



Appendix J

Landfill Gas Monitoring Data

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022
1307 H	

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	3/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	29 / 1008	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	29 / 1008	10
	✓	1330	Rain/ Fine	0	0	0	20.9	30 / 1008	10
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	5/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1011	8.4
		1330	Rain/ Fine	0	0	0	20.9	31 / 1011	8.4
		1700	Rain/ Fine	0	0	0	20.9	29 / 1009	8.4
Area 137 Pit B	5/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.6
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
		1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.6
Area 137 Pit C	5/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1009	10
		1330	Rain/ Fine	0	0	0	20.9	21 / 1010	10
		1700	Rain/ Fine	0	0	0	20.9	28 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

5/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	6/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	10
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
	✓	1700	Rain/ Fine	0	0	0	20.9	30 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

✓

6/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	7/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	8.4
	h	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	h	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	h	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
	h	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	8.6
	h	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	8.6
Area 137 Pit C	h	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	10
	h	1330	Rain/ Fine	0	0	0	20.9	30 / 1011	10
	h	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

7/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	8/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	8.4
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
		1700	Rain/ Fine	0	0	0	20.9	28 / 1010	8.4
Area 137 Pit B		0830	Rain/ Fine	0	0	0	20.9	28 / 1011	8.6
		1330	Rain/ Fine	0	0	0	20.9	31 / 1011	8.6
		1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
Area 137 Pit C		0830	Rain/ Fine	0	0	0	20.9	29 / 1009	10
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
		1700	Rain/ Fine	0	0	0	20.9	29 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	
Area 137 Pit A	10/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	29 / 1009	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	10
	✓	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	10
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

10/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	
Area 137 Pit A	11/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1009	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	8.4
	s	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	y	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	8.6
	1	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
Area 137 Pit C	q	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	10
	y	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

11/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	12/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 101	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	10
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
	✓	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

12/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	13/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
		1700	Rain/ Fine	0	0	0	20.9	29 / 1009	8.4
Area 137 Pit B	13/10/2022	0830	Rain/ Fine	0	0	0	20.9	30 / 1009	8.6
		1330	Rain/ Fine	0	0	0	20.9	31 / 1011	8.6
		1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.6
Area 137 Pit C	13/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1011	10
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
		1700	Rain/ Fine	0	0	0	20.9	29 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

13/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	14/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	10
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	10
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

✓

14/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	
Area 137 Pit A	15/10/2022	0830	Rain/ Fine	0	0	0	20.9	30 / 1011	8.4
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	4	0830	Rain/ Fine	0	0	0	20.9	29 / 1009	8.6
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
Area 137 Pit C	4	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	10
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

15/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	
Area 137 Pit A	17/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	28 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	29 / 1008	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	28 / 1009	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	10
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

17/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	18/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1011	8.4
	y	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	8.4
	y	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	y	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	8.6
	y	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
	y	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
Area 137 Pit C	y	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	10
	y	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	10
	y	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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18/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	19/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	4	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	8.6
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.6
Area 137 Pit C	4	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	10
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	10
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

19/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	20/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
	y	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	y	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.4
Area 137 Pit B	y	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.6
	y	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
	y	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	8.6
Area 137 Pit C	y	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	10
	y	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
	y	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

20/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	21/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	10
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

21/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	22/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	28 / 1011	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1008	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	28 / 1008	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
	u	1700	Rain/ Fine	0	0	0	20.9	20 / 1008	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

u

22/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	24/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1011	8.4
		1330	Rain/ Fine	0	0	0	20.9	31 / 1011	8.4
		1700	Rain/ Fine	0	0	0	20.9	28 / 1010	8.4
Area 137 Pit B		0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.6
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
		1700	Rain/ Fine	0	0	0	20.9	28 / 1009	8.6
Area 137 Pit C		0830	Rain/ Fine	0	0	0	20.9	29 / 1010	10
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
		1700	Rain/ Fine	0	0	0	20.9	29 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



24/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	25/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1009	8.4
		1330	Rain/ Fine	0	0	0	20.9	31 / 1009	8.4
		1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.4
Area 137 Pit B	25/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.6
		1330	Rain/ Fine	0	0	0	20.9	30 / 1010	8.6
		1700	Rain/ Fine	0	0	0	20.9	29 / 1009	8.6
Area 137 Pit C	25/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	10
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
		1700	Rain/ Fine	0	0	0	20.9	29 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

25/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	26/10/2022 ✓	0830	Rain/ Fine	0	0	0	20.9	29 / 1009	8.4
		1330	Rain/ Fine	0	0	0	20.9	31 / 1009	8.4
		1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.6
		1330	Rain/ Fine	0	0	0	20.9	31 / 1009	8.6
		1700	Rain/ Fine	0	0	0	20.9	28 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	10
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
		1700	Rain/ Fine	0	0	0	20.9	28 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

26/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	27/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1009	8.4
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	8.4
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	4	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.6
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.6
Area 137 Pit C	4	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	10
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	10
	4	1700	Rain/ Fine	0	0	0	20.9	28 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

27/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	28/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	10
	u	1700	Rain/ Fine	0	0	0	20.9	28 / 1009	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

u

28/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	29/10/2022	0830	Rain/ Fine	0	0	0	20.9	30 / 1009	8.4
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	8.4
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	4	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	8.6
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	8.6
	4	1700	Rain/ Fine	0	0	0	20.9	28 / 1011	8.6
Area 137 Pit C	4	0830	Rain/ Fine	0	0	0	20.9	29 / 1010	10
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	10
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

29/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	31/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	28 / 1011	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	10
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

u

31/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	3/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

3/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	5/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	5.5
	4	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

5/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	6/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

6/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	7/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	5.5
	7/10/2022	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	5.5
	7/10/2022	1700	Rain/ Fine	0	0	0	20.9	28 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

7/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	8/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	5.5
		1330	Rain/ Fine	0	0	0	20.9	30 / 1010	5.5
		1700	Rain/ Fine	0	0	0	20.9	28 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

8/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	10/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	5.5
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

10/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	11/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	5.5
	11/10/2022	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	5.5
	11/10/2022	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

11/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	12/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	5.5
	4	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

12/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	13/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	5.5
		1330	Rain/ Fine	0	0	0	20.9	30 / 1008	5.5
		1700	Rain/ Fine	0	0	0	20.9	29 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

13/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	14/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	5.5
	y	1700	Rain/ Fine	0	0	0	20.9	30 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



14/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	15/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	5.5
	7	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

15/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	17/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	5.5
	17	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	5.5
	17	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

17/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	18/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1008	5.5
	7	1330	Rain/ Fine	0	0	0	20.9	30 / 1008	5.5
	7	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

18/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	19/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	28 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

✓

19/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	20/10/2022	0830	Rain/ Fine	0	0	0	20.9	30 / 1011	5.5
	4	1330	Rain/ Fine	0	0	0	20.9	30 / 1011	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	28 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

20/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	21/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	5.5
	21	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	28 / 1008	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

2

21/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	22/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1011	5.5
	22/10/2022	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	5.5
	22/10/2022	1700	Rain/ Fine	0	0	0	20.9	28 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

2

22/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	24/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

24/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	25/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	5.5
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	28 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

25/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	26/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1008	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

26/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	27/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

27/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	28/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	5.5
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	28 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

28/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	29/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1008	5.5
	4	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	28 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

29/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
Area A	31/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / (0/0)	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	30 / (0/0)	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	27 / (0/1)	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

31/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	3/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1009	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	3.7
WPRTTA 5	3/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1011	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

8

3/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	5/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	3.7
	5	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	3.7
	5	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.7
WPRTTA 5	5	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	3.6
	5	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6
	5	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

5/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	6/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	27 / 1009	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

J

6/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	7/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	3.7
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.7
	4	1700	Rain/ Fine	0	0	0	20.9	30 / 1011	3.7
WPRTTA 5	4	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	3.6
	4	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	3.6
	4	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

7/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	8/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1008	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1011	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	30 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

u

8/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	16/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

8

16/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	11/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

u

11/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	12/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	3.7
	1	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	3.7
	7	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	3.7
WPRTTA 5	7	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	3.6
	7	1330	Rain/ Fine	0	0	0	20.9	30 / 1008	3.6
	9	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

12/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	13/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	27 / 1011	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:



13/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	14/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	27 / 1009	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	30 / 1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

14/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	15/10/2022	0830	Rain/ Fine	0	0	0	20.9	29 / 1009	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

15/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	17/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	30 / 1008	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

u

17/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	18/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	3.7
	7	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.7
	9	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	3.7
WPRTTA 5	4	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	3.6
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.6
	9	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

8

18/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	19/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	3.7
	4	1330	Rain/ Fine	0	0	0	20.9	30 / 1010	3.7
	4	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.7
WPRTTA 5	4	0830	Rain/ Fine	0	0	0	20.9	27 / 1011	3.6
	2	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.6
	1	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

19/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	20/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	3.7
	7	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	3.7
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	3.7
WPRTTA 5	21	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	3.6
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1011	3.6
	7	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

20/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	21/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	3.7
	7	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	3.7
	9	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	3.7
WPRTTA 5	21	0830	Rain/ Fine	0	0	0	20.9	28 / 1010	3.6
	7	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	3.6
	7	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

21/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	22/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 6008	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1011	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

2

22/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	24/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1008	3.7
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1008	3.7
	4	1700	Rain/ Fine	0	0	0	20.9	30 / 1008	3.7
WPRTTA 5	4	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	3.6
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.6
	4	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

24/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	25/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	30 / 1011	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



25/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	26/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	3.7
		1330	Rain/ Fine	0	0	0	20.9	31 / 1009	3.7
		1700	Rain/ Fine	0	0	0	20.9	29 / 1009	3.7
WPRTTA 5		0830	Rain/ Fine	0	0	0	20.9	27 / 1009	3.6
		1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.6
		1700	Rain/ Fine	0	0	0	20.9	28 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

2

26/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	27/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1008	3.7
	27	1330	Rain/ Fine	0	0	0	20.9	30 / 1009	3.7
	27	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	3.7
WPRTTA 5	27	0830	Rain/ Fine	0	0	0	20.9	27 / 1010	3.6
	27	1330	Rain/ Fine	0	0	0	20.9	31 / 1010	3.6
	27	1700	Rain/ Fine	0	0	0	20.9	29 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

8

27/10/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	28/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	3.7
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	3.7
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1010	3.7
WPRTTA 5	4	0830	Rain/ Fine	0	0	0	20.9	27 / 1011	3.6
	4	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	3.6
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

28/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	29/10/2022	0830	Rain/ Fine	0	0	0	20.9	27 / 1008	3.7
		1330	Rain/ Fine	0	0	0	20.9	31 / 1008	3.7
		1700	Rain/ Fine	0	0	0	20.9	29 / 1008	3.7
WPRTTA 5		0830	Rain/ Fine	0	0	0	20.9	28 / 1011	3.6
		1330	Rain/ Fine	0	0	0	20.9	30 / 1011	3.6
		1700	Rain/ Fine	0	0	0	20.9	29 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

29/10/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells/ Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (oC) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	31/10/2022	0830	Rain/ Fine	0	0	0	20.9	28 / 1009	3.7
	31	1330	Rain/ Fine	0	0	0	20.9	31 / 1009	3.7
	4	1700	Rain/ Fine	0	0	0	20.9	29 / 1008	3.7
WPRTTA 5	31	0830	Rain/ Fine	0	0	0	20.9	28 / 1011	3.6
	31	1330	Rain/ Fine	0	0	0	20.9	30 / 1011	3.6
	31	1700	Rain/ Fine	0	0	0	20.9	30 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

31/10/2022

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	3/10/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	3/10/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



3/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	5/10/22	8:20	sunny	0	0	0	20.9	32/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	5/10/22	8:35		0	0	0	20.9	32/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



5/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	6/10/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	6/10/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



6/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	7/10/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	7/10/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



7/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	8/10/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	8/10/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



8/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	10/10/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	10/10/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



10/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	11/10/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	11/10/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



11/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	12/10/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	12/10/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



12/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	13/9/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	13/9/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



13/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	14/10/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	14/10/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



14/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	15/10/22	8:20	sunny	0	0	0	20.9	33/999	9
		11:25		0	0	0	20.9	36/999	9
		3: 13		0	0	0	20.9	34/999	9
Pit A	15/10/22	8:35		0	0	0	20.9	33/999	9
		11:39		0	0	0	20.9	36/999	9
		3: 28		0	0	0	20.9	34/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



15/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	17/10/22	8:20	sunny	0	0	0	20.9	30/999	9
		11:25		0	0	0	20.9	32/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	17/10/22	8:35		0	0	0	20.9	30/999	9
		11:39		0	0	0	20.9	32/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



17/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	18/10/22	8:20	sunny	0	0	0	20.9	30/999	9
		11:25		0	0	0	20.9	32/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	18/10/22	8:35		0	0	0	20.9	30/999	9
		11:39		0	0	0	20.9	32/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



18/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	19/10/22	8:20	sunny	0	0	0	20.9	30/999	9
		11:25		0	0	0	20.9	32/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	19/10/22	8:35		0	0	0	20.9	30/999	9
		11:39		0	0	0	20.9	32/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



19/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	20/10/22	8:20	sunny	0	0	0	20.9	30/999	9
		11:25		0	0	0	20.9	32/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	20/10/22	8:35		0	0	0	20.9	30/999	9
		11:39		0	0	0	20.9	32/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



20/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	21/10/22	8:20	sunny	0	0	0	20.9	30/999	9
		11:25		0	0	0	20.9	32/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	21/10/22	8:35		0	0	0	20.9	30/999	9
		11:39		0	0	0	20.9	32/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



21/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	22/10/22	8:20	sunny	0	0	0	20.9	28/999	9
		11:25		0	0	0	20.9	30/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	22/10/22	8:35		0	0	0	20.9	28/999	9
		11:39		0	0	0	20.9	30/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



22/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	24/10/22	8:20	sunny	0	0	0	20.9	28/999	9
		11:25		0	0	0	20.9	30/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	24/10/22	8:35		0	0	0	20.9	28/999	9
		11:39		0	0	0	20.9	30/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



24/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	25/10/22	8:20	sunny	0	0	0	20.9	28/999	9
		11:25		0	0	0	20.9	30/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	25/10/22	8:35		0	0	0	20.9	28/999	9
		11:39		0	0	0	20.9	30/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



25/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	26/10/22	8:20	sunny	0	0	0	20.9	28/999	9
		11:25		0	0	0	20.9	30/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	26/10/22	8:35		0	0	0	20.9	28/999	9
		11:39		0	0	0	20.9	30/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



26/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	27/10/22	8:20	sunny	0	0	0	20.9	28/999	9
		11:25		0	0	0	20.9	30/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	27/10/22	8:35		0	0	0	20.9	28/999	9
		11:39		0	0	0	20.9	30/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



27/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	28/10/22	8:20	sunny	0	0	0	20.9	28/999	9
		11:25		0	0	0	20.9	30/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	28/10/22	8:35		0	0	0	20.9	28/999	9
		11:39		0	0	0	20.9	30/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



28/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	29/10/22	8:20	sunny	0	0	0	20.9	27/999	9
		11:25		0	0	0	20.9	29/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	29/10/22	8:35		0	0	0	20.9	27/999	9
		11:39		0	0	0	20.9	29/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



29/10/22

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/WSD/16-Mainlaying in Tseung Kwan

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit D	31/10/22	8:20	sunny	0	0	0	20.9	27/999	9
		11:25		0	0	0	20.9	29/999	9
		3: 13		0	0	0	20.9	28/999	9
Pit A	31/10/22	8:35		0	0	0	20.9	27/999	9
		11:39		0	0	0	20.9	29/999	9
		3: 28		0	0	0	20.9	28/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



31/10/22

Laboratory Staff:

Checked by: