

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

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	3/4/2023	0830	Rain/ Fine	0	0	0	20.9	19 / 10/0	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	18 / 1009	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	20 / 10/0	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	18 / 10/0	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	19 / 1009	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	20 / 10/0	10
	✓	1330	Rain/ Fine	0	0	0	20.9	18 / 1009	10
	✓	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	10

Name & Designation

Signature

Y

Date

3/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	4/4/2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20/1009	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	18/10/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	18/10/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	20/1009	10

Name & Designation

Signature

8

Date 4/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	6/4/2023	0830	Rain/Fine	0	0	0	20.9	17 / 1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	20 / 1010	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	18 / 1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1009	10
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1010	10

Name & Designation

Signature

Date

6/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	11/4/2023	0830	Rain/Fine	0	0	0	20.9	18/1/0/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	20/1/0/0	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	19/1/0/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	17/1/0/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/1/0/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/1/0/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	18/1/0/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	17/1/0/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	19/1/0/0	10

Name & Designation

Signature

Date

11/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	12/4/2023	0830	Rain/Fine	0	0	0	20.9	17 / 10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1009	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	19 / 10/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1009	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 10/0	10

Name & Designation

Signature

✓

Date 12/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	13/4/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1010	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1009	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	18 / 1010	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1009	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1010	10
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	10
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	10

Name & Designation

Signature

Y

Date

13/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	4/4/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	20/1010	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/1010	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	18/1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	17/1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	19/1009	10

Name & Designation

Signature

Date

14/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	17/4/2023	0830	Rain/Fine	0	0	0	20.9	17 / 1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	18 / 1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1010	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	19 / 1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1009	10
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1009	10

Name & Designation

Signature

✓

Date

17/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	18/4/2023	0830	Rain/Fine	0	0	0	20.9	18/10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	17/1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	19/1009	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	20/10/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	10

Name & Designation

Signature

Y

Date

18/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	19/4/2023	0830	Rain/Fine	0	0	0	20.9	17 / 10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 10/0	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 10/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	19 / 10/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 10/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	17 / 10/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 10/0	10

Name & Designation

Signature

Date 19/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	20/4/2023	0830	Rain/Fine	0	0	0	20.9	19/1/009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	18/1/000	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	19/1/009	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	20/1/009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/1/000	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	17/1/009	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	19/1/000	10
	✓	1330	Rain/Fine	0	0	0	20.9	20/1/000	10
	✓	1700	Rain/Fine	0	0	0	20.9	18/1/009	10

Name & Designation

Signature

Date

20/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	21/4/2023	0830	Rain/Fine	0	0	0	20.9	18/10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	17/1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20/1009	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	19/10/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	19/10/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	10
	✓	1700	Rain/Fine	0	0	0	20.9	17/1009	10

Name & Designation

Signature

✓

Date

21/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	4/4/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	18/1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	20/1009	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	18/1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	17/10/0	10

Name & Designation

Signature

Date

24/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	25/4/2023	0830	Rain/Fine	0	0	0	20.9	19 / 1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1010	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	10

Name & Designation

Signature

Date

25/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	26/4/2023	0830	Rain/Fine	0	0	0	20.9	19 / 10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 10/0	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 10/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	17 / 10/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 10/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	18 / 10/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 10/0	10

Name & Designation

Signature

Date 26/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	27/4/2023	0830	Rain/Fine	0	0	0	20.9	18.1/0/0	8.4
	√	1330	Rain/Fine	0	0	0	20.9	17.1/0/0	8.4
	√	1700	Rain/Fine	0	0	0	20.9	19.1/0/0	8.4
Area 137 Pit B	√	0830	Rain/Fine	0	0	0	20.9	20.1/0/0	8.6
	√	1330	Rain/Fine	0	0	0	20.9	19.1/0/0	8.6
	√	1700	Rain/Fine	0	0	0	20.9	17.1/0/0	8.6
Area 137 Pit C	√	0830	Rain/Fine	0	0	0	20.9	18.1/0/0	10
	√	1330	Rain/Fine	0	0	0	20.9	19.1/0/0	10
	√	1700	Rain/Fine	0	0	0	20.9	20.1/0/0	10

Name & Designation

Signature

Date

27/4/2023

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	28/4/2023	0830	Rain/Fine	0	0	0	20.9	18/10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	17/10/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	19/10/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	10

Name & Designation

Signature

8

Date

28/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	3/4/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1010	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	19 / 1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1010	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1009	3.6

Name & Designation

Signature

8

Date

3/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	4/4/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18/10/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	17/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	3.6

Name & Designation

Signature

8

Date

4/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	6/14/2023	0830	Rain/Fine	0	0	0	20.9	19/1/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20/1/009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	18/1/009	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	19/1/009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	17/1/0/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	18/1/0/0	3.6

Name & Designation

Signature

Date 6/14/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	11/14/2023	0830	Rain/Fine	0	0	0	20.9	17 / 1009	3.7
	V	1330	Rain/Fine	0	0	0	20.9	19 / 1009	3.7
	V	1700	Rain/Fine	0	0	0	20.9	18 / 1010	3.7
WPRTTA 5	V	0830	Rain/Fine	0	0	0	20.9	19 / 1010	3.6
	V	1330	Rain/Fine	0	0	0	20.9	20 / 1010	3.6
	V	1700	Rain/Fine	0	0	0	20.9	17 / 1009	3.6

Name & Designation

Signature

Date

11/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	12/14/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	3.7
	√	1330	Rain/Fine	0	0	0	20.9	20 / 1010	3.7
	√	1700	Rain/Fine	0	0	0	20.9	19 / 1010	3.7
WPRTTA 5	√	0830	Rain/Fine	0	0	0	20.9	17 / 1009	3.6
	√	1330	Rain/Fine	0	0	0	20.9	19 / 1010	3.6
	√	1700	Rain/Fine	0	0	0	20.9	20 / 1010	3.6

Name & Designation

Signature

Y

Date 12/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	13/4/2023	0830	Rain/Fine	0	0	0	20.9	17 / 10/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18 / 10/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 10/0	3.6

Name & Designation

Signature

8

Date 13/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	14/4/2023	0830	Rain/Fine	0	0	0	20.9	19 / 1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	19 / 1010	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1009	3.6

Name & Designation

Signature

✓

Date 14/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	17/4/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1010	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1009	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18 / 1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1010	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	3.6

Name & Designation

Signature

Y

Date

17/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	18/4/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	17/1000	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18/1000	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	17/1009	3.6

Name & Designation

Signature

8

Date 18/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	19/4/2023	0830	Rain/Fine	0	0	0	20.9	19/1/009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	17/1/009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	18/1/0/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	20/1/0/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/1/009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/1/0/0	3.6

Name & Designation

Signature

Date

19/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	20/4/2023	0830	Rain/ Fine	0	0	0	20.9	17 1/0/0	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	18 1/0/0	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	20 1/0/0	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	18 1/0/0	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	19 1/0/0	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	17 1/0/0	3.6

Name & Designation

Signature

Date 20/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	21/4/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	17/10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	19/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	17/10/0	3.6

Name & Designation

Signature

Date

21/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	4/4/2023	0830	Rain/Fine	0	0	0	20.9	19 / 10/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18 / 10/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 10/0	3.6

Name & Designation

Signature

Date

4/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	25/4/2023	0830	Rain/Fine	0	0	0	20.9	19/1/009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20/1/0/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	17/1/0/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18/1/009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/1/009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/1/0/0	3.6

Name & Designation

Signature

Date

25/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	26/4/2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18/10/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	17/10/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	3.6

Name & Designation

Signature

8

Date 26/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	27/4/2023	0830	Rain/Fine	0	0	0	20.9	17/1/009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	19/1/010	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	18/1/010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	19/1/009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	20/1/010	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	18/1/009	3.6

Name & Designation

Signature

Date

27/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	28/4/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	19/1010	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	17/1010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	20/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/1010	3.6

Name & Designation

Signature

Date

28/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	3/4/2023	0830	Rain/Fine	0	0	0	20.9	19 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	20 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1009	5.5

Name & Designation

Signature

8

Date 3/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	4/4/2023	0830	Rain/Fine	0	0	0	20.9	18/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17/1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	5.5

Name & Designation

Signature

✓

Date

4/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	6/4/2023	0830	Rain/Fine	0	0	0	20.9	17 / 10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 100/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	19 / 100/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 10/0	5.5

Name & Designation

Signature

✓

Date

6/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	11/4/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1010	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	5.5

Name & Designation

Signature

Date

11/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	12/4/2023	0830	Rain/Fine	0	0	0	20.9	19 / 10/0	5.5
	v	1330	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	v	1700	Rain/Fine	0	0	0	20.9	18 / 1009	5.5
Area B	v	0830	Rain/Fine	0	0	0	20.9	17 / 10/0	5.5
	v	1330	Rain/Fine	0	0	0	20.9	19 / 10/0	5.5
	v	1700	Rain/Fine	0	0	0	20.9	20 / 1009	5.5

Name & Designation

Signature

Date 12/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	13/4 / 2023	0830	Rain/Fine	0	0	0	20.9	19 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	5.5

Name & Designation

Signature

✓

Date

13/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	14/4/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	18/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19/1009	5.5

Name & Designation

Signature

✓

Date

14/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	17/4/2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	5.5

Name & Designation

Signature

Y

Date

17/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	18/4/2023	0830	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	18 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1009	5.5

Name & Designation

Signature

Y

Date

18/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	19/4/2023	0830	Rain/Fine	0	0	0	20.9	18/1/009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/1/009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17/1/0/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	18/1/0/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/1/0/0	5.5
		1700	Rain/Fine	0	0	0	20.9	19/1/009	5.5

Name & Designation

Signature

✓

Date

19/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	20/4/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17/10/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/1009	5.5

Name & Designation

Signature

Date

20/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	21/4/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1010	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	5.5

Name & Designation

Signature

8

Date

21/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	4/4/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/2	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19/1009	5.5

Name & Designation

Signature

Date

✓

24/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	25/4/2023	0830	Rain/Fine	0	0	0	20.9	19 / 1000	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	19 / 1000	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1009	5.5

Name & Designation

Signature

8

Date

25/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	26/4/2023	0830	Rain/Fine	0	0	0	20.9	18.1/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17.1/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19.1/1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	20.1/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18.1/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19.1/10/0	5.5

Name & Designation

Signature

Date

26/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	27/4/2023	0830	Rain/Fine	0	0	0	20.9	17.1/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20.1/1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19.1/1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	18.1/1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19.1/1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20.1/1009	5.5

Name & Designation

Signature

8

Date

27/4/2023

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

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 (°C) / Pressure (mbar)	Remark Depth (m)
Area A	28/4/2023	0830	Rain/Fine	0	0	0	20.9	17 1/0/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18 1/0/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20 1/0/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	19 1/0/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20 1/0/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18 1/0/0	5.5

Name & Designation

Signature

Date

28/4/2023

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
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
P4M-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Pit A	1/4/2023	08:30	Reamy	0	0	0	20.9	19 / 999	9
		13:30	u	0	0	0	20.9	20 / 999	9
		16:30	u	0	0	0	20.9	20 / 999	9
								/	
								/	
								/	
								/	
								/	
								/	
								/	
								/	
								/	
								/	
								/	
								/	

Field Operator: Name & Designation Signature Date
 MAK KA CHUN  1/4/2023
 Laboratory Staff:
 Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Sampling equipment used:	Dates calibrated
PGM-2500 (SRAE III)	28/7/2022
1307H	17/11/2022

[illegible]

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	MARK KA CHUN	(Signature)	3/4/2023
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
PGM-2500 (GRAE 111)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
PZ A	4/4/2023	08:30	Rain	0	0	0	20.4	19 / 999	G
		13:30	-	0	0	0	20.4	20 / 999	G
		16:30	-	0	0	0	20.4	19 / 999	G
								/	
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Field Operator: Name & Designation MAK KA CHUN Signature Date 4/4/2023

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
PAM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
PZ A	11/4/2023	08:30	Sunny	0	0	0	20.4	19 / 999	9
		13:30	"	0	0	0	20.4	20 / 999	9
		16:30	"	0	0	0	20.4	20 / 999	9
								/	
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN

(Signature)

11/4/2023

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
PGM-2500 (ORAE II)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Pit A	12/4/2023	08:30	Sunny	0	0	0	20.4	18 / 999	9
		13:30	Sunny	0	0	0	20.4	19 / 999	9
		16:30	Sunny	0	0	0	20.4	19 / 999	9
								/	
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Field Operator: Name & Designation Signature Date
 MAK KA CHUN  12/4/2023
 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
PLM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
PZ A	13/4/2023	08:30	Sunny	0	0	0	20.9	18 / 999	9
		13:30	☼	0	0	0	20.9	19 / 999	9
		16:30	☼	0	0	0	20.9	18 / 999	9
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								/	

Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN

(Signature)

13/4/2023

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Landfill Gas Monitoring—Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (SRAE III)	28/7/2022
1307H	17/11/2022

[illegible]

Signature

Field Operator:

MARK KIM CHUN

後

14/4/2023

Laboratory Staff:

Checked by:

Landfill Gas Monitoring—Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (GRAE III)	28/7/2022
1307H	17/11/2022

[illegible]

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
PHM-2500 (ORAE III)	28/7/2022
1327H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
PE A	17/4/2023	08:30	Sunny	0	0	0	20.9	18 / 999	0
		13:30	"	0	0	0	20.9	19 / 999	0
		16:30	"	0	0	0	20.9	19 / 999	0
								/	
								/	
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



17/4/2023

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
PLM-2500 (ORAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
PZ A	18/4/2023	08:30	Sunny	0	0	0	20.9	19 / 999	9
		13:30	☀	0	0	0	20.9	20 / 999	9
		16:30	☀	0	0	0	20.9	20 / 999	9
								/	
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Name & Designation

Signature

Date

Field Operator:

YAK KA CHUN



18/4/2023

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
PLM-2500 (GRAE II)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Pit A	19/4/2023	08:30	Sunny	0	0	0	20.4	18 / 999	9
		13:30	"	0	0	0	20.4	19 / 999	9
		16:30	"	0	0	0	20.4	19 / 999	9
								/	
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



19/4/2023

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
PAM-2500 (GRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
PE A	20/4/2023	08:30	Partly	0	0	0	20.9	18 / 999	9
		13:30	"	0	0	0	20.9	19 / 999	9
		16:30	"	0	0	0	20.9	19 / 999	9
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



20/4/2023

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
PHM-2500 (ORAE II)	28/7/2022
1327H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Pit A	21/4/2023	08:30	Sunny	0	0	0	20.9	19 / 999	9
		13:30	"	0	0	0	20.9	20 / 999	9
		16:30	"	0	0	0	20.9	19 / 999	9
								/	
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN

(Signature)

21/4/2023

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
PH-2500 (ORAE II)	28/7/2022
1327H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
PZ A	22/4/2023	08:30	Rainy	0	0	0	20.9	12 / 999	9
		13:30	~	0	0	0	20.9	19 / 999	9
		16:30	~	0	0	0	20.9	19 / 999	9
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



22/4/2023

Laboratory Staff:

Checked by:

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
PGM-2500 (GRAE 111)	28/7/2022
1307H	17/11/2022

[illegible]Name & Designation

Signature

Date _____

Field Operator:

MAK KA CHUN

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24/4/2023

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
PLM-2000 (GRAE 111)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
PA A	25/4/2023	08:30	Rainy	0	0	0	20.9	19 / 999	9
		13:30	☐	0	0	0	20.9	19 / 999	9
		16:30	☐	0	0	0	20.9	19 / 999	9
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



25/4/2023

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
PLM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Pie A	26/4/2023	08:30	Sunny	0	0	0	20.9	19 / 999	9
		13:30	"	0	0	0	20.9	18 / 999	9
		16:30	"	0	0	0	20.9	20 / 999	9
								/	
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Field Operator: Name & Designation MAK KA CHUN Signature Date 26/4/2023

Laboratory Staff:

Checked by:

Landfill Gas Monitoring—Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (GRAE III)	28/7/2022
1307H	17/11/2022

[illegible]

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
PLM-2500 (SRAE 111)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Pie A	28/4/2023	08:30	Rainy	0	0	0	20.9	19 / 999	9
		13:30	"	0	0	0	20.9	19 / 999	9
		16:30	"	0	0	0	20.9	20 / 999	9
								/	
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



28/4/2023

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Landfill Gas Monitoring—Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2400 (SRAE III)	28/7/2022
1307H	17/11/2022

[illegible]

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	MAK KA CHUN		29/4/2023
Laboratory Staff:			
Checked by:			