



Appendix J

Landfill Gas Monitoring Data

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
PGM-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)	Remark
Pit A	1/12/22	8:20	rain	0	0	0	20.9	17/999	9
		11:25		0	0	0	20.9	20/999	9
		3:13		0	0	0	20.9	18/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



1/12/22

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

[illegible]

Name & Designation

Signature

Date _____

Field Operator:

Cheung Hoi Kit

70

2/12/22

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

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

7/20

3/12/22

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
PGM-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)	Remark
Pit A	5/12/22	8:20	sunny	0	0	0	20.9	17/999	9
		11:25		0	0	0	20.9	20/999	9
		3:13		0	0	0	20.9	18/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



5/12/22

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

[illegible]Name & Designation

Signature

Date _____

Field Operator:

Cheung Hoi Kit

70

6/12/22

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
PGM-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)	Remark
Pit A	7/12/22	8:20	sunny	0	0	0	20.9	17/999	9
		11:25		0	0	0	20.9	20/999	9
		3:13		0	0	0	20.9	18/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



7/12/22

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

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

70

8/12/22

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

[illegible]

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

7/8

9/12/22

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

[illegible]Name & Designation

Signature

Date _____

Field Operator:

Cheung Hoi Kit

7/8

10/12/22

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
PGM-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)	Remark
Pit A	12/12/22	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3:13		0	0	0	20.9	14/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



12/12/22

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

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

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13/12/22

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

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

7/8

14/12/22

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
PGM-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)	Remark
Pit A	15/12/22	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3:13		0	0	0	20.9	14/999	9

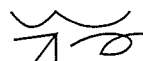
Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



15/12/22

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

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

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16/12/22

Laboratory Staff:

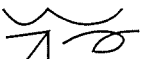
Checked by:

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
PGM-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)	Remark
Pit A	17/12/22	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3:13		0	0	0	20.9	14/999	9

Field Operator: Name & Designation Signature Date
 Cheung Hoi Kit  17/12/22
 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
PGM-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)	Remark
Pit A	19/12/22	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3:13		0	0	0	20.9	14/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



19/12/22

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
PGM-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)	Remark
Pit A	20/12/22	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3:13		0	0	0	20.9	14/999	9

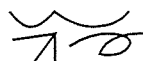
Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



20/12/22

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

[illegible]

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

70

21/12/22

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
PGM-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)	Remark
Pit A	22/12/22	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3: 13		0	0	0	20.9	14/999	9

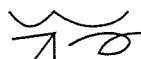
Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



22/12/22

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
PGM-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)	Remark
Pit A	23/12/22	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3: 13		0	0	0	20.9	14/999	9

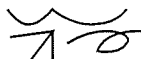
Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



23/12/22

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
PGM-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)	Remark
Pit A	24/12/22	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3:13		0	0	0	20.9	14/999	9

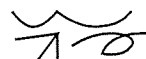
Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



24/12/22

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
PGM-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)	Remark
Pit A	28/12/22	8:20	sunny	0	0	0	20.9	23/999	9
		11:25		0	0	0	20.9	27/999	9
		3: 13		0	0	0	20.9	24/999	9

Field Operator: Cheung Hoi Kit  28/12/22

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
PGM-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)	Remark
Pit A	29/12/22	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3: 13		0	0	0	20.9	14/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



29/12/22

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
PGM-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)	Remark
Pit A	30/12/22	8:20	sunny	0	0	0	20.9	23/999	9
		11:25		0	0	0	20.9	27/999	9
		3:13		0	0	0	20.9	24/999	9

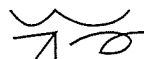
Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



30/12/22

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
PGM-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)	Remark
Pit A	31/12/22	8:20	sunny	0	0	0	20.9	23/999	9
		11:25		0	0	0	20.9	27/999	9
		3:13		0	0	0	20.9	24/999	9

Field Operator: Cheung Hoi Kit  31/12/22

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	1/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	22 / 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	17 / 1009	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 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 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1011	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

1/12/2022

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	2/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	10
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1011	10
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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2/12/2022

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	3/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	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	17 / 1009	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	22 / 1009	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 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

3/12/2022

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	5/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1009	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	10
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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5/12/2022

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	6/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	y	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.6
	y	1330	Rain/ Fine	0	0	0	20.9	21 / 1009	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	8.6
Area 137 Pit C	y	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	y	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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6/12/2022

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	7/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1009	8.4
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 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	21 / 1009	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 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

7/12/2022

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	8/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
Area 137 Pit B	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 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	16 / 1009	10
	"	1330	Rain/ Fine	0	0	0	20.9	19 / 1011	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

8/12/2022

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	9/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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9/12/2022

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	10/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
Area 137 Pit B	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	8.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 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	20 / 1011	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

10/12/2022

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	12/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	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	16 / 1009	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 / 1009	10
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

12/12/2022

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	13/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1011	10
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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13/12/2022

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	14/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
	4	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	4	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	8.4
Area 137 Pit B	4	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	8.6
	4	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.6
	4	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	8.6
Area 137 Pit C	4	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	10
	4	1330	Rain/ Fine	0	0	0	20.9	20 / 1011	10
	4	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

14/12/2022

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	15/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 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	17 / 1010	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	8.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	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	20 / 1008	10
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1008	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

15/12/2022

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	16/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	10
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

16/12/2022

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	17/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.4
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
Area 137 Pit B	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	19 / 1010	8.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
Area 137 Pit C	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	19 / 1010	10
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

17/12/2022

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	19/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	8.4
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	8.4
Area 137 Pit B	"	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	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	16 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

19/12/2022

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	20/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	8.4
Area 137 Pit B	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	19 / 1009	8.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
Area 137 Pit C	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

20/12/2022

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	21/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 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	17 / 1011	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 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 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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21/12/2022

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	22/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.4
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
Area 137 Pit B	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.6
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	8.6
Area 137 Pit C	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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22/12/2022

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	23/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	10
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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23/12/2022

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	24/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1011	10
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

24/12/2022

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	28/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1009	8.4
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	8.4
Area 137 Pit B	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	8.6
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	8.6
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	8.6
Area 137 Pit C	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	10
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

u

28/12/2022

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	29/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	8.4
Area 137 Pit B	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1009	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	16 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1011	10
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

29/12/2022 .

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	30/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.4
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
Area 137 Pit B	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	8.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	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	16 / 1010	10
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

30/12/2022

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	31/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	8.4
	31	1330	Rain/ Fine	0	0	0	20.9	21 / 1008	8.4
	31	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	8.4
Area 137 Pit B	31	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	8.6
	31	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.6
	31	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	8.6
Area 137 Pit C	31	0830	Rain/ Fine	0	0	0	20.9	16 / 1008	10
	31	1330	Rain/ Fine	0	0	0	20.9	21 / 1009	10
	31	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	10

Name & Designation

Field Operator:

Jock Lee (Competent Person [CO-310218])

Signature

8

Date

31/12/2022

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	1/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	19 / 1010	5.5
Area B									

Field Operator: Name & Designation
Jock Lee (Competent Person [CO-310218])

Signature

Date

Laboratory Staff:

Checked by:

8

1/12/2022

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	2/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	5.5
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Jock Lee (Competent Person [CO-310218])

Signature

8

Date

2/12/2022

Field Operator:

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	3/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

3/12/2022

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	5/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1060	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

5/12/2022

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	6/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



6/12/2022

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	7/12/2022	0830	Rain/ Fine	0	0	0	20.9	18 / 1009	5.5
	7	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	5.5
	7	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

7/12/2022

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	8/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1008	5.5
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1008	5.5
	"	1700	Rain/ Fine	0	0	0	20.9	16 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

8/12/2022

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	9/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1011	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

9/12/2022

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	10/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

10/12/2022

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	12/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
	4	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	5.5
	4	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

12/12/2022

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	13/12/2022	0830	Rain/ Fine	0	0	0	20.9	18 / 1011	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	22 / 1010	5.5
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

13/12/2022

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	14/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	5.5
	4	1330	Rain/ Fine	0	0	0	20.9	20 / 1011	5.5
	1	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

14/12/2022

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	15/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
		1330	Rain/ Fine	0	0	0	20.9	20 / 1009	5.5
	11	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

15/12/2022

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	16/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	5.5
		1330	Rain/ Fine	0	0	0	20.9	20 / 1010	5.5
		1700	Rain/ Fine	0	0	0	20.9	17 / 1010	5.5

Name & Designation

Field Operator:

Jock Lee (Competent Person [CO-310218])

Signature

8

Date

16/12/2022

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	17/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	5.5
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	5.5
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

17/12/2022

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	19/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	5.5
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	5.5
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

19/12/2022

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	20/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	5.5
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	5.5
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

20/12/2022

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	21/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	5.5
		1330	Rain/ Fine	0	0	0	20.9	20 / 1009	5.5
		1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

21/12/2022

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	22/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

22/12/2022

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	23/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1011	5.5
		1330	Rain/ Fine	0	0	0	20.9	21 / 1010	5.5
		1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

23/12/2022

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	24/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	5.5
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	5.5
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1008	5.5

Name & Designation

Field Operator: Jock Lee (Competent Person [CO-310218])

Signature

8

Date

24/12/2022

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	28/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	5.5
	28/12/2022	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	5.5
	28/12/2022	1700	Rain/ Fine	0	0	0	20.9	16 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

28/12/2022

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	29/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	5.5
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	5.5
	y	1700	Rain/ Fine	0	0	0	20.9	16 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

29/12/2022

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	30/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	5.5
		1330	Rain/ Fine	0	0	0	20.9	20 / 1010	5.5
		1700	Rain/ Fine	0	0	0	20.9	16 / 1010	5.5

Name & Designation

Field Operator:

Jock Lee (Competent Person [CO-310218])

Signature

8

Date

30/12/2022

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	31/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

31/12/2022

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	1/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

1/12/2022

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	2/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 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	17 / 1010	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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2/12/2022

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	3/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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3/12/2022

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	5/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 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	17 / 1009	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6

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

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	6/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 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	17 / 1010	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

6/12/2022

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	7/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

7/12/2022

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	8/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

8/12/2022

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	9/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

9/12/2022

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	10/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 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	17 / 1010	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2.

10/12/2022

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	12/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1011	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	16 / 1010	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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12/12/2022

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	13/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1011	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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13/12/2022

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	14/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 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	16 / 1010	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

7

14/12/2022

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	15/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



15/12/2022

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	16/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1011	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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16/12/2022

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	17/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	17 / 1011	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

17/12/2022

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	19/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1009	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1011	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

19/12/2022

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	20/12/2022	0830	Rain/ Fine	0	0	0	20.9	18 / 1010	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	21 / 1009	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

20/12/2022.

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	21/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1008	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

21/12/2022

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	22/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1008	3.7
	v	1700	Rain/ Fine	0	0	0	20.9	17 / 1008	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	16 / 1010	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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22/12/2022

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	23/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	21 / 1009	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	22 / 1011	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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23/12/2022

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	24/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6
	"								

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

24/12/2022

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	28/12/2022	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1011	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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28/12/2022

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	29/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.7
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	3.7
WPRTTA 5	u	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

29/12/2022

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	30/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
	u	1330	Rain/ Fine	0	0	0	20.9	21 / 1010	3.7
	y	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
WPRTTA 5	y	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.6
	u	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.6
	u	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

30/12/2022

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	31/12/2022	0830	Rain/ Fine	0	0	0	20.9	17 / 1011	3.7
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.7
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	3.7
WPRTTA 5	"	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	3.6
	"	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6
	"	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

31/12/2022

Laboratory Staff:

Checked by: