

Appendix J

Landfill Gas Monitoring Data

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 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	1-6-2023	08:30	Rainy	0	0	0	20.9	28 / 999	G
		13:30	-	0	0	0	20.9	30 / 999	G
		16:30	-	0	0	0	20.9	30 / 999	G
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



1/6/2023

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
P4M-2500 (QRAE 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)
Pre A	2/6/2023	08:30	Sunny	0	0	0	20.9	32 / 999	9
		13:30	-	0	0	0	20.9	32 / 999	9
		16:30	-	0	0	0	20.9	32 / 999	9
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Field Operator: Name & Designation MAK KA CHUN Signature Date 2/6/2023

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 (QRAE 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)
PE A	3/6/2023	08:30	Sunny	0	0	0	20.4	30 / 999	G
		13:30	-	0	0	0	20.4	72 / 999	G
		16:30	-	0	0	0	20.4	72 / 999	G
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



3/6/2023

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 (QRAE 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	5/6/2023	08:30	Sunny	0	0	0	20.4	30 / 999	9
		13:30	-	0	0	0	20.4	31 / 999	9
		16:30	-	0	0	0	20.4	31 / 999	9
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								/	
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Field Operator: Name & Designation MAK KA CHUN Signature Date 5/6/2023

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
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)
PR A	7/6/2023	08:30	Rainy	0	0	0	20.9	29 / 999	9
		13:30	"	0	0	0	20.9	29 / 999	9
		16:30	"	0	0	0	20.9	29 / 999	9
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Field Operator: Name & Designation MAK KA CHUN Signature Date 7/6/2023

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 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)
File A	6/6/2023	08:30	Rainy	0	0	0	20.4	28 / 999	9
		13:30	"	0	0	0	20.4	28 / 999	9
		16:30	"	0	0	0	20.4	28 / 999	9
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



6/6/2023

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 (QRAE 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)
PZ A	8/6/2023	08:30	Partly	0	0	0	20.4	28 / 999	G
		13:30	-	0	0	0	20.4	29 / 999	G
		16:30	-	0	0	0	20.4	29 / 999	G
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN

(Signature)

8/6/2023

Laboratory Staff:

Checked by:

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]

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 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)
Pt A	12/6/2023	08:30	Sunny	0	0	0	20.9	29 / 999	9
		13:30		0	0	0	20.9	30 / 999	9
		16:30		0	0	0	20.9	30 / 999	9
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



12/6/2023

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
PM-2500 (QRAE 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)
PE A	13/6/2023	08:30	Rainy	0	0	0	20.4	28 / 444	G
		13:30	~	0	0	0	20.4	28 / ~	G
		16:30	~	0	0	0	20.4	28 / ~	G
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



13/6/2023

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 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)
Pl A	14/6/2023	08:30	Rainy	0	0	0	20.9	28 / 995	9
		13:30	-	0	0	0	20.9	28 / -	9
		16:30	-	0	0	0	20.9	28 / -	9
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Field Operator: Name & Designation MAK KA CHUN Signature Date 14/6/2023

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
PCA-2500 (QRAE 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	15/6/23	08:30	Rainy	0	0	0	20.4	28 / 999	G
		13:30	"	0	0	0	20.4	29 / "	G
		16:30	"	0	0	0	20.4	29 / "	G
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Field Operator: Name & Designation Signature Date
 MAK KA CHUN (S) 15/6/2023
 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
PAH-2500 (QRAE 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)
Pre A	16/6/2023	08:30	Rainy	0	0	0	20.9	28 / 999	9
		13:30		0	0	0	20.9	28 / -	9
		16:30		0	0	0	20.9	29 / -	9
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Field Operator: Name & Designation MAK KA CHUN Signature Date 16/6/2023

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-3500 (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	17/6/2023	08:30	Rainy	0	0	0	20.9	27 / 989	G
		13:30	"	0	0	0	20.9	28 / -	G
		16:30	"	0	0	0	20.9	28 / -	G
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



17/6/2023


Laboratory Staff:

Checked by:

Landfill Gas Monitoring—Field Measurement Recording Sheet

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

[illegible]

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	MAK RA CHUN		19/6/2023
Laboratory Staff:			
Checked by:			

Landfill Gas Monitoring—Field Measurement Recording Sheet

Date of measurement:

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 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	21/6/2023	08:30	Sunny	0	0	0	20.4	29 / 959	9
		13:30	..	0	0	0	20.4	31 / ..	9
		16:30	..	0	0	0	20.4	30 / ..	9
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Name & Designation

Signature

Date

Field Operator:

NAK KA CHUN



21/6/2023

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (2RAE 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 (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)
Pit A	24/6/2023	08:30	Rainy	0	0	0	20.4	29 / 999	9
		13:30	-	0	0	0	20.4	29 / -	9
		16:30	-	0	0	0	20.4	29 / -	9
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Field Operator: Name & Designation MAK KA CHUN Signature Date 24/6/2023

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Sampling equipment used:	Dates calibrated
PM-2500 (GAE III)	28/7/2022
130TH	17/11/2022

[illegible]

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

Date of measurement:

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 (GASAE 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	28/6/2023	08:30	Sunny	0	0	0	20.4	29 / 999	G
		13:30	"	0	0	0	20.4	31 / -	G
		16:30	"	0	0	0	20.4	30 / -	G
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Field Operator: Name & Designation MAK KA CHUN Signature Date 28/6/2023

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 (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)
P-1 A	28/6/2023	08:30	Sunny	0	0	0	20.4	29 / 655	9
		13:30	"	0	0	0	20.4	32 / 655	9
		16:30	"	0	0	0	20.4	31 / 655	9
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Name & Designation

Signature

Date

Field Operator:

MAK KA CHUN



28/6/2023

Laboratory Staff:

Checked by:

Landfill Gas Monitoring—Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PM-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

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	1/6/2023	0830	Rain/ Fine	0	0	0	20.9	19/10/0	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	20/10/09	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	17/10/09	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	19/10/0	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18/10/09	3.6

Name & Designation

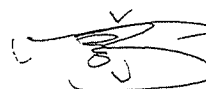
Signature

Date

1/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	2/6/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	18/10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	19/10/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	17/1009	3.6

Name & Designation

Signature

Date

2/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	5/6/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	19/1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18/1010	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	20/1010	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/1009	3.6

Name & Designation

Signature

Date

5/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	6/6/2023	0830	Rain/ Fine	0	0	0	20.9	17/10/0	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	20/1009	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1009	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	18/10/0	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	20/10/0	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18/1009	3.6

Name & Designation

Signature

Date

6/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	7/6/2023	0830	Rain/ Fine	0	0	0	20.9	18/10/0	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	19/10/0	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	17/10/0	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	19/10/0	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	20/10/0	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18/10/0	3.6

Name & Designation

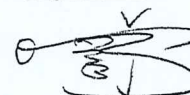
Signature

Date

7/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	8/6/2023	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	18/10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	20/10/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	18/10/0	3.6

Name & Designation

Signature

Date

8/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	9/6/2023	0830	Rain/ Fine	0	0	0	20.9	19/10/0	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	17/1009	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	18/1009	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	18/10/0	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	19/10/0	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	20/1009	3.6

Name & Designation

Signature

Date

9/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	12/6/2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	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	19/10/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	3.6

Name & Designation

Signature

Date 12/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	13/6/2023	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	18/10/0	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	20/10/0	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	19/10/0	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	17/10/0	3.6

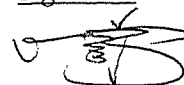
Name & Designation

Signature

Date 13/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	14/6/2023	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	19/1010	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	18/1009	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18/1010	3.6

Name & Designation

Signature

Date

14/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	15/6/2023	0830	Rain/ Fine	0	0	0	20.9	17/10/0	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	20/10/0	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	19/10/0	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	19/10/0	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	20/10/0	3.6

Name & Designation

Signature

Date

15/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	16/6/2023	0830	Rain/ Fine	0	0	0	20.9	18/10/0	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	19/10/0	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	17/10/0	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	17/10/0	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	18/10/0	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	19/10/0	3.6

Name & Designation

Signature

Date

16/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	19/6/2023	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	19/1010	3.6

Name & Designation

Signature

Date

19/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	20/6/2023	0830	Rain/ Fine	0	0	0	20.9	19/1009	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	17/1009	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1009	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	20/1010	3.6

Name & Designation

Signature

Date

20/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	21/6/2023	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	18/10/0	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	19/10/0	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	20/10/0	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	18/10/0	3.6

Name & Designation

Signature

Date 21/6/2023

Field Operator:

KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	23/6/2023	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	18/1010	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

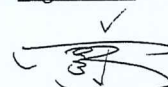
Name & Designation

Signature

Date 23/6/2023

Field Operator:

KK Wong (Competent Person)

✓


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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	26/6/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	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	20/10/0	3.6

Name & Designation

Field Operator:

KK Wong (Competent Person)

Signature



Date

26/6/2023

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	27/6/2023	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	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	19/1009	3.6

Name & Designation

Signature

Date 27/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	28/6/2023	0830	Rain/ Fine	0	0	0	20.9	17/10/0	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	18/10/9	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	19/10/9	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	20/10/9	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	19/10/0	3.6

Name & Designation

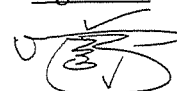
Signature

Date

28/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	29/6/2023	0830	Rain /Fine	0	0	0	20.9	19/1000	3.7
	✓	1330	Rain /Fine	0	0	0	20.9	20/1000	3.7
	✓	1700	Rain /Fine	0	0	0	20.9	18/1000	3.7
WPRTTA 5	✓	0830	Rain /Fine	0	0	0	20.9	18/1000	3.6
	✓	1330	Rain /Fine	0	0	0	20.9	19/1000	3.6
	✓	1700	Rain /Fine	0	0	0	20.9	17/1000	3.6

Name & Designation


Signature

Date

29/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	30/6/2023	0830	Rain/ Fine	0	0	0	20.9	17/10/0	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	19/10/0	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	18/1009	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1009	3.6

Name & Designation

Signature

Date

30/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	1 / 6 / 2023	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	19 / 1010	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 / 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	17 / 1009	10
	✓	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	✓	1700	Rain/ Fine	0	0	0	20.9	19 / 1010	10

Name & Designation

Signature

Date 1/6/2023

Field Operator: KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	2 / 6 / 2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	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	19 / 1010	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 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	18 / 1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	10

Name & Designation

Signature

Date 2/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	5/6/2023	0830	Rain/Fine	0	0	0	20.9	17 / 1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 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	18 / 1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1010	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	18 / 1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1010	10

Name & Designation

Signature

Date 5/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	6/6/2023	0830	Rain/ Fine	0	0	0	20.9	17 / 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	18 / 1010	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	19 / 1010	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 / 1010	10
	✓	1330	Rain/ Fine	0	0	0	20.9	19 / 1010	10
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	10

Name & Designation

Signature

Date 6/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	7/6/2023	0830	Rain/ Fine	0	0	0	20.9	18/1009	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1010	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	19/1009	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	17/1009	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

Date

7/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	8/5/2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	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	18/10/0	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	18/10/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	20/1009	10
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	10

Name & Designation

Signature

Date 8/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	9/5/2023	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	18/1010	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	18/1009	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

Date 9/5/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	12/5/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	18/1010	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	18/1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/1009	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	17/1009	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 12/5/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	13/6/2023	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	18/1009	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	20/10/0	10

Name & Designation

Signature

Date 13/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	14/5/2023	0830	Rain/ Fine	0	0	0	20.9	18/1009	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	20/1010	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1010	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	18/1009	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1010	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	18/1009	10
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1010	10

Name & Designation

Signature

Date 14/5/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	15/6/2023	0830	Rain/ Fine	0	0	0	20.9	18/10/0	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	17/10/0	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	19/1009	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	17/10/0	10
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1009	10
	✓	1700	Rain/ Fine	0	0	0	20.9	18/1009	10

Name & Designation

Signature

Date 15/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	16 / 6 / 2023	0830	Rain/ Fine	0	0	0	20.9	19 / 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	18 / 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	20 / 1010	10
	✓	1330	Rain/ Fine	0	0	0	20.9	18 / 1009	10
	✓	1700	Rain/ Fine	0	0	0	20.9	19 / 1009	10

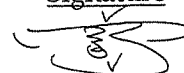
Name & Designation

Signature

Date 16/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	19/6/2023	0830	Rain/ Fine	0	0	0	20.9	18/1009	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1009	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	18/10/0	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	19/10/0	10
	✓	1700	Rain/ Fine	0	0	0	20.9	18/10/0	10

Name & Designation

Signature

Date 19/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	20/6/2023	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	18/10/0	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	17/10/0	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	18/1009	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 20/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	21/6 / 2023	0830	Rain/ Fine	0	0	0	20.9	19 / 1010	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	20 / 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	20 / 1010	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	19 / 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	18 / 1010	10
	✓	1700	Rain/ Fine	0	0	0	20.9	19 / 1009	10

Name & Designation

Signature

Date

21/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	23/6/2023	0830	Rain/ Fine	0	0	0	20.9	18/1009	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	18/1010	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1010	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	19/1009	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	17/1009	10
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1009	10
	✓	1700	Rain/ Fine	0	0	0	20.9	18/1010	10

Name & Designation

Signature

Date

23/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	26/6/2023	0830	Rain/ Fine	0	0	0	20.9	18 / 10/0	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	20 / 10/0	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	19 / 1009	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	18 / 10/0	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	17 / 10/0	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	20 / 1009	10
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 10/0	10

Name & Designation

Signature

Date 26/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	27/6/2023	0830	Rain/Fine	0	0	0	20.9	17 / 1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1010	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	18 / 1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1010	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	19 / 1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1009	10

Name & Designation

Signature

Date 27/6/2023

Field Operator: KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	28/6/2023	0830	Rain/ Fine	0	0	0	20.9	18/10/0	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1009	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	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	20/10/0	10
	✓	1700	Rain/ Fine	0	0	0	20.9	18/10/0	10

Name & Designation

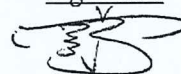
Signature

Date

28/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	29/6/2023	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	18/1010	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	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	19/1009	10
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	10

Name & Designation

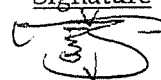
Signature

Date

29/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	30/6/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	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	18/1009	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	19/10/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	18/10/0	10

Name & Designation

Signature

Date

30/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	1 / 6 / 2023	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	17 / 1009	5.5
Area B	✓	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	19 / 1010	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	5.5

Name & Designation

Signature

Date 1/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	2/6/2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	5.5

Name & Designation

Signature

Date 2/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	5/6/2023	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	18/10/0	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	19/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17/10/0	5.5

Name & Designation

Signature

Date

5/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	6/6/2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17/10/0	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	19/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17/10/0	5.5

Name & Designation

Signature

Date 6/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	7/6/2023	0830	Rain/ Fine	0	0	0	20.9	18/1009	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	17/1010	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1010	5.5
Area B	✓	0830	Rain/ Fine	0	0	0	20.9	17/1010	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	18/1009	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1009	5.5

Name & Designation

Signature

Date 7/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	8 / 6 / 2023	0830	Rain/Fine	0	0	0	20.9	17 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 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	18 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1009	5.5

Name & Designation

Signature

Date 8/6/2023

Field Operator: KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	9/6/2023	0830	Rain/ Fine	0	0	0	20.9	18/1009	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1009	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	17/1009	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	20/10/0	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1009	5.5

Name & Designation

Signature

Date 9/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	12/6/2023	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	18/10/0	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

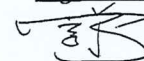
Name & Designation

Signature

Date 12/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	13/6/2023	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	17/1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19/1009	5.5

Name & Designation

Signature

Date 13/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	14/6/2023	0830	Rain/ Fine	0	0	0	20.9	19/10/0	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	18/1009	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	19/1009	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	17/10/0	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	20/10/0	5.5

Name & Designation

Signature

Date 14/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	15/6/2023	0830	Rain/Fine	0	0	0	20.9	18/10/0	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
Area B	✓	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/10/0	5.5

Name & Designation

Signature

Date 15/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	16 / 6 / 2023	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	18 / 1010	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 / 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

Name & Designation

Signature

Date 16/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	19 / 6 / 2023	0830	Rain/Fine	0	0	0	20.9	18 / 1010	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	19 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1010	5.5

Name & Designation

Signature

Date 19/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	20/6/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	5.5

Name & Designation

Signature

Date 20/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	21/6/2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	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	17/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	5.5

Name & Designation

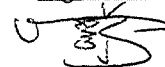
Signature

Date

21/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	23/6/2023	0830	Rain/Fine	0	0	0	20.9	18/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17/1009	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	19/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	5.5

Name & Designation

Signature

Date 23/6/2023

Field Operator: KK Wong (Competent Person)

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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	26/6/2023	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	18/10/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	20/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	5.5

Name & Designation

Signature

Date

26/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	27/6/2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	5.5

Name & Designation

Signature

Date

27/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	28/6 / 2023	0830	Rain/Fine	0	0	0	20.9	17 / 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 / 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	19 / 10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 10/0	5.5

Name & Designation

Signature

Date 28/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	29/6/2023	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
Area B	✓	0830	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/10/0	5.5

Name & Designation

Signature

Date

29/6/2023

Field Operator:

KK Wong (Competent Person)



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 monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	30/6 / 2023	0830	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	19 / 1010	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 / 1010	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	5.5

Name & Designation

Signature

Date 30/6/2023

Field Operator: KK Wong (Competent Person)

Laboratory Staff:

Checked by: