



Appendix J

Landfill Gas Monitoring Data

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

[illegible]

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	Chan Wai Chi [Wellcon] CP		29 / - 2022
Laboratory Staff:	程偉傑 Chak Wai Kit	 POCM	29 / - 2022
Checked by:			

Mainlaying in Tseung Kwan O

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

[illegible]Date

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2911/2022.

Checked by:

翟偉傑
Chak Wai Kit

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29/1/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area 137 Pit A	28/11/2022	0830	Fine / Rain	0	0	0	20.9	17/10/11	8.4
		1330	Fine / Rain	0	0	0	20.9	18/11/010	8.4
		1700	Fine / Rain	0	0	0	20.9	18/11/010	8.4
		0830	Fine / Rain	0	0	0	20.9	18/11/010	8.6
Area 137 Pit B		1330	Fine / Rain	0	0	0	20.9	18/11/010	8.6
		1700	Fine / Rain	0	0	0	20.9	18/11/011	8.6
		0830	Fine / Rain	0	0	0	20.9	18/11/010	10
		1330	Fine / Rain	0	0	0	20.9	18/11/010	10
Area 137 Pit C		1330	Fine / Rain	0	0	0	20.9	18/11/010	10
		1700	Fine / Rain	0	0	0	20.9	18/11/011	10

Name & Designation

Signature

Date

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

J

28/11/2022

Laboratory Staff:

Checked by:

瞿偉傑
Chak Wai Kit

RSO *POC*

[Signature]

29/11/2022

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-2500P (QRAE III)	28 JUL 2021

[illegible]Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

28/1/2022.

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

PSO post



29/1/2022

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
H1013500PN	25/11/2021

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)
Pit B	28-1-2022	08:22 13:04 17:08	Rain / Fine Fine Fine	0 0 0	0 0 0	0 0 0	20.9 20.9 20.9	21 / 997 22 / 999 22 / 999	9 9 9
Pit D	28-1-2022	08:30 13:40 17:34	Rain / Fine Fine Fine	0 0 0	0 0 0	0 0 0	20.9 20.9 20.9	22 / 999 22 / 999 22 / 999	9 9 9

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 28-1-2022

Laboratory Staff: 翟偉傑
Chak Wei Kit

Checked by: POCW *[Signature]* 28-1-2022

Contract no. 13/WSD/16
 Mainlaying in Tseung Kwan O
 Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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 3	28/11/2022	0845	Fine / Rain	0	0	0	20.9	18/1000	4.3
		1345	Fine / Rain	0	0	0	20.9	18/1000	4.3
		1645	Fine / Rain	0	0	0	20.9	19/1011	4.3
WPRTTA 4	28/11/2022	0845	Fine / Rain	0	0	0	20.9	18/1000	4
		1345	Fine / Rain	0	0	0	20.9	18/1000	4
		1645	Fine / Rain	0	0	0	20.9	19/1011	4

Name & Designation

Signature

Date

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

28/11/2022

Laboratory Staff:

Checked by:

翟偉傑
 Chak Wai Kit

RSD post

 28/11/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	28/11/2022	0830	Fine / Rain	0	0	0	20.9	18/1011	8.4
		1330	Fine / Rain	0	0	0	20.9	18/1011	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	19/1010	8.4
	✓								
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	18/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	18/1010	8.6
	✓								
	✓	1700	Fine / Rain	0	0	0	20.9	19/1011	8.6
	✓								
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	19/1010	10
		1330	Fine / Rain	0	0	0	20.9	19/1010	10
	✓								
	✓	1700	Fine / Rain	0	0	0	20.9	18/1011	10

Name & Designation

Signature

Date

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

✓

28/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

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28/11/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area A	28/11/2022	0830	Fine / Rain	0	0	0	20.9	18/11011	5.5
		1330	Fine / Rain	0	0	0	20.9	18/11012	5.5
		1700	Fine / Rain	0	0	0	20.9	18/11012	5.5
		0845	Fine / Rain	0	0	0	20.9	18/11012	2.5
Area B	28/11/2022	1345	Fine / Rain	0	0	0	20.9	19/11011	2.5
		1645	Fine / Rain	0	0	0	20.9	19/11011	2.5

Name & Designation

Signature

Date

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

28/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wei Kit

RSD pccrv



28/11/2022

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

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)
Pit B	21-1-2022	08:30 13:11 16:30	Rain / Fine Fine Fine	0 0 0	0 0 0	0 0 0	20.9 20.5 20.9	21 / 998 22 / 999 22 / 999	9 9 9
Pit D	21-1-2022	08:11 13:24 16:51	Rain / Fine Fine Fine	0 0 0	0 0 0	0 0 0	20.9 20.9 20.9	22 / 999 21 / 998 22 / 999	9 9 9

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP 27.1 - 2022

Laboratory Staff:

Checked by: 翟偉傑 POCV 21-1 - 2022
Chak Wai Kit

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
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 3	27/11/2022	0845	Fine / Rain	0	0	0	20.9	19/10/0	4.3
		1345	Fine / Rain	0	0	0	20.9	20/10/0	4.3
		1645	Fine / Rain	0	0	0	20.9	20/10/0	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	19/10/11	4
		1345	Fine / Rain	0	0	0	20.9	20/10/10	4
		1645	Fine / Rain	0	0	0	20.9	20/10/10	4

Name & Designation

Signature

Date

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

27/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSD pacv



27/11/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	27/11/2022	0830	Fine / Rain	0	0	0	20.9	18/1010	8.4
		1330	Fine / Rain	0	0	0	20.9	20/1011	8.4
		1700	Fine / Rain	0	0	0	20.9	20/1011	8.4
Area 137 Pit B	27/11/2022	0830	Fine / Rain	0	0	0	20.9	19/1011	8.6
		1330	Fine / Rain	0	0	0	20.9	20/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	20/1012	8.6
Area 137 Pit C	27/11/2022	0830	Fine / Rain	0	0	0	20.9	20/1011	10
		1330	Fine / Rain	0	0	0	20.9	21/1010	10
		1700	Fine / Rain	0	0	0	20.9	21/1010	10

Name & Designation

Signature

Date

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

27/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSO post



27/11/2022

Contract no. 13/WS/D/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	22/11/2022	0830	Fine / Rain	0	0	0	20.9	19/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	20/10/12	5.5
Area B		1700	Fine / Rain	0	0	0	20.9	20/10/12	5.5
		0845	Fine / Rain	0	0	0	20.9	19/10/11	2.5
		1345	Fine / Rain	0	0	0	20.9	21/10/12	2.5
		1645	Fine / Rain	0	0	0	20.9	21/10/12	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

27/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wei Kit

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27/11/2022

Mainlaying in Tseung Kwan O

Landfill Gas Monitoring –Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

[illegible]

Field Operator: Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 26 - 2022

POCJV - 2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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 3	26/11/2022	0845	Fine / Rain	0	0	0	20.9	18.1/1008	4.3
		1345	Fine / Rain	0	0	0	20.9	18.1/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	18.1/1010	4.3
WPRTTA 4	✓	0845	Fine / Rain	0	0	0	20.9	17.1/1010	4
		1345	Fine / Rain	0	0	0	20.9	20.1/1011	4
		1645	Fine / Rain	0	0	0	20.9	20.1/1011	4
	✓								

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

26/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POCTW



26/11/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	26/1/2022	0830	Fine / Rain	0	0	0	20.9	18/1008	8.4
		1330	Fine / Rain	0	0	0	20.9	19/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	19/1010	8.4
Area 137 Pit B	26/1/2022	0830	Fine / Rain	0	0	0	20.9	18/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	19/1010	8.6
		1700	Fine / Rain	0	0	0	20.9	18/1008	8.6
Area 137 Pit C	26/1/2022	0830	Fine / Rain	0	0	0	20.9	18/1008	10
		1330	Fine / Rain	0	0	0	20.9	20/1010	10
		1700	Fine / Rain	0	0	0	20.9	20/1010	10

Name & Designation

Signature

Date

Field Operator:

Jack Lee (Competent Person [CO-310218])

26/1/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

KSO POC JV

26/1/2022

Mainlaying in Tseung Kwan O

Landfill Gas Monitoring - Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

[illegible]Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

26/1/2022.

Laboratory Staff:

翟偉傑
Chak Wai Kit

Checked by:

KSO post

26/1/2022

Contract no. 13/MSD/16
 Mainlaying in Tseung Kwan O
 Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
 Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

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)
Pit B	25-1 -2022	08:13 13:40 16:20	Rain / Fide Fide Fide	0 0 0	0 0 0	0 0 0	20.5 20.7 20.9	22 / 999 22 / 999 21 / 998	9 9 9
Pit D	25-1 -2022	08:08 13:19 16:37	Rain / Fide Fide Fide	0 0 0	0 0 0	0 0 0	20.9 20.9 20.9	22 / 999 22 / 999 21 / 997	9 9 9

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 25-1 -2022

Laboratory Staff:

Checked by: POCJV - -2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	28/11/2022	0845	Fine / Rain	0	0	0	20.9	18/100	4.3
		1345	Fine / Rain	0	0	0	20.9	19/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	18/1010	4.3
		0845	Fine / Rain	0	0	0	20.9	19/1010	4
WPRTTA 4	28/11/2022	1345	Fine / Rain	0	0	0	20.9	20/1011	4
		1645	Fine / Rain	0	0	0	20.9	20/1010	4

Name & Designation

Signature

Date

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

28/11/2022.

Laboratory Staff:

Checked by:

程偉傑
Chak Wai Kit

R50, POC JV



25/1/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	25/11/2022	0830	Fine / Rain	0	0	0	20.9	18/1009	8.4
		1330	Fine / Rain	0	0	0	20.9	19/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	19/1010	8.4
Area 137 Pit B	25/11/2022	0830	Fine / Rain	0	0	0	20.9	18/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	20/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	20/1011	8.6
Area 137 Pit C	25/11/2022	0830	Fine / Rain	0	0	0	20.9	18/1008	10
		1330	Fine / Rain	0	0	0	20.9	18/1010	10
		1700	Fine / Rain	0	0	0	20.9	18/1010	10

Name & Designation

Signature

Date

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

25/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSD POC JV

25/11/2022

Mainlaying in Tseung Kwan O

Landfill Gas Monitoring - Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

[illegible]Date

25/1/2022.

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

ISO 9001



25/1/2022

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

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)	
Pit B	24.1-2022	08:11 13:07 16:27	Rain / Fine	0	0	0	20.5	22 / 999	9	
			Fine	0	0	0	20.9	21 / 999	9	
			Fine	0	0	0	20.9	22 / 999	9	

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 24.1.2022

Laboratory Staff:

Checked by: POCJW - 2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	23/11/2012	0845	Fine / Rain	0	0	0	20.9	19/1010	4.3
		1345	Fine / Rain	0	0	0	20.9	18/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	20/1008	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	18/1008	4
		1345	Fine / Rain	0	0	0	20.9	20/1010	4
		1645	Fine / Rain	0	0	0	20.9	20/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])


24/11/2022.

Laboratory Staff:

Checked by:

程偉傑
Chak Wai Kit

KSO POC TV

 24/11/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	24/11/2022	0830	Fine / Rain	0	0	0	20.9	19/1010	8.4
		1330	Fine / Rain	0	0	20.9	20/1011	8.4	
		1700	Fine / Rain	0	0	20.9	20/1011	8.4	
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	20/1008	8.6
		1330	Fine / Rain	0	0	20.9	19/1011	8.6	
		1700	Fine / Rain	0	0	20.9	19/1011	8.6	
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	20/1010	10
		1330	Fine / Rain	0	0	20.9	20/1010	10	
		1700	Fine / Rain	0	0	20.9	20/1008	10	

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

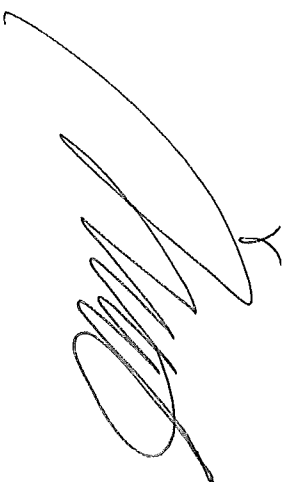
24/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

R50 pccv



24/11/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area A	24/11/2022	0830	Fine / Rain	0	0	0	20.9	19/10/2	5.5
		1330	Fine / Rain	0	0	0	20.9	20/10/1	5.5
		1700	Fine / Rain	0	0	0	20.9	20/10/1	5.5
		0845	Fine / Rain	0	0	0	20.9	19/10/2	2.5
Area B	24	1345	Fine / Rain	0	0	0	20.9	21/10/1	2.5
		1645	Fine / Rain	0	0	0	20.9	21/10/1	2.5

Name & Designation

Signature

Date

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

24/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSO POC JV



24/11/2022

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time							
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Pit B	22-01-2022	08:25	Rain / Fine	0	0	0	20.9	22/999	9
		13:10	Fine	0	0	0	20.9	22/999	9
		17:25	Fine	0	0	0	20.9	22/999	9
Pit D	21-01-2022	08:20	Rain / Fine	0	0	0	20.7	22/999	9
		13:41	Fine	0	0	0	20.7	21/999	9
		17:40	Fine	0	0	0	20.7	23/999	9

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 22-01-2022

Laboratory Staff:

Checked by: POCJV - 2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 3	22/11/2022	0845	Fine / Rain	0	0	0	20.9	17/1011	4.3
		1345	Fine / Rain	0	0	0	20.9	16/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	16/1010	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	16/1011	4
		1345	Fine / Rain	0	0	0	20.9	17/1010	4
		1645	Fine / Rain	0	0	0	20.9	17/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

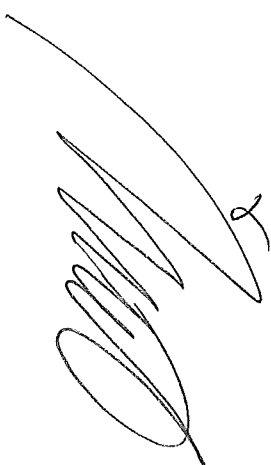
22/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chek Wai Kit

K50 POCV



22/11/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	22/11/2022	0830	Fine / Rain	0	0	0	20.9	17/1011	8.4
		1330	Fine / Rain	0	0	0	20.9	16/1008	8.4
		1700	Fine / Rain	0	0	0	20.9	16/1008	8.4
Area 137 Pit B	22/11/2022	0830	Fine / Rain	0	0	0	20.9	16/1011	8.6
		1330	Fine / Rain	0	0	0	20.9	17/1010	8.6
		1700	Fine / Rain	0	0	0	20.9	14/1012	8.6
Area 137 Pit C	22/11/2022	0830	Fine / Rain	0	0	0	20.9	17/1011	10
		1330	Fine / Rain	0	0	0	20.9	17/1011	10
		1700	Fine / Rain	0	0	0	20.9	17/1010	10

Name & Designation

Signature

Date

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

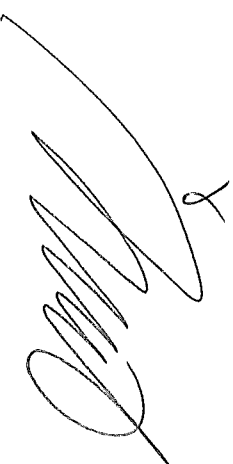
22/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

PSO pccv



22/11/2022

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-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	22/11/2022	0830	Fine / Rain	0	0	0	20.9	16/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	16/10/11	5.5
		1700	Fine / Rain	0	0	0	20.9	17/10/10	5.5
		1845	Fine / Rain	0	0	0	20.9	16/10/10	2.5
Area B	24	1345	Fine / Rain	0	0	0	20.9	16/10/10	2.5
		1645	Fine / Rain	0	0	0	20.9	17/10/11	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2211/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

РД, пост

22/1/2012

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

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)
Pit B	21-01-2022	08:10 13:15 17:20	Rain / Fine Fine Fine	0 0 0	0 0 0	0 0 0	20.9 20.9 20.9	22 / 999 22 / 999 22 / 999	9 9 9
Pit D	21-01-2022	08:25 13:40 17:45	Rain / Fine Fine Fine	0 0 0	0 0 0	0 0 0	20.7 20.7 20.7	22 / 999 21 / 999 25 / 999	9 9 9

Name & Designation: _____ Signature: _____ Date: _____
Field Operator: Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 21-01-2022
Laboratory Staff: _____
Checked by: POCJV - -2022

Mainlaying in Tseung Kwan O

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

[illegible]Date

Jock Lee (Competent Person [CO-310218])

21/1/2022.

翟偉傑
Chak Wai Kit

RSO post

21/1/2012

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
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area 137 Pit A	21/11/2022	0830	Fine / Rain	0	0	0	20.9	17.1/1008	8.4
		1330	Fine / Rain	0	0	0	20.9	18.1/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	18.1/1010	8.4
Area 137 Pit B	21/11/2022	0830	Fine / Rain	0	0	0	20.9	17.1/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	18.1/1008	8.6
		1700	Fine / Rain	0	0	0	20.9	18.1/1008	8.6
Area 137 Pit C	21/11/2022	0830	Fine / Rain	0	0	0	20.9	18.1/1010	10
		1330	Fine / Rain	0	0	0	20.9	18.1/1011	10
		1700	Fine / Rain	0	0	0	20.9	18.1/1011	10

Name & Designation

Signature

Date

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

21/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

R50, POCV

21/11/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

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	21/1/2022	0830	Fine / Rain	0	0	0	20.9	18/10/10	5.5
		1330	Fine / Rain	0	0	0	20.9	18/10/11	5.5
		1700	Fine / Rain	0	0	0	20.9	18/10/11	5.5
Area B	21/1/2022	0845	Fine / Rain	0	0	0	20.9	18/10/11	2.5
		1345	Fine / Rain	0	0	0	20.9	18/10/10	2.5
		1645	Fine / Rain	0	0	0	20.9	18/10/10	2.5

Name & Designation

Signature

Date

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

21/1/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wei Kit

KSO POC JV



21/1/2022

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring –Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

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)
Pit B	20-1-2022	07:00	Rain / Fine	0	0	0	20.9	22/199	9
		13:10	Fine	0	0	0	20.9	22/199	9
		12:20	Fine	0	0	0	20.9	22/199	9

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi (Wellcon) CP

Chan Wai Chi
20-01-2022

Laboratory Staff:

Checked by:

POCJV

- 2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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 3	20/11/2022	0845	Fine / Rain	0	0	0	20.9	17/1011	4.3
		1345	Fine / Rain	0	0	0	20.9	18/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	18/1010	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	16/1009	4
		1345	Fine / Rain	0	0	0	20.9	18/1010	4
		1645	Fine / Rain	0	0	0	20.9	18/1010	4

Name & Designation

Signature

Date

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

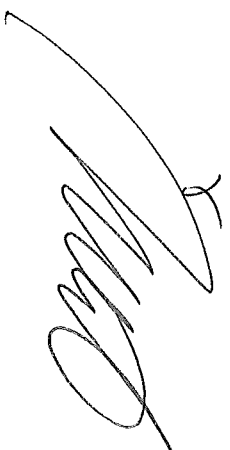
20/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Cheak Wai Kit

POCSV



20/11/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	20/11/2022	0830	Fine / Rain	0	0	0	20.9	17.1/012	8.4
		1330	Fine / Rain	0	0	0	20.9	18.1/011	8.4
		1700	Fine / Rain	0	0	0	20.9	18.1/011	8.4
Area 137 Pit B	‘‘	0830	Fine / Rain	0	0	0	20.9	16.1/010	8.6
		1330	Fine / Rain	0	0	0	20.9	18.1/010	8.6
		1700	Fine / Rain	0	0	0	20.9	18.1/011	8.6
Area 137 Pit C	‘‘	0830	Fine / Rain	0	0	0	20.9	18.1/011	10
		1330	Fine / Rain	0	0	0	20.9	18.1/009	10
		1700	Fine / Rain	0	0	0	20.9	18.1/009	10

Name & Designation

Signature

Date

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

20/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wei Kit

RS, PCS

20/11/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	20/11/2022	0830	Fine / Rain	0	0	0	20.9	16/11011	5.5
		1330	Fine / Rain	0	0	0	20.9	17/11012	5.5
		1700	Fine / Rain	0	0	0	20.9	18/11012	5.5
		0845	Fine / Rain	0	0	0	20.9	17/11011	2.5
Area B		1345	Fine / Rain	0	0	0	20.9	18/11008	2.5
		1645	Fine / Rain	0	0	0	20.9	18/11008	2.5

Name & Designation

Signature

Date

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

20/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

R50 poctv



20/11/2022

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring – Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

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)
Pit B	14-1-2022	08:15	Rain / Fine	0	0	0	20.9	22 / 999	0
		13:10	Fine	0	0	20.9	22 / 999	0	
		13:30	Fine Fine	0	0	20.9	22 / 999	0	

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 19-1-2022

Laboratory Staff:

Checked by: POCJV - - 2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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 3	19/11/2022	0845	Fine / Rain	0	0	0	20.9	15/1011	4.3
		1345	Fine / Rain	0	0	0	20.9	16/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	16/1010	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	16/1011	4
		1345	Fine / Rain	0	0	0	20.9	17/1010	4
		1645	Fine / Rain	0	0	0	20.9	17/1010	4

Name & Designation

Signature

Date

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

19/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSO POCN



19/11/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area 137 Pit A	18/11/2022	0830	Fine / Rain	0	0	0	20.9	16/10/0	8.4
		1330	Fine / Rain	0	0	0	20.9	17/10/11	8.4
		1700	Fine / Rain	0	0	0	20.9	17/10/11	8.4
Area 137 Pit B	18/11/2022	0830	Fine / Rain	0	0	0	20.9	17/10/11	8.6
		1330	Fine / Rain	0	0	0	20.9	18/10/12	8.6
		1700	Fine / Rain	0	0	0	20.9	18/10/12	8.6
Area 137 Pit C	18/11/2022	0830	Fine / Rain	0	0	0	20.9	17/10/0	10
		1330	Fine / Rain	0	0	0	20.9	18/10/11	10
		1700	Fine / Rain	0	0	0	20.9	18/10/11	10

Name & Designation

Signature

Date

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

18/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chek Wei Kit

KSO POC JV



18/11/2022

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-2500P (QRAE III)	28 JUL 2021

[illegible]

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

1911/2022

Laboratory Staff:

翟偉傑
Chak Wai Kit

Checked by:

RSO POSITIVE



19/1/2012

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

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)
Pit B	18-1-2022	08:05	Rain / Fine	0	0	0	20.9	21 / 999	2
		13:00	Fine	0	0	0	20.9	22 / 999	2
		17:00	Fine	0	0	0	20.9	23 / 999	2
Pit D	18-1-2022	08:27	Rain / Fine	0	0	0	20.9	22 / 998	2
		13:38	Fine	0	0	0	20.9	21 / 999	2
		17:22	Fine	0	0	0	20.9	23 / 999	2

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi

[Wellcon] CP

Chan Wai Chi

18-1-2022

Laboratory Staff:

Checked by:

POCJV

- 2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	18/11/2022	0845	Fine / Rain	0	0	0	20.9	16/10.1	4.3
		1345	Fine / Rain	0	0	0	20.9	17/10.0	4.3
		1645	Fine / Rain	0	0	0	20.9	17/10.0	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	17/10.0	4
		1345	Fine / Rain	0	0	0	20.9	18/10.1	4
		1645	Fine / Rain	0	0	0	20.9	18/10.1	4

Name & Designation

Signature

Date

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

18/11/2022

Laboratory Staff:

Checked by:

程偉傑
Chak Wai Kit

150 pcc JV

18/11/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	18/11/2022	0830	Fine / Rain	0	0	0	20.9	16/10/0.	8.4
		1330	Fine / Rain	0	0	0	20.9	17/10/0.	8.4
		1700	Fine / Rain	0	0	0	20.9	17/10/11	8.4
Area 137 Pit B	18/11/2022	0830	Fine / Rain	0	0	0	20.9	17/10/12.	8.6
		1330	Fine / Rain	0	0	0	20.9	18/10/11	8.6
		1700	Fine / Rain	0	0	0	20.9	18/10/11	8.6
Area 137 Pit C	18/11/2022	0830	Fine / Rain	0	0	0	20.9	16/10/03	10
		1330	Fine / Rain	0	0	0	20.9	17/10/02	10
		1700	Fine / Rain	0	0	0	20.9	17/10/10	10

Name & Designation

Signature

Date

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

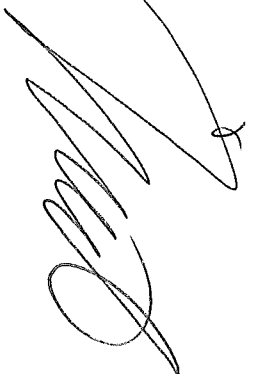
18/11/2022

Laboratory Staff:

Checked by:

程偉傑
Chak Wai Kit

KSO POC JV



18/11/2022

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-2500P (QRAE III)	28 JUL 2021

[illegible]

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])


1811/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

K50 postu



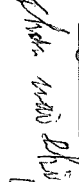
18/1/2012

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time							
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Pit B	17-1-2022	08:00	Rain (Fine)	0	0	0	20.9	22.1/999	9
		13:05	Fine	0	0	0	20.9	23.1/999	9
		17:30	Fine	0	0	0	20.9	22.1/999	9
Pit D	17-1-2022	08:30	Rain / Fine	0	0	0	20.7	22.1/999	9
		13:25	Fine	0	0	0	20.7	22.1/999	9
		17:45	Fine	0	0	0	20.7	22.1/999	9

Name & Designation: Chan Wai Chi [Wellcon] CP
Signature: 
Date: 17-1-2022
Field Operator:
Laboratory Staff:
Checked by: 瞿偉傑 POC JV
Chak Wai Kit 17-1-2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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 3	17/11/2022	0845	Fine / Rain	0	0	0	20.9	17/10/0	4.3
		1345	Fine / Rain	0	0	0	20.9	18/10/11	4.3
		1645	Fine / Rain	0	0	0	20.9	18/10/11	4.3
WPRTTA 4	11	0845	Fine / Rain	0	0	0	20.9	17/10/0	4
		1345	Fine / Rain	0	0	0	20.9	17/10/0	4
		1645	Fine / Rain	0	0	0	20.9	17/10/0	4
	11								

Name & Designation

Signature

Date

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

17/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wei Kit

RSD, POCN



17/11/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	17/11/2022	0830	Fine / Rain	0	0	0	20.9	17/10/11	8.4
		1330	Fine / Rain	0	0	0	20.9	18/10/11	8.4
		1700	Fine / Rain	0	0	0	20.9	18/10/12	8.4
Area 137 Pit B	17/11/2022	0830	Fine / Rain	0	0	0	20.9	17/10/10	8.6
		1330	Fine / Rain	0	0	0	20.9	17/10/10	8.6
		1700	Fine / Rain	0	0	0	20.9	17/10/12	8.6
Area 137 Pit C	17/11/2022	0830	Fine / Rain	0	0	0	20.9	18/10/11	10
		1330	Fine / Rain	0	0	0	20.9	17/10/12	10
		1700	Fine / Rain	0	0	0	20.9	17/10/10	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

17/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSO pccsv



17/11/2022

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-2500P (QRAE III)	28 JUL 2021

[illegible]Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

17/1/2022.

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSO
P8CJV

17/1/2012

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
H1013500PN	25/11/2021

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)
Pit B	15-1-2022	08:07	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:22	Fine	0	0	20.9	23 / 999	9	
		16:47	Fine	0	0	20.9	22 / 999	9	

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP & Wai Chi 15-1-2022

Laboratory Staff: 翟偉傑 Chak Wei Kit

Checked by: POCN 15-1-2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	15/11/2022	0845	Fine / Rain	0	0	0	20.9	17.1/1010	4.3
		1345	Fine / Rain	0	0	0	20.9	18.1/1011	4.3
		1645	Fine / Rain	0	0	0	20.9	18.1/1011	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	18.1/1008	4
		1345	Fine / Rain	0	0	0	20.9	18.1/1009	4
		1645	Fine / Rain	0	0	0	20.9	19.1/1010	4

Name & Designation

Signature

Date

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

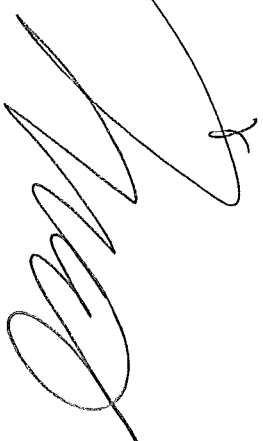
15/11/2022

Laboratory Staff:

Checked by:

瞿偉傑
Chak Wai Kit

R50 postu



15/11/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area 137 Pit A	15/11/2022	0830	Fine / Rain	0	0	0	20.9	17/10/0	8.4
		1330	Fine / Rain	0	0	0	20.9	18/10/1	8.4
		1700	Fine / Rain	0	0	0	20.9	18/10/2	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	18/10/1	8.6
		1330	Fine / Rain	0	0	0	20.9	19/10/1	8.6
		1700	Fine / Rain	0	0	0	20.9	19/10/1	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	17/10/2	10
		1330	Fine / Rain	0	0	0	20.9	18/10/0	10
		1700	Fine / Rain	0	0	0	20.9	18/10/0	10

Name & Designation

Signature

Date

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

18/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

FSO, POCIV



18/11/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	15/11/2022	0830	Fine / Rain	0	0	0	20.9	17/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	18/10/11	5.5
		1700	Fine / Rain	0	0	0	20.9	18/10/12	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	18/10/12	2.5
		1345	Fine / Rain	0	0	0	20.9	19/10/11	2.5
		1645	Fine / Rain	0	0	0	20.9	19/10/11	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

15/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

15/11/2022



15/11/2022

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

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)
Pit B	14-1-2022	08:17	Rain / <u>Fine</u>	0	0	0	20.7	22 / 999	9
		13:44	<u>Fine</u>	0	0	0	20.9	22 / 999	9
		17:28	Fine	0	0	0	20.9	22 / 999	9
Pit D	14-1-2022	08:33	Rain / <u>Fine</u>	0	0	0	20.7	22 / 999	9
		13:28	<u>Fine</u>	0	0	0	20.9	22 / 999	9
		17:01	Fine	0	0	0	20.9	22 / 999	9

Name & Designation: Chan Wai Chi [Wellcon] CP
Signature: 
Date: 14-1-2022
Field Operator: Chan Wai Chi [Wellcon] CP
Laboratory Staff:
Checked by: 翟偉傑 POC JV
Chak Wai Kit

14-1-2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	14/11/2022	0845	Fine / Rain	0	0	0	20.9	16/1010	4.3
	✓	1345	Fine / Rain	0	0	0	20.9	17/1009	4.3
	✓	1645	Fine / Rain	0	0	0	20.9	17/1009	4.3
WPRTTA 4	✓	0845	Fine / Rain	0	0	0	20.9	17/1008	4
	✓	1345	Fine / Rain	0	0	0	20.9	17/1010	4
	✓	1645	Fine / Rain	0	0	0	20.9	17/1010	4

Name & Designation

Signature

Date

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

14/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSO post

14/11/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area 137 Pit A	14/11/2022	0830	Fine / Rain	0	0	0	20.9	16/1100.9	8.4
		1330	Fine / Rain	0	0	0	20.9	17/1100.8	8.4
		1700	Fine / Rain	0	0	0	20.9	16/1101.0	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	16/1101.0	8.6
		1330	Fine / Rain	0	0	0	20.9	16/1101.0	8.6
		1700	Fine / Rain	0	0	0	20.9	17/1101.1	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	17/1100.8	10
		1330	Fine / Rain	0	0	0	20.9	17/1100.8	10
		1700	Fine / Rain	0	0	0	20.9	16/1101.0	10

Name & Designation

Signature

Date

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

14/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RS POCN

14/11/2022

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-2500P (QRAE III)	28 JUL 2021

[illegible]Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])


14/1/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RS почит



14/1/2022

Contract no. 13/MSD/16
 Mainlaying in Tseung Kwan O
 Penta-Ocean - Concentric Joint Venture
Landfill Gas Monitoring – Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
 Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

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)
Pit B	13- 1 -2022	08:08	Rain / Fine	0	0	0	20.5	23 / 999	9
		13:21	Fine	0	0	20.1	22 / 999	9	
		17:49	Fine	0	0	20.9	22 / 999	9	
Pit D	13- 1 -2022	08:19	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:41	Fine	0	0	0	20.9	22 / 999	9
		17:00	Fine	0	0	0	20.9	22 / 999	9

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP. Chan Wai Chi 13-1-2022

Laboratory Staff:

Checked by:

翟偉傑
 Chan Wai Kit
 POC JV

13-1-2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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 3	13/11/2022	0845	Fine / Rain	0	0	0	20.9	16/1008	4.3
		1345	Fine / Rain	0	0	0	20.9	17/1008	4.3
		1645	Fine / Rain	0	0	0	20.9	17/1008	4.3
WPRTTA 4	13/11/2022	0845	Fine / Rain	0	0	0	20.9	17/1008	4
		1345	Fine / Rain	0	0	0	20.9	18/1010	4
		1645	Fine / Rain	0	0	0	20.9	18/1010	4

Name & Designation

Signature

Date

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

13/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

13/11/2022

13/11/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area 137 Pit A	13/1/2022	0830	Fine / Rain	0	0	0	20.9	16/1009	8.4
		1330	Fine / Rain	0	0	0	20.9	17/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	17/1010	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	17/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	18/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	18/1011	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	17/1009	10
		1330	Fine / Rain	0	0	0	20.9	18/1010	10
		1700	Fine / Rain	0	0	0	20.9	18/1010	10

Name & Designation

Signature

Date

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

13/1/2022

Laboratory Staff:

Checked by:

翟偉傑
Cheuk Wai Kit

RSD POCIV

13/1/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission										
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area A	13/11/2022	0830	Fine / Rain	0	0	0	20.9	16/1008	5.5	
		1330	Fine / Rain	0	0	0	20.9	17/1010	5.5	
		✓	Fine / Rain	0	0	0	20.9	17/1010	5.5	
		✓	1700	Fine / Rain	0	0	0	20.9	16/1011	2.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	16/1011	2.5	
		✓	1345	Fine / Rain	0	0	0	20.9	17/1012	2.5
		✓	1645	Fine / Rain	0	0	0	20.9	16/1011	2.5

Name & Designation

Signature

Date

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

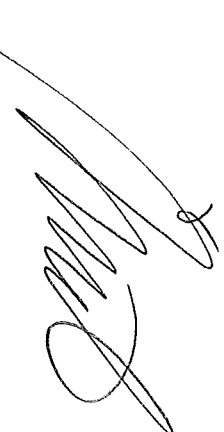
13/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wei Kit

R50 pccv



13/11/2022

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
H1013500PN	25/11/2021

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)
Pit B	12-1-2022	08:07	Rain / Fine	0	0	0	20.1	22 / 999	9
		13:19	Fine	0	0	0	20.9	22 / 999	9
		17:22	Fine	0	0	0	20.9	22 / 999	9

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP 12-1-2022

Laboratory Staff:

Checked by:

翟偉傑
Chan Wai Kit

POCJV

12-1-2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	12/11/2022	0845	Fine / Rain	0	0	0	20.9	15/1011	4.3
		1345	Fine / Rain	0	0	0	20.9	16/1008	4.3
		1645	Fine / Rain	0	0	0	20.9	16/1008	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	16/1008	4
		1345	Fine / Rain	0	0	0	20.9	17/1008	4
		1645	Fine / Rain	0	0	0	20.9	17/1008	4

Name & Designation

Signature

Date

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

12/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chek Wai Kit

RSO POCN



12/11/2022

Contract no. 13/WSD/16
 Mainlaying in Tseung Kwan O
 Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	12/11/2022	0830	Fine / Rain	0	0	0	20.9	15/11011	8.4
		1330	Fine / Rain	0	0	0	20.9	16/11010	8.4
		1700	Fine / Rain	0	0	0	20.9	16/11010	8.4
Area 137 Pit B	12/11/2022	0830	Fine / Rain	0	0	0	20.9	16/11009	8.6
		1330	Fine / Rain	0	0	0	20.9	17/11010	8.6
		1700	Fine / Rain	0	0	0	20.9	17/11010	8.6
Area 137 Pit C	12/11/2022	0830	Fine / Rain	0	0	0	20.9	16/11009	10
		1330	Fine / Rain	0	0	0	20.9	16/11010	10
		1700	Fine / Rain	0	0	0	20.9	17/11009	10

Name & Designation

Signature

Date

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

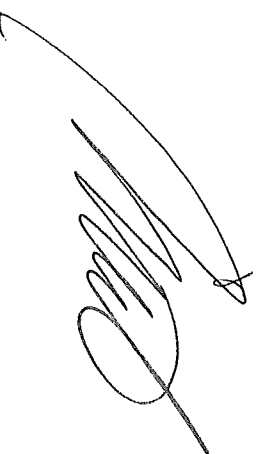
12/11/2022

Laboratory Staff:

Checked by:

翟偉傑
 Chak Wai Kit

ASD person



12/11/2022

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-2500P (QRAE III)	28 JUL 2021

[illegible]Name & Designation

Signature

Date

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


12/1/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSO - POCTV



12/1/2022

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
H1013500PN	25/11/2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time							
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Pit B	11-1-2022	08:18	Rain / Fine	0	0	0	20.7	22 / 999	9
		13:22	Fine	0	0	20.7	22 / 999	9	
		17:14	Fine	0		20.9	22 / 999	9	
Pit D	11-1-2022	08:33	Rain / Fine	0	0	0	20.5	22 / 999	9
		13:42	Fine	0	0	0	20.9	22 / 999	9
		16:47	Fine	0	0	0	20.9	22 / 999	9

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 11-1-2022

Laboratory Staff:

Checked by: 翟偉傑 POCV *Wai Kit* 11-1-2022
Chak Wai Kit

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
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	11/11/2022	0845	Fine / Rain	0	0	0	20.9	14/1010	4.3
	“	1345	Fine / Rain	0	0	0	20.9	16/1011	4.3
	“	1645	Fine / Rain	0	0	0	20.9	16/1011	4.3
WPRTTA 4	“	0845	Fine / Rain	0	0	0	20.9	15/1010	4
	“	1345	Fine / Rain	0	0	0	20.9	16/1011	4
	“	1645	Fine / Rain	0	0	0	20.9	16/1011	4

Name & Designation

Signature

Date

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

11/11/2022

Laboratory Staff:

Checked by:

程偉傑
Chak Wai Kit

PCN ; KSO



11/11/2022

Contract no. 13/WSD/16
 Mainlaying in Tseung Kwan O
 Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	11/11/2022	0830	Fine / Rain	0	0	0	20.9	16/11008	8.4
		1330	Fine / Rain	0	0	0	20.9	16/11000	8.4
		1700	Fine / Rain	0	0	0	20.9	16/11010	8.4
Area 137 Pit B	11/11/2022	0830	Fine / Rain	0	0	0	20.9	15/11011	8.6
		1330	Fine / Rain	0	0	0	20.9	16/11010	8.6
		1700	Fine / Rain	0	0	0	20.9	16/11010	8.6
Area 137 Pit C	11/11/2022	0830	Fine / Rain	0	0	0	20.9	16/11010	10
		1330	Fine / Rain	0	0	0	20.9	17/11011	10
		1700	Fine / Rain	0	0	0	20.9	17/11011	10

Name & Designation

Signature

Date

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

8

11/11/2022

Laboratory Staff:

Checked by:

翟偉傑
 Chek Wai Kit

POCN, RSO

11/11/2022



Mainlaying in Tseung Kwan O

Landfill Gas Monitoring - Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

[illegible]Date

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11/11/2022



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Chak Wai Kit

post, K50

11/1/2022

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
H1013500PN	25/11/2021

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)
Pit B	10-1-2022	08:01	Rain / Fine	0	0	0	20.9	23 / 999	9
		13:18	Fine	0	0	0	20.9	23 / 999	9
		17:22	Fine	0	0	0	20.9	22 / 999	
							/		
							/		
							/		
							/		
							/		
Pit D	10-1-2022	08:19	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:41	Fine	0	0	0	20.9	22 / 999	9
		16:27	Fine	0	0	0	20.9	22 / 999	
							/		
							/		
							/		
							/		
							/		

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP Chan Wai Chi 10-1-2022

Laboratory Staff:

Checked by:

瞿偉傑
Chak Wai Kit

POCM

10-1-2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	10/11/2022	0845	Fine / Rain	0	0	0	20.9	17/10/11	4.3
		1345	Fine / Rain	0	0	0	20.9	18/10/12	4.3
		1645	Fine / Rain	0	0	0	20.9	18/10/12	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	18/10/12	4
		1345	Fine / Rain	0	0	0	20.9	17/10/11	4
		1645	Fine / Rain	0	0	0	20.9	17/10/11	4

Name & Designation

Signature

Date

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

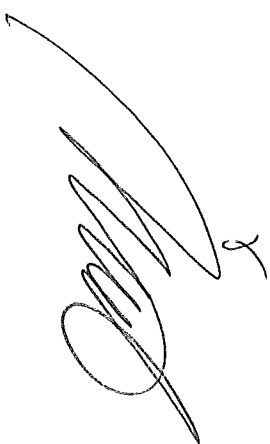
10/11/2022

Laboratory Staff:

翟偉傑
Chak Wai Kit

R50 POC JV

Checked by:


10/11/2022

Contract no. 13/MSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	19/11/2022	0830	Fine / Rain	0	0	0	20.9	19.1/100.9	8.4
		1330	Fine / Rain	0	0	0	20.9	18.7/101.0	8.4
		1700	Fine / Rain	0	0	0	20.9	18.1/101.0	8.4
Area 137 Pit B	19/11/2022	0830	Fine / Rain	0	0	0	20.9	19.1/101.1	8.6
		1330	Fine / Rain	0	0	0	20.9	19.1/101.1	8.6
		1700	Fine / Rain	0	0	0	20.9	19.1/101.1	8.6
Area 137 Pit C	19/11/2022	0830	Fine / Rain	0	0	0	20.9	18.1/100.9	10
		1330	Fine / Rain	0	0	0	20.9	19.1/101.0	10
		1700	Fine / Rain	0	0	0	20.9	19.1/101.0	10

Name & Designation

Signature

Date

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

Y

19/11/2022

Laboratory Staff:

Checked by:

程偉傑
Chak Wai Kit

RSD, PCR



19/11/2022

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-2500P (QRAE III)	28 JUL 2021

[illegible]

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

10/1/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

РСО и РОВ

10/1/2022

Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

[illegible]Date

Chan Wai Chi [Wellcon] CP

Laboratory Staff:

翟偉傑
Chak Wai Kit

8-1-2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	8/11/2022	0845	Fine / Rain	0	0	0	20.9	17.1/1022	4.3
		1345	Fine / Rain	0	0	0	20.9	19.1/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	19.1/1010	4.3
		0845	Fine / Rain	0	0	0	20.9	18.1/1010	4
WPRTTA 4	8/11/2022	1345	Fine / Rain	0	0	0	20.9	19.1/1011	4
		1645	Fine / Rain	0	0	0	20.9	19.1/1011	4

Name & Designation

Signature

Date

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

8/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POC JV RSO



8/11/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	8/11/2022	0830	Fine / Rain	0	0	0	20.9	17.1/10.2	8.4
		1330	Fine / Rain	0	0	0	20.9	18.1/10.0	8.4
		1700	Fine / Rain	0	0	0	20.9	18.1/10.0	8.4
Area 137 Pit B	8/11/2022	0830	Fine / Rain	0	0	0	20.9	17.1/10.0	8.6
		1330	Fine / Rain	0	0	0	20.9	17.1/10.1	8.6
		1700	Fine / Rain	0	0	0	20.9	17.1/10.1	8.6
Area 137 Pit C	8/11/2022	0830	Fine / Rain	0	0	0	20.9	18.1/10.0	10
		1330	Fine / Rain	0	0	0	20.9	17.1/10.1	10
		1700	Fine / Rain	0	0	0	20.9	17.1/10.1	10

Name & Designation

Signature

Date

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

8/11/2022

Laboratory Staff:

Checked by:

瞿偉傑
Chak Wai Kit

RSD

POCTV



8/11/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	8/1/2022	0830	Fine / Rain	0	0	0	20.9	17/10/20	5.5
		1330	Fine / Rain	0	0	0	20.9	18/10/11	5.5
		1700	Fine / Rain	0	0	0	20.9	19/10/11	5.5
		0845	Fine / Rain	0	0	0	20.9	18/10/11	2.5
Area B		1345	Fine / Rain	0	0	0	20.9	19/10/2	2.5
		1645	Fine / Rain	0	0	0	20.9	19/10/2	2.5

Name & Designation

Signature

Date

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

8/1/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSD POSIV

8/1/2022



Name of site: 13/MSD/16 - Mainlaying in Tseung Kwan O
Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

[illegible]Date

2023-1-1

翟偉傑 POCJY
Chak Wai Kit

7-1-2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Monitoring wells / Surface Gas Emission									
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 3	7/11/2022	0845	Fine / Rain	0	0	0	20.9	19/1009	4.3
		1345	Fine / Rain	0	0	0	20.9	20/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	20/1012	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	19/1010	4
		1345	Fine / Rain	0	0	0	20.9	20/1011	4
		1645	Fine / Rain	0	0	0	20.9	20/1011	4

Name & Designation

Signature

Date

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

J

7/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POC JV RSO

[Signature]

7/11/2022

Contract no. 13/WSO/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area 137 Pit A	7/11/2022	0830	Fine / Rain	0	0	0	20.9	18/1010	8.4
		1330	Fine / Rain	0	0	0	20.9	19/1011	8.4
		1700	Fine / Rain	0	0	0	20.9	19/1011	8.4
Area 137 Pit B	7/11/2022	0830	Fine / Rain	0	0	0	20.9	19/1011	8.6
		1330	Fine / Rain	0	0	0	20.9	20/1010	8.6
		1700	Fine / Rain	0	0	0	20.9	20/1010	8.6
Area 137 Pit C	7/11/2022	0830	Fine / Rain	0	0	0	20.9	18/1011	10
		1330	Fine / Rain	0	0	0	20.9	19/1010	10
		1700	Fine / Rain	0	0	0	20.9	19/1010	10

Name & Designation

Signature

Date

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

Y

7/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

PACTV, R50



7/11/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area A	7/11/2022	0830	Fine / Rain	0	0	0	20.9	19/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	20/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	20/10/12	5.5
		0845	Fine / Rain	0	0	0	20.9	18/10/10	2.5
Area B	7/11/2022	1345	Fine / Rain	0	0	0	20.9	19/10/11	2.5
		1645	Fine / Rain	0	0	0	20.9	18/10/11	2.5

Name & Designation

Signature

Date

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

7/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POC JV R50

7/11/2022

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring-Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
H1013500PN	25/11/2021

[illegible]Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi [Wellcon] CP - don't do it - /

Laboratory Staff:

Checked by:

翟偉傑 PO CJV
Chak Wai Kit

6-1-2022

Mainlaying in Tseung Kwan O

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

Date of measurement: -

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

[illegible]Date

7

6/11/2022

Checked by:

翟偉傑
Chak Wai Kit

Р50 7067N



6/1/2022

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area 137 Pit A	6/11/2022	0830	Fine / Rain	0	0	0	20.9	20.1/1011	8.4
	11	1330	Fine / Rain	0	0	0	20.9	21.1/1011	8.4
	11	1700	Fine / Rain	0	0	0	20.9	21.1/1012	8.4
Area 137 Pit B	11	0830	Fine / Rain	0	0	0	20.9	19.1/1012	8.6
	11	1330	Fine / Rain	0	0	0	20.9	20.1/1012	8.6
	11	1700	Fine / Rain	0	0	0	20.9	20.1/1012	8.6
Area 137 Pit C	11	0830	Fine / Rain	0	0	0	20.9	19.1/1012	10
	11	1330	Fine / Rain	0	0	0	20.9	20.1/1011	10
	11	1700	Fine / Rain	0	0	0	20.9	21.1/1011	10

Name & Designation

Signature

Date

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

8

6/11/2022

Laboratory Staff:

Checked by:

程偉傑
Chris Wei Kit

PCCV RSO



6/11/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
Area A	6/11/2022	0830	Fine / Rain	0	0	0	20.9	20/1011	5.5
		1330	Fine / Rain	0	0	0	20.9	21/1012	5.5
		1700	Fine / Rain	0	0	0	20.9	21/1012	5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	20/1010	2.5
		1345	Fine / Rain	0	0	0	20.9	21/1011	2.5
		1645	Fine / Rain	0	0	0	20.9	21/1011	2.5

Name & Designation

Signature

Date

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

✓

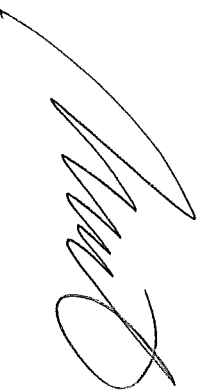
6/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POC JV RSO



6/11/2022

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
H1013500PN	25/11/2021

[illegible]Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi

CPD [Wellcon)

2022
5/1

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

5 - 1 - 2024

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
PGM-2500P (QRAE III)	28 JUL 2021

[illegible]Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POSTV KCD

5/1/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	5/11/2022	0830	Fine / Rain	0	0	0	20.9	20/1011	8.4
		1330	Fine / Rain	0	0	0	20.9	21/1012	8.4
		1700	Fine / Rain	0	0	0	20.9	21/1012	8.4
Area 137 Pit B	5/11/2022	0830	Fine / Rain	0	0	0	20.9	20/1012	8.6
		1330	Fine / Rain	0	0	0	20.9	21/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	21/1011	8.6
Area 137 Pit C	5/11/2022	0830	Fine / Rain	0	0	0	20.9	19/1009	10
		1330	Fine / Rain	0	0	0	20.9	20/1011	10
		1700	Fine / Rain	0	0	0	20.9	20/1011	10

Name & Designation

Signature

Date

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

5/11/2022


Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POCIV R20

5/11/2022



Mainlaying in Tseung Kwan O

Landfill Gas Monitoring - Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

[illegible]Date

511/2022

翟偉傑
Chak Wai Kit

Checked by:

part, KSD



5/6/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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 3	4/11/2022	0845	Fine / Rain	0	0	0	20.9	18.1/1012	4.3
		1345	Fine / Rain	0	0	0	20.9	19.1/1011	4.3
		1645	Fine / Rain	0	0	0	20.9	19.1/1011	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	19.1/1011	4
		1345	Fine / Rain	0	0	0	20.9	20.1/1010	4
		1645	Fine / Rain	0	0	0	20.9	19.1/1011	4

Name & Designation

Signature

Date

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

4/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POCTV R50

4/11/2022

Contract no. 13/WSD/16
 Mainlaying in Tseung Kwan O
 Penta-Ocean - Concentric Joint Venture
Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	4/11/2022	0830	Fine / Rain	0	0	0	20.9	18/11008	8.4
		1330	Fine / Rain	0	0	0	20.9	19/11009	8.4
		1700	Fine / Rain	0	0	0	20.9	20/11010	8.4
Area 137 Pit B	4/11/2022	0830	Fine / Rain	0	0	0	20.9	18/11010	8.6
		1330	Fine / Rain	0	0	0	20.9	19/11010	8.6
		1700	Fine / Rain	0	0	0	20.9	20/11010	8.6
Area 137 Pit C	4/11/2022	0830	Fine / Rain	0	0	0	20.9	19/11011	10
		1330	Fine / Rain	0	0	0	20.9	21/11012	10
		1700	Fine / Rain	0	0	0	20.9	21/11012	10

Name & Designation

Signature

Date

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

4/11/2022

Laboratory Staff:

翟偉傑
 Chak Wai Kit

POLY R50

Checked by:

4/11/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

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	4/11/2022	0830	Fine / Rain	0	0	0	20.9	18/1011	5.5
		1330	Fine / Rain	0	0	0	20.9	19/1012	5.5
		1700	Fine / Rain	0	0	0	20.9	19/1012	5.5
		0845	Fine / Rain	0	0	0	20.9	19/1011	2.5
Area B	✓	1345	Fine / Rain	0	0	0	20.9	20/1012	2.5
		1645	Fine / Rain	0	0	0	20.9	19/1011	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])


4/11/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POCIV RSD



4/11/2022

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
H1013500PN	25/11/2021

[illegible]Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi [Wellcon] CP 

3. 1. 2022

Laboratory Staff:

Checked by:

翟偉傑 POCJY
Chak Wai Kit

RSO

-2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						Remark Depth (m)
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	
WPRTTA 3	3/1/2022	0845	Fine / Rain	0	0	0	20.9	18.1/10.1	4.3
		1345	Fine / Rain	0	0	0	20.9	19.1/10.1	4.3
		1645	Fine / Rain	0	0	0	20.9	19.1/10.1	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	18.1/10.1	4
		1345	Fine / Rain	0	0	0	20.9	19.1/10.1	4
		1645	Fine / Rain	0	0	0	20.9	19.1/10.1	4

Name & Designation

Signature

Date

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

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

P50 pcciv

3/1/2022

3/1/2022

Contract no. 13/MSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500P (QRAE III)	28 JUL 2021

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	31/1/2022	0830	Fine / Rain	0	0	0	20.9	18/1008	8.4
		1330	Fine / Rain	0	0	0	20.9	19/1060	8.4
		1700	Fine / Rain	0	0	0	20.9	19/1010	8.4
Area 137 Pit B	31/1/2022	0830	Fine / Rain	0	0	0	20.9	18/1020	8.6
		1330	Fine / Rain	0	0	0	20.9	20/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	20/1011	8.6
Area 137 Pit C	31/1/2022	0830	Fine / Rain	0	0	0	20.9	18/1011	10
		1330	Fine / Rain	0	0	0	20.9	18/1010	10
		1700	Fine / Rain	0	0	0	20.9	20/1011	10

Name & Designation

Signature

Date

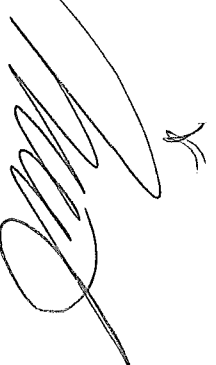
Field Operator: Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

翟偉傑
Chak Wei Kit

R50



31/1/2022

31/1/2022

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
PGM-2500P (QRAE III)	28 JUL 2021

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	3/1/2022.	0830	Fine / Rain	0	0	0	20.9	19/10/1	5.5
		1330	Fine / Rain	0	0	0	20.9	19/10/2	5.5
		1700	Fine / Rain	0	0	0	20.9	18/10/2	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	19/10/2	2.5
		1345	Fine / Rain	0	0	0	20.9	20/10/1	2.5
		1645	Fine / Rain	0	0	0	20.9	19/10/1	2.5

Name & Designation

Signature

Date

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

3/1/2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

RSO pccu



3/1/2022

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

Sampling equipment used:	Dates calibrated
MultIRAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	29/1/2022	8:30	0.0418		
		13:30	0.041		
		15:30	0.0416		
		8:45	0.0415		
Area B	29/1/2022	13:45	0.042		
		15:45	0.041		
		9:15	0.0414		
		14:15	0.0415		
137 Pit C	29/1/2022	16:15	0.0413		
		9:00	0.0413		
		14:00	0.0417		
		16:00	0.0416		
137 Pit B	29/1/2022	9:20	0.0414		
		14:20	0.042		
		16:20	0.0415		
		9:45	0.0413		
137 Pit A	29/1/2022	14:45	0.0419		
		16:45	0.0418		
WPR WF3	29/1/2022				

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

29/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	29/1/2022	9:30	0.042		
		14:30	0.041		
		16:30	0.0415		
		10:00	0.0413		
Pit B	29/1/2022	15:00	0.0415		
		17:00	0.0413		
		10:15	0.0416		
		15:15	0.0413		
Pit D	29/1/2022	17:15	0.0416		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

29/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	28/1/2022	8:30	0.0418	
		13:30	0.0416	
		15:30	0.0413	
Area B	28/1/2022	8:45	0.042	
		13:45	0.0419	
		15:45	0.0419	
137 Pit C	28/1/2022	9:15	0.0419	
		14:15	0.0416	
		16:15	0.0418	
137 Pit B	28/1/2022	9:00	0.0417	
		14:00	0.0414	
		16:00	0.0416	
137 Pit A	28/1/2022	9:20	0.041	
		14:20	0.0418	
		16:20	0.0415	
WPR WF3	28/1/2022	9:45	0.0412	
		14:45	0.042	
		16:45	0.0417	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

28/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	28/1/2022	9:30	0.0412		
		14:30	0.0418		
		16:30	0.0412		
		10:00	0.0418		
Pit B	28/1/2022	15:00	0.0413		
		17:00	0.0417		
		10:15	0.041		
		15:15	0.0414		
Pit D	28/1/2022	17:15	0.0413		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

28/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	27/1/2022	8:30	0.0414	
		13:30	0.0417	
		15:30	0.0418	
Area B	27/1/2022	8:45	0.0414	
		13:45	0.0415	
		15:45	0.041	
137 Pit C	27/1/2022	9:15	0.0415	
		14:15	0.042	
		16:15	0.0419	
137 Pit B	27/1/2022	9:00	0.0416	
		14:00	0.0418	
		16:00	0.0414	
137 Pit A	27/1/2022	9:20	0.0411	
		14:20	0.0418	
		16:20	0.0418	
WPR WF3	27/1/2022	9:45	0.0417	
		14:45	0.042	
		16:45	0.0419	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

27/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	27/1/2022	9:30	0.041	
		14:30	0.0418	
		16:30	0.0418	
Pit B	27/1/2022	10:00	0.0417	
		15:00	0.042	
		17:00	0.0414	
Pit D	27/1/2022	10:15	0.042	
		15:15	0.0417	
		17:15	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

27/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	26/1/2022	8:30	0.0419	
		13:30	0.0414	
		15:30	0.0414	
Area B	26/1/2022	8:45	0.0414	
		13:45	0.041	
		15:45	0.0411	
137 Pit C	26/1/2022	9:15	0.0411	
		14:15	0.041	
		16:15	0.0417	
137 Pit B	26/1/2022	9:00	0.0414	
		14:00	0.0413	
		16:00	0.0419	
137 Pit A	26/1/2022	9:20	0.0412	
		14:20	0.0413	
		16:20	0.0417	
WPR WF3	26/1/2022	9:45	0.0416	
		14:45	0.041	
		16:45	0.0413	

Name & Designation

Signature

Date

Field Operator:

26/1/2022

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

Sampling equipment used:	Dates calibrated
MultIRAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	26/1/2022	9:30	0.0411		
		14:30	0.0419		
		16:30	0.0414		
		10:00	0.0415		
Pit B	26/1/2022	15:00	0.0415		
		17:00	0.0418		
		10:15	0.0413		
		15:15	0.0419		
Pit D	26/1/2022	17:15	0.0419		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

26/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	25/1/2022	8:30		0.0413	
		13:30		0.0414	
		15:30		0.0417	
Area B	25/1/2022	8:45		0.0418	
		13:45		0.0419	
		15:45		0.0411	
137 Pit C	25/1/2022	9:15		0.0414	
		14:15		0.0418	
		16:15		0.042	
137 Pit B	25/1/2022	9:00		0.0417	
		14:00		0.041	
		16:00		0.0417	
137 Pit A	25/1/2022	9:20		0.0413	
		14:20		0.0417	
		16:20		0.0414	
WPR WF3	25/1/2022	9:45		0.0411	
		14:45		0.0419	
		16:45		0.0418	

Name & Designation

Signature

Date

25/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	25/1/2022	9:30	0.0419		
		14:30	0.0414		
		16:30	0.0414		
Pit B	25/1/2022	10:00	0.0418		
		15:00	0.0413		
		17:00	0.0414		
Pit D	25/1/2022	10:15	0.0415		
		15:15	0.042		
		17:15	0.042		

Name & Designation

Signature

Date

Field Operator:

25/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	24/1/2022	8:30	0.0419	
		13:30	0.0418	
		15:30	0.0414	
Area B	24/1/2022	8:45	0.0417	
		13:45	0.0414	
		15:45	0.0418	
137 Pit C	24/1/2022	9:15	0.0417	
		14:15	0.0413	
		16:15	0.041	
137 Pit B	24/1/2022	9:00	0.0419	
		14:00	0.0415	
		16:00	0.0417	
137 Pit A	24/1/2022	9:20	0.0419	
		14:20	0.0413	
		16:20	0.0416	
WPR WF3	24/1/2022	9:45	0.0413	
		14:45	0.0411	
		16:45	0.0417	

Name & Designation

Signature

Date

Field Operator:

24/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	24/1/2022	9:30	0.041		
		14:30	0.0413		
		16:30	0.0419		
		10:00	0.0415		
Pit B	24/1/2022	15:00	0.0411		
		17:00	0.0419		
		10:15	0.0411		
		15:15	0.0418		
Pit D	24/1/2022	17:15	0.0412		

Name & Designation

Signature

Date

Field Operator:

24/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	22/1/2022	8:30		0.0417	
		13:30		0.0419	
		15:30		0.0412	
		8:45		0.0412	
Area B	22/1/2022	13:45		0.0412	
		15:45		0.0417	
		9:15		0.0416	
		14:15		0.0418	
137 Pit C	22/1/2022	16:15		0.0417	
		9:00		0.0412	
		14:00		0.0416	
		16:00		0.042	
137 Pit B	22/1/2022	9:20		0.0414	
		14:20		0.0418	
		16:20		0.0419	
		9:45		0.0415	
137 Pit A	22/1/2022	14:45		0.0413	
		16:45		0.0412	
WPR WF3	22/1/2022				

Name & Designation

Signature

Date

Field Operator:

22/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	22/1/2022	9:30		0.0411	
		14:30		0.0419	
		16:30		0.0417	
		10:00		0.0417	
Pit B	22/1/2022	15:00		0.0414	
		17:00		0.0416	
		10:15		0.0415	
		15:15		0.0415	
Pit D	22/1/2022	17:15		0.0412	

Name & Designation

Signature

Date

Field Operator:

22/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	21/1/2022	8:30	0.042	
		13:30	0.0419	
		15:30	0.0416	
Area B	21/1/2022	8:45	0.0416	
		13:45	0.0412	
		15:45	0.0413	
137 Pit C	21/1/2022	9:15	0.0417	
		14:15	0.0417	
		16:15	0.042	
137 Pit B	21/1/2022	9:00	0.0418	
		14:00	0.0411	
		16:00	0.0419	
137 Pit A	21/1/2022	9:20	0.0414	
		14:20	0.0419	
		16:20	0.0415	
WPR WF3	21/1/2022	9:45	0.042	
		14:45	0.0411	
		16:45	0.0413	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

21/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	21/1/2022	9:30	0.0419		
		14:30	0.0415		
		16:30	0.0415		
		10:00	0.0419		
Pit B	21/1/2022	15:00	0.0414		
		17:00	0.0412		
		10:15	0.0417		
		15:15	0.0414		
Pit D	21/1/2022	17:15	0.0412		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

21/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	20/1/2022	8:30		0.0414	
		13:30		0.041	
		15:30		0.0418	
		8:45		0.0415	
Area B	20/1/2022	13:45		0.0413	
		15:45		0.0417	
		9:15		0.0412	
		14:15		0.0419	
137 Pit C	20/1/2022	16:15		0.0417	
		9:00		0.0411	
		14:00		0.0416	
		16:00		0.0416	
137 Pit B	20/1/2022	9:20		0.0414	
		14:20		0.0411	
		16:20		0.0413	
		9:45		0.0412	
137 Pit A	20/1/2022	14:45		0.041	
		16:45		0.0414	
		9:45		0.0412	
		14:45		0.041	
WPR WF3	20/1/2022	16:45		0.0414	
		9:45		0.0412	
		14:45		0.041	
		16:45		0.0414	

Name & Designation

Signature

Date

Field Operator:

20/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	20/1/2022	9:30	0.042	
		14:30	0.0419	
		16:30	0.0413	
Pit B	20/1/2022	10:00	0.0412	
		15:00	0.0412	
		17:00	0.042	
Pit D	20/1/2022	10:15	0.0419	
		15:15	0.0418	
		17:15	0.0411	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

20/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	19/1/2022	8:30		0.0414	
		13:30		0.0419	
		15:30		0.041	
		8:45		0.0413	
Area B	19/1/2022	13:45		0.0417	
		15:45		0.0412	
		9:15		0.0416	
		14:15		0.0419	
137 Pit C	19/1/2022	16:15		0.0417	
		9:00		0.0418	
		14:00		0.0412	
		16:00		0.0415	
137 Pit B	19/1/2022	9:20		0.0418	
		14:20		0.041	
		16:20		0.0413	
		9:45		0.042	
137 Pit A	19/1/2022	14:45		0.0416	
		16:45		0.0417	
WPR WF3	19/1/2022				

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

19/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	19/1/2022	9:30		0.0413	
		14:30		0.0417	
		16:30		0.0416	
Pit B	19/1/2022	10:00		0.0417	
		15:00		0.042	
		17:00		0.0419	
Pit D	19/1/2022	10:15		0.041	
		15:15		0.042	
		17:15		0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

19/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	18/1/2022	8:30		0.041	
		13:30		0.042	
		15:30		0.041	
		8:45		0.0415	
Area B	18/1/2022	13:45		0.0416	
		15:45		0.0418	
		9:15		0.0416	
		14:15		0.0416	
137 Pit C	18/1/2022	16:15		0.0417	
		9:00		0.0416	
		14:00		0.042	
		16:00		0.0418	
137 Pit B	18/1/2022	9:20		0.042	
		14:20		0.042	
		16:20		0.0414	
		9:45		0.0411	
137 Pit A	18/1/2022	14:45		0.0415	
		16:45		0.0419	
WPR WF3	18/1/2022				

Name & Designation

Signature

Date

Field Operator:

18/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	18/1/2022	9:30	0.0411	
		14:30	0.0412	
		16:30	0.0417	
		10:00	0.0417	
Pit B	18/1/2022	15:00	0.0415	
		17:00	0.0411	
		10:15	0.0419	
		15:15	0.0416	
Pit D	18/1/2022	17:15	0.0414	

Name & Designation

Signature

Date

Field Operator:

18/1/2022

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

Sampling equipment used:	Dates calibrated
MultIRAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	17/1/2022	8:30		0.0415	
		13:30		0.042	
		15:30		0.0414	
Area B	17/1/2022	8:45		0.0417	
		13:45		0.0412	
		15:45		0.0412	
137 Pit C	17/1/2022	9:15		0.0419	
		14:15		0.0418	
		16:15		0.0417	
137 Pit B	17/1/2022	9:00		0.0414	
		14:00		0.0413	
		16:00		0.0419	
137 Pit A	17/1/2022	9:20		0.041	
		14:20		0.0414	
		16:20		0.042	
WPR WF3	17/1/2022	9:45		0.0419	
		14:45		0.0412	
		16:45		0.0414	

Name & Designation

Signature

Date

Field Operator:

17/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	17/1/2022	9:30	0.041		
		14:30	0.041		
		16:30	0.0415		
Pit B	17/1/2022	10:00	0.0415		
		15:00	0.0415		
		17:00	0.041		
Pit D	17/1/2022	10:15	0.0412		
		15:15	0.041		
		17:15	0.0412		

Name & Designation

Signature

Date

Field Operator:

17/1/2022

Laboratory Staff:

Checked by:

Contract no. 13/MSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	15/1/2022	8:30	0.0413	
		13:30	0.0418	
		15:30	0.0411	
Area B	15/1/2022	8:45	0.0413	
		13:45	0.042	
		15:45	0.0411	
137 Pit C	15/1/2022	9:15	0.041	
		14:15	0.0419	
		16:15	0.0412	
137 Pit B	15/1/2022	9:00	0.041	
		14:00	0.0412	
		16:00	0.0418	
137 Pit A	15/1/2022	9:20	0.0414	
		14:20	0.041	
		16:20	0.0416	
WPR WF3	15/1/2022	9:45	0.0418	
		14:45	0.0412	
		16:45	0.0413	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

15/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	15/1/2022	9:30	0.0416		
		14:30	0.0411		
		16:30	0.0418		
Pit B	15/1/2022	10:00	0.041		
		15:00	0.0416		
		17:00	0.0414		
Pit D	15/1/2022	10:15	0.0415		
		15:15	0.041		
		17:15	0.042		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

15/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	14/1/2022	8:30		0.0411	
		13:30		0.0412	
		15:30		0.0419	
Area B	14/1/2022	8:45		0.0417	
		13:45		0.042	
		15:45		0.0414	
		9:15		0.042	
137 Pit C	14/1/2022	14:15		0.041	
		16:15		0.0414	
		9:00		0.0419	
137 Pit B	14/1/2022	14:00		0.042	
		16:00		0.0414	
		9:20		0.0417	
137 Pit A	14/1/2022	14:20		0.0416	
		16:20		0.0419	
		9:45		0.0416	
WPR WF3	14/1/2022	14:45		0.0419	
		16:45		0.0413	

Name & Designation

Signature

Date

Field Operator:

14/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	14/1/2022	9:30	0.0416		
		14:30	0.0411		
		16:30	0.0412		
		10:00	0.0417		
Pit B	14/1/2022	15:00	0.0418		
		17:00	0.0416		
		10:15	0.0414		
		15:15	0.042		
Pit D	14/1/2022	17:15	0.0416		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

14/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
IM01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	13/1/2022	8:30	0.0413		
		13:30	0.0412		
		15:30	0.0414		
		8:45	0.0413		
Area B	13/1/2022	13:45	0.0413		
		15:45	0.0412		
		9:15	0.0418		
		14:15	0.0412		
137 Pit C	13/1/2022	16:15	0.0413		
		9:00	0.0418		
		14:00	0.0411		
		16:00	0.0416		
137 Pit B	13/1/2022	9:20	0.0413		
		14:20	0.0417		
		16:20	0.0411		
		9:45	0.0417		
137 Pit A	13/1/2022	14:45	0.0419		
		16:45	0.0411		
		9:45	0.0417		
		14:45	0.0419		
WPR WF3	13/1/2022	16:45	0.0411		
		9:45	0.0417		
		14:45	0.0419		
		16:45	0.0411		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

13/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	13/1/2022	9:30	0.041		
		14:30	0.0411		
		16:30	0.0414		
		10:00	0.0418		
Pit B	13/1/2022	15:00	0.0415		
		17:00	0.0414		
		10:15	0.0416		
		15:15	0.0418		
Pit D	13/1/2022	17:15	0.0416		

Name & Designation

Signature

Date

Field Operator:

13/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	12/1/2022	8:30		0.041	
		13:30		0.0413	
		15:30		0.0414	
		8:45		0.0412	
Area B	12/1/2022	13:45		0.0415	
		15:45		0.0414	
		9:15		0.0412	
		14:15		0.0411	
137 Pit C	12/1/2022	16:15		0.0416	
		9:00		0.0412	
		14:00		0.0418	
		16:00		0.0412	
137 Pit B	12/1/2022	9:20		0.0413	
		14:20		0.0419	
		16:20		0.0416	
		9:45		0.0418	
137 Pit A	12/1/2022	14:45		0.0412	
		16:45		0.0413	
		9:45		0.0418	
		14:45		0.0412	
WPR WF3	12/1/2022	16:45		0.0413	
		9:45		0.0418	
		14:45		0.0412	
		16:45		0.0413	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

12/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	12/1/2022	9:30	0.0417	
		14:30	0.0416	
		16:30	0.0417	
		10:00	0.0412	
Pit B	12/1/2022	15:00	0.0419	
		17:00	0.0419	
		10:15	0.0417	
		15:15	0.0419	
Pit D	12/1/2022	17:15	0.0418	

Name & Designation

Signature

Date

Field Operator:

12/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	11/1/2022	8:30	0.0414	
		13:30	0.0419	
		15:30	0.0417	
		8:45	0.0414	
Area B	11/1/2022	13:45	0.0417	
		15:45	0.0415	
		9:15	0.0415	
		14:15	0.042	
137 Pit C	11/1/2022	16:15	0.0414	
		9:00	0.0415	
		14:00	0.0416	
		16:00	0.0412	
137 Pit B	11/1/2022	9:20	0.0418	
		14:20	0.042	
		16:20	0.0418	
		9:45	0.0412	
137 Pit A	11/1/2022	14:45	0.0411	
		16:45	0.0416	
		11/1/2022		
WPR WF3	11/1/2022			

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

11/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	11/1/2022	9:30	0.042		
		14:30	0.0416		
		16:30	0.0415		
		10:00	0.042		
Pit B	11/1/2022	15:00	0.0419		
		17:00	0.0413		
		10:15	0.0417		
		15:15	0.0419		
Pit D	11/1/2022	17:15	0.0415		

Name & Designation

Signature

Date

Field Operator:

11/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	10/1/2022	8:30	0.0413		
		13:30	0.0416		
		15:30	0.0415		
Area B	10/1/2022	8:45	0.0419		
		13:45	0.0418		
		15:45	0.0418		
137 Pit C	10/1/2022	9:15	0.0413		
		14:15	0.0414		
		16:15	0.0418		
137 Pit B	10/1/2022	9:00	0.0411		
		14:00	0.0415		
		16:00	0.0413		
137 Pit A	10/1/2022	9:20	0.0414		
		14:20	0.0415		
		16:20	0.0416		
WPR WF3	10/1/2022	9:45	0.0415		
		14:45	0.0419		
		16:45	0.0412		

Name & Designation

Signature

Date

Field Operator:

10/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	10/1/2022	9:30	0.0416		
		14:30	0.0412		
		16:30	0.0419		
		10:00	0.0412		
Pit B	10/1/2022	15:00	0.041		
		17:00	0.041		
		10:15	0.041		
		15:15	0.0414		
Pit D	10/1/2022	17:15	0.0413		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

10/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	8/1/2022	8:30	0.0414		
		13:30	0.0419		
		15:30	0.0414		
Area B	8/1/2022	8:45	0.0412		
		13:45	0.0416		
		15:45	0.0411		
137 Pit C	8/1/2022	9:15	0.0413		
		14:15	0.0411		
		16:15	0.0419		
137 Pit B	8/1/2022	9:00	0.0412		
		14:00	0.0417		
		16:00	0.0417		
137 Pit A	8/1/2022	9:20	0.0419		
		14:20	0.0416		
		16:20	0.0414		
WPR WF3	8/1/2022	9:45	0.0412		
		14:45	0.0413		
		16:45	0.0416		

Name & Designation

Signature

Date

Field Operator:

8/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	8/1/2022	9:30	0.041		
		14:30	0.0415		
		16:30	0.041		
		10:00	0.0417		
Pit B	8/1/2022	15:00	0.0413		
		17:00	0.0412		

Name & Designation

Signature

Date

Field Operator:

8/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
IM01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	7/1/2022	8:30	0.0415	
		13:30	0.0417	
		15:30	0.0417	
Area B	7/1/2022	8:45	0.0417	
		13:45	0.0417	
		15:45	0.0414	
137 Pit C	7/1/2022	9:15	0.0416	
		14:15	0.042	
		16:15	0.0418	
137 Pit B	7/1/2022	9:00	0.0418	
		14:00	0.0411	
		16:00	0.0414	
137 Pit A	7/1/2022	9:20	0.0419	
		14:20	0.0411	
		16:20	0.041	
WPR WF3	7/1/2022	9:45	0.0415	
		14:45	0.0411	
		16:45	0.0411	

Name & Designation

Signature

Date

Field Operator:

7/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	7/1/2022	9:30	0.0416		
		14:30	0.0419		
		16:30	0.0414		
		10:00	0.0416		
Pit B	7/1/2022	15:00	0.0419		
		17:00	0.0412		

Name & Designation

Signature

Date

Field Operator:

7/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	6/1/2022	8:30	0.042		
		13:30	0.0412		
		15:30	0.0415		
Area B	6/1/2022	8:45	0.0412		
		13:45	0.041		
		15:45	0.042		
137 Pit C	6/1/2022	9:15	0.0418		
		14:15	0.0417		
		16:15	0.0414		
137 Pit B	6/1/2022	9:00	0.0417		
		14:00	0.042		
		16:00	0.0411		
137 Pit A	6/1/2022	9:20	0.042		
		14:20	0.0411		
		16:20	0.042		
WPR WF3	6/1/2022	9:45	0.0414		
		14:45	0.0417		
		16:45	0.0413		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

6/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	6/1/2022	9:30	0.0412		
		14:30	0.0415		
		16:30	0.042		
		10:00	0.042		
Pit B	6/1/2022	15:00	0.0416		
		17:00	0.0419		

Name & Designation

Signature

Date

Field Operator:

6/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
IM01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	5/1/2022	8:30	0.0414		
		13:30	0.0418		
		15:30	0.0413		
		8:45	0.0418		
Area B	5/1/2022	13:45	0.0419		
		15:45	0.0418		
		9:15	0.0412		
		14:15	0.0419		
137 Pit C	5/1/2022	16:15	0.0416		
		9:00	0.042		
		14:00	0.0419		
		16:00	0.042		
137 Pit B	5/1/2022	9:20	0.0413		
		14:20	0.0415		
		16:20	0.0413		
		9:45	0.0416		
137 Pit A	5/1/2022	14:45	0.0413		
		16:45	0.0416		
WPR WF3	5/1/2022				

Name & Designation

Signature

Date

Field Operator:

5/1/2022

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

Sampling equipment used:	Dates calibrated
MultIRAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	5/1/2022	9:30	0.0419		
		14:30	0.0412		
		16:30	0.0412		
		10:00	0.0414		
Pit B	5/1/2022	15:00	0.042		
		17:00	0.0412		

Name & Designation

Signature

Date

Field Operator:

5/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
Area A	4/1/2022	8:30		0.042	
		13:30		0.0413	
		15:30		0.0412	
		8:45		0.0414	
Area B	4/1/2022	13:45		0.041	
		15:45		0.0415	
		9:15		0.0412	
		14:15		0.0413	
137 Pit C	4/1/2022	16:15		0.041	
		9:00		0.0414	
		14:00		0.0416	
		16:00		0.0411	
137 Pit B	4/1/2022	9:20		0.0413	
		14:20		0.0417	
		16:20		0.041	
		9:45		0.041	
137 Pit A	4/1/2022	14:45		0.0414	
		16:45		0.0416	
WPR WF3	4/1/2022				

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

4/1/2022

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	4/1/2022	9:30	0.041		
		14:30	0.0411		
		16:30	0.0419		
		10:00	0.042		
Pit B	4/1/2022	15:00	0.0417		
		17:00	0.0417		

Name & Designation

Signature

Date

4/1/2022

Field Operator:

Laboratory Staff:

Checked by:

Contract no. 13/MSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
MultirAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	3/1/2022	8:30	0.0417	
		13:30	0.0411	
		15:30	0.0416	
Area B	3/1/2022	8:45	0.0415	
		13:45	0.0419	
		15:45	0.0416	
137 Pit C	3/1/2022	9:15	0.0417	
		14:15	0.0414	
		16:15	0.0417	
137 Pit B	3/1/2022	9:00	0.041	
		14:00	0.041	
		16:00	0.0413	
137 Pit A	3/1/2022	9:20	0.042	
		14:20	0.0414	
		16:20	0.0413	
WPR WF3	3/1/2022	9:45	0.041	
		14:45	0.0415	
		16:45	0.0413	

Name & Designation

Signature

Date

3/1/2022

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

Sampling equipment used:	Dates calibrated
MultIRAE Lite, PGM-6208	6/4/2021
M01C031772	

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission		Remark
			Carbon Dioxide (%)		
WRP WF4	3/1/2022	9:30	0.0413		
		14:30	0.0419		
		16:30	0.041		
		10:00	0.0419		
Pit B	3/1/2022	15:00	0.0412		
		17:00	0.0411		

Name & Designation

Signature

Date

Field Operator:

3/1/2022

Laboratory Staff:

Checked by: