

Appendix J

Landfill Gas Monitoring Data

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	4/12/2022	0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	13/1009	4
		1345	Fine / Rain	0	0	0	20.9	15/1010	4
		1645	Fine / Rain	0	0	0	20.9	16/1010	4

Name & Designation

Signature

Date

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

Laboratory Staff:

Checked by:

Ng Chung Long Sam pook

Y
A

4/12/2022

4/12/2022

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	5/12/2022	0845	Fine / Rain	0	0	0	20.9	14/10/0	4
	"	1345	Fine / Rain	0	0	0	20.9	15/10/1	4
	"	1645	Fine / Rain	0	0	0	20.9	16/10/1	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam Ng Chung Lung POCVTV



5/12/2022

Checked by:

5/12/2022

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	7/12/2022	0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	15/1008	4
		1345	Fine / Rain	0	0	0	20.9	16/1010	4
		1645	Fine / Rain	0	0	0	20.9	16/1010	4

Name & Designation

Signature

Date

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

Laboratory Staff:

Sara POCV

Checked by:

Ng Chung Long

Y
✱

7/12/2022

7/12/2022

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

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

Sampling equipment used:	Dates calibrated
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	7-2-2022	08:11	Rain / (Fine)	0	0	0	20.9	21 / 999	9
		13:18	Fine	0	0	0	20.9	22 / 999	9
		16:21	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
								/	
								/	
								/	
Pit D	7-7-2022	08:30	Fine	0	0	0	20.9	22 / 999	9
		13:32	Fine	0	0	0	20.9	22 / 999	9
		16:50	Fine	0	0	0	20.9	21 / 999	9
								/	
								/	
								/	

Field Operator: Chan Wai Chi [Wellcon] CP  7-2-2022

Laboratory Staff:

Checked by:  7-2-2022

Chak Wai Kit POCJV

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	8/2/2022	0845	Fine / Rain	0	0	0	20.9	16/10/11	4
	"	1345	Fine / Rain	0	0	0	20.9	17/10/11	4
	"	1645	Fine / Rain	0	0	0	20.9	18/10/11	4

Name & Designation

Signature

Date

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

Laboratory Staff:

Sam Ng Chung Long POCJV

Checked by:

8/2/2022

8/12/2022

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

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

Sampling equipment used:	Dates calibrated
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	8-2-2022	08:107	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:14	Fine	0	0	0	20.9	22 / 999	9
		16:29	Fine	0	0	0	20.9	22 / 999	9
								/	
Pit D	8-2-2022	08:126	Fine	0	0	0	20.9	21 / 999	9
		13:31	Fine	0	0	0	20.9	22 / 999	9
		16:44	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
								/	
								/	
								/	

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi

[Wellcon] CP



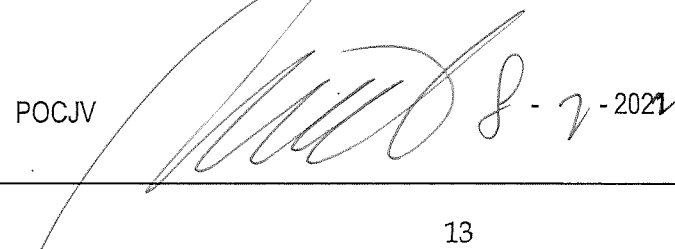
8-2-2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POCV

 8-2-2022

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	9/2/2022	0830	Fine / Rain	0	0	0	20.9	15/10/11	5.5
	"	1330	Fine / Rain	0	0	0	20.9	16/10/12	5.5
	"	1700	Fine / Rain	0	0	0	20.9	16/10/12	5.5
Area B	"	0845	Fine / Rain	0	0	0	20.9	16/10/11	2.5
	"	1345	Fine / Rain	0	0	0	20.9	17/10/12	2.5
	"	1645	Fine / Rain	0	0	0	20.9	17/10/12	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam Ng Chung Long POC JV

Checked by:

9/2/2022

9/12/2022

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	9/2/2022	0845	Fine / Rain	0	0	0	20.9	16/10/0.	4
		1345	Fine / Rain	0	0	0	20.9	17/10/0.	4
		1645	Fine / Rain	0	0	0	20.9	17/10/1	4

Name & Designation

Signature

Date

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

Laboratory Staff:

Sam (POCTV)

Checked by:

Ng Chung Long.

✓
A.

9/2/2022.

9/12/2022

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

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

Sampling equipment used:	Dates calibrated
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	9-2-2022	08:07	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:02	Fine	0	0	0	20.9	22 / 999	9
		16:39	Fine	0	0	0	20.9	21 / 998	9
								/	
								/	
								/	
								/	
								/	
Pit D	9-2-2022	08:31	Fine	0	0	0	20.9	22 / 999	9
		13:41	Fine	0	0	0	20.9	22 / 997	9
		17:00	Fine	0	0	0	20.9	22 / 998	9
								/	
								/	
								/	

Name & Designation

Signature

Date


Field Operator:

Chan Wai Chi [Wellcon] CP  9-2-2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit POCJV

 9-2-2022

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	10/2/2022	0845	Fine / Rain	0	0	0	20.9	17/10/11	4
		1345	Fine / Rain	0	0	0	20.9	18/10/10	4
		1645	Fine / Rain	0	0	0	20.9	18/10/11	4

Name & Designation

Signature

Date

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

Laboratory Staff:

Sam Ng Chung Long, POC IV

Checked by:

10/2/2022

10.2.2022

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	10-2-2022	08:05	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:04	Fine	0	0	0	20.9	22 / 999	9
		16:31	Fine	0	0	0	20.9	21 / 999	9
								/	
								/	
								/	
								/	
								/	
Pit D	10-2-2022	08:25	Fine	0	0	0	20.9	22 / 999	9
		13:29	Fine	0	0	0	20.9	22 / 999	9
		16:02	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
								/	

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 10-2-2022

Laboratory Staff:

Checked by:

瞿偉傑
Chak Wai Kit POCJV

Chak Wai Kit 10-2-2022

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	11/2/2022	0845	Fine / Rain	0	0	0	20.9	17/1011	4
		1345	Fine / Rain	0	0	0	20.9	20/1009	4
		1645	Fine / Rain	0	0	0	20.9	19/1010	4

Name & Designation

Signature

Date

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

Laboratory Staff: Sam

Checked by: Ng Chung Long - POC JV

Y

✱

11/2/2022

11/2/2022

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	11/2/2022	0830	Fine / Rain	0	0	0	20.9	17/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	18/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	18/10/11	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	18/10/11	2.5
		1345	Fine / Rain	0	0	0	20.9	19/10/12	2.5
		1645	Fine / Rain	0	0	0	20.9	18/10/12	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

11/2/2022

Laboratory Staff:

Sam Ng Chung Long POC JV

A

11/2/2022

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-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	10/2/2022	0830	Fine / Rain	0	0	0	20.9	16/1010	5.5
	"	1330	Fine / Rain	0	0	0	20.9	17/1011	5.5
	"	1700	Fine / Rain	0	0	0	20.9	17/1011	5.5
Area B	"	0845	Fine / Rain	0	0	0	20.9	17/1008	2.5
	"	1345	Fine / Rain	0	0	0	20.9	17/1010	2.5
	"	1645	Fine / Rain	0	0	0	20.9	16/1010	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



10/2/2022

Laboratory Staff:

Sam Ng Chung Long, POCU



10/2/2022

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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	11-2-2022	08:33	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:08	Fine	0	0	0	20.9	22 / 999	9
		16:07	Fine	0	0	0	20.9	21 / 999	9
								/	
								/	
								/	
								/	
Pit D	11-2-2022	09:10	Fine	0	0	0	20.9	21 / 999	9
		13:41	Fine	0	0	0	20.9	22 / 999	9
		17:08	Fine	0	0	0	22.9	22 / 999	9
								/	
								/	
								/	

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP 11-2-2022

Laboratory Staff:

Checked by: 翟偉傑 POCJV 11-2-2022

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	12/2/2022	0845	Fine / Rain	0	0	0	20.9	17/1010.	4
		1345	Fine / Rain	0	0	0	20.9	18/1009	4
		1645	Fine / Rain	0	0	0	20.9	18/1009	4

Name & Designation

Signature

Date

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

Laboratory Staff:

Checked by:

Sam Ng Chung Long
poc@IV

Y

X.

12/2/2022

12.2.2022

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	12/2/2022	0830	Fine / Rain	0	0	0	20.9	18/10/11	5.5
	"	1330	Fine / Rain	0	0	0	20.9	18/10/12	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	17/10/09	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

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	Jock Lee (Competent Person [CO-310218])		12/2/2022
Laboratory Staff:	Sam Ng Chung Long		12-2-2022
Checked by:			

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

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

Sampling equipment used:	Dates calibrated
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	12-2-2022	08:33	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:41	Fine	0	0	0	20.9	22 / 999	9
		16:33	Fine	0	0	0	20.9	21 / 999	9
								/	
								/	
								/	
								/	
								/	
Pit D	12-2-2022	08:10	Fine	0	0	0	20.9	21 / 999	9
		13:20	Fine	0	0	0	20.9	22 / 999	9
		17:01	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
								/	

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 12-2-2022

Laboratory Staff:

Checked by: *翟偉傑* POCJV *Chak Wai Kit* 12-2-2022

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	14/2/2022	0845	Fine / Rain	0	0	0	20.9	17/1010	4
		1345	Fine / Rain	0	0	0	20.9	18/1009	4
		1645	Fine / Rain	0	0	0	20.9	18/1009	4

Name & Designation

Signature

Date

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

Laboratory Staff:

Sam Ng Chung Long
POCJV

Checked by:

14/2/2022

14.2.2022

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	14/2/2022	0830	Fine / Rain	0	0	0	20.9	17/1011	5.5
	"	1330	Fine / Rain	0	0	0	20.9	18/1012	5.5
	"	1700	Fine / Rain	0	0	0	20.9	18/1012	5.5
Area B	"	0845	Fine / Rain	0	0	0	20.9	17/1011	2.5
	"	1345	Fine / Rain	0	0	0	20.9	18/1012	2.5
	"	1645	Fine / Rain	0	0	0	20.9	18/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

J

14/2/2022

Laboratory Staff:

Sam Ng Cheng Long

Star

14.2.2022

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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	14-2-2022	08:17	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:01	Fine	0	0	0	20.9	22 / 998	9
		16:43	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
A	14-2-2022	08:22	Fine	0	0	0	20.9	22 / 999	8
		13:11	Fine	0	0	0	20.9	22 / 998	8
		16:50	Fine	0	0	0	20.9	22 / 999	8
								/	
D	14-2-2022	08:33	Fine	0	0	0	20.9	21 / 999	9
		13:28	Fine	0	0	0	20.9	22 / 998	9
		17:04	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	

Name & Designation

Signature

Date

Field Operator:


Chan Wai Chi [Wellcon] CP  14-2-2022

Laboratory Staff:

Checked by:

翟偉傑
Chek Wai Kit

POCJV

 14-2-2022

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	15/2/2022	0830	Fine / Rain	0	0	0	20.9	18/1009	5.5
	--	1330	Fine / Rain	0	0	0	20.9	19/1011	5.5
	--	1700	Fine / Rain	0	0	0	20.9	19/1011	5.5
Area B	--	0845	Fine / Rain	0	0	0	20.9	18/1009	2.5
	--	1345	Fine / Rain	0	0	0	20.9	19/1011	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])

Laboratory Staff:

Sam Ng Chung Long

Checked by:




15/2/2022

15.2.2022

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	15/2/2022	0845	Fine / Rain	0	0	0	20.9	17/10/0	4
	--	1345	Fine / Rain	0	0	0	20.9	18/10/09	4
	--	1645	Fine / Rain	0	0	0	20.9	18/10/09	4

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

Laboratory Staff: SAM. NG Chung Long

Checked by: pocjv

Signature



Date

15/2/2022

15/2/2022

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	15-2-2022	08:17	Rain / Fine	0	0	0	20.9	22/ 999	9
		13:04	Fine	0	0	0	20.9	22/ 999	9
		16:33	Fine	0	0	0	20.9	22/ 999	9
A	15-2-2022	08:21	Fine	0	0	0	20.9	21/ 999	8
		13:10	Fine	0	0	0	20.9	22/ 999	8
		16:39	Fine	0	0	0	20.9	22/ 999	8
D	15-2-2022	08:32	Fine	0	0	0	20.9	21/ 999	9
		13:28	Fine	0	0	0	20.9	22/ 999	9
		16:52	Fine	0	0	0	20.9	22/ 999	9
								/	
								/	
								/	

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi [Wellcon] CP  15-2-2022

Laboratory Staff:

Checked by:

翟偉傑
Chek Wei Kit POCJV

 15-2-2022

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	16/2/2022	0830	Fine / Rain	0	0	0	20.9	17/1009	5.5
	--	1330	Fine / Rain	0	0	0	20.9	18/1012	5.5
	--	1700	Fine / Rain	0	0	0	20.9	18/1012	5.5
Area B	--	0845	Fine / Rain	0	0	0	20.9	17/1009	2.5
	--	1345	Fine / Rain	0	0	0	20.9	18/1012	2.5
	--	1645	Fine / Rain	0	0	0	20.9	18/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam NG Chung Long

Checked by:

8
A.

16/2/2022

16.2.2022

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	16/2/2022	0845	Fine / Rain	0	0	0	20.9	16/2/2022	4
		1345	Fine / Rain	0	0	0	20.9	17/10/21	4
		1645	Fine / Rain	0	0	0	20.9	17/10/21	4

Name & Designation

Signature

Date


Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam Ng Chung Long POC JV

Checked by:




16/2/2022
16.2.2022


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	16-2-2021	08:17	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:22	Fine	0	0	0	20.9	23 / 999	9
		16:21	Fine	0	0	0	20.9	22 / 998	9
								/	
A	16-2-2022	08:21	Fine	0	0	0	20.9	22 / 999	8
	16	13:29	Fine	0	0	0	20.9	23 / 999	8
		16:28	Fine	0	0	0	20.9	22 / 999	8
								/	
D	16-2-2022	08:34	Fine	0	0	0	20.9	22 / 999	9
		13:44	Fine	0	0	0	20.9	21 / 999	9
		16:48	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
								/	

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP  16-2-2021

Laboratory Staff:

Checked by:  16-2-2021
Chak Wai Kit POCJV

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	17/2/2022	0830	Fine / Rain	0	0	0	20.9	16/1011	5.5
	--	1330	Fine / Rain	0	0	0	20.9	17/1012	5.5
	--	1700	Fine / Rain	0	0	0	20.9	17/1012	5.5
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	17/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam NG Chong Long
POC JV

Checked by:

8
Star

17/2/2022

17.2.2022

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		0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	17/2/2022	0845	Fine / Rain	0	0	0	20.9	16/10/1	4
		1345	Fine / Rain	0	0	0	20.9	17/10/1	4
		1645	Fine / Rain	0	0	0	20.9	17/10/1	4

Name & Designation

Signature

Date

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

Laboratory Staff:

Checked by:

San

Ng Chung Long POC JV

J.
L.

17/2/2022

17.2.2022

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	17.2-2022	08:07	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:11	Fine	0	0	0	20.9	22 / 999	9
		16:24	Fine	0	0	0	20.9	22 / 999	9
								/	
A	17.2-2022	08:16	Fine	0	0	0	20.9	22 / 999	9
		13:21	Fine	0	0	0	20.9	22 / 999	9
		16:30	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
DH	17.2-2022	08:34	Fine	0	0	0	20.9	22 / 999	9
		13:44	Fine	0	0	0	20.9	22 / 999	9
		17:20	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi [Wellcon] CP  17-2-2022

Laboratory Staff:

翟偉傑
Chak Wai Kit

Checked by:

POCJV

 17-2-2021

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	18/2/2022	0830	Fine / Rain	0	0	0	20.9	14/1011	5.5
	--	1330	Fine / Rain	0	0	0	20.9	15/1012	5.5
	--	1700	Fine / Rain	0	0	0	20.9	15/1012	5.5
Area B	--	0845	Fine / Rain	0	0	0	20.9	14/1011	2.5
	--	1345	Fine / Rain	0	0	0	20.9	15/1012	2.5
	--	1645	Fine / Rain	0	0	0	20.9	15/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sm NG Chung Long
POCTV

Checked by:

γ
☆

18/2/2022

18.2-2022

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	18/2/2022	0845	Fine / Rain	0	0	0	20.9		4.3
	--	1345	Fine / Rain	0	0	0	20.9		4.3
	--	1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	--	0845	Fine / Rain	0	0	0	20.9	15/1004	4
	--	1345	Fine / Rain	0	0	0	20.9	16/1010	4
	--	1645	Fine / Rain	0	0	0	20.9	16/1010	4

Name & Designation

Signature

Date

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

Laboratory Staff: Sam

Checked by: Ng Chong Long. POCJV



18/2/2022



18.2.2022

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	18-2-2022	08:07	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:06	Fine	0	0	0	20.9	22 / 999	9
		16:33	Fine	0	0	0	20.9	22 / 999	9
								/	
H	18-2-2022	08:13	Fine	0	0	0	20.9	22 / 999	9
		13:19	Fine	0	0	0	20.9	22 / 999	9
		16:48	Fine	0	0	0	20.9	22 / 999	9
								/	
D	18-2-2022	08:33	Fine	0	0	0	20.9	22 / 999	9
		13:40	Fine	0	0	0	20.9	22 / 999	9
		17:06	Fine	0	0	0	20.9	22 / 999	9
								/	

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 18-2-2021

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POCJV

[Signature] 18-2-2021

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	19/2/2022	0830	Fine / Rain	0	0	0	20.9	14/1011	5.5
	--	1330	Fine / Rain	0	0	0	20.9	15/1012	5.5
	--	1700	Fine / Rain	0	0	0	20.9	15/1012	5.5
Area B	--	0845	Fine / Rain	0	0	0	20.9	14/1011	2.5
	--	1345	Fine / Rain	0	0	0	20.9	15/1012	2.5
	--	1645	Fine / Rain	0	0	0	20.9	15/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam NG Chung Long
Pocwv

Checked by:

[Signature]

19/2/2022

19.2.2022

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	19/2/2022	0845	Fine / Rain	0	0	0	20.9		4.3
	✓	1345	Fine / Rain	0	0	0	20.9		4.3
	✓	1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	✓	0845	Fine / Rain	0	0	0	20.9	15/1039	4
	✓	1345	Fine / Rain	0	0	0	20.9	16/1010	4
	✓	1645	Fine / Rain	0	0	0	20.9	16/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

19/2/2022

Laboratory Staff:

Sam

✱

Checked by:

NG Chung Long, POC JV

19.2.2022

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	19-2-2022	08:07	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:05	Fine	0	0	0	20.9	21 / 999	9
		16:33	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
								/	
A	19-2-2022	08:14	Fine	0	0	0	20.9	21 / 999	9
		13:17	Fine	0	0	0	20.9	22 / 999	9
		16:41	Fine	0	0	0	20.9	22 / 998	9
								/	
								/	
D	19-2-2022	08:33	Fine	0	0	0	20.9	22 / 999	9
		13:44	Fine	0	0	0	20.9	22 / 999	9
		17:08	Fine	0	0	0	20.9	21 / 999	9

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi

[Wellcon] CP

19-2-2021

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POCJV

19-2-2021

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	21/2/2022	0830	Fine / Rain	0	0	0	20.9	12/1011	5.5
	--	1330	Fine / Rain	0	0	0	20.9	13/1012	5.5
	--	1700	Fine / Rain	0	0	0	20.9	13/1012	5.5
Area B	--	0845	Fine / Rain	0	0	0	20.9	12/1011	2.5
	--	1345	Fine / Rain	0	0	0	20.9	13/1012	2.5
	--	1645	Fine / Rain	0	0	0	20.9	13/1012	2.5

Name & Designation

Signature

Date

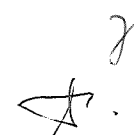
Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam Ng Chung Long
POCSV

Checked by:



21/2/2022

21.2.2022

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	21/2/2022	0845	Fine / Rain	0	0	0	20.9		4.3
	21/2/2022	1345	Fine / Rain	0	0	0	20.9		4.3
	21/2/2022	1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	21/2/2022	0845	Fine / Rain	0	0	0	20.9	13/1009	4
	21/2/2022	1345	Fine / Rain	0	0	0	20.9	14/1010	4
	21/2/2022	1645	Fine / Rain	0	0	0	20.9	14/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

J

21/2/2022

Laboratory Staff:

Sam Ng Chung Long, POC JV

S.

21.2.2022

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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	21-2-2022	08:14	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:07	Fine	0	0	0	20.9	22 / 999	9
		16:42	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
A	21-2-2022	08:20	Fine	0	0	0	20.9	22 / 999	9
		13:16	Fine	0	0	0	20.9	22 / 999	9
		16:51	Fine	0	0	0	20.9	21 / 999	9
								/	
								/	
C	21-2-2022	08:50	Fine	0	0	0	20.9	22 / 999	9
		13:33	Fine	0	0	0	20.9	22 / 999	9
		17:08	Fine	0	0	0	20.9	22 / 999	9
								/	

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi [Wellcon] CP 21-2-2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit

POCJV

21-2-2022

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	22/2/2022	0830	Fine / Rain	0	0	0	20.9	10/1011	5.5
	--	1330	Fine / Rain	0	0	0	20.9	11/1012	5.5
	--	1700	Fine / Rain	0	0	0	20.9	11/1012	5.5
Area B	--	0845	Fine / Rain	0	0	0	20.9	10/1011	2.5
	--	1345	Fine / Rain	0	0	0	20.9	11/1012	2.5
	--	1645	Fine / Rain	0	0	0	20.9	11/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam NG Chung Long
PDC TV

Checked by:

22/2/2022

22/2/2022

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	22/2/2022	0845	Fine / Rain	0	0	0	20.9		4.3
	--	1345	Fine / Rain	0	0	0	20.9		4.3
	--	1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	--	0845	Fine / Rain	0	0	0	20.9	11/1009	4
	--	1345	Fine / Rain	0	0	0	20.9	17/1010	4
	--	1645	Fine / Rain	0	0	0	20.9	12/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sim Ng Chung Long, POC JV

Checked by:




22/2/2022

22.2.2022

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	22-2-2022	08:14	Rain / Fine					/	
		13:22	Fine	0	0	0	20.9	22 / 999	9
		16:33	Fine	0	0	0	20.9	22 / 999	9
			Fine	0	0	0	20.9	21 / 999	9
								/	
A	22-2-2022	08:22	Fine	0	0	0	20.9	22 / 999	9
		13:40	Fine	0	0	0	20.9	22 / 999	9
		16:49	Fine	0	0	0	20.9	21 / 999	9
								/	
C	22-2-2022	08:39	Fine	0	0	0	20.9	21 / 999	9
		13:58	Fine	0	0	0	20.9	22 / 999	9
		17:20	Fine	0	0	0	20.9	22 / 999	9

Name & Designation

Signature

Date


Field Operator:

Chan Wai Chi [Wellcon] CP.  22-2-2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit POCJV

 22-2-2022

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	23-2-2022	08:05	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:06	Fine	0	0	0	20.9	22 / 999	9
		16:21	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
A	23-2-2022	08:11	Fine	0	0	0	20.9	21 / 999	8
		13:11	Fine	0	0	0	20.9	22 / 999	8
		16:33	Fine	0	0	0	20.9	21 / 999	8
								/	
E D	23-2-2022	08:33	Fine	0	0	0	20.9	22 / 999	9
		13:42	Fine	0	0	0	20.9	22 / 999	9
		17:00	Fine	0	0	0	20.9	23 / 999	9

Name & Designation

Signature

Date

Field Operator:

Chan Wai Chi [Wellcon] CP *Chan Wai Chi* 23-2-2022

Laboratory Staff:

Checked by:

翟偉傑
Chek Wai Kit POCJV

[Signature] 23-2-2022

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	23/2/2022	0845	Fine / Rain	0	0	0	20.9		4.3
	--	1345	Fine / Rain	0	0	0	20.9		4.3
	--	1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	--	0845	Fine / Rain	0	0	0	20.9	13/1009	4
	--	1345	Fine / Rain	0	0	0	20.9	14/1010	4
	--	1645	Fine / Rain	0	0	0	20.9	14/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam

Checked by:

Ng Chung Long, POC JV

23/2/2022

23.2.2022

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	23/2/2022	0830	Fine / Rain	0	0	0	20.9	12/1011	5.5
	--	1330	Fine / Rain	0	0	0	20.9	13/1012	5.5
	--	1700	Fine / Rain	0	0	0	20.9	13/1012	5.5
Area B	--	0845	Fine / Rain	0	0	0	20.9	12/1011	2.5
	--	1345	Fine / Rain	0	0	0	20.9	13/1012	2.5
	--	1645	Fine / Rain	0	0	0	20.9	13/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam Ng Chung Long
POC JV

Checked by:




23/2/2022

23.2.2022

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	24/2/2022	0845	Fine / Rain	0	0	0	20.9		4.3
	--	1345	Fine / Rain	0	0	0	20.9		4.3
	--	1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	--	0845	Fine / Rain	0	0	0	20.9	13/1009	4
	--	1345	Fine / Rain	0	0	0	20.9	14/1010	4
	--	1645	Fine / Rain	0	0	0	20.9	14/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam

Checked by:

Ng Chung Long Po-JV

24/2/2022

24. 2. 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	24/2/2022	0830	Fine / Rain	0	0	0	20.9	13/1011	5.5
		1330	Fine / Rain	0	0	0	20.9	14/1012	5.5
		1700	Fine / Rain	0	0	0	20.9	14/1012	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	13/1011	2.5
		1345	Fine / Rain	0	0	0	20.9	14/1012	2.5
		1645	Fine / Rain	0	0	0	20.9	14/1012	2.5

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

Laboratory Staff: Sam Ng Chung Long
poctv

Checked by:

Signature

J
A

Date

24/2/2022

24.2.2022

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	24-2-2022		Rain / Fine	0	0	0	20.9	22 / 999	9
			Fine	0	0	0	20.9	22 / 999	9
			Fine	0	0	0	20.9	22 / 999	9
								/	
A	24-2-2022		Fine	0	0	0	20.9	21 / 998	9
			Fine	0	0	0	20.9	22 / 998	9
			Fine	0	0	0	20.9	22 / 998	9
								/	
D	24-2-2022		Fine	0	0	0	20.9	21 / 999	9
			Fine	0	0	0	20.9	22 / 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 24-2-2022

Laboratory Staff:

Checked by:

翟偉傑
POCJV

24-2-2022

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	25-2-2022		Rain / Fine	0	0	0	20.9	22 / 998	9
			Fine	0	0	0	20.9	22 / 999	9
			Fine	0	0	0	20.9	22 / 999	9
								/	
A	25-2-2022		Fine	0	0	0	20.9	22 / 999	8
			Fine	0	0	0	20.9	22 / 998	8
			Fine	0	0	0	20.9	22 / 999	8
								/	
D	25-2-2022		Fine	0	0	0	20.9	21 / 999	9
			Fine	0	0	0	20.9	22 / 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* 25-2-2022

Laboratory Staff:

Checked by: *翟偉傑* Chak Wai Kit POCJV 25-2-2022

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	25/2/2022	0845	Fine / Rain	0	0	0	20.9		4.3
		1345	Fine / Rain	0	0	0	20.9		4.3
		1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	13/1009	4
		1345	Fine / Rain	0	0	0	20.9	14/1010	4
		1645	Fine / Rain	0	0	0	20.9	14/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam Ng Chong Long, POCJV

Checked by:




25/2/2022

25.2.2022

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	25/2/2022	0830	Fine / Rain	0	0	0	20.9	12/1011	5.5
	--	1330	Fine / Rain	0	0	0	20.9	13/1012	5.5
	--	1700	Fine / Rain	0	0	0	20.9	13/1012	5.5
Area B	--	0845	Fine / Rain	0	0	0	20.9	12/1011	2.5
	--	1345	Fine / Rain	0	0	0	20.9	13/1012	2.5
	--	1645	Fine / Rain	0	0	0	20.9	13/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

J

25/2/2022

Laboratory Staff:

Sam Ng Chung Long POC JV

Star

25.2.2022

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	26/2/2022	0845	Fine / Rain	0	0	0	20.9		4.3
	--	1345	Fine / Rain	0	0	0	20.9		4.3
	--	1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	--	0845	Fine / Rain	0	0	0	20.9	14/1009	4
	--	1345	Fine / Rain	0	0	0	20.9	15/1010	4
	--	1645	Fine / Rain	0	0	0	20.9	15/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam NG Chung Long, POC JV

Checked by:

26/2/2022

26.2.2022

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	26/2/2022	0830	Fine / Rain	0	0	0	20.9	13/1011	5.5
	--	1330	Fine / Rain	0	0	0	20.9	14/1012	5.5
	--	1700	Fine / Rain	0	0	0	20.9	14/1012	5.5
Area B	--	0845	Fine / Rain	0	0	0	20.9	13/1011	2.5
	--	1345	Fine / Rain	0	0	0	20.9	14/1012	2.5
	--	1645	Fine / Rain	0	0	0	20.9	14/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam Ng Chan Long, POC JV

Checked by:

26/2/2022

28-2-2022

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	26-2-2022		Rain / Fine	0	0	0	20.9	21 / 999	9
			Fine	0	0	0	20.9	22 / 999	9
			Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
A	26-2-2022		Fine	0	0	0	20.9	21 / 999	8
			Fine	0	0	0	20.9	21 / 999	8
			Fine	0	0	0	20.9	22 / 999	8
								/	
								/	
D	26-2-2022		Fine	0	0	0	20.9	22 / 999	9
			Fine	0	0	0	20.9	22 / 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* 26-2-2022

Laboratory Staff:

Checked by:

翟偉傑
Chak Wai Kit POCJV

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	28-2-2021	08:15	Rain / Fine	0	0	0	20.9	22 / 999	9
		13:04	Fine	0	0	0	20.9	22 / 999	9
		17:11	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
A	28-2-2021	08:22	Fine	0	0	0	20.9	22 / 999	9
		13:17	Fine	0	0	0	20.9	22 / 999	9
		16:44	Fine	0	0	0	20.9	22 / 999	9
								/	
								/	
D	28-2-2021	08:41	Fine	0	0	0	20.9	21 / 999	9
		13:44	Fine	0	0	0	20.9	22 / 999	9
		16:30	Fine	0	0	0	20.9	22 / 999	9
								/	

Name & Designation Signature Date

Field Operator: Chan Wai Chi [Wellcon] CP 28-2-2021

Laboratory Staff:

Checked by: 翟偉傑 28-2-2021
Chak Wai Kit POCJV

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	28/2/2022	0830	Fine / Rain	0	0	0	20.9	13/1011	5.5
	..	1330	Fine / Rain	0	0	0	20.9	14/1012	5.5
	..	1700	Fine / Rain	0	0	0	20.9	14/1012	5.5
Area B	..	0845	Fine / Rain	0	0	0	20.9	13/1011	2.5
	..	1345	Fine / Rain	0	0	0	20.9	14/1012	2.5
	..	1645	Fine / Rain	0	0	0	20.9	14/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Sam

Checked by:

Ng Chung Long POC JV



28/2/2022

28.2.2022

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	28/2/2022	0845	Fine / Rain	0	0	0	20.9		4.3
	--	1345	Fine / Rain	0	0	0	20.9		4.3
	--	1645	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	--	0845	Fine / Rain	0	0	0	20.9	14/1009	4
	--	1345	Fine / Rain	0	0	0	20.9	15/1010	4
	--	1645	Fine / Rain	0	0	0	20.9	15/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

J

28/2/2022

Laboratory Staff:

Sam NG Cheng Long

NG

28.2.2022

Checked by:

Poc JV

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	4/2/2022	8:30		
		13:30		
		15:30		
Area B	4/2/2022	8:45		
		13:45		
		15:45		
137 Pit C	4/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	4/2/2022	9:00		
		14:00		
		16:00		
137 Pit A	4/2/2022	9:20		
		14:20		
		16:20		
WPR WF3	4/2/2022	9:45	0.041	
		14:45	0.0414	
		16:45	0.0417	

Name & Designation

Signature

Date

Field Operator:

4/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	4/2/2022	9:30	0.042	
		14:30	0.0414	
		16:30	0.0416	
Pit B	4/2/2022	10:00		
		15:00		
		17:00		
Pit D	4/2/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

4/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	5/2/2022	9:30	0.0413	
		14:30	0.0419	
		16:30	0.0417	
Pit B	5/2/2022	10:00		
		15:00		
		17:00		
Pit D	5/2/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

5/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	7/2/2022	9:30	0.0419	
		14:30	0.0411	
		16:30	0.0412	
Pit B	7/2/2022	10:00	0.0418	
		15:00	0.0417	
		17:00	0.0415	
Pit D	7/2/2022	10:15	0.0412	
		15:15	0.0413	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

7/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	8/2/2022	9:30	0.042	
		14:30	0.041	
		16:30	0.0412	
Pit B	8/2/2022	10:00	0.0417	
		15:00	0.0419	
		17:00	0.0419	
Pit D	8/2/2022	10:15	0.0416	
		15:15	0.041	
		17:15	0.041	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

8/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	9/2/2022	8:30	0.0412	
		13:30	0.0417	
		15:30	0.0411	
Area B	9/2/2022	8:45	0.0419	
		13:45	0.0414	
		15:45	0.042	
137 Pit C	9/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	9/2/2022	9:00		
		14:00		
		16:00		
137 Pit A	9/2/2022	9:20		
		14:20		
		16:20		
WPR WF3	9/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

9/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	9/2/2022	9:30	0.0419	
		14:30	0.041	
		16:30	0.0413	
Pit B	9/2/2022	10:00	0.0412	
		15:00	0.0411	
		17:00	0.0411	
Pit D	9/2/2022	10:15	0.0413	
		15:15	0.0418	
		17:15	0.0417	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

9/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	10/2/2022	9:30	0.0414	
		14:30	0.041	
		16:30	0.0417	
Pit B	10/2/2022	10:00	0.0418	
		15:00	0.0412	
		17:00	0.0414	
Pit D	10/2/2022	10:15	0.0411	
		15:15	0.0415	
		17:15	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

10/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	10/2/2022	8:30	0.0414	
		13:30	0.0411	
		15:30	0.0416	
Area B	10/2/2022	8:45	0.0415	
		13:45	0.0416	
		15:45	0.0413	
137 Pit C	10/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	10/2/2022	9:00		
		14:00		
		16:00		
137 Pit A	10/2/2022	9:20		
		14:20		
		16:20		
WPR WF3	10/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

10/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	11/2/2022	8:30	0.0419	
		13:30	0.0415	
		15:30	0.0417	
Area B	11/2/2022	8:45	0.0411	
		13:45	0.0416	
		15:45	0.0416	
137 Pit C	11/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	11/2/2022	9:00		
		14:00		
		16:00		
137 Pit A	11/2/2022	9:20		
		14:20		
		16:20		
WPR WF3	11/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

11/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	11/2/2022	9:30	0.0416	
		14:30	0.0415	
		16:30	0.0413	
Pit B	11/2/2022	10:00	0.042	
		15:00	0.0411	
		17:00	0.042	
Pit D	11/2/2022	10:15	0.0418	
		15:15	0.0415	
		17:15	0.041	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

11/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	12/2/2022	8:30	0.0419	
		13:30	0.0414	
		15:30	0.0415	
Area B	12/2/2022	8:45	0.0414	
		13:45	0.0412	
		15:45	0.0413	
137 Pit C	12/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	12/2/2022	9:00		
		14:00		
		16:00		
137 Pit A	12/2/2022	9:20		
		14:20		
		16:20		
WPR WF3	12/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

12/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	12/2/2022	9:30	0.0413	
		14:30	0.042	
		16:30	0.042	
Pit B	12/2/2022	10:00	0.0419	
		15:00	0.0419	
		17:00	0.0419	
Pit D	12/2/2022	10:15	0.041	
		15:15	0.0417	
		17:15	0.0418	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

12/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	14/2/2022	8:30	0.0412	
		13:30	0.0419	
		15:30	0.042	
Area B	14/2/2022	8:45	0.0414	
		13:45	0.0414	
		15:45	0.0411	
137 Pit C	14/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	14/2/2022	9:00		
		14:00		
		16:00		
Pit A	14/2/2022	9:20	0.041	
		14:20	0.0413	
		16:20	0.041	
WPR WF3	14/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

14/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	14/2/2022	9:30	0.0413	
		14:30	0.0417	
		16:30	0.0411	
Pit B	14/2/2022	10:00	0.042	
		15:00	0.0415	
		17:00	0.0411	
Pit D	14/2/2022	10:15	0.0418	
		15:15	0.0419	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

14/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	15/2/2022	8:30	0.0415	
		13:30	0.0411	
		15:30	0.0416	
Area B	15/2/2022	8:45	0.0413	
		13:45	0.0415	
		15:45	0.042	
137 Pit C	15/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	15/2/2022	9:00		
		14:00		
		16:00		
Pit A	15/2/2022	9:20	0.0419	
		14:20	0.0411	
		16:20	0.0418	
WPR WF3	15/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

15/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	15/2/2022	9:30	0.0419	
		14:30	0.0416	
		16:30	0.0417	
Pit B	15/2/2022	10:00	0.041	
		15:00	0.041	
		17:00	0.0412	
Pit D	15/2/2022	10:15	0.042	
		15:15	0.041	
		17:15	0.0411	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

15/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	16/2/2022	8:30	0.0412	
		13:30	0.0411	
		15:30	0.0414	
Area B	16/2/2022	8:45	0.042	
		13:45	0.041	
		15:45	0.0413	
137 Pit C	16/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	16/2/2022	9:00		
		14:00		
		16:00		
Pit A	16/2/2022	9:20	0.0416	
		14:20	0.0412	
		16:20	0.0416	
WPR WF3	16/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

16/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	16/2/2022	9:30	0.0418	
		14:30	0.0417	
		16:30	0.0412	
Pit B	16/2/2022	10:00	0.0415	
		15:00	0.0419	
		17:00	0.0414	
Pit D	16/2/2022	10:15	0.0411	
		15:15	0.0416	
		17:15	0.0416	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

16/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	17/2/2022	8:30	0.0414	
		13:30	0.0412	
		15:30	0.041	
Area B	17/2/2022	8:45	0.0415	
		13:45	0.0415	
		15:45	0.0411	
137 Pit C	17/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	17/2/2022	9:00		
		14:00		
		16:00		
Pit A	17/2/2022	9:20	0.0417	
		14:20	0.0415	
		16:20	0.0418	
WPR WF3	17/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

17/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	17/2/2022	9:30	0.041	
		14:30	0.0412	
		16:30	0.0417	
Pit B	17/2/2022	10:00	0.0411	
		15:00	0.0412	
		17:00	0.0417	
Pit D	17/2/2022	10:15	0.0418	
		15:15	0.041	
		17:15	0.0413	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

17/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	18/2/2022	8:30	0.041	
		13:30	0.0419	
		15:30	0.041	
Area B	18/2/2022	8:45	0.0418	
		13:45	0.0415	
		15:45	0.0413	
137 Pit C	18/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	18/2/2022	9:00		
		14:00		
		16:00		
Pit A	18/2/2022	9:20	0.0415	
		14:20	0.0413	
		16:20	0.0416	
WPR WF3	18/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

18/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	18/2/2022	9:30	0.0415	
		14:30	0.0411	
		16:30	0.042	
Pit B	18/2/2022	10:00	0.0414	
		15:00	0.0418	
		17:00	0.0414	
Pit D	18/2/2022	10:15	0.0419	
		15:15	0.0418	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

18/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	19/2/2022	8:30	0.041	
		13:30	0.0418	
		15:30	0.0417	
Area B	19/2/2022	8:45	0.0415	
		13:45	0.0413	
		15:45	0.0417	
137 Pit C	19/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	19/2/2022	9:00		
		14:00		
		16:00		
Pit A	19/2/2022	9:20	0.0412	
		14:20	0.0411	
		16:20	0.0413	
WPR WF3	19/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

19/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	19/2/2022	9:30	0.0414	
		14:30	0.0415	
		16:30	0.042	
Pit B	19/2/2022	10:00	0.0417	
		15:00	0.042	
		17:00	0.0411	
Pit D	19/2/2022	10:15	0.041	
		15:15	0.0413	
		17:15	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

19/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	21/2/2022	8:30	0.0414	
		13:30	0.0419	
		15:30	0.0411	
Area B	21/2/2022	8:45	0.0417	
		13:45	0.0414	
		15:45	0.0411	
137 Pit C	21/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	21/2/2022	9:00		
		14:00		
		16:00		
Pit A	21/2/2022	9:20	0.0419	
		14:20	0.0414	
		16:20	0.0417	
WPR WF3	21/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

21/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	21/2/2022	9:30	0.0414	
		14:30	0.0418	
		16:30	0.0417	
Pit B	21/2/2022	10:00	0.0411	
		15:00	0.0417	
		17:00	0.0419	
Pit D	21/2/2022	10:15	0.0416	
		15:15	0.0417	
		17:15	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

21/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	22/2/2022	8:30	0.0412	
		13:30	0.0416	
		15:30	0.041	
Area B	22/2/2022	8:45	0.0412	
		13:45	0.0415	
		15:45	0.0417	
137 Pit C	22/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	22/2/2022	9:00		
		14:00		
		16:00		
Pit A	22/2/2022	9:20	0.0411	
		14:20	0.0413	
		16:20	0.0411	
WPR WF3	22/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

22/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	22/2/2022	9:30	0.041	
		14:30	0.0413	
		16:30	0.0417	
Pit B	22/2/2022	10:00	0.042	
		15:00	0.042	
		17:00	0.0411	
Pit D	22/2/2022	10:15	0.0413	
		15:15	0.0419	
		17:15	0.0413	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

22/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	23/2/2022	8:30	0.0414	
		13:30	0.0417	
		15:30	0.0414	
Area B	23/2/2022	8:45	0.041	
		13:45	0.0418	
		15:45	0.0414	
137 Pit C	23/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	23/2/2022	9:00		
		14:00		
		16:00		
Pit A	23/2/2022	9:20	0.0413	
		14:20	0.0416	
		16:20	0.0415	
WPR WF3	23/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

23/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	23/2/2022	9:30	0.0412	
		14:30	0.0419	
		16:30	0.042	
Pit B	23/2/2022	10:00	0.041	
		15:00	0.042	
		17:00	0.0419	
Pit D	23/2/2022	10:15	0.0415	
		15:15	0.042	
		17:15	0.0418	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

23/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	24/2/2022	8:30	0.042	
		13:30	0.0419	
		15:30	0.0411	
Area B	24/2/2022	8:45	0.0419	
		13:45	0.0412	
		15:45	0.0411	
137 Pit C	24/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	24/2/2022	9:00		
		14:00		
		16:00		
Pit A	24/2/2022	9:20	0.0419	
		14:20	0.0412	
		16:20	0.0411	
WPR WF3	24/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

24/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	24/2/2022	9:30	0.0415	
		14:30	0.0411	
		16:30	0.0411	
Pit B	24/2/2022	10:00	0.0416	
		15:00	0.0411	
		17:00	0.0415	
Pit D	24/2/2022	10:15	0.0412	
		15:15	0.0419	
		17:15	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

24/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	25/2/2022	8:30	0.0412	
		13:30	0.0415	
		15:30	0.0416	
Area B	25/2/2022	8:45	0.0413	
		13:45	0.0419	
		15:45	0.0414	
137 Pit C	25/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	25/2/2022	9:00		
		14:00		
		16:00		
Pit A	25/2/2022	9:20	0.0419	
		14:20	0.0415	
		16:20	0.0413	
WPR WF3	25/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

25/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	25/2/2022	9:30	0.0411	
		14:30	0.0419	
		16:30	0.0412	
Pit B	25/2/2022	10:00	0.041	
		15:00	0.0412	
		17:00	0.041	
Pit D	25/2/2022	10:15	0.0418	
		15:15	0.0413	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

25/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	26/2/2022	8:30	0.0417	
		13:30	0.0412	
		15:30	0.041	
Area B	26/2/2022	8:45	0.0417	
		13:45	0.0419	
		15:45	0.042	
137 Pit C	26/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	26/2/2022	9:00		
		14:00		
		16:00		
Pit A	26/2/2022	9:20	0.041	
		14:20	0.0414	
		16:20	0.0413	
WPR WF3	26/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

26/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	26/2/2022	9:30	0.0417	
		14:30	0.0412	
		16:30	0.042	
Pit B	26/2/2022	10:00	0.0419	
		15:00	0.0414	
		17:00	0.0412	
Pit D	26/2/2022	10:15	0.042	
		15:15	0.0417	
		17:15	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

26/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	28/2/2022	8:30	0.0417	
		13:30	0.041	
		15:30	0.0417	
Area B	28/2/2022	8:45	0.0419	
		13:45	0.0411	
		15:45	0.0416	
137 Pit C	28/2/2022	9:15		
		14:15		
		16:15		
137 Pit B	28/2/2022	9:00		
		14:00		
		16:00		
Pit A	28/2/2022	9:20	0.0413	
		14:20	0.0418	
		16:20	0.0417	
WPR WF3	28/2/2022	9:45		
		14:45		
		16:45		

Name & Designation

Signature

Date

28/2/2022

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 M01C031772	6/4/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	28/2/2022	9:30	0.041	
		14:30	0.0415	
		16:30	0.0415	
Pit B	28/2/2022	10:00	0.0415	
		15:00	0.0412	
		17:00	0.041	
Pit D	28/2/2022	10:15	0.0411	
		15:15	0.042	
		17:15	0.0413	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

28/2/2022