



Appendix J

Landfill Gas Monitoring Data

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	3/5/2022	0830	Fine / Rain	0	0	0	20.9	20/10/11	8.4
		1330	Fine / Rain	0	0	0	20.9	22/10/12	8.4
		1700	Fine / Rain	0	0	0	20.9	21/10/11	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	20/10/10	8.6
		1330	Fine / Rain	0	0	0	20.9	21/10/11	8.6
		1700	Fine / Rain	0	0	0	20.9	21/10/11	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	21/10/12	10
		1330	Fine / Rain	0	0	0	20.9	22/10/11	10
		1700	Fine / Rain	0	0	0	20.9	22/10/11	10

Name & Designation

Signature

Date

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

Y

3/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	3/5/2022	0830	Fine / Rain	0	0	0	20.9	20/1009	3.6
		1330	Fine / Rain	0	0	0	20.9	22/1010	3.6
		1700	Fine / Rain	0	0	0	20.9	21/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



3/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	3-5-2022	08:24	Rain / Fine	0	0	0	20.9	32 / 999	9
		13:21	Fine	0	0	0	20.9	32 / 999	9
		16:24	Fine	0	0	0	20.9	32 / 999	9
								/	
Pit A	3-5-2022	08:16	Rain / Fine	0	0	0	20.9	32 / 999	8
		13:21	✓	0	0	0	20.9	32 / 999	8
		16:30	✓	0	0	0	20.9	32 / 999	8
								/	
BLD	3-5/22	08:34	Fine	0	0	0	20.9	32 / 999	9
		13:44	✓	0	0	0	20.9	32 / 999	9
		17:20	✓	0	0	0	20.9	32 / 999	9
								/	

Field Operator: Name & Designation Signature Date
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-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	3/5/2022	0830	Fine / Rain	0	0	0	20.9	20/1009	5.5
		1330	Fine / Rain	0	0	0	20.9	23/1010	5.5
		1700	Fine / Rain	0	0	0	20.9	21/1009	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	26/1010	2.4
		1345	Fine / Rain	0	0	0	20.9	22/1010	2.4
		1645	Fine / Rain	0	0	0	20.9	21/1011	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



3/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	4/5/2022	0830	Fine / Rain	0	0	0	20.9	23/10/0	8.4
	5/	1330	Fine / Rain	0	0	0	20.9	24/10/1	8.4
	5/	1700	Fine / Rain	0	0	0	20.9	24/10/1	8.4
Area 137 Pit B	5/	0830	Fine / Rain	0	0	0	20.9	23/10/1	8.6
	5/	1330	Fine / Rain	0	0	0	20.9	25/10/2	8.6
	5/	1700	Fine / Rain	0	0	0	20.9	24/10/2	8.6
Area 137 Pit C	5/	0830	Fine / Rain	0	0	0	20.9	22/10/0	10
	5/	1330	Fine / Rain	0	0	0	20.9	23/10/1	10
	5/	1700	Fine / Rain	0	0	0	20.9	23/10/1	10

Name & Designation

Signature

Date

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

Y

4/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	4/5/2022	0830	Fine / Rain	0	0	0	20.9	23/1009	3.6
		1330	Fine / Rain	0	0	0	20.9	24/1010	3.6
		1700	Fine / Rain	0	0	0	20.9	24/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



4/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	4-5-2022	08:09	Rain / Fine	0	0	0	20.9	31 / 999	9
		13:11	✓	0	0	0	20.9	31 / 999	9
		16:24	✓	0	0	0	20.9	31 / 999	9
								/	
Pit A	4-5-2022	08:16	Rain / Fine	0	0	0	20.9	31 / 999	8
		13:21	✓	0	0	0	20.9	31 / 999	8
		16:30	✓	0	0	0	20.9	31 / 999	8
								/	
Pit D	4/5/22	08:36	Fine	0	0	0	20.9	31 / 999	9
		13:43	✓	0	0	0	20.9	31 / 999	9
		17:10	✓	0	0	0	20.9	31 / 999	9
								/	

Field Operator: Name & Designation Signature Date
Cheng Ho Kiu / CP [Signature] 4-5-2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	4/5/2022	0830	Fine / Rain	0	0	0	20.9	22/1010	5.5
	✓	1330	Fine / Rain	0	0	0	20.9	24/1009	5.5
	✓	1700	Fine / Rain	0	0	0	20.9	23/1009	5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	23/1009	2.4
	✓	1345	Fine / Rain	0	0	0	20.9	24/1008	2.4
	✓	1645	Fine / Rain	0	0	0	20.9	23/1008	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

4/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	5/5/2022	0830	Fine / Rain	0	0	0	20.9	24/10/11	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	26/10/12	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	25/10/12	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	28/10/10	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	26/10/11	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	26/10/11	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	24/10/10	10
	✓	1330	Fine / Rain	0	0	0	20.9	25/10/10	10
	✓	1700	Fine / Rain	0	0	0	20.9	24/10/11	10

Name & Designation

Signature

Date

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

Y

5/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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 5	5/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1009	3.6
		1330	Fine / Rain	0	0	0	20.9	26/1010	3.6
		1700	Fine / Rain	0	0	0	20.9	25/1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



5/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	5-5-2022	08:20	Rain / Fine	0	0	0	20.9	31 / 999	9
		13:11	✓	0	0	0	20.9	31 / 999	9
		16:24	✓	0	0	0	20.9	31 / 999	9
								1	
Pit A	5-5-2022	08:16	Rain / Fine	0	0	0	20.9	31 / 999	8
		13:21	✓	0	0	0	20.9	31 / 999	8
		16:30	✓	0	0	0	20.9	31 / 999	8
								1	
Pit D	5/5/22	08:36	Fine	0	0	0	20.9	31 / 999	9
		13:45	✓	0	0	0	20.9	31 / 999	9
		17:10	✓	0	0	0	20.9	31 / 999	9
								1	

Field Operator: Name & Designation Signature Date
 Chung Hoi Kit / CP  5 May - 2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	5/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1008	5.5
	✓	1330	Fine / Rain	0	0	0	20.9	27/1009	5.5
	✓	1700	Fine / Rain	0	0	0	20.9	27/1009	5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	24/1009	2.4
	✓	1345	Fine / Rain	0	0	0	20.9	26/1010	2.4
	✓	1645	Fine / Rain	0	0	0	20.9	26/1010	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



5/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	6/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1010	8.4
	6/5	1330	Fine / Rain	0	0	0	20.9	26/1011	8.4
	6/5	1700	Fine / Rain	0	0	0	20.9	26/1011	8.4
Area 137 Pit B	6/5	0830	Fine / Rain	0	0	0	20.9	24/1011	8.6
	6/5	1330	Fine / Rain	0	0	0	20.9	26/1012	8.6
	6/5	1700	Fine / Rain	0	0	0	20.9	26/1011	8.6
Area 137 Pit C	6/5	0830	Fine / Rain	0	0	0	20.9	24/1011	10
	6/5	1330	Fine / Rain	0	0	0	20.9	24/1011	10
	6/5	1700	Fine / Rain	0	0	0	20.9	25/1012	10

Name & Designation

Signature

Date

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

Y

6/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	6/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1008	3.6
		1330	Fine / Rain	0	0	0	20.9	26/1008	3.6
		1700	Fine / Rain	0	0	0	20.9	25/1008	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

6/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	6-5-2022	08:26	Rain / Fine	0	0	0	20.9	32 / 999	9
		13:11	~	0	0	0	20.9	32 / 999	9
		16:24	~	0	0	0	20.9	32 / 999	9
								/	
Pit A	6-5-2022	08:16	Rain / Fine	0	0	0	20.9	32 / 999	8
		13:21	~	0	0	0	20.9	32 / 999	8
		16:30	~	0	0	0	20.9	32 / 999	8
								/	
Pit D	6/5/22	08:56	~	0	0	0	20.9	32 / 999	9
		13:48	~	0	0	0	20.9	32 / 999	9
		17:10	~	0	0	0	20.9	32 / 999	9
								/	

Field Operator: Cheng Ho Kit / CP [Signature] 6-5-2022
Laboratory Staff:
Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	6/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1008	5.5
		1330	Fine / Rain	0	0	0	20.9	26/1010	5.5
		1700	Fine / Rain	0	0	0	20.9	26/1010	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	24/1008	2.4
		1345	Fine / Rain	0	0	0	20.9	26/1010	2.4
		1645	Fine / Rain	0	0	0	20.9	25/1008	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

6/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	7/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1010	8.4
		1330	Fine / Rain	0	0	0	20.9	26/1011	8.4
		1700	Fine / Rain	0	0	0	20.9	28/1010	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	24/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	28/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	28/1011	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	25/1011	10
		1330	Fine / Rain	0	0	0	20.9	27/1012	10
		1700	Fine / Rain	0	0	0	20.9	26/1011	10

Name & Designation

Signature

Date

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

Y

7/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	7/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1008	3.6
		1330	Fine / Rain	0	0	0	20.9	26/1010	3.6
		1700	Fine / Rain	0	0	0	20.9	26/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



7/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	7-5-2022	08:09	Rain / Fine	0	0	0	20.9	31 / 999	9
		13:11	~	0	0	0	20.9	31 / 999	9
		16:24	~	0	0	0	20.9	31 / 999	9
								/	
Pit A	7-5-2022	08:16	Rain / Fine	0	0	0	20.9	31 / 999	8
		13:21	~	0	0	0	20.9	31 / 999	8
		16:30	~	0	0	0	20.9	31 / 999	8
								/	
Pit D	7/5/22	08:36	~	0	0	0	20.9	31 / 999	9
		13:44	~	0	0	0	20.9	31 / 999	9
		17:10	~	0	0	0	20.9	31 / 999	9
								/	

Field Operator: Name & Designation Signature Date
Cheung Ho KL / CP  7-5-2022
Laboratory Staff:
Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	7/5/2022	0830	Fine / Rain	0	0	0	20.9	25/10/0	5.5
	"	1330	Fine / Rain	0	0	0	20.9	26/1008	5.5
	"	1700	Fine / Rain	0	0	0	20.9	26/1008	5.5
Area B	"	0845	Fine / Rain	0	0	0	20.9	24/1008	2.4
	"	1345	Fine / Rain	0	0	0	20.9	25/1009	2.4
	"	1645	Fine / Rain	0	0	0	20.9	25/1009	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

7/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	10/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1010	8.4
		1330	Fine / Rain	0	0	0	20.9	26/1011	8.4
		1700	Fine / Rain	0	0	0	20.9	26/1011	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	25/1011	8.6
		1330	Fine / Rain	0	0	0	20.9	25/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	26/1010	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	24/1010	10
		1330	Fine / Rain	0	0	0	20.9	25/1011	10
		1700	Fine / Rain	0	0	0	20.9	25/1011	10

Name & Designation

Signature

Date

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

Y

10/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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 5	10/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1009	3.6
	✓	1330	Fine / Rain	0	0	0	20.9	25/1010	3.6
	✓	1700	Fine / Rain	0	0	0	20.9	25/1010	3.6

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	Jock Lee (Competent Person [CO-310218])		10/5/2022
Laboratory Staff:			
Checked by:			

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	10 - 5 - 2022	08:07	Rain / Fine	0	0	0	20.9	31 / 999	9
		13:21	☑	0	0	0	20.9	31 / 999	9
		16:24	☑	0	0	0	20.9	31 / 999	9
								1	
Pit A	10 - 5 - 2022	08:14	Rain / Fine	0	0	0	20.9	31 / 999	8
		13:21	☑	0	0	0	20.9	31 / 999	8
		16:33	☑	0	0	0	20.9	31 / 999	8
								1	
Pit D	10/5/22	08:26	☑	0	0	0	20.9	31 / 999	9
		13:46	☑	0	0	0	20.9	31 / 999	9
		17:12	☑	0	0	0	20.9	31 / 999	9
								1	

Field Operator: Name & Designation Signature Date
Cheng Hor Kit 10/5/22 / CP [Signature] 10 - 5 - 2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	10/5/2022	0830	Fine / Rain	0	0	0	20.9	28/1010	5.5
		1330	Fine / Rain	0	0	0	20.9	26/1008	5.5
		1700	Fine / Rain	0	0	0	20.9	25/1009	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	24/1008	2.4
		1345	Fine / Rain	0	0	0	20.9	25/1010	2.4
		1645	Fine / Rain	0	0	0	20.9	26/1009	2.4

Name & Designation

Signature

Date

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

Y

10/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	11/5/2022	0830	Fine / Rain	0	0	0	20.9	24/10/11	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	26/10/11	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	25/10/10	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	25/10/10	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	24/10/11	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	24/10/11	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	24/10/10	10
	✓	1330	Fine / Rain	0	0	0	20.9	25/10/11	10
	✓	1700	Fine / Rain	0	0	0	20.9	24/10/10	10

Name & Designation

Signature

Date

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

Y

11/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	11/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1008	3.6
		1330	Fine / Rain	0	0	0	20.9	25/1010	3.6
		1700	Fine / Rain	0	0	0	20.9	24/1008	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

11/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	11-5-2022	08:09	Rain / Fine	0	0	0	20.9	30 / 999	9
		13:11	✓	0	0	0	20.9	30 / 999	9
		16:29	✓	0	0	0	20.9	30 / 999	9
								30 / 999	
Pit A	11-5-2022	08:14	Rain / Fine	0	0	0	20.9	30 / 999	8
		13:21	✓	0	0	0	20.9	30 / 999	8
		16:34	✓	0	0	0	20.9	30 / 999	8
								/	
Pit D	11-5-2022	08:36	✓	0	0	0	20.9	30 / 999	9
		13:55	✓	0	0	0	20.9	30 / 999	9
		17:22	✓	0	0	0	20.9	30 / 999	9
								/	

Field Operator: Name & Designation Signature Date
 Cheung Ho K 1CP  11-5-2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	11/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1009	5.5
		1330	Fine / Rain	0	0	0	20.9	28/1010	5.5
		1700	Fine / Rain	0	0	0	20.9	28/1010	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	24/1010	2.4
		1345	Fine / Rain	0	0	0	20.9	28/1011	2.4
		1645	Fine / Rain	0	0	0	20.9	24/1010	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



11/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	12/5/2022	0830	Fine / Rain	0	0	0	20.9	24/10/0	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	28/10/11	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	28/10/11	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	24/10/10	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	24/10/10	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	28/10/11	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	28/10/11	10
	✓	1330	Fine / Rain	0	0	0	20.9	26/10/17	10
	✓	1700	Fine / Rain	0	0	0	20.9	28/10/12	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

12/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	12/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1009	3.6
	✓	1330	Fine / Rain	0	0	0	20.9	25/1010	3.6
	✓	1700	Fine / Rain	0	0	0	20.9	24/1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

12/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	12-5-2022	08:12	Rain / Fine	0	0	20.9 0	20.9	32 / 999	9
		13:14	~1	0	0	20.9 0	20.9	32 / 999	9
		16:24	~1	0	0	20.9 0	20.9	32 / 999	9
								1	
								1	
Pit A	12-5-2022	08:14	Rain / Fine	0	0	20.9 0	20.9	32 / 999	8
		13:21	~1	0	0	20.9 0	20.9	32 / 999	8
		16:49	~1	0	0	20.9 0	20.9	32 / 999	8
								1	
Pit D	12-5	08:36	~1	0	0	20.9 0	20.9	32 / 999	9
		13:55	~1	0	0	20.9 0	20.9	32 / 999	9
		17:10	~1	0	0	20.9 0	20.9	32 / 999	9
								1	

Field Operator: Cheng Hok Kit / CP [Signature] 12-5-2022
Laboratory Staff:
Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	12/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1010	5.5
	✓	1330	Fine / Rain	0	0	0	20.9	25/1011	5.5
	✓	1700	Fine / Rain	0	0	0	20.9	25/1011	5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	25/1008	2.4
	✓	1345	Fine / Rain	0	0	0	20.9	25/1010	2.4
	✓	1645	Fine / Rain	0	0	0	20.9	24/1010	2.4

Name & Designation

Signature

Date

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

Y

12/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	13/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1011	8.4
		1330	Fine / Rain	0	0	0	20.9	25/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	25/1010	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	23/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	25/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	24/1011	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	23/1011	10
		1330	Fine / Rain	0	0	0	20.9	25/1012	10
		1700	Fine / Rain	0	0	0	20.9	24/1011	10

Name & Designation

Signature

Date

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



13/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	13/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1009	3.6
		1330	Fine / Rain	0	0	0	20.9	25/1010	3.6
		1700	Fine / Rain	0	0	0	20.9	25/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

13/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	13-5-2022	08:12	Rain / Fine	0	0	0	20.9	31 / 999	9
		13:14	✓	0	0	0	20.9	31 / 999	9
		16:14	✓	0	0	0	20.9	31 / 999	9
							20.9	/	
							20.9	/	
Pit - A	13-5-2022	09:14	Rain / Fine	0	0	0	20.9	31 / 999	8
		13:21	✓	0	0	0	20.9	31 / 999	8
		16:49	✓	0	0	0	20.9	31 / 999	8
								/	
								/	
Pit D	13-5-2022	08:36	Fine	0	0	0	20.9	31 / 999	9
		13:58	✓	0	0	0	20.9	31 / 999	9
		17:10	✓	0	0	0	20.9	31 / 999	9

Field Operator: Cheng Hui Ka / CP Signature 13-5-2022 Date

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-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	13/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1011	5.5
		1330	Fine / Rain	0	0	0	20.9	25/1010	5.5
		1700	Fine / Rain	0	0	0	20.9	25/1010	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	25/1010	2.4
		1345	Fine / Rain	0	0	0	20.9	26/1011	2.4
		1645	Fine / Rain	0	0	0	20.9	25/1010	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



13/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	14/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1009	8.4
		1330	Fine / Rain	0	0	0	20.9	25/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	25/1010	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	25/1011	8.6
		1330	Fine / Rain	0	0	0	20.9	24/1010	8.6
		1700	Fine / Rain	0	0	0	20.9	25/1010	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	23/1009	10
		1330	Fine / Rain	0	0	0	20.9	25/1010	10
		1700	Fine / Rain	0	0	0	20.9	24/1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

14/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	14/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1010	3.6
	~1	1330	Fine / Rain	0	0	0	20.9	26/1011	3.6
	~1	1700	Fine / Rain	0	0	0	20.9	28/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



14/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	14-5-2022	08:12	Rain / Fine	0	0	0	20.9	33 / 999	9
		13:14	~	0	0	0	20.9	33 / 999	9
		16:14	~	0	0	0	20.9	33 / 999	9
								/	
Pit A	14-5-2022	08:14	Rain / Fine	0	0	0	20.9	33 / 999	8
		13:21	~	0	0	0	20.9	33 / 999	8
		16:49	~	0	0	0	20.9	33 / 999	8
								/	
Pit D	14-5-2022	08:36	~	0	0	0	20.9	33 / 999	9
		13:50	~	0	0	0	20.9	33 / 999	9
		17:08	~	0	0	0	20.9	33 / 999	9

Field Operator: Name & Designation Signature Date
 Cheung Ho Kit 1CP 14-5-2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	14/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1010.	5.5
	✓	1330	Fine / Rain	0	0	0	20.9	25/1011	5.5
	✓	1700	Fine / Rain	0	0	0	20.9	25/1011	5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	23/1009	2.4
	✓	1345	Fine / Rain	0	0	0	20.9	25/1010.	2.4
	✓	1645	Fine / Rain	0	0	0	20.9	24/1009	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

14/5/2022.

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	16/5/2022	0830	Fine / Rain	0	0	0	20.9	18/10/10	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	19/10/09	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	19/10/09	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	19/10/10	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	19/10/10	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	18/10/09	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	18/10/11	10
	✓	1330	Fine / Rain	0	0	0	20.9	20/10/10	10
	✓	1700	Fine / Rain	0	0	0	20.9	20/10/10	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

16/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	16/5/2022	0830	Fine / Rain	0	0	0	20.9	18/10/0	3.6
		1330	Fine / Rain	0	0	0	20.9	19/10/0	3.6
		1700	Fine / Rain	0	0	0	20.9	18/10/0	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

16/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	16-5-2022	08:14	Rain / Fine	0	0	0	20.9	33 / 999	9
		13:16	✓	0	0	0	20.9	33 / 999	9
		16:14	✓	0	0	0	20.9	33 / 999	9
								/	
Pit A	16-5-2022	08:16	Rain / Fine	0	0	0	20.9	33 / 999	8
		13:22	✓	0	0	0	20.9	33 / 999	8
		16:51	✓	0	0	0	20.9	33 / 999	8
								/	
Pit D	16/5/22	08:37	✓	0	0	0	20.9	33 / 999	9
		13:52	✓	0	0	0	20.9	33 / 999	9
		17:10	✓	0	0	0	20.9	33 / 999	9

Field Operator: Name & Designation Signature Date
 16-5-2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	16/5/2022	0830	Fine / Rain	0	0	0	20.9	19/1010	5.5
	"	1330	Fine / Rain	0	0	0	20.9	20/1011	5.5
	"	1700	Fine / Rain	0	0	0	20.9	20/1011	5.5
Area B	"	0845	Fine / Rain	0	0	0	20.9	18/1009	2.4
	"	1345	Fine / Rain	0	0	0	20.9	20/1010	2.4
	"	1645	Fine / Rain	0	0	0	20.9	19/1009	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

16/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	17/5/2022	0830	Fine / Rain	0	0	0	20.9	21/1009	8.4
		1330	Fine / Rain	0	0	0	20.9	23/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	22/1010	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	20/1008	8.6
		1330	Fine / Rain	0	0	0	20.9	23/1010	8.6
		1700	Fine / Rain	0	0	0	20.9	22/1009	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	21/1010	10
		1330	Fine / Rain	0	0	0	20.9	23/1011	10
		1700	Fine / Rain	0	0	0	20.9	22/1010	10

Name & Designation

Signature

Date

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

Y

17/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	17/5/2022	0830	Fine / Rain	0	0	0	20.9	21/1009	3.6
		1330	Fine / Rain	0	0	0	20.9	237/1010	3.6
		1700	Fine / Rain	0	0	0	20.9	221/1010	3.6

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

Laboratory Staff:

Checked by:

Signature

Date

17/5/2022

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)
Pit B	17-5-2022	08:10	Rain / Fine	0	0	0	20.9	34 / 999	9
		13:13	✓	0	0	0	20.9	34 / 999	9
		16:12	✓	0	0	0	20.9	34 / 999	9
								/	
								/	
Pit A	17-5-2022	08:14	Rain / Fine	0	0	0	20.9	34 / 999	8
		13:17	✓	0	0	0	20.9	34 / 999	8
		16:53	✓	0	0	0	20.9	34 / 999	8
								/	
								/	
Pit D	17-5-22	08:37	✓	0	0	0	20.9	34 / 999	9
		13:52	✓	0	0	0	20.9	34 / 999	9
		17:10	✓	0	0	0	20.9	34 / 999	9
								/	

Field Operator: Cheng Ho Koi / CP [Signature] 17-5-2022
Laboratory Staff:
Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	17/5/2022	0830	Fine / Rain	0	0	0	20.9	21/1010.	5.5
		1330	Fine / Rain	0	0	0	20.9	23/1011	5.5
		1700	Fine / Rain	0	0	0	20.9	23/1011	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	22/1012.	2.4
		1345	Fine / Rain	0	0	0	20.9	23/1011	2.4
		1645	Fine / Rain	0	0	0	20.9	22/1011	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

17/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	18/5/2022	0830	Fine / Rain	0	0	0	20.9	23 / 1010	8.4
		1330	Fine / Rain	0	0	0	20.9	24 / 1009	8.4
		1700	Fine / Rain	0	0	0	20.9	24 / 1009	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	22 / 1011	8.6
		1330	Fine / Rain	0	0	0	20.9	24 / 1010	8.6
		1700	Fine / Rain	0	0	0	20.9	23 / 1010	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	23 / 1009	10
		1330	Fine / Rain	0	0	0	20.9	28 / 1010	10
		1700	Fine / Rain	0	0	0	20.9	26 / 1009	10

Name & Designation

Signature

Date

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



18/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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 5	18/5/2022	0830	Fine / Rain	0	0	0	20.9	23/1009	3.6
		1330	Fine / Rain	0	0	0	20.9	25/1010	3.6
		1700	Fine / Rain	0	0	0	20.9	24/1010	3.6

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	Jock Lee (Competent Person [CO-310218])		18/5/2022
Laboratory Staff:			
Checked by:			

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	18-5-2022	08-12	Rain / Fine	0	0	0	20.9	33 / 999	9
		13-18	~	0	0	0	20.9	33 / 999	9
		16-14	~	0	0	0	20.9	33 / 999	9
								/	
Pit A	18-5-2022	08-16	Rain / Fine	0	0	0	20.9	33 / 999	8
		13-19	~	0	0	0	20.9	33 / 999	8
		16-55	~	0	0	0	20.9	33 / 999	8
								/	
Pit D	18/5/22	08-39	~	0	0	0	20.9	33 / 999	9
		13-54	~	0	0	0	20.9	33 / 999	9
		17-12	~	0	0	0	20.9	33 / 999	9
								/	

Field Operator: Cheng Hoi Ch / CP [Signature] 18 - 5 - 2022
Laboratory Staff:
Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	18/5/2022	0830	Fine / Rain	0	0	0	20.9	23/1009	5.5
		1330	Fine / Rain	0	0	0	20.9	25/1010	5.5
		1700	Fine / Rain	0	0	0	20.9	24/1009	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	24/1010	2.4
		1345	Fine / Rain	0	0	0	20.9	26/1011	2.4
		1645	Fine / Rain	0	0	0	20.9	25/1010	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

18/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	19/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1010	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	26/1009	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	25/1010	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	24/1009	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	26/1010	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	26/1010	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	24/1010	10
	✓	1330	Fine / Rain	0	0	0	20.9	26/1010	10
	✓	1700	Fine / Rain	0	0	0	20.9	25/1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

19/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	19/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1010.	3.6
	✓	1330	Fine / Rain	0	0	0	20.9	26/1011	3.6
	✓	1700	Fine / Rain	0	0	0	20.9	26/1010.	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

19/5/2022.

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	19-5-2022	08:10	Rain / Fine	0	0	0	20.9	32 / 999	9
		13:13	-	0	0	0	20.9	32 / 999	9
		16:12	-	0	0	0	20.9	32 / 999	9
								/	
Pit A	19-5-2022	08:14	Rain / Fine	0	0	0	20.9	32 / 999	8
		13:17	-	0	0	0	20.9	32 / 999	8
		16:53	-	0	0	0	20.9	32 / 999	8
								/	
Pit D	19-5-2022	08:34	-	0	0	0	20.9	32 / 999	9
		13:52	-	0	0	0	20.9	32 / 999	9
		17:10	-	0	0	0	20.9	32 / 999	9
								/	

Field Operator: Cheng Ho /cd 1CP [Signature] 19-5-2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	19/5/2022	0830	Fine / Rain	0	0	0	20.9	24/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	26/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	25/10/11	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	24/10/10	2.4
		1345	Fine / Rain	0	0	0	20.9	24/10/10	2.4
		1645	Fine / Rain	0	0	0	20.9	23/10/11	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



19/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	20/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1009	8.4
		1330	Fine / Rain	0	0	0	20.9	27/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	26/1010	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	24/1009	8.6
		1330	Fine / Rain	0	0	0	20.9	26/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	25/1010	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	25/1010	10
		1330	Fine / Rain	0	0	0	20.9	28/1010	10
		1700	Fine / Rain	0	0	0	20.9	26/1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

20/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	20/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/10	3.6
	21	1330	Fine / Rain	0	0	0	20.9	27/10/11	3.6
	27	1700	Fine / Rain	0	0	0	20.9	27/10/10	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

20/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	20-8-2022	08-14	Rain / Fine	0	0	0	20.9	32 / 999	9
		13-17	~	0	0	0	20.9	32 / 999	9
		16-18	~	0	0	0	20.9	32 / 999	9
								1	
								1	
Pit A	20-8-2022	08-18	Rain / Fine	0	0	0	20.9	32 / 999	8
		13-20	~	0	0	0	20.9	32 / 999	8
		16-19	~	0	0	0	20.9	32 / 999	8
								1	
Pit D	20/8/22	08-39	~	0	0	0	20.9	32 / 999	9
		13-56	~	0	0	0	20.9	32 / 999	9
		17-14	~	0	0	0	20.9	32 / 999	9
								1	

Field Operator: Name & Designation Signature Date
 Chung Hoi Kei ICP 20-8-2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	20/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1010	5.5
		1330	Fine / Rain	0	0	0	20.9	27/1011	5.5
		1700	Fine / Rain	0	0	0	20.9	26/1010	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	24/1009	2.4
		1345	Fine / Rain	0	0	0	20.9	26/1010	2.4
		1645	Fine / Rain	0	0	0	20.9	25/1010	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

20/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	21/5/2022	0830	Fine / Rain	0	0	0	20.9	25/10/0	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	27/10/1	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	22/10/1	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	24/10/08	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	25/10/0	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	25/10/0	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	25/10/11	10
	✓	1330	Fine / Rain	0	0	0	20.9	26/10/0	10
	✓	1700	Fine / Rain	0	0	0	20.9	25/10/0	10

Name & Designation

Signature

Date

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

Y

21/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	21/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/11	3.6
	21	1330	Fine / Rain	0	0	0	20.9	27/10/10	3.6
	21	1700	Fine / Rain	0	0	0	20.9	26/10/10	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



21/5/2022.

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	21-5-2022	08:11	Rain / Fine	0	0	0	20.9	31 / 999	9
		13:14	~	0	0	0	20.9	31 / 999	9
		16:13	~	0	0	0	20.9	31 / 999	9
								/	
								/	
Pit A	21-5-2022	08:15	Rain / Fine	0	0	0	20.9	31 / 999	8
		13:17	~	0	0	0	20.9	31 / 999	8
		16:51	~	0	0	0	20.8	31 / 999	8
								/	
Pit D	21/5/22	08:37	~	0	0	0	20.9	31 / 999	9
		13:39	~	0	0	0	20.9	31 / 999	9
		17:10	~	0	0	0	20.9	31 / 999	9
								/	

Field Operator: Cheng Ho/CP /CP Signature Date 21-5-2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	21/5/2022	0830	Fine / Rain	0	0	0	20.9	25/1009.	5.5
	✓	1330	Fine / Rain	0	0	0	20.9	26/1010	5.5
	✓	1700	Fine / Rain	0	0	0	20.9	26/1010.	5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	25/1010.	2.4
	✓	1345	Fine / Rain	0	0	0	20.9	27/1011	2.4
	✓	1645	Fine / Rain	0	0	0	20.9	25/1010	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

21/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	23/5/2022	0830	Fine / Rain	0	0	0	20.9	23/1009	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	24/1010	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	24/1010	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	24/1009	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	25/1010	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	24/1009	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	23/1010	10
	✓	1330	Fine / Rain	0	0	0	20.9	24/1011	10
	✓	1700	Fine / Rain	0	0	0	20.9	24/1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

23/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	23/5/2022	0830	Fine / Rain	0	0	0	20.9	23/1010	3.6
	✓	1330	Fine / Rain	0	0	0	20.9	24/1011	3.6
	✓	1700	Fine / Rain	0	0	0	20.9	24/1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

23/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	23-5-2022	0811	Rain / Fine	0	0	0	20.9	30 / 999	9
		13214	☑	0	0	0	20.9	30 / 999	9
		16253	☑	0	0	0	20.9	30 / 999	9
								/	
Pit A	23-5-2022	0815	Rain / Fine	0	0	0	20.9	30 / 999	8
		13257	☑	0	0	0	20.9	30 / 999	8
		16251	☑	0	0	0	20.9	30 / 999	8
								/	
Pit D	23/5/22	09237	☑	0	0	0	20.9	30 / 999	9
		13239	☑	0	0	0	20.9	30 / 999	9
		1720	☑	0	0	0	20.9	30 / 999	9
								/	

Field Operator: Cheng Ho Kie / CP [Signature] 23-5-2022
Laboratory Staff:
Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	23/5/2022	0830	Fine / Rain	0	0	0	20.9	23/1009	5.5
		1330	Fine / Rain	0	0	0	20.9	24/1009	5.5
		1700	Fine / Rain	0	0	0	20.9	23/1010	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	23/1010	2.4
		1345	Fine / Rain	0	0	0	20.9	24/1009	2.4
		1645	Fine / Rain	0	0	0	20.9	24/1009	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

23/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	24/5/2022	0830	Fine / Rain	0	0	0	20.9	23/1010	8.4
		1330	Fine / Rain	0	0	0	20.9	24/1011	8.4
		1700	Fine / Rain	0	0	0	20.9	24/1011	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	23/1009	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	24/1010	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	23/1010	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	24/1010	10
	✓	1330	Fine / Rain	0	0	0	20.9	24/1010	10
	✓	1700	Fine / Rain	0	0	0	20.9	23/1009	10

Name & Designation

Signature

Date

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

Y

24/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	24/5/2022	0830	Fine / Rain	0	0	0	20.9	23/1008	3.6
	✓	1330	Fine / Rain	0	0	0	20.9	25/1008	3.6
	✓	1700	Fine / Rain	0	0	0	20.9	24/1008	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

24/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	24-5-2022	08-13	Rain / Fine	0	0	0	20.9	30 / 998	9
		13-16	~	0	0	0	20.9	30 / 998	9
		16-15	~	0	0	0	20.9	30 / 998	9
								/	
Pit A	24-5-2022	08-17	Rain / Fine	0	0	0	20.9	30 / 998	8
		13-15	~	0	0	0	20.9	30 / 998	8
		16-53	~	0	0	0	20.9	30 / 999	8
				0				/	
Pit D	24/5/22	09-39	~	0	0	0	20.9	30 / 999	9
		13-41	~	0	0	0	20.9	30 / 998	9
		17-12	~	0	0	0	20.9	30 / 998	9
								/	

Field Operator: Name & Designation Signature Date
 Cheung Ho Ka ICP  24-5-2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	24/5/2022	0830	Fine / Rain	0	0	0	20.9	23/1010	5.5
		1330	Fine / Rain	0	0	0	20.9	24/1011	5.5
		1700	Fine / Rain	0	0	0	20.9	24/1011	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	24/1009	2.4
		1345	Fine / Rain	0	0	0	20.9	25/1010	2.4
		1645	Fine / Rain	0	0	0	20.9	24/1009	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



24/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	25/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1008	8.4
		1330	Fine / Rain	0	0	0	20.9	25/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	25/1010	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	25/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	26/1009	8.6
		1700	Fine / Rain	0	0	0	20.9	25/1009	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	24/1011	10
		1330	Fine / Rain	0	0	0	20.9	24/1010	10
		1700	Fine / Rain	0	0	0	20.9	25/1010	10

Name & Designation

Signature

Date

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

Y

25/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	25/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1008	3.6
	25/5/2022	1330	Fine / Rain	0	0	0	20.9	26/1010	3.6
	25/5/2022	1700	Fine / Rain	0	0	0	20.9	28/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

25/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	25-5-2022	08-13	Rain / Fine	0	0	0	20.9	30 / 999	9
		13-16	~	0	0	0	20.9	30 / 999	9
		16-15	~	0	0	0	20.9	30 / 999	9
								/	
								/	
Pit A	25-5-2022	08-17	Rain / Fine	0	0	0	20.9	30 / 999	8
		13-19	~	0	0	0	20.9	30 / 999	8
		16-55	~	0	0	0	20.9	30 / 999	8
								/	
Pit D	28/5/22	09-39	~	0	0	0	20.9	30 / 999	9
		13-41	~	0	0	0	20.9	30 / 999	9
		17-12	~	0	0	0	20.9	30 / 999	9
								/	

Name & Designation

Signature

Date

Field Operator:

Cheng Ho / CL / CP



25-5-2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	25/5/2022	0830	Fine / Rain	0	0	0	20.9	24/1008	5.5
	✓	1330	Fine / Rain	0	0	0	20.9	26/1009	5.5
	✓	1700	Fine / Rain	0	0	0	20.9	28/1009	5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	28/1009	2.4
	✓	1345	Fine / Rain	0	0	0	20.9	26/1010	2.4
	✓	1645	Fine / Rain	0	0	0	20.9	26/1010	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

28/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	26/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/11	8.4
		1330	Fine / Rain	0	0	0	20.9	26/10/11	8.4
		1700	Fine / Rain	0	0	0	20.9	26/10/10	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	26/10/10	8.6
		1330	Fine / Rain	0	0	0	20.9	27/10/11	8.6
		1700	Fine / Rain	0	0	0	20.9	27/10/11	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	28/10/10	10
		1330	Fine / Rain	0	0	0	20.9	27/10/11	10
		1700	Fine / Rain	0	0	0	20.9	26/10/10	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



26/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	26/5/2022	0830	Fine / Rain	0	0	0	20.9	26.1/1009	3.6
		1330	Fine / Rain	0	0	0	20.9	27.1/1010	3.6
		1700	Fine / Rain	0	0	0	20.9	27.1/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

26/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	26-5-2022	08:15	Rain / Fine	0	0	0	20.9	31 / 999	9
		13:18	~	0	0	0	20.9	31 / 999	9
		16:17	~	0	0	0	20.9	31 / 999	9
								/	
Pit A	26-5-2022	08:49	Rain / Fine	0	0	0	20.9	31 / 999	8
		13:21	~	0	0	0	20.9	31 / 999	8
		16:55	~	0	0	0	20.9	31 / 999	8
								/	
P&D	26/5/22	09:24	~	0	0	0	20.9	31 / 999	9
		13:43	~	0	0	0	20.9	31 / 999	9
		17:24	~	0	0	0	20.9	31 / 999	9
								/	

Field Operator: Cheng Ho Ki / CP [Signature] 28-5-2022
Laboratory Staff:
Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	26/5/2022	0830	Fine / Rain	0	0	0	20.9	26/1010	5.5
		1330	Fine / Rain	0	0	0	20.9	27/1008	5.5
		1700	Fine / Rain	0	0	0	20.9	27/1010	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	27/1010	2.4
		1345	Fine / Rain	0	0	0	20.9	28/1011	2.4
		1645	Fine / Rain	0	0	0	20.9	28/1011	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



26/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	27/5/2022	0830	Fine / Rain	0	0	0	20.9	26/1010	8.4
		1330	Fine / Rain	0	0	0	20.9	27/1011	8.4
		1700	Fine / Rain	0	0	0	20.9	27/1011	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	26/1009	8.6
		1330	Fine / Rain	0	0	0	20.9	26/1010	8.6
		1700	Fine / Rain	0	0	0	20.9	26/1010	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	26/1010	10
		1330	Fine / Rain	0	0	0	20.9	27/1008	10
		1700	Fine / Rain	0	0	0	20.9	27/1009	10

Name & Designation

Signature

Date

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

Laboratory Staff:

Checked by:

Y

27/5/2022

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 5	27/5/2022	0830	Fine / Rain	0	0	0	20.9	26/10/2	3.6
	"	1330	Fine / Rain	0	0	0	20.9	27/10/0	3.6
	"	1700	Fine / Rain	0	0	0	20.9	27/10/0	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

27/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	24-5-2022	08:13	Rain / Fine	0	0	0	20.9	33 / 999	9
		12:15	~	0	0	0	20.9	33 / 999	9
		16:15	~	0	0	0	20.9	33 / 999	9
								/	
								/	
Pit A	27-5-2022	08:17	Rain / Fine	0	0	0	20.9	33 / 999	8
		13:19	~	0	0	0	20.9	33 / 999	8
		16:53	~	0	0	0	20.9	33 / 999	8
								/	
Pit D	27-5-22	09:39	~	0	0	0	20.9	33 / 999	9
		13:41	~	0	0	0	20.9	33 / 999	9
		17:14	~	0	0	0	20.9	33 / 999	9
								/	

Field Operator: Name & Designation Signature Date
 Cheryl Hor Koi / CP  27-5-2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	27/5/2022	0830	Fine / Rain	0	0	0	20.9	26/1009	5.5
	"	1330	Fine / Rain	0	0	0	20.9	28/1010	5.5
	"	1700	Fine / Rain	0	0	0	20.9	27/1010	5.5
Area B	"	0845	Fine / Rain	0	0	0	20.9	27/1010	2.4
	"	1345	Fine / Rain	0	0	0	20.9	28/1010	2.4
	"	1645	Fine / Rain	0	0	0	20.9	28/1011	2.4

Name & Designation

Signature

Date

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



27/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	28/5/2022	0830	Fine / Rain	0	0	0	20.9	27/10/11	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	29/10/11	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	28/10/10	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	27/10/10	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	29/10/11	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	28/10/11	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	28/10/09	10
	✓	1330	Fine / Rain	0	0	0	20.9	29/10/11	10
	✓	1700	Fine / Rain	0	0	0	20.9	29/10/10	10

Name & Designation

Signature

Date

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

Y

28/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	28/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/10	3.6
		1330	Fine / Rain	0	0	0	20.9	29/10/11	3.6
		1700	Fine / Rain	0	0	0	20.9	30/10/11	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



28/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	28-5-2022	08:16	Rain / Fine	0	0	0	20.1	31 / 999	9
		13:48	~	0	0	0	20.1	31 / 999	9
		16:18	~	0	0	0	20.9	31 / 999	9
						4		1	
								1	
Pit A	28-5-2022	08:20	Rain / Fine	0	0	0	20.1	31 / 999	8
		13:21	~	0	0	0	20.9	31 / 999	8
		16:57	~	0	0	0	20.9	31 / 999	8
								1	
Pit D	28/5/22	09:42	~	0	0	0	20.9	31 / 999	9
		13:46	~	0	0	0	20.9	31 / 999	9
		17:17	~	0	0	0	20.9	31 / 999	9
								1	

Field Operator: Name & Designation Signature Date
 Cheryl Ho Kin / CP  28-5-2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	28/5/2022	0830	Fine / Rain	0	0	0	20.9	27/1009	5.5
		1330	Fine / Rain	0	0	0	20.9	29/1010	5.5
		1700	Fine / Rain	0	0	0	20.9	29/1010	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	28/1009	2.4
		1345	Fine / Rain	0	0	0	20.9	29/1010	2.4
		1645	Fine / Rain	0	0	0	20.9	28/1009	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

28/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	30/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/22	8.4
	30/5/2022	1330	Fine / Rain	0	0	0	20.9	30/10/22	8.4
	30/5/2022	1700	Fine / Rain	0	0	0	20.9	28/10/20	8.4
Area 137 Pit B	30/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/20	8.6
	30/5/2022	1330	Fine / Rain	0	0	0	20.9	30/10/11	8.6
	30/5/2022	1700	Fine / Rain	0	0	0	20.9	28/10/20	8.6
Area 137 Pit C	30/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/20	10
	30/5/2022	1330	Fine / Rain	0	0	0	20.9	29/10/11	10
	30/5/2022	1700	Fine / Rain	0	0	0	20.9	28/10/11	10

Name & Designation

Signature

Date

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



30/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	30/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/0.	3.6
		1330	Fine / Rain	0	0	0	20.9	30/10/1.	3.6
		1700	Fine / Rain	0	0	0	20.9	29/10/0.	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



30/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	30-5-2022	08:12	Rain / Fine	0	0	0	20.9	32 / 999	9
		13:14	✓	0	0	0	20.9	32 / 999	9
		16:14	✓	0	0	0	20.9	32 / 999	9
								/	
Pit A	30-5-2022	08:16	Rain / Fine	0	0	0	20.9	32 / 999	8
		13:17	✓	0	0	0	20.9	32 / 999	8
		16:54	✓	0	0	0	20.9	32 / 999	8
								/	
Pit D	30/5/22	09:38	✓	0	0	0	20.9	32 / 999	9
		13:48	✓	0	0	0	20.9	32 / 999	9
		17:21	✓	0	0	0	20.9	32 / 999	9
								/	

Field Operator: Name & Designation Signature Date
 Cheung Hoi Kit / CP  30-5-2022
 Laboratory Staff:
 Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	30/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/20	5.5
		1330	Fine / Rain	0	0	0	20.9	30/10/21	5.5
		1700	Fine / Rain	0	0	0	20.9	29/10/20	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	28/10/20	2.4
		1345	Fine / Rain	0	0	0	20.9	29/10/20	2.4
		1645	Fine / Rain	0	0	0	20.9	29/10/20	2.4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



30/5/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	31/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/0	8.4
		1330	Fine / Rain	0	0	0	20.9	30/10/11	8.4
		1700	Fine / Rain	0	0	0	20.9	28/10/0	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	27/10/09	8.6
		1330	Fine / Rain	0	0	0	20.9	28/10/0	8.6
		1700	Fine / Rain	0	0	0	20.9	28/10/0	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	27/10/0	10
		1330	Fine / Rain	0	0	0	20.9	28/10/11	10
		1700	Fine / Rain	0	0	0	20.9	28/10/11	10

Name & Designation

Signature

Date

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

Y

31/5/2022.

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 5	31/5/2022	0830	Fine / Rain	0	0	0	20.9	28/10/0.	3.6
		1330	Fine / Rain	0	0	0	20.9	30/10/1	3.6
		1700	Fine / Rain	0	0	0	20.9	28/10/1	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

31/5/2022

Laboratory Staff:

Checked by:

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

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

Sampling equipment used:	Dates calibrated
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)
Pit B	30-5-2022	08:15	Rain / Fine	0	0	0	20.9	32 / 999	9
		13:17	-	0	0	0	20.9	32 / 999	9
		16:17	-	0	0	0	20.9	32 / 999	9
								/	
Pit A	31-5-2022	08:20	Rain / Fine	0	0	0	20.9	32 / 999	8
		13:20	-	0	0	0	20.9	32 / 999	8
		16:57	-	0	0	0	20.9	32 / 999	8
								/	
Pit D	31/5/22	09:42	-	0	0	0	20.9	32 / 999	9
		13:52	-	0	0	0	20.9	32 / 999	9
		17:24	-	0	0	0	20.9	32 / 999	9
								/	

Field Operator: Cheng Kai Ka / CP Signature Date 31-5-2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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	31/5/2022	0830	Fine / Rain	0	0	0	20.9	28/1009	5.5
		1330	Fine / Rain	0	0	0	20.9	29/1010	5.5
		1700	Fine / Rain	0	0	0	20.9	28/1010	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	27/1010	2.4
		1345	Fine / Rain	0	0	0	20.9	29/1011	2.4
		1645	Fine / Rain	0	0	0	20.9	28/1010	2.4

Name & Designation

Signature

Date

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

Y

31/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	3/5/2022	8:30	0.0413	
		13:30	0.0417	
		15:30	0.0419	
Area B	3/5/2022	8:45	0.0418	
		13:45	0.0414	
		15:45	0.0415	
137 Pit C	3/5/2022	9:15	0.0417	
		14:15	0.0418	
		16:15	0.0416	
137 Pit B	3/5/2022	9:00	0.0415	
		14:00	0.0414	
		16:00	0.0418	
137 Pit A	3/5/2022	9:20	0.0415	
		14:20	0.0416	
		16:20	0.041	
WPR WF5	3/5/2022	9:45	0.0413	
		14:45	0.0411	
		16:45	0.041	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

3/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	3/5/2022	9:30		
		14:30		
		16:30		
Pit A	3/5/2022	10:00	0.0416	
		15:00	0.041	
		17:00	0.0416	
Pit B	3/5/2022	10:15	0.041	
		15:15	0.0419	
		17:15	0.0416	
Pit D	3/5/2022	10:15	0.0413	
		15:15	0.0414	
		17:15	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

3/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	4/5/2022	8:30	0.0417	
		13:30	0.0414	
		15:30	0.041	
Area B	4/5/2022	8:45	0.0416	
		13:45	0.0415	
		15:45	0.0412	
137 Pit C	4/5/2022	9:15	0.0418	
		14:15	0.0418	
		16:15	0.0414	
137 Pit B	4/5/2022	9:00	0.0415	
		14:00	0.0416	
		16:00	0.0414	
137 Pit A	4/5/2022	9:20	0.0419	
		14:20	0.0417	
		16:20	0.0411	
WPR WF5	4/5/2022	9:45	0.0418	
		14:45	0.0411	
		16:45	0.041	

Name & Designation

Signature

Date

4/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	4/5/2022	9:30		
		14:30		
		16:30		
Pit A	4/5/2022	10:00	0.0417	
		15:00	0.0413	
		17:00	0.0413	
Pit B	4/5/2022	10:15	0.0412	
		15:15	0.0411	
		17:15	0.0419	
Pit D	4/5/2022	10:15	0.0416	
		15:15	0.0415	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

4/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	5/5/2022	8:30	0.041	
		13:30	0.0414	
		15:30	0.041	
Area B	5/5/2022	8:45	0.0414	
		13:45	0.0419	
		15:45	0.0417	
137 Pit C	5/5/2022	9:15	0.0413	
		14:15	0.0412	
		16:15	0.0416	
137 Pit B	5/5/2022	9:00	0.0416	
		14:00	0.042	
		16:00	0.0412	
137 Pit A	5/5/2022	9:20	0.0419	
		14:20	0.0419	
		16:20	0.0415	
WPR WF5	5/5/2022	9:45	0.0416	
		14:45	0.0416	
		16:45	0.042	

Name & Designation

Signature

Date

5/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	5/5/2022	9:30		
		14:30		
		16:30		
Pit A	5/5/2022	10:00	0.0411	
		15:00	0.0414	
		17:00	0.0411	
Pit B	5/5/2022	10:15	0.0411	
		15:15	0.0416	
		17:15	0.041	
Pit D	5/5/2022	10:15	0.0417	
		15:15	0.0413	
		17:15	0.0411	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

5/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	6/5/2022	8:30	0.0418	
		13:30	0.0413	
		15:30	0.0417	
Area B	6/5/2022	8:45	0.0416	
		13:45	0.0418	
		15:45	0.0411	
137 Pit C	6/5/2022	9:15	0.042	
		14:15	0.0412	
		16:15	0.0413	
137 Pit B	6/5/2022	9:00	0.0419	
		14:00	0.042	
		16:00	0.0412	
137 Pit A	6/5/2022	9:20	0.0416	
		14:20	0.0418	
		16:20	0.0419	
WPR WF5	6/5/2022	9:45	0.0415	
		14:45	0.0417	
		16:45	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

6/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	6/5/2022	9:30		
		14:30		
		16:30		
Pit A	6/5/2022	10:00	0.0419	
		15:00	0.042	
		17:00	0.0414	
Pit B	6/5/2022	10:15	0.0414	
		15:15	0.0417	
		17:15	0.0414	
Pit D	6/5/2022	10:15	0.0413	
		15:15	0.0416	
		17:15	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

6/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	7/5/2022	8:30	0.0412	
		13:30	0.0419	
		15:30	0.0413	
Area B	7/5/2022	8:45	0.0416	
		13:45	0.0411	
		15:45	0.0411	
137 Pit C	7/5/2022	9:15	0.0418	
		14:15	0.0414	
		16:15	0.0415	
137 Pit B	7/5/2022	9:00	0.0419	
		14:00	0.0413	
		16:00	0.042	
137 Pit A	7/5/2022	9:20	0.0411	
		14:20	0.0418	
		16:20	0.041	
WPR WF5	7/5/2022	9:45	0.0413	
		14:45	0.0412	
		16:45	0.042	

Name & Designation

Signature

Date

Field Operator:

7/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	7/5/2022	9:30		
		14:30		
		16:30		
Pit A	7/5/2022	10:00	0.042	
		15:00	0.0413	
		17:00	0.0412	
Pit B	7/5/2022	10:15	0.0416	
		15:15	0.042	
		17:15	0.0412	
Pit D	7/5/2022	10:15	0.0419	
		15:15	0.0417	
		17:15	0.0419	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

7/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	10/5/2022	8:30	0.0413	
		13:30	0.042	
		15:30	0.0419	
Area B	10/5/2022	8:45	0.0414	
		13:45	0.0413	
		15:45	0.042	
137 Pit C	10/5/2022	9:15	0.0413	
		14:15	0.0419	
		16:15	0.041	
137 Pit B	10/5/2022	9:00	0.0411	
		14:00	0.0412	
		16:00	0.0411	
137 Pit A	10/5/2022	9:20	0.0411	
		14:20	0.0414	
		16:20	0.041	
WPR WF5	10/5/2022	9:45	0.0414	
		14:45	0.0416	
		16:45	0.0419	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

10/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	10/5/2022	9:30		
		14:30		
		16:30		
Pit A	10/5/2022	10:00	0.0417	
		15:00	0.0416	
		17:00	0.0417	
Pit B	10/5/2022	10:15	0.0415	
		15:15	0.0419	
		17:15	0.0416	
Pit D	10/5/2022	10:15	0.0417	
		15:15	0.042	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

10/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	11/5/2022	8:30	0.0415	
		13:30	0.0414	
		15:30	0.0416	
Area B	11/5/2022	8:45	0.0415	
		13:45	0.0414	
		15:45	0.0412	
137 Pit C	11/5/2022	9:15	0.0418	
		14:15	0.042	
		16:15	0.0419	
137 Pit B	11/5/2022	9:00	0.041	
		14:00	0.0412	
		16:00	0.0418	
137 Pit A	11/5/2022	9:20	0.042	
		14:20	0.041	
		16:20	0.0414	
WPR WF5	11/5/2022	9:45	0.042	
		14:45	0.0411	
		16:45	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

11/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	11/5/2022	9:30		
		14:30		
		16:30		
Pit A	11/5/2022	10:00	0.041	
		15:00	0.0414	
		17:00	0.0414	
Pit B	11/5/2022	10:15	0.0413	
		15:15	0.0413	
		17:15	0.0415	
Pit D	11/5/2022	10:15	0.0411	
		15:15	0.0417	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

11/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	11/5/2022	8:30	0.0415	
		13:30	0.0414	
		15:30	0.0416	
Area B	11/5/2022	8:45	0.0415	
		13:45	0.0414	
		15:45	0.0412	
137 Pit C	11/5/2022	9:15	0.0418	
		14:15	0.042	
		16:15	0.0419	
137 Pit B	11/5/2022	9:00	0.041	
		14:00	0.0412	
		16:00	0.0418	
137 Pit A	11/5/2022	9:20	0.042	
		14:20	0.041	
		16:20	0.0414	
WPR WF5	11/5/2022	9:45	0.042	
		14:45	0.0411	
		16:45	0.0415	

Name & Designation

Signature

Date

Field Operator:

11/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	11/5/2022	9:30		
		14:30		
		16:30		
Pit A	11/5/2022	10:00	0.041	
		15:00	0.0414	
		17:00	0.0414	
Pit B	11/5/2022	10:15	0.0413	
		15:15	0.0413	
		17:15	0.0415	
Pit D	11/5/2022	10:15	0.0411	
		15:15	0.0417	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

11/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	12/5/2022	8:30	0.0414	
		13:30	0.0413	
		15:30	0.042	
Area B	12/5/2022	8:45	0.0417	
		13:45	0.042	
		15:45	0.042	
137 Pit C	12/5/2022	9:15	0.0411	
		14:15	0.041	
		16:15	0.0414	
137 Pit B	12/5/2022	9:00	0.041	
		14:00	0.0415	
		16:00	0.0411	
137 Pit A	12/5/2022	9:20	0.0416	
		14:20	0.0414	
		16:20	0.041	
WPR WF5	12/5/2022	9:45	0.0412	
		14:45	0.0413	
		16:45	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

12/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	12/5/2022	9:30		
		14:30		
		16:30		
Pit A	12/5/2022	10:00	0.0412	
		15:00	0.0413	
		17:00	0.0417	
Pit B	12/5/2022	10:15	0.0418	
		15:15	0.0413	
		17:15	0.0416	
Pit D	12/5/2022	10:15	0.0411	
		15:15	0.0417	
		17:15	0.0411	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

12/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	13/5/2022	8:30	0.0411	
		13:30	0.0413	
		15:30	0.0418	
Area B	13/5/2022	8:45	0.0419	
		13:45	0.042	
		15:45	0.0416	
137 Pit C	13/5/2022	9:15	0.0412	
		14:15	0.0415	
		16:15	0.042	
137 Pit B	13/5/2022	9:00	0.0418	
		14:00	0.0417	
		16:00	0.0417	
137 Pit A	13/5/2022	9:20	0.0418	
		14:20	0.042	
		16:20	0.0418	
WPR WF5	13/5/2022	9:45	0.0415	
		14:45	0.0416	
		16:45	0.0418	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

13/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	13/5/2022	9:30		
		14:30		
		16:30		
Pit A	13/5/2022	10:00	0.0416	
		15:00	0.042	
		17:00	0.0414	
Pit B	13/5/2022	10:15	0.041	
		15:15	0.0413	
		17:15	0.0415	
Pit D	13/5/2022	10:15	0.0412	
		15:15	0.0416	
		17:15	0.0413	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

13/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	14/5/2022	8:30	0.0416	
		13:30	0.0419	
		15:30	0.042	
Area B	14/5/2022	8:45	0.041	
		13:45	0.042	
		15:45	0.0413	
137 Pit C	14/5/2022	9:15	0.0419	
		14:15	0.0417	
		16:15	0.0417	
137 Pit B	14/5/2022	9:00	0.0416	
		14:00	0.0414	
		16:00	0.0416	
137 Pit A	14/5/2022	9:20	0.0418	
		14:20	0.041	
		16:20	0.0411	
WPR WF5	14/5/2022	9:45	0.0418	
		14:45	0.0412	
		16:45	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

14/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	14/5/2022	9:30		
		14:30		
		16:30		
Pit A	14/5/2022	10:00	0.0416	
		15:00	0.0411	
		17:00	0.0413	
Pit B	14/5/2022	10:15	0.0415	
		15:15	0.0413	
		17:15	0.041	
Pit D	14/5/2022	10:15	0.0412	
		15:15	0.0415	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

14/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	16/5/2022	8:30	0.0419	
		13:30	0.0419	
		15:30	0.042	
Area B	16/5/2022	8:45	0.0419	
		13:45	0.0416	
		15:45	0.0414	
137 Pit C	16/5/2022	9:15	0.0417	
		14:15	0.042	
		16:15	0.0413	
137 Pit B	16/5/2022	9:00	0.0416	
		14:00	0.0418	
		16:00	0.0411	
137 Pit A	16/5/2022	9:20	0.0417	
		14:20	0.0412	
		16:20	0.041	
WPR WF5	16/5/2022	9:45	0.042	
		14:45	0.0417	
		16:45	0.0418	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

16/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	16/5/2022	9:30		
		14:30		
		16:30		
Pit A	16/5/2022	10:00	0.0414	
		15:00	0.0414	
		17:00	0.0418	
Pit B	16/5/2022	10:15	0.0413	
		15:15	0.0413	
		17:15	0.0411	
Pit D	16/5/2022	10:15	0.0412	
		15:15	0.0412	
		17:15	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

16/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	17/5/2022	8:30	0.0418	
		13:30	0.0412	
		15:30	0.0416	
Area B	17/5/2022	8:45	0.0418	
		13:45	0.0414	
		15:45	0.0419	
137 Pit C	17/5/2022	9:15	0.0419	
		14:15	0.0415	
		16:15	0.042	
137 Pit B	17/5/2022	9:00	0.0411	
		14:00	0.0412	
		16:00	0.0412	
137 Pit A	17/5/2022	9:20	0.041	
		14:20	0.0418	
		16:20	0.0412	
WPR WF5	17/5/2022	9:45	0.0413	
		14:45	0.041	
		16:45	0.0417	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

17/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	17/5/2022	9:30		
		14:30		
		16:30		
Pit A	17/5/2022	10:00	0.041	
		15:00	0.0418	
		17:00	0.0416	
Pit B	17/5/2022	10:15	0.0411	
		15:15	0.0415	
		17:15	0.0415	
Pit D	17/5/2022	10:15	0.0412	
		15:15	0.0412	
		17:15	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

17/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	18/5/2022	8:30	0.0412	
		13:30	0.0416	
		15:30	0.0416	
Area B	18/5/2022	8:45	0.0415	
		13:45	0.0416	
		15:45	0.0419	
137 Pit C	18/5/2022	9:15	0.042	
		14:15	0.0413	
		16:15	0.0415	
137 Pit B	18/5/2022	9:00	0.0414	
		14:00	0.041	
		16:00	0.0419	
137 Pit A	18/5/2022	9:20	0.0414	
		14:20	0.0418	
		16:20	0.0416	
WPR WF5	18/5/2022	9:45	0.0415	
		14:45	0.0414	
		16:45	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

18/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	18/5/2022	9:30		
		14:30		
		16:30		
Pit A	18/5/2022	10:00	0.0417	
		15:00	0.042	
		17:00	0.0419	
Pit B	18/5/2022	10:15	0.041	
		15:15	0.0419	
		17:15	0.0418	
Pit D	18/5/2022	10:15	0.0417	
		15:15	0.042	
		17:15	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

18/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	19/5/2022	8:30	0.042	
		13:30	0.0414	
		15:30	0.0416	
Area B	19/5/2022	8:45	0.0418	
		13:45	0.0414	
		15:45	0.0412	
137 Pit C	19/5/2022	9:15	0.0419	
		14:15	0.0418	
		16:15	0.0415	
137 Pit B	19/5/2022	9:00	0.0418	
		14:00	0.0417	
		16:00	0.0413	
137 Pit A	19/5/2022	9:20	0.0414	
		14:20	0.0414	
		16:20	0.0413	
WPR WF5	19/5/2022	9:45	0.0417	
		14:45	0.0418	
		16:45	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

19/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	19/5/2022	9:30		
		14:30		
		16:30		
Pit A	19/5/2022	10:00	0.0411	
		15:00	0.0414	
		17:00	0.0413	
Pit B	19/5/2022	10:15	0.0418	
		15:15	0.042	
		17:15	0.0414	
Pit D	19/5/2022	10:15	0.0415	
		15:15	0.0415	
		17:15	0.0411	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

19/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	20/5/2022	8:30	0.0411	
		13:30	0.0418	
		15:30	0.0412	
Area B	20/5/2022	8:45	0.0416	
		13:45	0.0414	
		15:45	0.0418	
137 Pit C	20/5/2022	9:15	0.0412	
		14:15	0.0415	
		16:15	0.0414	
137 Pit B	20/5/2022	9:00	0.0418	
		14:00	0.0413	
		16:00	0.0416	
137 Pit A	20/5/2022	9:20	0.0412	
		14:20	0.042	
		16:20	0.0417	
WPR WF5	20/5/2022	9:45	0.0417	
		14:45	0.042	
		16:45	0.0414	

Name & Designation

Signature

Date

Field Operator:

20/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	20/5/2022	9:30		
		14:30		
		16:30		
Pit A	20/5/2022	10:00	0.041	
		15:00	0.0412	
		17:00	0.0413	
Pit B	20/5/2022	10:15	0.0419	
		15:15	0.0418	
		17:15	0.0418	
Pit D	20/5/2022	10:15	0.0414	
		15:15	0.0418	
		17:15	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

20/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	20/5/2022	8:30	0.0411	
		13:30	0.0418	
		15:30	0.0412	
Area B	20/5/2022	8:45	0.0416	
		13:45	0.0414	
		15:45	0.0418	
137 Pit C	20/5/2022	9:15	0.0412	
		14:15	0.0415	
		16:15	0.0414	
137 Pit B	20/5/2022	9:00	0.0418	
		14:00	0.0413	
		16:00	0.0416	
137 Pit A	20/5/2022	9:20	0.0412	
		14:20	0.042	
		16:20	0.0417	
WPR WF5	20/5/2022	9:45	0.0417	
		14:45	0.042	
		16:45	0.0414	

Name & Designation

Signature

Date

Field Operator:

20/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	20/5/2022	9:30		
		14:30		
		16:30		
Pit A	20/5/2022	10:00	0.041	
		15:00	0.0412	
		17:00	0.0413	
Pit B	20/5/2022	10:15	0.0419	
		15:15	0.0418	
		17:15	0.0418	
Pit D	20/5/2022	10:15	0.0414	
		15:15	0.0418	
		17:15	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

20/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	21/5/2022	8:30	0.0412	
		13:30	0.0417	
		15:30	0.0416	
Area B	21/5/2022	8:45	0.0417	
		13:45	0.042	
		15:45	0.0412	
137 Pit C	21/5/2022	9:15	0.0414	
		14:15	0.0415	
		16:15	0.0414	
137 Pit B	21/5/2022	9:00	0.0414	
		14:00	0.0416	
		16:00	0.0417	
137 Pit A	21/5/2022	9:20	0.0412	
		14:20	0.0416	
		16:20	0.0417	
WPR WF5	21/5/2022	9:45	0.0412	
		14:45	0.041	
		16:45	0.0415	

Name & Designation

Signature

Date

Field Operator:

21/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	21/5/2022	9:30		
		14:30		
		16:30		
Pit A	21/5/2022	10:00	0.0417	
		15:00	0.041	
		17:00	0.0413	
Pit B	21/5/2022	10:15	0.0411	
		15:15	0.0412	
		17:15	0.0417	
Pit D	21/5/2022	10:15	0.0414	
		15:15	0.0418	
		17:15	0.0416	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

21/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	23/5/2022	8:30	0.041	
		13:30	0.042	
		15:30	0.0413	
Area B	23/5/2022	8:45	0.042	
		13:45	0.041	
		15:45	0.0419	
137 Pit C	23/5/2022	9:15	0.0419	
		14:15	0.041	
		16:15	0.0412	
137 Pit B	23/5/2022	9:00	0.041	
		14:00	0.041	
		16:00	0.0417	
137 Pit A	23/5/2022	9:20	0.041	
		14:20	0.042	
		16:20	0.041	
WPR WF5	23/5/2022	9:45	0.0412	
		14:45	0.0413	
		16:45	0.0417	

Name & Designation

Signature

Date

Field Operator:

23/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	23/5/2022	9:30		
		14:30		
		16:30		
Pit A	23/5/2022	10:00	0.0419	
		15:00	0.0411	
		17:00	0.0419	
Pit B	23/5/2022	10:15	0.0417	
		15:15	0.0415	
		17:15	0.0415	
Pit D	23/5/2022	10:15	0.0413	
		15:15	0.0414	
		17:15	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

23/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	24/5/2022	8:30	0.0419	
		13:30	0.0411	
		15:30	0.0413	
Area B	24/5/2022	8:45	0.0412	
		13:45	0.0413	
		15:45	0.0412	
137 Pit C	24/5/2022	9:15	0.0419	
		14:15	0.0417	
		16:15	0.0413	
137 Pit B	24/5/2022	9:00	0.0417	
		14:00	0.0411	
		16:00	0.0415	
137 Pit A	24/5/2022	9:20	0.041	
		14:20	0.0417	
		16:20	0.0413	
WPR WF5	24/5/2022	9:45	0.0419	
		14:45	0.0413	
		16:45	0.0418	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

24/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	24/5/2022	9:30		
		14:30		
		16:30		
Pit A	24/5/2022	10:00	0.0419	
		15:00	0.0412	
		17:00	0.0418	
Pit B	24/5/2022	10:15	0.0416	
		15:15	0.041	
		17:15	0.0414	
Pit D	24/5/2022	10:15	0.042	
		15:15	0.0414	
		17:15	0.0418	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

24/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	25/5/2022	8:30	0.042	
		13:30	0.0415	
		15:30	0.0418	
Area B	25/5/2022	8:45	0.0413	
		13:45	0.041	
		15:45	0.0413	
137 Pit C	25/5/2022	9:15	0.0418	
		14:15	0.0418	
		16:15	0.0412	
137 Pit B	25/5/2022	9:00	0.0419	
		14:00	0.0414	
		16:00	0.0419	
137 Pit A	25/5/2022	9:20	0.0419	
		14:20	0.0418	
		16:20	0.041	
WPR WF5	25/5/2022	9:45	0.0418	
		14:45	0.0415	
		16:45	0.0412	

Name & Designation

Signature

Date

Field Operator:

25/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	25/5/2022	9:30		
		14:30		
		16:30		
Pit A	25/5/2022	10:00	0.0419	
		15:00	0.0414	
		17:00	0.0414	
Pit B	25/5/2022	10:15	0.0417	
		15:15	0.0419	
		17:15	0.0419	
Pit D	25/5/2022	10:15	0.0417	
		15:15	0.0415	
		17:15	0.0416	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

25/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	26/5/2022	8:30	0.0418	
		13:30	0.0413	
		15:30	0.0414	
Area B	26/5/2022	8:45	0.0416	
		13:45	0.0412	
		15:45	0.0416	
137 Pit C	26/5/2022	9:15	0.0416	
		14:15	0.0413	
		16:15	0.0411	
137 Pit B	26/5/2022	9:00	0.0417	
		14:00	0.042	
		16:00	0.041	
137 Pit A	26/5/2022	9:20	0.0411	
		14:20	0.0415	
		16:20	0.0417	
WPR WF5	26/5/2022	9:45	0.0418	
		14:45	0.0414	
		16:45	0.0412	

Name & Designation

Signature

Date

Field Operator:

26/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	26/5/2022	9:30		
		14:30		
		16:30		
Pit A	26/5/2022	10:00	0.041	
		15:00	0.0416	
		17:00	0.0419	
Pit B	26/5/2022	10:15	0.0412	
		15:15	0.0412	
		17:15	0.0413	
Pit D	26/5/2022	10:15	0.0414	
		15:15	0.0411	
		17:15	0.041	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

26/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	27/5/2022	8:30	0.0414	
		13:30	0.0411	
		15:30	0.041	
Area B	27/5/2022	8:45	0.0414	
		13:45	0.0418	
		15:45	0.0415	
137 Pit C	27/5/2022	9:15	0.0413	
		14:15	0.0412	
		16:15	0.0415	
137 Pit B	27/5/2022	9:00	0.0417	
		14:00	0.0413	
		16:00	0.0412	
137 Pit A	27/5/2022	9:20	0.041	
		14:20	0.0417	
		16:20	0.0414	
WPR WF5	27/5/2022	9:45	0.042	
		14:45	0.0417	
		16:45	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

27/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	27/5/2022	9:30		
		14:30		
		16:30		
Pit A	27/5/2022	10:00	0.0417	
		15:00	0.0417	
		17:00	0.041	
Pit B	27/5/2022	10:15	0.041	
		15:15	0.0414	
		17:15	0.0415	
Pit D	27/5/2022	10:15	0.0412	
		15:15	0.0412	
		17:15	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

27/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	28/5/2022	8:30	0.0411	
		13:30	0.0411	
		15:30	0.0418	
Area B	28/5/2022	8:45	0.042	
		13:45	0.0411	
		15:45	0.0417	
137 Pit C	28/5/2022	9:15	0.0417	
		14:15	0.0414	
		16:15	0.0413	
137 Pit B	28/5/2022	9:00	0.0411	
		14:00	0.042	
		16:00	0.042	
137 Pit A	28/5/2022	9:20	0.0413	
		14:20	0.0414	
		16:20	0.0411	
WPR WF5	28/5/2022	9:45	0.0413	
		14:45	0.041	
		16:45	0.0414	

Name & Designation

Signature

Date

Field Operator:

28/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	28/5/2022	9:30		
		14:30		
		16:30		
Pit A	28/5/2022	10:00	0.0419	
		15:00	0.0411	
		17:00	0.0414	
Pit B	28/5/2022	10:15	0.0416	
		15:15	0.041	
		17:15	0.0411	
Pit D	28/5/2022	10:15	0.042	
		15:15	0.042	
		17:15	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

28/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	30/5/2022	8:30	0.0414	
		13:30	0.0418	
		15:30	0.0414	
Area B	30/5/2022	8:45	0.0412	
		13:45	0.0414	
		15:45	0.042	
137 Pit C	30/5/2022	9:15	0.041	
		14:15	0.041	
		16:15	0.0415	
137 Pit B	30/5/2022	9:00	0.0414	
		14:00	0.041	
		16:00	0.041	
137 Pit A	30/5/2022	9:20	0.0414	
		14:20	0.0416	
		16:20	0.041	
WPR WF5	30/5/2022	9:45	0.042	
		14:45	0.0419	
		16:45	0.0412	

Name & Designation

Signature

Date

Field Operator:

30/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	30/5/2022	9:30		
		14:30		
		16:30		
Pit A	30/5/2022	10:00	0.041	
		15:00	0.0419	
		17:00	0.0412	
Pit B	30/5/2022	10:15	0.0412	
		15:15	0.0417	
		17:15	0.0417	
Pit D	30/5/2022	10:15	0.0412	
		15:15	0.041	
		17:15	0.0416	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

30/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	31/5/2022	8:30	0.0413	
		13:30	0.0416	
		15:30	0.0415	
Area B	31/5/2022	8:45	0.0419	
		13:45	0.0411	
		15:45	0.0419	
137 Pit C	31/5/2022	9:15	0.0416	
		14:15	0.0411	
		16:15	0.0417	
137 Pit B	31/5/2022	9:00	0.0412	
		14:00	0.0413	
		16:00	0.0414	
137 Pit A	31/5/2022	9:20	0.0419	
		14:20	0.0415	
		16:20	0.0414	
WPR WF5	31/5/2022	9:45	0.0414	
		14:45	0.0412	
		16:45	0.0414	

Name & Designation

Signature

Date

Field Operator:

31/5/2022

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
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	31/5/2022	9:30		
		14:30		
		16:30		
Pit A	31/5/2022	10:00	0.0418	
		15:00	0.0413	
		17:00	0.0413	
Pit B	31/5/2022	10:15	0.0419	
		15:15	0.041	
		17:15	0.0417	
Pit D	31/5/2022	10:15	0.0414	
		15:15	0.0416	
		17:15	0.0411	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

31/5/2022