

Appendix J

Landfill Gas Monitoring Data

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-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	11/3/2022	0830	Fine / Rain	0	0	0	20.9	20/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	22/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	22/10/12	5.5
Area B	11/3/2022	0845	Fine / Rain	0	0	0	20.9	21/10/10	2.5
		1345	Fine / Rain	0	0	0	20.9	22/10/11	2.5
		1645	Fine / Rain	0	0	0	20.9	22/10/11	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

11/3/2022

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 3	11/3/2022	0830	Fine / Rain	0	0	0	20.9	21/1008	4.3
	"	1345	Fine / Rain	0	0	0	20.9	23/1010	4.3
	"	1645	Fine / Rain	0	0	0	20.9	23/1008	4.3
WPRTTA 4	11/3/2022	0845	Fine / Rain	0	0	0	20.9	22/1009	4
	"	1345	Fine / Rain	0	0	0	20.9	23/1010	4
	"	1645	Fine / Rain	0	0	0	20.9	23/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

11/3/2022

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	21/3/2022	0830	Fine / Rain	0	0	0	20.9	20/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	21/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	22/10/12	5.5
Area B	21/3/2022	0845	Fine / Rain	0	0	0	20.9	21/10/11	2.5
		1345	Fine / Rain	0	0	0	20.9	22/10/12	2.5
		1645	Fine / Rain	0	0	0	20.9	22/10/12	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



21/3/2022

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 3	2/3/2022	0830	Fine / Rain	0	0	0	20.9	20/1008	4.3
		1345	Fine / Rain	0	0	0	20.9	21/1009	4.3
		1645	Fine / Rain	0	0	0	20.9	21/1009	4.3
WPRTTA 4	2/3/2022	0845	Fine / Rain	0	0	0	20.9	21/1009	4
		1345	Fine / Rain	0	0	0	20.9	22/1010	4
		1645	Fine / Rain	0	0	0	20.9	22/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

2/3/2022

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	3/3/2022	0830	Fine / Rain	0	0	0	20.9	18/1010	5.5
	3/3/2022	1330	Fine / Rain	0	0	0	20.9	20/1011	5.5
	3/3/2022	1700	Fine / Rain	0	0	0	20.9	20/1011	5.5
Area B	3/3/2022	0845	Fine / Rain	0	0	0	20.9	19/1011	2.5
	3/3/2022	1345	Fine / Rain	0	0	0	20.9	20/1012	2.5
	3/3/2022	1645	Fine / Rain	0	0	0	20.9	20/1012	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



3/3/2022

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 3	3/3/2022	0830	Fine / Rain	0	0	0	20.9	19/1009	4.3
		1345	Fine / Rain	0	0	0	20.9	20/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	20/1010	4.3
WPRTTA 4	3/3/2022	0845	Fine / Rain	0	0	0	20.9	20/1010	4
		1345	Fine / Rain	0	0	0	20.9	20/1009	4
		1645	Fine / Rain	0	0	0	20.9	20/1009	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



3/3/2022

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	3/3/2022	0830	Fine / Rain	0	0	0	20.9	18/1011	8.4
		1330	Fine / Rain	0	0	0	20.9	19/1011	8.4
		1700	Fine / Rain	0	0	0	20.9	20/1012	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	19/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	20/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	20/1011	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	19/1008	10
		1330	Fine / Rain	0	0	0	20.9	21/1010	10
		1700	Fine / Rain	0	0	0	20.9	20/1010	10

Name & Designation

Signature

Date

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

Y

3/3/2022

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	4/3/2022	0830	Fine / Rain	0	0	0	20.9	20/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	21/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	21/10/12	5.5
Area B	4/3/2022	0845	Fine / Rain	0	0	0	20.9	22/10/11	2.5
		1345	Fine / Rain	0	0	0	20.9	23/10/12	2.5
		1645	Fine / Rain	0	0	0	20.9	23/10/12	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

4/3/2022

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 3	4/3/2022	0830	Fine / Rain	0	0	0	20.9	19/1009	4.3
	"	1345	Fine / Rain	0	0	0	20.9	21/1010	4.3
	"	1645	Fine / Rain	0	0	0	20.9	21/1010	4.3
WPRTTA 4	4/3/2022	0845	Fine / Rain	0	0	0	20.9	20/1008	4
	"	1345	Fine / Rain	0	0	0	20.9	21/1010	4
	"	1645	Fine / Rain	0	0	0	20.9	21/1009	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



4/3/2022

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	4/31/2022	0830	Fine / Rain	0	0	0	20.9	20/1009	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	21/1010	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	21/1010	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	21/1011	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	22/1011	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	21/1010	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	20/1009	10
	✓	1330	Fine / Rain	0	0	0	20.9	21/1010	10
	✓	1700	Fine / Rain	0	0	0	20.9	21/1010	10

Name & Designation

Signature

Date

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

Y

4/31/2022

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	5/3/2022	0830	Fine / Rain	0	0	0	20.9	18/10/1	5.5
	5/3/2022	1330	Fine / Rain	0	0	0	20.9	20/10/2	5.5
	5/3/2022	1700	Fine / Rain	0	0	0	20.9	22/10/3	5.5
Area B	5/3/2022	0845	Fine / Rain	0	0	0	20.9	19/10/1	2.5
	5/3/2022	1345	Fine / Rain	0	0	0	20.9	20/10/2	2.5
	5/3/2022	1645	Fine / Rain	0	0	0	20.9	21/10/2	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

5/3/2022

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 3	5/3/2022	0830	Fine / Rain	0	0	0	20.9	19/1009	4.3
		1345	Fine / Rain	0	0	0	20.9	20/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	20/1010	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	20/1010	4
		1345	Fine / Rain	0	0	0	20.9	22/1011	4
		1645	Fine / Rain	0	0	0	20.9	22/1011	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

5/3/2022

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	5/3/2022	0830	Fine / Rain	0	0	0	20.9	19/1011	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	20/1012	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	20/1012	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	20/1011	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	21/1012	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	22/1011	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	21/1011	10
	✓	1330	Fine / Rain	0	0	0	20.9	23/1012	10
	✓	1700	Fine / Rain	0	0	0	20.9	23/1012	10

Name & Designation

Signature

Date

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

✓

5/3/2022

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	7/3/2022	0830	Fine / Rain	0	0	0	20.9	18/10/11	5.5
	"	1330	Fine / Rain	0	0	0	20.9	20/10/12	5.5
	"	1700	Fine / Rain	0	0	0	20.9	20/10/12	5.5
Area B	7/3/2022	0845	Fine / Rain	0	0	0	20.9	20/10/11	2.5
	"	1345	Fine / Rain	0	0	0	20.9	22/10/11	2.5
	"	1645	Fine / Rain	0	0	0	20.9	21/10/10	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

7/3/2022

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 3	7/3/2022	0830	Fine / Rain	0	0	0	20.9	18/1009	4.3
	-	1345	Fine / Rain	0	0	0	20.9	20/1010	4.3
	-	1645	Fine / Rain	0	0	0	20.9	20/1010	4.3
WPRTTA 4	-	0845	Fine / Rain	0	0	0	20.9	18/1010	4
	-	1345	Fine / Rain	0	0	0	20.9	21/1009	4
	-	1645	Fine / Rain	0	0	0	20.9	20/1009	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



7/3/2022

Laboratory Staff:

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Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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Date of measurement:

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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	7/3/2022	0830	Fine / Rain	0	0	0	20.9	18/1009	8.4
	-	1330	Fine / Rain	0	0	0	20.9	20/1011	8.4
	-	1700	Fine / Rain	0	0	0	20.9	20/1011	8.4
Area 137 Pit B	-	0830	Fine / Rain	0	0	0	20.9	19/1010	8.6
	-	1330	Fine / Rain	0	0	0	20.9	21/1011	8.6
	-	1700	Fine / Rain	0	0	0	20.9	21/1010	8.6
Area 137 Pit C	-	0830	Fine / Rain	0	0	0	20.9	20/1010	10
	-	1330	Fine / Rain	0	0	0	20.9	22/1011	10
	-	1700	Fine / Rain	0	0	0	20.9	22/1011	10

Name & Designation

Signature

Date

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



7/3/2022

Laboratory Staff:

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Mainlaying in Tseung Kwan 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	8/3/2022	0830	Fine / Rain	0	0	0	20.9	16/1010	5.5
		1330	Fine / Rain	0	0	0	20.9	17/1011	5.5
		1700	Fine / Rain	0	0	0	20.9	17/1011	5.5
Area B	8/3/2022	0845	Fine / Rain	0	0	0	20.9	17/1012	2.5
		1345	Fine / Rain	0	0	0	20.9	18/1011	2.5
		1645	Fine / Rain	0	0	0	20.9	18/1011	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



8/3/2022

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

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

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 3	8/3/2022	0830	Fine / Rain	0	0	0	20.9	16/1009	4.3
	✓	1345	Fine / Rain	0	0	0	20.9	18/1010	4.3
	✓	1645	Fine / Rain	0	0	0	20.9	17/1009	4.3
WPRTTA 4	✓	0845	Fine / Rain	0	0	0	20.9	17/1010	4
	✓	1345	Fine / Rain	0	0	0	20.9	18/1009	4
	✓	1645	Fine / Rain	0	0	0	20.9	18/1009	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

8/3/2022

Laboratory Staff:

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Contract no. 13/WSD/16

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Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

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

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	8/3/2022	0830	Fine / Rain	0	0	0	20.9	17/10/0	8.4
		1330	Fine / Rain	0	0	0	20.9	18/10/11	8.4
		1700	Fine / Rain	0	0	0	20.9	19/10/11	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	18/10/09	8.6
		1330	Fine / Rain	0	0	0	20.9	20/10/0	8.6
		1700	Fine / Rain	0	0	0	20.9	20/10/0	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	18/10/0	10
		1330	Fine / Rain	0	0	0	20.9	19/10/11	10
		1700	Fine / Rain	0	0	0	20.9	19/10/11	10

Name & Designation

Signature

Date

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

Y

8/3/2022

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	9/3/2022	0830	Fine / Rain	0	0	0	20.9	17/1011	5.5
		1330	Fine / Rain	0	0	0	20.9	19/1012	5.5
		1700	Fine / Rain	0	0	0	20.9	19/1012	5.5
Area B	9/3/2022	0845	Fine / Rain	0	0	0	20.9	18/1010	2.5
		1345	Fine / Rain	0	0	0	20.9	19/1011	2.5
		1645	Fine / Rain	0	0	0	20.9	19/1011	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

9/3/2022

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 3	9/3/2022	0830	Fine / Rain	0	0	0	20.9	17/1009	4.3
	✓	1345	Fine / Rain	0	0	0	20.9	19/1010	4.3
	✓	1645	Fine / Rain	0	0	0	20.9	20/1010	4.3
WPRTTA 4	✓	0845	Fine / Rain	0	0	0	20.9	18/1010	4
	✓	1345	Fine / Rain	0	0	0	20.9	20/1011	4
	✓	1645	Fine / Rain	0	0	0	20.9	20/1011	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

9/3/2022

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	9/31/2022	0830	Fine / Rain	0	0	0	20.9	19/1009	8.4
		1330	Fine / Rain	0	0	0	20.9	21/1010	8.4
		1700	Fine / Rain	0	0	0	20.9	21/1010	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	20/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	21/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	22/1012	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	21/1011	10
		1330	Fine / Rain	0	0	0	20.9	22/1012	10
		1700	Fine / Rain	0	0	0	20.9	21/1011	10

Name & Designation

Signature

Date

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

Laboratory Staff:

Checked by:



9/31/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

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

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	10/3/2022	0830	Fine / Rain	0	0	0	20.9	18/10/10	5.5
	10/3/2022	1330	Fine / Rain	0	0	0	20.9	20/10/11	5.5
	10/3/2022	1700	Fine / Rain	0	0	0	20.9	21/10/11	5.5
Area B	10/3/2022	0845	Fine / Rain	0	0	0	20.9	20/10/11	2.5
	10/3/2022	1345	Fine / Rain	0	0	0	20.9	22/10/10	2.5
	10/3/2022	1645	Fine / Rain	0	0	0	20.9	21/10/11	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



~~20/10/11~~ 10/3/2022

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 3	10/3/2022	0830	Fine / Rain	0	0	0	20.9	19/1009	4.3
	✓	1345	Fine / Rain	0	0	0	20.9	21/1010	4.3
	✓	1645	Fine / Rain	0	0	0	20.9	20/1010	4.3
WPRTTA 4	✓	0845	Fine / Rain	0	0	0	20.9	19/1010	4
	✓	1345	Fine / Rain	0	0	0	20.9	22/1011	4
	✓	1645	Fine / Rain	0	0	0	20.9	22/1011	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

10/3/2022

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	10/3/2022	0830	Fine / Rain	0	0	0	20.9	20/1011	8.4
		1330	Fine / Rain	0	0	0	20.9	22/1011	8.4
		1700	Fine / Rain	0	0	0	20.9	21/1010	8.4
Area 137 Pit B		0830	Fine / Rain	0	0	0	20.9	19/1010	8.6
		1330	Fine / Rain	0	0	0	20.9	22/1011	8.6
		1700	Fine / Rain	0	0	0	20.9	20/1010	8.6
Area 137 Pit C		0830	Fine / Rain	0	0	0	20.9	20/1010	10
		1330	Fine / Rain	0	0	0	20.9	22/1011	10
		1700	Fine / Rain	0	0	0	20.9	20/1011	10

Name & Designation

Signature

Date

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

Y

10/3/2022

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	11/3/2022	0830	Fine / Rain	0	0	0	20.9	20/10/10	5.5
	--	1330	Fine / Rain	0	0	0	20.9	22/10/11	5.5
	--	1700	Fine / Rain	0	0	0	20.9	22/10/11	5.5
Area B	11/3/2022	0845	Fine / Rain	0	0	0	20.9	21/10/10	2.5
	--	1345	Fine / Rain	0	0	0	20.9	23/10/11	2.5
	--	1645	Fine / Rain	0	0	0	20.9	23/10/11	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

11/3/2022

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 3	11/3/2022	0830	Fine / Rain	0	0	0	20.9	20/1009.	4.3
	-	1345	Fine / Rain	0	0	0	20.9	22/1010	4.3
	-	1645	Fine / Rain	0	0	0	20.9	22/1010	4.3
WPRTTA 4	-	0845	Fine / Rain	0	0	0	20.9	19/1010	4
	-	1345	Fine / Rain	0	0	0	20.9	22/1011	4
	-	1645	Fine / Rain	0	0	0	20.9	23/1012	4

Name & Designation

Signature

Date

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

8

11/3/2022.

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	11/3/2022	0830	Fine / Rain	0	0	0	20.9	21/1011	8.4
	"	1330	Fine / Rain	0	0	0	20.9	23/1012	8.4
	"	1700	Fine / Rain	0	0	0	20.9	23/1012	8.4
Area 137 Pit B	"	0830	Fine / Rain	0	0	0	20.9	20/1010	8.6
	"	1330	Fine / Rain	0	0	0	20.9	23/1011	8.6
	"	1700	Fine / Rain	0	0	0	20.9	21/1010	8.6
Area 137 Pit C	"	0830	Fine / Rain	0	0	0	20.9	20/1009	10
	"	1330	Fine / Rain	0	0	0	20.9	21/1010	10
	"	1700	Fine / Rain	0	0	0	20.9	21/1010	10

Name & Designation

Signature

Date

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



11/3/2022

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	12/3/2022	0830	Fine / Rain	0	0	0	20.9	22/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	23/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	23/10/12	5.5
Area B	12/3/2022	0845	Fine / Rain	0	0	0	20.9	23/10/11	2.5
		1345	Fine / Rain	0	0	0	20.9	24/10/11	2.5
		1645	Fine / Rain	0	0	0	20.9	23/10/12	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

12/3/2022

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 3	12/13/2022	0830	Fine / Rain	0	0	0	20.9	21/1009	4.3
	✓	1345	Fine / Rain	0	0	0	20.9	23/1010	4.3
	✓	1645	Fine / Rain	0	0	0	20.9	23/1010	4.3
WPRTTA 4	✓	0845	Fine / Rain	0	0	0	20.9	20/1010	4
	✓	1345	Fine / Rain	0	0	0	20.9	22/1011	4
	✓	1645	Fine / Rain	0	0	0	20.9	23/1011	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

12/13/2022

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	12/3/2022	0830	Fine / Rain	0	0	0	20.9	21/1011	8.4
	~	1330	Fine / Rain	0	0	0	20.9	23/1012	8.4
	~	1700	Fine / Rain	0	0	0	20.9	22/1012	8.4
Area 137 Pit B	~	0830	Fine / Rain	0	0	0	20.9	20/1010	8.6
	~	1330	Fine / Rain	0	0	0	20.9	22/1011	8.6
	~	1700	Fine / Rain	0	0	0	20.9	22/1011	8.6
Area 137 Pit C	~	0830	Fine / Rain	0	0	0	20.9	21/1011	10
	~	1330	Fine / Rain	0	0	0	20.9	22/1010	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

12/3/2022

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	14/3/2022	0830	Fine / Rain	0	0	0	20.9	23/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	24/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	24/10/12	5.5
Area B	14/3/2022	0845	Fine / Rain	0	0	0	20.9	24/10/11	2.5
		1345	Fine / Rain	0	0	0	20.9	23/10/10	2.5
		1645	Fine / Rain	0	0	0	20.9	23/10/10	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



21/4/3/2022

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 3	14/3/2022	0830	Fine / Rain	0	0	0	20.9	23/1008	4.3
		1345	Fine / Rain	0	0	0	20.9	24/1008	4.3
		1645	Fine / Rain	0	0	0	20.9	25/1008	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	24/1010	4
		1345	Fine / Rain	0	0	0	20.9	25/1011	4
		1645	Fine / Rain	0	0	0	20.9	25/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



14/3/2022

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	14/3/2022	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	24/1011	8.6
	"	1330	Fine / Rain	0	0	0	20.9	25/1011	8.6
	"	1700	Fine / Rain	0	0	0	20.9	24/1012	8.6
Area 137 Pit C	"	0830	Fine / Rain	0	0	0	20.9	22/1007	10
	"	1330	Fine / Rain	0	0	0	20.9	24/1010	10
	"	1700	Fine / Rain	0	0	0	20.9	24/1010	10

Name & Designation

Signature

Date

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



14/3/2022

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	15/3/2022	0830	Fine / Rain	0	0	0	20.9	23/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	24/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	25/10/12	5.5
Area B	15/3/2022	0845	Fine / Rain	0	0	0	20.9	24/10/10	2.5
		1345	Fine / Rain	0	0	0	20.9	28/10/11	2.5
		1645	Fine / Rain	0	0	0	20.9	25/10/11	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

15/3/2022

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 3	15/3/2022	0830	Fine / Rain	0	0	0	20.9	24/1009	4.3
	"	1345	Fine / Rain	0	0	0	20.9	25/1010	4.3
	"	1645	Fine / Rain	0	0	0	20.9	25/1010	4.3
WPRTTA 4	"	0845	Fine / Rain	0	0	0	20.9	23/1008	4
	"	1345	Fine / Rain	0	0	0	20.9	25/1011	4
	"	1645	Fine / Rain	0	0	0	20.9	25/1011	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

15/3/2022

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	15/3/2022	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	24/1009	8.6
	-	1330	Fine / Rain	0	0	0	20.9	25/1011	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	23/1010	10
	-	1330	Fine / Rain	0	0	0	20.9	22/1011	10
	-	1700	Fine / Rain	0	0	0	20.9	23/1010	10

Name & Designation

Signature

Date

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

Y

15/3/2022

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	16/3/2022	0830	Fine / Rain	0	0	0	20.9	22/1010	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	16/3/2022	0845	Fine / Rain	0	0	0	20.9	22/1009	2.5
		1345	Fine / Rain	0	0	0	20.9	23/1010	2.5
		1645	Fine / Rain	0	0	0	20.9	23/1010	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

16/3/2022

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 3	16/13/2022	0830	Fine / Rain	0	0	0	20.9	22/1009	4.3
	✓	1345	Fine / Rain	0	0	0	20.9	23/1010	4.3
	✓	1645	Fine / Rain	0	0	0	20.9	23/1010	4.3
WPRTTA 4	✓	0845	Fine / Rain	0	0	0	20.9	23/1010	4
	✓	1345	Fine / Rain	0	0	0	20.9	24/1011	4
	✓	1645	Fine / Rain	0	0	0	20.9	24/1011	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

16/13/2022

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	16/3/2022	0830	Fine / Rain	0	0	0	20.9	22/1010	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	23/1011	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	23/1011	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	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	23/1011	10

Name & Designation

Signature

Date

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

Y

16/3/2022

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	17/3/2022	0830	Fine / Rain	0	0	0	20.9	23/1009	5.5
		1330	Fine / Rain	0	0	0	20.9	24/1010	5.5
		1700	Fine / Rain	0	0	0	20.9	24/1010	5.5
Area B	17/3/2022	0845	Fine / Rain	0	0	0	20.9	24/1011	2.5
		1345	Fine / Rain	0	0	0	20.9	23/1011	2.5
		1645	Fine / Rain	0	0	0	20.9	23/1011	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



17/3/2022

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 3	17/3/2022	0830	Fine / Rain	0	0	0	20.9	24/1009	4.3
	✓	1345	Fine / Rain	0	0	0	20.9	26/1010	4.3
	✓	1645	Fine / Rain	0	0	0	20.9	25/1010	4.3
WPRTTA 4	✓	0845	Fine / Rain	0	0	0	20.9	23/1010	4
	✓	1345	Fine / Rain	0	0	0	20.9	25/1011	4
	✓	1645	Fine / Rain	0	0	0	20.9	25/1011	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

17/3/2022

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	17/3/2022	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	24/1011	8.6
	"	1330	Fine / Rain	0	0	0	20.9	25/1012	8.6
	"	1700	Fine / Rain	0	0	0	20.9	25/1012	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

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

Y

17/3/2022

Laboratory Staff:

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Mainlaying in Tseung Kwan 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	18/3/2022	0830	Fine / Rain	0	0	0	20.9	23/1008	5.5
		1330	Fine / Rain	0	0	0	20.9	24/1010	5.5
		1700	Fine / Rain	0	0	0	20.9	24/1011	5.5
Area B	18/3/2022	0845	Fine / Rain	0	0	0	20.9	24/1010	2.5
		1345	Fine / Rain	0	0	0	20.9	25/1011	2.5
		1645	Fine / Rain	0	0	0	20.9	28/1011	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

18/3/2022

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 3	18/3/2022	0830	Fine / Rain	0	0	0	20.9	23/1002	4.3
		1345	Fine / Rain	0	0	0	20.9	25/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	25/1010	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	24/1008	4
		1345	Fine / Rain	0	0	0	20.9	26/1010	4
		1645	Fine / Rain	0	0	0	20.9	26/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



18/3/2022

Laboratory Staff:

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Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

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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	18/3/2022	0830	Fine / Rain	0	0	0	20.9	23/10/11	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	25/10/12	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	28/10/12	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	28/10/11	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	22/10/10	10
	✓	1330	Fine / Rain	0	0	0	20.9	24/10/11	10
	✓	1700	Fine / Rain	0	0	0	20.9	23/10/10	10

Name & Designation

Signature

Date

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

✓

18/3/2022

Laboratory Staff:

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Contract no. 13/WSD/16

Mainlaying in Tseung Kwan 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	19/3/2022	0830	Fine / Rain	0	0	0	20.9	23/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	23/10/11	5.5
		1700	Fine / Rain	0	0	0	20.9	24/10/12	5.5
Area B	19/3/2022	0845	Fine / Rain	0	0	0	20.9	22/10/10	2.5
		1345	Fine / Rain	0	0	0	20.9	23/10/11	2.5
		1645	Fine / Rain	0	0	0	20.9	23/10/11	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



19/3/2022

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 3	19/3/2022	0830	Fine / Rain	0	0	0	20.9	23/1009	4.3
		1345	Fine / Rain	0	0	0	20.9	24/1010	4.3
		1645	Fine / Rain	0	0	0	20.9	24/1010	4.3
WPRTTA 4		0845	Fine / Rain	0	0	0	20.9	23/1008	4
		1345	Fine / Rain	0	0	0	20.9	24/1009	4
		1645	Fine / Rain	0	0	0	20.9	23/1008	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

~~19/3/2022~~ 19/3/2022

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	19/3/2022	0830	Fine / Rain	0	0	0	20.9	24/1011	8.4
		1330	Fine / Rain	0	0	0	20.9	25/1012	8.4
		1700	Fine / Rain	0	0	0	20.9	25/1012	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	25/1010	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	26/1011	10

Name & Designation

Signature

Date

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



19/3/2022

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	21/3/2022	0830	Fine / Rain	0	0	0	20.9	21/1009	5.5
	"	1330	Fine / Rain	0	0	0	20.9	22/1010	5.5
	"	1700	Fine / Rain	0	0	0	20.9	22/1010	5.5
Area B	"	0845	Fine / Rain	0	0	0	20.9	22/1010	2.5
	"	1345	Fine / Rain	0	0	0	20.9	22/1009	2.5
	"	1645	Fine / Rain	0	0	0	20.9	23/1010	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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21/3/2022

Laboratory Staff:

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Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

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

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 3	21/3/2022	0830	Fine / Rain	0	0	0	20.9	21/1008	4.3
	"	1330	Fine / Rain	0	0	0	20.9	22/1009	4.3
	"	1700	Fine / Rain	0	0	0	20.9	22/1009	4.3
WPRTTA 4	"	0830	Fine / Rain	0	0	0	20.9	22/1009	4
	"	1330	Fine / Rain	0	0	0	20.9	23/1009	4
	"	1700	Fine / Rain	0	0	0	20.9	22/1009	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



21/3/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

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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	21/3/2022	0830	Fine / Rain	0	0	0	20.9	21/1010	8.4
	21	1330	Fine / Rain	0	0	0	20.9	22/1009	8.4
	21	1700	Fine / Rain	0	0	0	20.9	22/1010	8.4
Area 137 Pit B	21	0830	Fine / Rain	0	0	0	20.9	21/1011	8.6
	21	1330	Fine / Rain	0	0	0	20.9	22/1012	8.6
	21	1700	Fine / Rain	0	0	0	20.9	22/1012	8.6
Area 137 Pit C	21	0830	Fine / Rain	0	0	0	20.9	21/1011	10
	21	1330	Fine / Rain	0	0	0	20.9	23/1012	10
	21	1700	Fine / Rain	0	0	0	20.9	22/1011	10

Name & Designation

Signature

Date

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

Y

21/3/2022.

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	22/3/22	0830	Fine / Rain	0	0	0	20.9	22/1009	5.5
	✓	1330	Fine / Rain	0	0	0	20.9	23/1010	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	2.5
	✓	1345	Fine / Rain	0	0	0	20.9	24/1010	2.5
	✓	1645	Fine / Rain	0	0	0	20.9	24/1009	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

22/3/2022

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 3	22/3/2022	0830	Fine / Rain	0	0	0	20.9	22/1009	4.3
	-	1330	Fine / Rain	0	0	0	20.9	23/1010	4.3
	-	1700	Fine / Rain	0	0	0	20.9	23/1010	4.3
WPRTTA 4	-	0830	Fine / Rain	0	0	0	20.9	23/1010	4
	-	1330	Fine / Rain	0	0	0	20.9	24/1009	4
	-	1700	Fine / Rain	0	0	0	20.9	24/1009	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



22/3/2022

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	22/3/2022	0830	Fine / Rain	0	0	0	20.9	22/1010	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	23/1011	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	23/1011	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	23/1011	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	25/1012	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	24/1012	10
	✓	1700	Fine / Rain	0	0	0	20.9	24/1012	10

Name & Designation

Signature

Date

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

✓

22/3/2022

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	23/3/2022	0830	Fine / Rain	0	0	0	20.9	17/10/11	5.5
		1330	Fine / Rain	0	0	0	20.9	18/10/12	5.5
		1700	Fine / Rain	0	0	0	20.9	18/10/12	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	16/10/11	2.5
		1345	Fine / Rain	0	0	0	20.9	17/10/12	2.5
		1645	Fine / Rain	0	0	0	20.9	17/10/12	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

23/3/2022

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 3	23/2/2022	0830	Fine / Rain	0	0	0	20.9	17/1008	4.3
	..	1330	Fine / Rain	0	0	0	20.9	19/1010	4.3
	..	1700	Fine / Rain	0	0	0	20.9	19/1010	4.3
WPRTTA 4	..	0830	Fine / Rain	0	0	0	20.9	18/1010	4
	..	1330	Fine / Rain	0	0	0	20.9	20/1011	4
	..	1700	Fine / Rain	0	0	0	20.9	20/1011	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



23/3/2022.

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	23/3/2022	0830	Fine / Rain	0	0	0	20.9	17/10/11	8.4
	..	1330	Fine / Rain	0	0	0	20.9	18/10/12	8.4
	..	1700	Fine / Rain	0	0	0	20.9	18/10/12	8.4
Area 137 Pit B	..	0830	Fine / Rain	0	0	0	20.9	18/10/10	8.6
	..	1330	Fine / Rain	0	0	0	20.9	19/10/11	8.6
	..	1700	Fine / Rain	0	0	0	20.9	18/10/10	8.6
Area 137 Pit C	..	0830	Fine / Rain	0	0	0	20.9	17/10/09	10
	..	1330	Fine / Rain	0	0	0	20.9	18/10/10	10
	..	1700	Fine / Rain	0	0	0	20.9	18/10/10	10

Name & Designation

Signature

Date

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

Y

23/3/2022

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	24/3/2022	0830	Fine / Rain	0	0	0	20.9	17/1010	5.5
		1330	Fine / Rain	0	0	0	20.9	18/1011	5.5
		1700	Fine / Rain	0	0	0	20.9	18/1011	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	16/1009	2.5
		1345	Fine / Rain	0	0	0	20.9	17/1010	2.5
		1645	Fine / Rain	0	0	0	20.9	17/1010	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

24/3/2022

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 3	24/3/2022	0830	Fine / Rain	0	0	0	20.9	16/1008	4.3
	- /	1330	Fine / Rain	0	0	0	20.9	17/1010	4.3
	- /	1700	Fine / Rain	0	0	0	20.9	17/1010	4.3
WPRTTA 4	- /	0830	Fine / Rain	0	0	0	20.9	16/1008	4
	- /	1330	Fine / Rain	0	0	0	20.9	18/1010	4
	- /	1700	Fine / Rain	0	0	0	20.9	17/1009	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

24/3/2022.

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	24/3/2022	0830	Fine / Rain	0	0	0	20.9	16/1009	8.4
	-	1330	Fine / Rain	0	0	0	20.9	17/1010	8.4
	-	1700	Fine / Rain	0	0	0	20.9	17/1010	8.4
Area 137 Pit B	-	0830	Fine / Rain	0	0	0	20.9	16/1010	8.6
	-	1330	Fine / Rain	0	0	0	20.9	17/1009	8.6
	-	1700	Fine / Rain	0	0	0	20.9	17/1010	8.6
Area 137 Pit C	-	0830	Fine / Rain	0	0	0	20.9	16/1010	10
	-	1330	Fine / Rain	0	0	0	20.9	18/1011	10
	-	1700	Fine / Rain	0	0	0	20.9	17/1010	10

Name & Designation

Signature

Date

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

Y

24/3/2022

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	25/3/2022	0830	Fine / Rain	0	0	0	20.9	19/1010	5.5
		1330	Fine / Rain	0	0	0	20.9	21/1011	5.5
		1700	Fine / Rain	0	0	0	20.9	21/1011	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	20/1009	2.5
		1345	Fine / Rain	0	0	0	20.9	22/1010	2.5
		1645	Fine / Rain	0	0	0	20.9	22/1010	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

25/3/2022

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 3	25/3/2022	0830	Fine / Rain	0	0	0	20.9	20/1009	4.3
	"	1330	Fine / Rain	0	0	0	20.9	21/1010	4.3
	"	1700	Fine / Rain	0	0	0	20.9	21/1010	4.3
WPRTTA 4	"	0830	Fine / Rain	0	0	0	20.9	21/1010	4
	"	1330	Fine / Rain	0	0	0	20.9	23/1011	4
	"	1700	Fine / Rain	0	0	0	20.9	23/1011	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

25/3/2022

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	25/3/2022	0830	Fine / Rain	0	0	0	20.9	19/1009	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	21/1010	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	21/1010	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	20/1011	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	21/1012	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	21/1012	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	20/1010	10
	✓	1330	Fine / Rain	0	0	0	20.9	22/1011	10
	✓	1700	Fine / Rain	0	0	0	20.9	21/1010	10

Name & Designation

Signature

Date

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



25/3/2022

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	26/3/2022	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	27/1011	5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	25/1011	2.5
	✓	1345	Fine / Rain	0	0	0	20.9	26/1010	2.5
	✓	1645	Fine / Rain	0	0	0	20.9	26/1010	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

26/3

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 3	26/3/2022	0830	Fine / Rain	0	0	0	20.9	28/1009	4.3
	✓	1330	Fine / Rain	0	0	0	20.9	26/1010	4.3
	✓	1700	Fine / Rain	0	0	0	20.9	26/1010	4.3
WPRTTA 4	✓	0830	Fine / Rain	0	0	0	20.9	28/1010	4
	✓	1330	Fine / Rain	0	0	0	20.9	26/1009	4
	✓	1700	Fine / Rain	0	0	0	20.9	28/1009	4

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	Jock Lee (Competent Person [CO-310218])	Y	26/3/2022
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	26/3/2022	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	25/1009	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	27/1010	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	27/1010	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	27/1011	10
	✓	1700	Fine / Rain	0	0	0	20.9	27/1011	10

Name & Designation

Signature

Date

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



26/3/2022

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	28/3/2022	0830	Fine / Rain	0	0	0	20.9	17/1011	5.5
		1330	Fine / Rain	0	0	0	20.9	18/1011	5.5
		1700	Fine / Rain	0	0	0	20.9	18/1011	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	17/1010	2.5
		1345	Fine / Rain	0	0	0	20.9	18/1010	2.5
		1645	Fine / Rain	0	0	0	20.9	17/1009	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

28/3/2022

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 3	28/3/2022	0830	Fine / Rain	0	0	0	20.9	17/1009	4.3
		1330	Fine / Rain	0	0	0	20.9	18/1009	4.3
		1700	Fine / Rain	0	0	0	20.9	17/1010	4.3
WPRTTA 4		0830	Fine / Rain	0	0	0	20.9	17/1010	4
		1330	Fine / Rain	0	0	0	20.9	17/1010	4
		1700	Fine / Rain	0	0	0	20.9	18/1009	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

28/3/2022

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	28/3/2022	0830	Fine / Rain	0	0	0	20.9	17/1011	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	18/1012	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	18/1012	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	17/1011	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	17/1011	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	18/1012	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	18/1010	10
	✓	1330	Fine / Rain	0	0	0	20.9	17/1011	10
	✓	1700	Fine / Rain	0	0	0	20.9	18/1011	10

Name & Designation

Signature

Date

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

Y

28/3/2022

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	28/3/2022	0830	Fine / Rain	0	0	0	20.9	18/10/0	5.5
		1330	Fine / Rain	0	0	0	20.9	19/10/1	5.5
		1700	Fine / Rain	0	0	0	20.9	19/10/1	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	19/10/0	2.5
		1345	Fine / Rain	0	0	0	20.9	19/10/0	2.5
		1645	Fine / Rain	0	0	0	20.9	18/10/0	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

28/3/2022

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 3	29/3/2022	0830	Fine / Rain	0	0	0	20.9	18/1009	4.3
	-	1330	Fine / Rain	0	0	0	20.9	20/1010	4.3
	-	1700	Fine / Rain	0	0	0	20.9	20/1010	4.3
WPRTTA 4	-	0830	Fine / Rain	0	0	0	20.9	19/1010	4
	-	1330	Fine / Rain	0	0	0	20.9	20/1010	4
	-	1700	Fine / Rain	0	0	0	20.9	20/1009	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Y

29/3/2022

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	28/3/2022	0830	Fine / Rain	0	0	0	20.9	18/10/0	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	19/10/1	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	18/10/1	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	19/10/0	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	19/10/0	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	20/10/1	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	18/10/0	10
	✓	1330	Fine / Rain	0	0	0	20.9	18/10/0	10
	✓	1700	Fine / Rain	0	0	0	20.9	19/10/1	10

Name & Designation

Signature

Date

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

✓

28/3/2022

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	30/3/2022	0830	Fine / Rain	0	0	0	20.9	21/1011	5.5
	✓	1330	Fine / Rain	0	0	0	20.9	22/1012	5.5
	✓	1700	Fine / Rain	0	0	0	20.9	22/1012	5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	22/1011	2.5
	✓	1345	Fine / Rain	0	0	0	20.9	21/1010	2.5
	✓	1645	Fine / Rain	0	0	0	20.9	22/1010	2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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30/3/2022

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 3	30/3/2022	0830	Fine / Rain	0	0	0	20.9	21/1009	4.3
	✓	1330	Fine / Rain	0	0	0	20.9	23/1010	4.3
	✓	1700	Fine / Rain	0	0	0	20.9	23/1010	4.3
WPRTTA 4	✓	0830	Fine / Rain	0	0	0	20.9	22/1010	4
	✓	1330	Fine / Rain	0	0	0	20.9	23/1009	4
	✓	1700	Fine / Rain	0	0	0	20.9	22/1010	4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

30/3/2022

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	30/3/2022	0830	Fine / Rain	0	0	0	20.9	20/1011	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	23/1012	8.4
	✓	1700	Fine / Rain	0	0	0	20.9	23/1012	8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	21/1012	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	23/1012	8.6
	✓	1700	Fine / Rain	0	0	0	20.9	22/1011	8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	22/1012	10
	✓	1330	Fine / Rain	0	0	0	20.9	23/1012	10
	✓	1700	Fine / Rain	0	0	0	20.9	23/1012	10

Name & Designation

Signature

Date

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



30/3/2022

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	31/3/2022	0830	Fine / Rain	0	0	0	20.9	23/10/11	5.5
	✓	1330	Fine / Rain	0	0	0	20.9	25/10/12	5.5
	✓	1700	Fine / Rain	0	0	0	20.9		5.5
Area B	✓	0845	Fine / Rain	0	0	0	20.9	22/10/10	2.5
	✓	1345	Fine / Rain	0	0	0	20.9	25/10/12	2.5
	✓	1645	Fine / Rain	0	0	0	20.9		2.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

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31/3/2022

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 3	31/3/2022	0830	Fine / Rain	0	0	0	20.9	22/1009	4.3
	✓	1330	Fine / Rain	0	0	0	20.9	25/1010	4.3
	✓	1700	Fine / Rain	0	0	0	20.9		4.3
WPRTTA 4	✓	0830	Fine / Rain	0	0	0	20.9	22/1010	4
	✓	1330	Fine / Rain	0	0	0	20.9	24/1011	4
	✓	1700	Fine / Rain	0	0	0	20.9		4

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



31/3/2022

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	31/3/2022	0830	Fine / Rain	0	0	0	20.9	22/10/11	8.4
	✓	1330	Fine / Rain	0	0	0	20.9	25/10/12	8.4
	✓	1700	Fine / Rain	0	0	0	20.9		8.4
Area 137 Pit B	✓	0830	Fine / Rain	0	0	0	20.9	21/10/10	8.6
	✓	1330	Fine / Rain	0	0	0	20.9	24/10/12	8.6
	✓	1700	Fine / Rain	0	0	0	20.9		8.6
Area 137 Pit C	✓	0830	Fine / Rain	0	0	0	20.9	20/10/10	10
	✓	1330	Fine / Rain	0	0	0	20.9	23/10/11	10
	✓	1700	Fine / Rain	0	0	0	20.9		10

Name & Designation

Signature

Date

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

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31/3/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	1/3/2022	8:30	0.0413	
		13:30	0.0416	
		15:30	0.0413	
Area B	1/3/2022	8:45	0.0419	
		13:45	0.042	
		15:45	0.0416	
137 Pit C	1/3/2022	9:15		
		14:15		
		16:15		
137 Pit B	1/3/2022	9:00		
		14:00		
		16:00		
137 Pit A	1/3/2022	9:20		
		14:20		
		16:20		
WPR WF3	1/3/2022	9:45	0.0416	
		14:45	0.0412	
		16:45	0.042	

Name & Designation

Signature

Date

Field Operator:

1/3/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	1/3/2022	9:30	0.0418	
		14:30	0.0415	
		16:30	0.041	
Pit A	1/3/2022	10:00		
		15:00		
		17:00		
Pit B	1/3/2022	10:15		
		15:15		
		17:15		
Pit D	1/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

1/3/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	2/3/2022	8:30	0.042	
		13:30	0.0417	
		15:30	0.0414	
Area B	2/3/2022	8:45	0.0418	
		13:45	0.0415	
		15:45	0.0419	
137 Pit C	2/3/2022	9:15		
		14:15		
		16:15		
137 Pit B	2/3/2022	9:00		
		14:00		
		16:00		
137 Pit A	2/3/2022	9:20		
		14:20		
		16:20		
WPR WF3	2/3/2022	9:45	0.0416	
		14:45	0.0415	
		16:45	0.041	

Name & Designation

Signature

Date

Field Operator:

2/3/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	2/3/2022	9:30	0.041	
		14:30	0.042	
		16:30	0.0418	
Pit A	2/3/2022	10:00		
		15:00		
		17:00		
Pit B	2/3/2022	10:15		
		15:15		
		17:15		
Pit D	2/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

2/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	3/3/2022	8:30	0.041	
		13:30	0.0413	
		15:30	0.0418	
Area B	3/3/2022	8:45	0.0411	
		13:45	0.0414	
		15:45	0.0416	
137 Pit C	3/3/2022	9:15	0.0414	
		14:15	0.0414	
		16:15	0.0419	
137 Pit B	3/3/2022	9:00	0.0411	
		14:00	0.0412	
		16:00	0.0418	
137 Pit A	3/3/2022	9:20	0.0412	
		14:20	0.0411	
		16:20	0.0419	
WPR WF3	3/3/2022	9:45	0.0418	
		14:45	0.0414	
		16:45	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

3/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	3/3/2022	9:30	0.0417	
		14:30	0.0413	
		16:30	0.0418	
Pit A	3/3/2022	10:00		
		15:00		
		17:00		
Pit B	3/3/2022	10:15		
		15:15		
		17:15		
Pit D	3/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

3/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	4/3/2022	8:30	0.0416	
		13:30	0.0419	
		15:30	0.0417	
Area B	4/3/2022	8:45	0.0411	
		13:45	0.0418	
		15:45	0.0413	
137 Pit C	4/3/2022	9:15	0.0418	
		14:15	0.0413	
		16:15	0.041	
137 Pit B	4/3/2022	9:00	0.0418	
		14:00	0.0412	
		16:00	0.0418	
137 Pit A	4/3/2022	9:20	0.0415	
		14:20	0.0419	
		16:20	0.0418	
WPR WF3	4/3/2022	9:45	0.042	
		14:45	0.0415	
		16:45	0.0417	

Name & Designation

Signature

Date

Field Operator:

4/3/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	4/3/2022	9:30	0.0416	
		14:30	0.0416	
		16:30	0.0418	
Pit A	4/3/2022	10:00		
		15:00		
		17:00		
Pit B	4/3/2022	10:15		
		15:15		
		17:15		
Pit D	4/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

4/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	5/3/2022	8:30	0.0411	
		13:30	0.0419	
		15:30	0.0413	
Area B	5/3/2022	8:45	0.0413	
		13:45	0.042	
		15:45	0.0419	
137 Pit C	5/3/2022	9:15	0.0416	
		14:15	0.0415	
		16:15	0.0412	
137 Pit B	5/3/2022	9:00	0.0413	
		14:00	0.0414	
		16:00	0.0415	
137 Pit A	5/3/2022	9:20	0.0416	
		14:20	0.0419	
		16:20	0.0418	
WPR WF3	5/3/2022	9:45	0.0412	
		14:45	0.0412	
		16:45	0.0418	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

5/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	5/3/2022	9:30	0.041	
		14:30	0.0411	
		16:30	0.041	
Pit A	5/3/2022	10:00		
		15:00		
		17:00		
Pit B	5/3/2022	10:15		
		15:15		
		17:15		
Pit D	5/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

5/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	7/3/2022	8:30	0.0419	
		13:30	0.0417	
		15:30	0.0414	
Area B	7/3/2022	8:45	0.0412	
		13:45	0.0415	
		15:45	0.0415	
137 Pit C	7/3/2022	9:15	0.0419	
		14:15	0.042	
		16:15	0.041	
137 Pit B	7/3/2022	9:00	0.0416	
		14:00	0.0418	
		16:00	0.0414	
137 Pit A	7/3/2022	9:20	0.0415	
		14:20	0.0411	
		16:20	0.0413	
WPR WF3	7/3/2022	9:45	0.041	
		14:45	0.0413	
		16:45	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

7/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	7/3/2022	9:30	0.042	
		14:30	0.0411	
		16:30	0.0416	
Pit A	7/3/2022	10:00		
		15:00		
		17:00		
Pit B	7/3/2022	10:15		
		15:15		
		17:15		
Pit D	7/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

7/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	8/3/2022	8:30	0.0414	
		13:30	0.041	
		15:30	0.0411	
Area B	8/3/2022	8:45	0.0415	
		13:45	0.0417	
		15:45	0.0419	
137 Pit C	8/3/2022	9:15	0.041	
		14:15	0.041	
		16:15	0.0416	
137 Pit B	8/3/2022	9:00	0.0414	
		14:00	0.0413	
		16:00	0.0418	
137 Pit A	8/3/2022	9:20	0.042	
		14:20	0.0416	
		16:20	0.0417	
WPR WF3	8/3/2022	9:45	0.0415	
		14:45	0.0416	
		16:45	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

8/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	8/3/2022	9:30	0.0415	
		14:30	0.0418	
		16:30	0.0414	
Pit A	8/3/2022	10:00		
		15:00		
		17:00		
Pit B	8/3/2022	10:15		
		15:15		
		17:15		
Pit D	8/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

8/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	9/3/2022	8:30	0.041	
		13:30	0.0414	
		15:30	0.0417	
Area B	9/3/2022	8:45	0.0413	
		13:45	0.0415	
		15:45	0.0418	
137 Pit C	9/3/2022	9:15	0.0416	
		14:15	0.0418	
		16:15	0.0411	
137 Pit B	9/3/2022	9:00	0.0419	
		14:00	0.041	
		16:00	0.0411	
137 Pit A	9/3/2022	9:20	0.0419	
		14:20	0.0419	
		16:20	0.0412	
WPR WF3	9/3/2022	9:45	0.041	
		14:45	0.0418	
		16:45	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

9/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	9/3/2022	9:30	0.0414	
		14:30	0.0415	
		16:30	0.0412	
Pit A	9/3/2022	10:00		
		15:00		
		17:00		
Pit B	9/3/2022	10:15		
		15:15		
		17:15		
Pit D	9/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

9/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	10/3/2022	8:30	0.041	
		13:30	0.0415	
		15:30	0.0414	
Area B	10/3/2022	8:45	0.0416	
		13:45	0.0411	
		15:45	0.0419	
137 Pit C	10/3/2022	9:15	0.0417	
		14:15	0.041	
		16:15	0.0416	
137 Pit B	10/3/2022	9:00	0.0411	
		14:00	0.0415	
		16:00	0.0411	
137 Pit A	10/3/2022	9:20	0.041	
		14:20	0.042	
		16:20	0.0415	
WPR WF3	10/3/2022	9:45	0.0413	
		14:45	0.0418	
		16:45	0.041	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

10/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	10/3/2022	9:30	0.0415	
		14:30	0.0411	
		16:30	0.0415	
Pit A	10/3/2022	10:00		
		15:00		
		17:00		
Pit B	10/3/2022	10:15		
		15:15		
		17:15		
Pit D	10/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

10/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	11/3/2022	8:30	0.0413	
		13:30	0.0418	
		15:30	0.042	
Area B	11/3/2022	8:45	0.041	
		13:45	0.0412	
		15:45	0.0414	
137 Pit C	11/3/2022	9:15	0.0417	
		14:15	0.0415	
		16:15	0.0412	
137 Pit B	11/3/2022	9:00	0.0418	
		14:00	0.0419	
		16:00	0.0411	
137 Pit A	11/3/2022	9:20	0.0419	
		14:20	0.042	
		16:20	0.0418	
WPR WF3	11/3/2022	9:45	0.0414	
		14:45	0.0418	
		16:45	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

11/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	11/3/2022	9:30	0.042	
		14:30	0.0412	
		16:30	0.0416	
Pit A	11/3/2022	10:00		
		15:00		
		17:00		
Pit B	11/3/2022	10:15		
		15:15		
		17:15		
Pit D	11/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

11/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	12/3/2022	8:30	0.0418	
		13:30	0.0411	
		15:30	0.0412	
Area B	12/3/2022	8:45	0.0414	
		13:45	0.0418	
		15:45	0.0414	
137 Pit C	12/3/2022	9:15	0.0416	
		14:15	0.0417	
		16:15	0.0413	
137 Pit B	12/3/2022	9:00	0.0412	
		14:00	0.0411	
		16:00	0.0412	
137 Pit A	12/3/2022	9:20	0.0411	
		14:20	0.041	
		16:20	0.0413	
WPR WF3	12/3/2022	9:45	0.041	
		14:45	0.0416	
		16:45	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

12/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	12/3/2022	9:30	0.041	
		14:30	0.0415	
		16:30	0.0417	
Pit A	12/3/2022	10:00		
		15:00		
		17:00		
Pit B	12/3/2022	10:15		
		15:15		
		17:15		
Pit D	12/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

12/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	14/3/2022	8:30	0.0419	
		13:30	0.0418	
		15:30	0.0413	
Area B	14/3/2022	8:45	0.0416	
		13:45	0.0412	
		15:45	0.042	
137 Pit C	14/3/2022	9:15	0.0416	
		14:15	0.0413	
		16:15	0.0413	
137 Pit B	14/3/2022	9:00	0.0412	
		14:00	0.0414	
		16:00	0.0415	
137 Pit A	14/3/2022	9:20	0.0414	
		14:20	0.042	
		16:20	0.0411	
WPR WF3	14/3/2022	9:45	0.0418	
		14:45	0.0419	
		16:45	0.0419	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

14/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

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

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

14/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	15/3/2022	8:30	0.0412	
		13:30	0.0413	
		15:30	0.0419	
Area B	15/3/2022	8:45	0.0417	
		13:45	0.0418	
		15:45	0.0417	
137 Pit C	15/3/2022	9:15	0.042	
		14:15	0.0418	
		16:15	0.0411	
137 Pit B	15/3/2022	9:00	0.0416	
		14:00	0.0411	
		16:00	0.0415	
137 Pit A	15/3/2022	9:20	0.041	
		14:20	0.0415	
		16:20	0.0415	
WPR WF3	15/3/2022	9:45	0.0415	
		14:45	0.0415	
		16:45	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

15/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	15/3/2022	9:30	0.0417	
		14:30	0.041	
		16:30	0.041	
Pit A	15/3/2022	10:00		
		15:00		
		17:00		
Pit B	15/3/2022	10:15		
		15:15		
		17:15		
Pit D	15/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

15/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	16/3/2022	8:30	0.0417	
		13:30	0.0411	
		15:30	0.0416	
Area B	16/3/2022	8:45	0.042	
		13:45	0.0415	
		15:45	0.0413	
137 Pit C	16/3/2022	9:15	0.041	
		14:15	0.0418	
		16:15	0.042	
137 Pit B	16/3/2022	9:00	0.042	
		14:00	0.0414	
		16:00	0.0418	
137 Pit A	16/3/2022	9:20	0.0412	
		14:20	0.042	
		16:20	0.0411	
WPR WF3	16/3/2022	9:45	0.0413	
		14:45	0.0414	
		16:45	0.041	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

16/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	16/3/2022	9:30	0.0415	
		14:30	0.041	
		16:30	0.0417	
Pit A	16/3/2022	10:00		
		15:00		
		17:00		
Pit B	16/3/2022	10:15		
		15:15		
		17:15		
Pit D	16/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

16/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	17/3/2022	8:30	0.0414	
		13:30	0.041	
		15:30	0.0417	
Area B	17/3/2022	8:45	0.0412	
		13:45	0.0411	
		15:45	0.041	
137 Pit C	17/3/2022	9:15	0.042	
		14:15	0.0414	
		16:15	0.0418	
137 Pit B	17/3/2022	9:00	0.042	
		14:00	0.0418	
		16:00	0.041	
137 Pit A	17/3/2022	9:20	0.0414	
		14:20	0.042	
		16:20	0.042	
WPR WF3	17/3/2022	9:45	0.0418	
		14:45	0.0416	
		16:45	0.041	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

17/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	17/3/2022	9:30	0.042	
		14:30	0.0413	
		16:30	0.0417	
Pit A	17/3/2022	10:00		
		15:00		
		17:00		
Pit B	17/3/2022	10:15		
		15:15		
		17:15		
Pit D	17/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

17/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	18/3/2022	8:30	0.0411	
		13:30	0.0419	
		15:30	0.0415	
Area B	18/3/2022	8:45	0.0416	
		13:45	0.0413	
		15:45	0.0415	
137 Pit C	18/3/2022	9:15	0.0412	
		14:15	0.041	
		16:15	0.0412	
137 Pit B	18/3/2022	9:00	0.0419	
		14:00	0.041	
		16:00	0.0414	
137 Pit A	18/3/2022	9:20	0.0419	
		14:20	0.0412	
		16:20	0.0415	
WPR WF3	18/3/2022	9:45	0.0416	
		14:45	0.0417	
		16:45	0.0411	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

18/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	18/3/2022	9:30	0.0416	
		14:30	0.0419	
		16:30	0.0419	
Pit A	18/3/2022	10:00		
		15:00		
		17:00		
Pit B	18/3/2022	10:15		
		15:15		
		17:15		
Pit D	18/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

18/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	19/3/2022	8:30	0.0415	
		13:30	0.0414	
		15:30	0.0412	
Area B	19/3/2022	8:45	0.041	
		13:45	0.0419	
		15:45	0.0415	
137 Pit C	19/3/2022	9:15	0.0415	
		14:15	0.041	
		16:15	0.042	
137 Pit B	19/3/2022	9:00	0.0413	
		14:00	0.042	
		16:00	0.0412	
137 Pit A	19/3/2022	9:20	0.0416	
		14:20	0.0416	
		16:20	0.0416	
WPR WF3	19/3/2022	9:45	0.0411	
		14:45	0.0411	
		16:45	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

19/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	19/3/2022	9:30	0.0411	
		14:30	0.0414	
		16:30	0.0411	
Pit A	19/3/2022	10:00		
		15:00		
		17:00		
Pit B	19/3/2022	10:15		
		15:15		
		17:15		
Pit D	19/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

19/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	21/3/2022	8:30	0.0414	
		13:30	0.0417	
		15:30	0.0418	
Area B	21/3/2022	8:45	0.0414	
		13:45	0.041	
		15:45	0.0412	
137 Pit C	21/3/2022	9:15	0.0419	
		14:15	0.0414	
		16:15	0.0414	
137 Pit B	21/3/2022	9:00	0.0419	
		14:00	0.042	
		16:00	0.0417	
137 Pit A	21/3/2022	9:20	0.0414	
		14:20	0.0411	
		16:20	0.0416	
WPR WF3	21/3/2022	9:45	0.0416	
		14:45	0.0419	
		16:45	0.0411	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

21/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	21/3/2022	9:30	0.0414	
		14:30	0.042	
		16:30	0.0417	
Pit A	21/3/2022	10:00		
		15:00		
		17:00		
Pit B	21/3/2022	10:15		
		15:15		
		17:15		
Pit D	21/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

21/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	22/3/2022	8:30	0.0419	
		13:30	0.0411	
		15:30	0.0414	
Area B	22/3/2022	8:45	0.0419	
		13:45	0.041	
		15:45	0.0412	
137 Pit C	22/3/2022	9:15	0.042	
		14:15	0.0415	
		16:15	0.0417	
137 Pit B	22/3/2022	9:00	0.0412	
		14:00	0.0417	
		16:00	0.0414	
137 Pit A	22/3/2022	9:20	0.0412	
		14:20	0.0414	
		16:20	0.0417	
WPR WF3	22/3/2022	9:45	0.0415	
		14:45	0.0417	
		16:45	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

22/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	22/3/2022	9:30	0.0418	
		14:30	0.0417	
		16:30	0.0417	
Pit A	22/3/2022	10:00		
		15:00		
		17:00		
Pit B	22/3/2022	10:15		
		15:15		
		17:15		
Pit D	22/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

22/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	23/3/2022	8:30	0.0414	
		13:30	0.0418	
		15:30	0.0411	
Area B	23/3/2022	8:45	0.0412	
		13:45	0.0411	
		15:45	0.0412	
137 Pit C	23/3/2022	9:15	0.0414	
		14:15	0.0413	
		16:15	0.0414	
137 Pit B	23/3/2022	9:00	0.042	
		14:00	0.0412	
		16:00	0.0413	
137 Pit A	23/3/2022	9:20	0.0418	
		14:20	0.0415	
		16:20	0.0417	
WPR WF3	23/3/2022	9:45	0.0413	
		14:45	0.0416	
		16:45	0.0413	

Name & Designation

Signature

Date

Field Operator:

23/3/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	23/3/2022	9:30	0.0419	
		14:30	0.0413	
		16:30	0.0413	
Pit A	23/3/2022	10:00		
		15:00		
		17:00		
Pit B	23/3/2022	10:15		
		15:15		
		17:15		
Pit D	23/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

23/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	24/3/2022	8:30	0.042	
		13:30	0.0415	
		15:30	0.0415	
Area B	24/3/2022	8:45	0.0412	
		13:45	0.0419	
		15:45	0.0414	
137 Pit C	24/3/2022	9:15	0.0417	
		14:15	0.0417	
		16:15	0.042	
137 Pit B	24/3/2022	9:00	0.0411	
		14:00	0.0412	
		16:00	0.0414	
137 Pit A	24/3/2022	9:20	0.0411	
		14:20	0.0416	
		16:20	0.0417	
WPR WF3	24/3/2022	9:45	0.0415	
		14:45	0.0418	
		16:45	0.0415	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

24/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	24/3/2022	9:30	0.0413	
		14:30	0.0419	
		16:30	0.0413	
Pit A	24/3/2022	10:00		
		15:00		
		17:00		
Pit B	24/3/2022	10:15		
		15:15		
		17:15		
Pit D	24/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

24/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	25/3/2022	8:30	0.0417	
		13:30	0.042	
		15:30	0.0411	
Area B	25/3/2022	8:45	0.042	
		13:45	0.0417	
		15:45	0.0411	
137 Pit C	25/3/2022	9:15	0.0417	
		14:15	0.0418	
		16:15	0.0414	
137 Pit B	25/3/2022	9:00	0.0419	
		14:00	0.0418	
		16:00	0.0417	
137 Pit A	25/3/2022	9:20	0.0411	
		14:20	0.0419	
		16:20	0.0414	
WPR WF3	25/3/2022	9:45	0.0419	
		14:45	0.0416	
		16:45	0.0413	

Name & Designation

Signature

Date

Field Operator:

25/3/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	25/3/2022	9:30	0.0414	
		14:30	0.0419	
		16:30	0.0416	
Pit A	25/3/2022	10:00		
		15:00		
		17:00		
Pit B	25/3/2022	10:15		
		15:15		
		17:15		
Pit D	25/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

25/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	26/3/2022	8:30	0.0413	
		13:30	0.041	
		15:30	0.042	
Area B	26/3/2022	8:45	0.0417	
		13:45	0.042	
		15:45	0.0416	
137 Pit C	26/3/2022	9:15	0.0417	
		14:15	0.0414	
		16:15	0.0411	
137 Pit B	26/3/2022	9:00	0.0416	
		14:00	0.0415	
		16:00	0.0411	
137 Pit A	26/3/2022	9:20	0.0415	
		14:20	0.0415	
		16:20	0.0413	
WPR WF3	26/3/2022	9:45	0.0413	
		14:45	0.042	
		16:45	0.041	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

26/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	26/3/2022	9:30	0.0416	
		14:30	0.0416	
		16:30	0.041	
Pit A	26/3/2022	10:00		
		15:00		
		17:00		
Pit B	26/3/2022	10:15		
		15:15		
		17:15		
Pit D	26/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

26/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	28/3/2022	8:30	0.0411	
		13:30	0.042	
		15:30	0.041	
Area B	28/3/2022	8:45	0.0414	
		13:45	0.0412	
		15:45	0.042	
137 Pit C	28/3/2022	9:15	0.0417	
		14:15	0.0413	
		16:15	0.0411	
137 Pit B	28/3/2022	9:00	0.0414	
		14:00	0.0416	
		16:00	0.0418	
137 Pit A	28/3/2022	9:20	0.0416	
		14:20	0.0413	
		16:20	0.0412	
WPR WF3	28/3/2022	9:45	0.0413	
		14:45	0.0419	
		16:45	0.0412	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

28/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	28/3/2022	9:30	0.0417	
		14:30	0.041	
		16:30	0.041	
Pit A	28/3/2022	10:00		
		15:00		
		17:00		
Pit B	28/3/2022	10:15		
		15:15		
		17:15		
Pit D	28/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

28/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	29/3/2022	8:30	0.0418	
		13:30	0.0414	
		15:30	0.0419	
Area B	29/3/2022	8:45	0.0414	
		13:45	0.0416	
		15:45	0.0412	
137 Pit C	29/3/2022	9:15	0.0419	
		14:15	0.0417	
		16:15	0.0412	
137 Pit B	29/3/2022	9:00	0.0412	
		14:00	0.0417	
		16:00	0.0417	
137 Pit A	29/3/2022	9:20	0.0417	
		14:20	0.0418	
		16:20	0.041	
WPR WF3	29/3/2022	9:45	0.0412	
		14:45	0.0414	
		16:45	0.0411	

Name & Designation

Signature

Date

Field Operator:

29/3/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	29/3/2022	9:30	0.0417	
		14:30	0.042	
		16:30	0.0413	
Pit A	29/3/2022	10:00		
		15:00		
		17:00		
Pit B	29/3/2022	10:15		
		15:15		
		17:15		
Pit D	29/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

29/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	30/3/2022	8:30	0.041	
		13:30	0.0413	
		15:30	0.041	
Area B	30/3/2022	8:45	0.0415	
		13:45	0.042	
		15:45	0.042	
137 Pit C	30/3/2022	9:15	0.0419	
		14:15	0.0414	
		16:15	0.0413	
137 Pit B	30/3/2022	9:00	0.0413	
		14:00	0.041	
		16:00	0.041	
137 Pit A	30/3/2022	9:20	0.0416	
		14:20	0.0419	
		16:20	0.0411	
WPR WF3	30/3/2022	9:45	0.0416	
		14:45	0.0412	
		16:45	0.042	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

30/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	30/3/2022	9:30	0.042	
		14:30	0.0416	
		16:30	0.0411	
Pit A	30/3/2022	10:00		
		15:00		
		17:00		
Pit B	30/3/2022	10:15		
		15:15		
		17:15		
Pit D	30/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

30/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
Area A	31/3/2022	8:30	0.0419	
		13:30	0.0416	
		15:30	0.0418	
Area B	31/3/2022	8:45	0.0419	
		13:45	0.0415	
		15:45	0.0417	
137 Pit C	31/3/2022	9:15	0.0414	
		14:15	0.0411	
		16:15	0.0418	
137 Pit B	31/3/2022	9:00	0.0416	
		14:00	0.0413	
		16:00	0.0418	
137 Pit A	31/3/2022	9:20	0.0415	
		14:20	0.0419	
		16:20	0.0415	
WPR WF3	31/3/2022	9:45	0.041	
		14:45	0.042	
		16:45	0.0414	

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

31/3/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

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

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
			Carbon Dioxide (%)	
WRP WF4	31/3/2022	9:30	0.041	
		14:30	0.0412	
		16:30	0.042	
Pit A	31/3/2022	10:00		
		15:00		
		17:00		
Pit B	31/3/2022	10:15		
		15:15		
		17:15		
Pit D	31/3/2022	10:15		
		15:15		
		17:15		

Name & Designation

Signature

Date

Field Operator:

Laboratory Staff:

Checked by:

31/3/2022