



Appendix J

Landfill Gas Monitoring Data

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit A	3/1/23	8:20	sunny	0	0	0	20.9	11/999	9
		11:25		0	0	0	20.9	15/999	9
		3: 13		0	0	0	20.9	13/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



3/1/23

Laboratory Staff:


Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit A	4/1/23	8:20	sunny	0	0	0	20.9	11/999	9
		11:25		0	0	0	20.9	15/999	9
		3: 13		0	0	0	20.9	13/999	9

Field Operator: Cheung Hoi Kit  4/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

7/20

5/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

7

6/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

7/20

7/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit A	9/1/23	8:20	sunny	0	0	0	20.9	10/999	9
		11:25		0	0	0	20.9	13/999	9
		3:13		0	0	0	20.9	12/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



9/1/23


Laboratory Staff:

Checked by:

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

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

[illegible]

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	Cheung Hoi Kit		10/1/23
Laboratory Staff:			
Checked by:			

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

[illegible]Name & Designation

Signature

Date _____

Field Operator:

Cheung Hoi Kit

70

11/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit A	12/1/23	8:20	sunny	0	0	0	20.9	10/999	9
		11:25		0	0	0	20.9	13/999	9
		3:13		0	0	0	20.9	12/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



12/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit A	13/1/23	8:20	sunny	0	0	0	20.9	10/999	9
		11:25		0	0	0	20.9	13/999	9
		3:13		0	0	0	20.9	12/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



13/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

[illegible]Name & Designation

Signature

Date _____

Field Operator:

Cheung Hoi Kit

7

14/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

7/8

16/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit A	17/1/23	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3:13		0	0	0	20.9	14/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



17/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit A	18/1/23	8:20	sunny	0	0	0	20.9	10/999	9
		11:25		0	0	0	20.9	13/999	9
		3:13		0	0	0	20.9	12/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



18/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

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19/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit A	30/1/23	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3:13		0	0	0	20.9	14/999	9


Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



30/1/23

Laboratory Staff:

Checked by:

Landfill Gas Monitoring –Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE III)	28/7/2022
1307H	17/11/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C)	Remark
Pit A	31/1/23	8:20	sunny	0	0	0	20.9	13/999	9
		11:25		0	0	0	20.9	15/999	9
		3:13		0	0	0	20.9	14/999	9


Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



31/1/23

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	3/1/2023	0830	Rain/ Fine	0	0	0	20.9	19/1009	3.7
	✓	1330	Rain/ Fine	0	0	0	20.9	18/1010	3.7
	✓	1700	Rain/ Fine	0	0	0	20.9	20/1010	3.7
WPRTTA 5	✓	0830	Rain/ Fine	0	0	0	20.9	18/1011	3.6
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1010	3.6
	✓	1700	Rain/ Fine	0	0	0	20.9	21/1010	3.6

Name & Designation

Signature

Date

3/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	4/1/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18/1011	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	17/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	3.6

Name & Designation

Signature

8

Date

4/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	5/1/2023	0830	Rain/Fine	0	0	0	20.9	17/1010	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	20/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/1010	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	3.6

Name & Designation

Signature

Date 5/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	6/1/2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20/1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	18/10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/1	3.6

Name & Designation

Signature

Date

6/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	9/1/2023	0830	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
	9/1/2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1000	3.7
	9/1/2023	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	3.7
WPRTTA 5	9/1/2023	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.6
	9/1/2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	3.6
	9/1/2023	1700	Rain/ Fine	0	0	0	20.9	21 / 1010	3.6

Name & Designation

Signature

Date 9/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	10/1/2023	0830	Rain/ Fine	0	0	0	20.9	19 / 10/c	3.7
	10/1/2023	1330	Rain/ Fine	0	0	0	20.9	20 / 10/c	3.7
	10/1/2023	1700	Rain/ Fine	0	0	0	20.9	18 / 1000	3.7
WPRTTA 5	10/1/2023	0830	Rain/ Fine	0	0	0	20.9	17 / 1000	3.6
	10/1/2023	1330	Rain/ Fine	0	0	0	20.9	19 / 1c/c	3.6
	10/1/2023	1700	Rain/ Fine	0	0	0	20.9	20 / 1c/c	3.6

Name & Designation

Signature

Date

10/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	11/11/2023	0830	Rain/ Fine	0	0	0	20.9	17/10/0	3.7
	11/11/2023	1330	Rain/ Fine	0	0	0	20.9	19/10/0	3.7
	11/11/2023	1700	Rain/ Fine	0	0	0	20.9	20/10/0	3.7
WPRTTA 5	11/11/2023	0830	Rain/ Fine	0	0	0	20.9	18/10/0	3.6
	11/11/2023	1330	Rain/ Fine	0	0	0	20.9	20/10/0	3.6
	11/11/2023	1700	Rain/ Fine	0	0	0	20.9	19/10/0	3.6

Name & Designation

Signature

Date

11/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	12 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	16 / 1009	3.7
	12 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.7
	12 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	3.7
WPRTTA 5	12 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	19 / 1009	3.6
	12 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	18 / 1009	3.6
	12 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6

Name & Designation

Signature

8

Date

12/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	13/1/2023	0830	Rain/ Fine	0	0	0	20.9	18 / 1009	3.7
	13/1/2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	3.7
	13/1/2023	1700	Rain/ Fine	0	0	0	20.9	19 / 1010	3.7
WPRTTA 5	13/1/2023	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	3.6
	13/1/2023	1330	Rain/ Fine	0	0	0	20.9	18 / 1010	3.6
	13/1/2023	1700	Rain/ Fine	0	0	0	20.9	20 / 1010	3.6

Name & Designation

Signature

Date

13/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	16/1/2023	0830	Rain /Fine	0	0	0	20.9	19/10/0	3.7
	✓	1330	Rain /Fine	0	0	0	20.9	18/1009	3.7
	✓	1700	Rain /Fine	0	0	0	20.9	20/1009	3.7
WPRTTA 5	✓	0830	Rain /Fine	0	0	0	20.9	18/10/0	3.6
	✓	1330	Rain /Fine	0	0	0	20.9	17/1009	3.6
	✓	1700	Rain /Fine	0	0	0	20.9	19/10/0	3.6

Name & Designation

Signature

✓

Date

16/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	17/1/2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	3.6

Name & Designation

Signature

Date 17/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	18/01/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20/1009	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18/10/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	17/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	3.6

Name & Designation

Signature

8

Date

18/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	19/1/2023	0830	Rain/Fine	0	0	0	20.9	18/1/0/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	17/1/0/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	19/1/0/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	20/1/0/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/1/0/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/1/0/0	3.6

Name & Designation

Signature

Date 19/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	20/1/2023	0830	Rain/Fine	0	0	0	20.9	18/10/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	19/1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/1009	3.6

Name & Designation

Signature

Date

20/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	26/1/2023	0830	Rain/Fine	0	0	0	20.9	18 / 10/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	17 / 10/0	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 10/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 10/0	3.6

Name & Designation

Signature

✓

Date

26/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	27/1/2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	19/1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	18/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	17/10/0	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	3.6

Name & Designation

Signature

8

Date

27/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	30/1/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	17/1010	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	19/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	17/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	18/1010	3.6

Name & Designation

Signature

8

Date 30/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Wan Po Road Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	31/1/2023	0830	Rain/Fine	0	0	0	20.9	19 / 1010	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	3.6

Name & Designation

Signature

Y

Date 31/1/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	3/1/2023	0830	Rain/ Fine	0	0	0	20.9	17/1009	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	20/1010	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	18/1009	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	18/1010	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1010	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	20/1009	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	21/1010	10
		1330	Rain/ Fine	0	0	0	20.9	18/1009	10
		1700	Rain/ Fine	0	0	0	20.9	19/1010	10

Name & Designation

Signature

Date

3/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	4/1/2023	0830	Rain/ Fine	0	0	0	20.9	18/10/0	8.4
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1009	8.4
	✓	1700	Rain/ Fine	0	0	0	20.9	20/10/0	8.4
Area 137 Pit B	✓	0830	Rain/ Fine	0	0	0	20.9	20/1009	8.6
	✓	1330	Rain/ Fine	0	0	0	20.9	18/1009	8.6
	✓	1700	Rain/ Fine	0	0	0	20.9	19/10/0	8.6
Area 137 Pit C	✓	0830	Rain/ Fine	0	0	0	20.9	20/1009	10
	✓	1330	Rain/ Fine	0	0	0	20.9	20/1009	10
	✓	1700	Rain/ Fine	0	0	0	20.9	18/10/0	10

Name & Designation

Signature

Date

4/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	5/1/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	21/10/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/1009	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	20/10/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	21/10/1	10
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	10

Name & Designation

Signature

8

Date

5/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	6/1/2023	0830	Rain /Fine	0	0	0	20.9	18/1009	8.4
	✓	1330	Rain /Fine	0	0	0	20.9	17/1009	8.4
	✓	1700	Rain /Fine	0	0	0	20.9	20/1010	8.4
Area 137 Pit B	✓	0830	Rain /Fine	0	0	0	20.9	20/1011	8.6
	✓	1330	Rain /Fine	0	0	0	20.9	18/1009	8.6
	✓	1700	Rain /Fine	0	0	0	20.9	17/1009	8.6
Area 137 Pit C	✓	0830	Rain /Fine	0	0	0	20.9	20/1010	10
	✓	1330	Rain /Fine	0	0	0	20.9	20/1009	10
	✓	1700	Rain /Fine	0	0	0	20.9	19/1010	10

Name & Designation

Signature

Date

6/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	9 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	17 / 10/0	8.4
	9 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	19 / 10/0	8.4
	9 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	20 / 1009	8.4
Area 137 Pit B	9 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	18 / 10/0	8.6
	9 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	19 / 1009	8.6
	9 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	20 / 10/0	8.6
Area 137 Pit C	9 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	21 / 10/0	10
	9 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	18 / 1009	10
	9 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	17 / 10/0	10

Name & Designation

Signature

Date 9/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	10/1/2023	0830	Rain/Fine	0	0	0	20.9	18.1/1009	8.4
	10/1/2023	1330	Rain/Fine	0	0	0	20.9	19.1/1010	8.4
	10/1/2023	1700	Rain/Fine	0	0	0	20.9	19.1/1009	8.4
Area 137 Pit B	10/1/2023	0830	Rain/Fine	0	0	0	20.9	20.1/1010	8.6
	10/1/2023	1330	Rain/Fine	0	0	0	20.9	20.1/1009	8.6
	10/1/2023	1700	Rain/Fine	0	0	0	20.9	18.1/1009	8.6
Area 137 Pit C	10/1/2023	0830	Rain/Fine	0	0	0	20.9	17.1/1010	10
	10/1/2023	1330	Rain/Fine	0	0	0	20.9	19.1/1010	10
	10/1/2023	1700	Rain/Fine	0	0	0	20.9	21.1/1010	10

Name & Designation

Signature

Date

10/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	11 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	19 / 1010	8.4
	11 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	8.4
	11 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
Area 137 Pit B	11 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	18 / 1010	8.6
	11 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	8.6
	11 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	19 / 1009	8.6
Area 137 Pit C	11 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	17 / 1010	10
	11 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	10
	11 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	20 / 1009	10

Name & Designation

Signature

Date

11/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	12/1/2023	0830	Rain/ Fine	0	0	0	20.9	19 / 1009	8.4
	12/1/2023	1330	Rain/ Fine	0	0	0	20.9	17 / 1009	8.4
	12/1/2023	1700	Rain/ Fine	0	0	0	20.9	20 / 1010	8.4
Area 137 Pit B	12/1/2023	0830	Rain/ Fine	0	0	0	20.9	18 / 1010	8.6
	12/1/2023	1330	Rain/ Fine	0	0	0	20.9	19 / 1009	8.6
	12/1/2023	1700	Rain/ Fine	0	0	0	20.9	17 / 1010	8.6
Area 137 Pit C	12/1/2023	0830	Rain/ Fine	0	0	0	20.9	18 / 1010	10
	12/1/2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	10
	12/1/2023	1700	Rain/ Fine	0	0	0	20.9	19 / 1010	10

Name & Designation

Signature

Date

12/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	13/1/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4
	13/1/2023	1330	Rain/Fine	0	0	0	20.9	19/1010	8.4
	13/1/2023	1700	Rain/Fine	0	0	0	20.9	20/1010	8.4
Area 137 Pit B	13/1/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	8.6
	13/1/2023	1330	Rain/Fine	0	0	0	20.9	19/1010	8.6
	13/1/2023	1700	Rain/Fine	0	0	0	20.9	17/1009	8.6
Area 137 Pit C	13/1/2023	0830	Rain/Fine	0	0	0	20.9	20/1010	10
	13/1/2023	1330	Rain/Fine	0	0	0	20.9	21/1011	10
	13/1/2023	1700	Rain/Fine	0	0	0	20.9	20/1009	10

Name & Designation

Signature

Date

13/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	16 / 1 / 2023	0830	Rain/Fine	0	0	0	20.9	18 / 10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 10/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	19 / 10/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 10/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	17 / 10/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 10/0	10

Name & Designation

Signature

Date

16/01/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	17/1/2023	0830	Rain/Fine	0	0	0	20.9	19/1/0/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	18/1/0/0	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20/1/0/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	17/1/0/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19/1/0/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	20/1/0/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	18/1/0/0	10
	✓	1330	Rain/Fine	0	0	0	20.9	17/1/0/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	20/1/0/0	10

Name & Designation

Signature

Date

17/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	18/1/2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	19/1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	18/1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	17/10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	18/1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	20/10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	19/10/0	10

Name & Designation

Signature

✓

Date

18/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	19/1/2023	0830	Rain/Fine	0	0	0	20.9	19/1/0/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	17/1/009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20/1/0/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	18/1/0/0	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	17/1/0/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	19/1/009	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	20/1/009	10
	✓	1330	Rain/Fine	0	0	0	20.9	21/1/0/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	18/1/009	10

Name & Designation

Signature

J

Date

19/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	20/1/2023	0830	Rain/Fine	0	0	0	20.9	19 / 1010	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1209	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	20 / 1010	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	20 / 1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	10
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1010	10

Name & Designation

Signature

Date

20/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	26 / 1 / 2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1010	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	21 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	19 / 1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1010	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1009	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	19 / 1010	10
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1009	10

Name & Designation

Signature

8

Date

26/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	27 / 1 / 2023	0830	Rain/Fine	0	0	0	20.9	19 / 1000	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1000	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	20 / 1000	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1009	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1000	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	18 / 1009	10
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1000	10
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1009	10

Name & Designation

Signature

✓

Date 27/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	30/1/2023	0830	Rain/Fine	0	0	0	20.9	19 / 10/0	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 100/9	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 10/0	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	18 / 100/9	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 10/0	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 10/0	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	17 / 100/9	10
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 10/0	10
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 10/0	10

Name & Designation

Signature

8

Date 30/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Area 137 Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	31/1/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	20 / 1010	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1009	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1010	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1009	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	19 / 1010	10
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1009	10
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1010	10

Name & Designation

Signature

Date

31/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	4/1/2022	0830	Rain/ Fine	0	0	0	20.9	18/1009	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	20/1009	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	18/1010	5.5
Area B	✓	0830	Rain/ Fine	0	0	0	20.9	17/1010	5.5
	✓	1330	Rain/ Fine	0	0	0	20.9	19/1010	5.5
	✓	1700	Rain/ Fine	0	0	0	20.9	18/1011	5.5

Name & Designation

Signature

Y

Date

3/12/2023

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	3/1/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	21/1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/1010	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	21/1010	5.5

Name & Designation

Signature

Date

3/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	5/1/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/1010	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17/1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	20/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	5.5

Name & Designation

Signature



Date

5/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	6/1/2023	0830	Rain/Fine	0	0	0	20.9	18/100	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	20/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	21/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/1	5.5

Name & Designation

Signature

Date

6/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	9/1/2023	0830	Rain/ Fine	0	0	0	20.9	19/10/0	5.5
	9/1/2023	1330	Rain/ Fine	0	0	0	20.9	20/1009	5.5
	9/1/2023	1700	Rain/ Fine	0	0	0	20.9	18/1009	5.5
Area B	9/1/2023	0830	Rain/ Fine	0	0	0	20.9	20/10/0	5.5
	9/1/2023	1330	Rain/ Fine	0	0	0	20.9	19/10/0	5.5
	9/1/2023	1700	Rain/ Fine	0	0	0	20.9	20/1009	5.5

Name & Designation

Signature

8,

Date

9/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	10 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5
	10 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	5.5
	10 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
Area B	10 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	19 / 1009	5.5
	10 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1010	5.5
	10 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	18 / 1009	5.5

Name & Designation

Signature

Date

10/1/23

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	11 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	17 / 1009	5.5
	11 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1000	5.5
	11 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5
Area B	11 / 1 / 2023	0830	Rain/ Fine	0	0	0	20.9	19 / 1009	5.5
	11 / 1 / 2023	1330	Rain/ Fine	0	0	0	20.9	20 / 1009	5.5
	11 / 1 / 2023	1700	Rain/ Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

8

Date

11/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	12/1/2023	0830	Rain/Fine	0	0	0	20.9	18.1/1009	5.5
	12/1/2023	1330	Rain/Fine	0	0	0	20.9	19.1/1010	5.5
	12/1/2023	1700	Rain/Fine	0	0	0	20.9	20.1/1010	5.5
Area B	12/1/2023	0830	Rain/Fine	0	0	0	20.9	17.1/1009	5.5
	12/1/2023	1330	Rain/Fine	0	0	0	20.9	18.1/1009	5.5
	12/1/2023	1700	Rain/Fine	0	0	0	20.9	20.1/1010	5.5

Name & Designation

Signature

Date

12/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	16/1/2023	0830	Rain/Fine	0	0	0	20.9	19 / 1009	5.5
	16/1/2023	1330	Rain/Fine	0	0	0	20.9	20 / 1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19 / 1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	21 / 1010	5.5

Name & Designation

Signature

8

Date

16/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	13/1/2023	0830	Rain/ Fine	0	0	0	20.9	17/10/c	5.5
	13/1/2023	1330	Rain/ Fine	0	0	0	20.9	19/10/0	5.5
	13/1/2023	1700	Rain/ Fine	0	0	0	20.9	20/1009	5.5
Area B	13/1/2023	0830	Rain/ Fine	0	0	0	20.9	18/1009	5.5
	13/1/2023	1330	Rain/ Fine	0	0	0	20.9	20/1009	5.5
	13/1/2023	1700	Rain/ Fine	0	0	0	20.9	19/10/0	5.5

Name & Designation

Signature

8

Date

13/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	17/1/2023	0830	Rain/Fine	0	0	0	20.9	17/1/0/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/1/009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/1/0/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	18/1/0/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17/1/009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19/1/0/0	5.5

Name & Designation

Signature

Date

17/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	18/1/2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	17/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/10/0	5.5
	x	1700	Rain/Fine	0	0	0	20.9	19/1009	5.5

Name & Designation

Signature

Y

Date

18/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	20 / 1 / 2023	0830	Rain/Fine	0	0	0	20.9	19 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	19 / 1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	20 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

8

Date 20/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	19/1/2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/10/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	20/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17/10/0	5.5

Name & Designation

Signature

8

Date

19/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	26/1/2023	0830	Rain/Fine	0	0	0	20.9	19 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	20 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	18 / 1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17 / 1009	5.5

Name & Designation

Signature

✓

Date

26/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	27/1/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/10/0	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	20/1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20/10/0	5.5

Name & Designation

Signature

8

Date

27/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	30/1/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	20 / 1010	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	19 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	17 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18 / 1010	5.5

Name & Designation

Signature

8

Date

30/1/2023

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

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Sampling equipment used:	Dates calibrated
XT-XWHM-Y-OR	2/9/2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon monoxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	31/1/2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/10/0	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	18/1009	5.5
Area B	✓	0830	Rain/Fine	0	0	0	20.9	20/10/0	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	19/1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	17/1009	5.5

Name & Designation

Signature

Y

Date

31/1/2023

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

Laboratory Staff:

Checked by: