

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan 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-2500 (QRAE111)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	3/10/2023	08:30	Fine / Rainy	0	0	0	20.9	27.7 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	31.4 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	29.3 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	27.7 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	31.4 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	29.3 / 999	5.5
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Field Operator: Wang Wai Sing Signature: Peter Date: 3/10/2023

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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	4/10/2023	08:30	Fine / Rainy	0	0	0	20.9	28.3 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	34.6 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	30.8 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	28.3 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	34.6 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	30.8 / 999	5.5
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Name & Designation Signature Date
Field Operator: Wang Wai Sing Peter 4 / 10 / 2023
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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	5/10/2023	08:30	Fine / Rainy	0	0	0	20.9	28.5 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	34.1 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	30.5 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	28.5 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	34.1 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	30.5 / 999	5.5
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Name & Designation Signature Date
 Field Operator: Wong Wai Sing Peter 5/10/2023
 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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	6/10/2023	08:30	Fine / Rainy	0	0	0	20.9	26.7 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	32.2 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	28.3 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	26.7 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	32.2 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	28.3 / 999	5.5
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Name & Designation Signature Date
Field Operator: Wong Wai Sing Peter 6 / 10 / 2023
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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	7/10/2023	08:30	Fine / Rainy	0	0	0	20.9	23.5 / 999	5.5
	✓	13:30	Fine / Rainy	0	0	0	20.9	27.2 / 999	5.5
	✓	16:30	Fine / Rainy	0	0	0	20.9	25.1 / 999	5.5
Area B	✓	08:30	Fine / Rainy	0	0	0	20.9	23.5 / 999	5.5
	✓	13:30	Fine / Rainy	0	0	0	20.9	27.2 / 999	5.5
	✓	16:30	Fine / Rainy	0	0	0	20.9	25.1 / 999	5.5
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 7 / 10 / 2023

Laboratory Staff:

Checked by:

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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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	10/10/2023	08:30	Fine / Rainy	0	0	0	20.9	23.8 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	26.9 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	23.8 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	26.9 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	5.5
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Name & Designation Signature Date
Field Operator: Wong Wai Sing Peter 10/10/2023
Laboratory Staff:
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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-2500 (QRAE111)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	11/10/2023	08:30	Fine / Rainy	0	0	0	20.9	23.7 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	24.2 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	25.6 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	23.7 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	24.2 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	25.6 / 999	5.5
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Name & Designation Signature Date
Field Operator: Wong Wai Sing Peter 11 / 10 / 2023
Laboratory Staff:
Checked by:

Contract no. 13/WSD/16
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 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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	12/10/2023	08:30	Fine / Rainy	0	0	0	20.9	23.5 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	25.7 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	23.5 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	25.7 / 999	5.5
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Name & Designation Signature Date
 Field Operator: Wong Wai Sing Peter 12 / 10 / 2023
 Laboratory Staff:
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Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAE111)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	13/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.8 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	30.2 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	26.6 / 999	5.5
Area B	-	08:30	Fine / Rainy	0	0	0	20.9	24.8 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	30.2 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	26.6 / 999	5.5
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Field Operator: Wong Wai Sing Peter 13/10/2023
Laboratory Staff:
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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-2500 (GRAEHL)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	14/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.7 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	30 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	26.6 / 999	5.5
Area B	-	08:30	Fine / Rainy	0	0	0	20.9	24.7 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	30 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	26.6 / 999	5.5
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 14 / 10 / 2023

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-2500 (QRAE11)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	15/10/2023	08:30	Fine / Rainy	0	0	0	20.9	25.1 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	29.9 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	26.9 / 999	5.5
Area B	-	08:30	Fine / Rainy	0	0	0	20.9	25.1 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	29.9 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	26.9 / 999	5.5
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Name & Designation Signature Date
Field Operator: Wong Wai Sing Peter 15 / 10 / 2023
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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	16/10/2023	08:30	Fine / Rainy	0	0	0	20.9	25.4 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	28.9 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	26.5 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	25.4 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	28.9 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	26.5 / 999	5.5
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 16/10/2023

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-2500 (QRAE111)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	17/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.5 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	28.2 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	5.5
Area B	-	08:30	Fine / Rainy	0	0	0	20.9	24.5 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	28.2 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	5.5
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Name & Designation Signature Date
 Field Operator: Wong Wai Sing Peter 17 / 10 / 2023
 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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	18/10/2023	08:30	Fine / Rainy	0	0	0	20.9	23.4 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	25.4 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	24.6 / 999	5.5
Area B	-	08:30	Fine / Rainy	0	0	0	20.9	23.4 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	25.4 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	24.6 / 999	5.5
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 18/10/2023

Laboratory Staff:

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PGM-2500 (QRAE111)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	19/10/2023	08:30	Fine / Rainy	0	0	0	20.9	246 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	26 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	253 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	246 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	26 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	253 / 999	5.5
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Name & Designation Signature Date
Field Operator: Wong Wai Sing Peter 19 / 10 / 2023
Laboratory Staff:
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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-2500 (GRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	20/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.6 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	27.6 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	25.9 / 999	5.5
Area B	-	08:30	Fine / Rainy	0	0	0	20.9	24.6 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	27.6 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	25.9 / 999	5.5
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 20 / 10 / 2023

Laboratory Staff:

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Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	21/10/2023	08:30	Fine / Rainy	0	0	0	20.9	22 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	25.4 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	23.3 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	22 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	25.4 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	23.3 / 999	5.5
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 21 / 10 / 2023

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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	25/10/2023	08:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	5.5
	✓	13:30	Fine / Rainy	0	0	0	20.9	24.7 / 999	5.5
	✓	16:30	Fine / Rainy	0	0	0	20.9	26.6 / 999	5.5
Area B	✓	08:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	5.5
	✓	13:30	Fine / Rainy	0	0	0	20.9	24.7 / 999	5.5
	✓	16:30	Fine / Rainy	0	0	0	20.9	26.6 / 999	5.5
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 25/10/2023

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-2500 (QRAE111)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	26/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.9 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	26.2 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	24.9 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	26.2 / 999	5.5
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Name & Designation Signature Date
 Field Operator: Wong Wai Sing Peter 26 / 10 / 2023
 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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	28/10/2023	08:30	Fine / Rainy	0	0	0	20.9	242 / 999	5.5
	✓	13:30	Fine / Rainy	0	0	0	20.9	27.7 / 999	5.5
	✓	16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	5.5
Area B	✓	08:30	Fine / Rainy	0	0	0	20.9	242 / 999	5.5
	✓	13:30	Fine / Rainy	0	0	0	20.9	27.7 / 999	5.5
	✓	16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	5.5
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Name & Designation

Signature

Date

Field Operator:

Wong Wai Sing

Peter

28 / 10 / 2023

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-2500 (QRAE111)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	29/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.1 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	27.1 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	5.5
Area B	-	08:30	Fine / Rainy	0	0	0	20.9	24.1 / 999	5.5
	-	13:30	Fine / Rainy	0	0	0	20.9	27.1 / 999	5.5
	-	16:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	5.5
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Field Operator: Name & Designation Signature Date
Wong Wai Sing Peter 29/10/2023

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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	30/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.6 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	24.3 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	26.1 / 999	5.5
Area B	"	08:30	Fine / Rainy	0	0	0	20.9	24.6 / 999	5.5
	"	13:30	Fine / Rainy	0	0	0	20.9	24.3 / 999	5.5
	"	16:30	Fine / Rainy	0	0	0	20.9	26.1 / 999	5.5
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Name & Designation Signature Date
Field Operator: Wong Wai Sing Peter 30/10/2023
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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Area A	31/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.1 / 999	5.5
	✓	13:30	Fine / Rainy	0	0	0	20.9	28.6 / 999	5.5
	✓	16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	5.5
Area B	✓	08:30	Fine / Rainy	0	0	0	20.9	24.1 / 999	5.5
	✓	13:30	Fine / Rainy	0	0	0	20.9	28.6 / 999	5.5
	✓	16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	5.5
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 31 / 10 / 2023

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

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-2500 (QRAEM)	28-7-2023
1307 H	17-11-2022

[illegible]Name & Designation

Signature

Date

Field Operator:

Wong Wai Sing

Peter

4/10/2023

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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	5/10/2023	08:30	Fine / Rainy	0	0	0	20.9	28.5 / 999	4
		13:30	Fine / Rainy	0	0	0	20.9	34.1 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	30.5 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 5/10/2023
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-2500 (QRAE11)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	6/10/2023	08:30	Fine / Rainy	0	0	0	20.9	26.7 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	32.2 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	28.3 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 6/10/2023
 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-2500 (QRAEII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	7/10/2023	08:30	Fine / Rainy	0	0	0	20.9	23.5 / 999	4
		13:30	Fine / Rainy	0	0	0	20.9	27.2 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	25.1 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 7/10/2023

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-2500 (QRAEM)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	10/10/2023	08:30	Fine / Rainy	0	0	0	20.9	23.8 / 999	4
		13:30	Fine / Rainy	0	0	0	20.9	26.9 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 10/10/2023

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-2500 (QRAEM)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	11/10/2023	08:30	Fine / Rainy	0	0	0	20.9	23.7 / 999	4
		13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	25.6 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 11/10/2023

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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	12/10/2023	08:30	Fine / Rainy	0	0	0	20.9	23.5 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	23.7 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 12/10/2023

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-2500 (QRAEM)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	13/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.8 / 999	4
		13:30	Fine / Rainy	0	0	0	20.9	30.2 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	26.6 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 13/10/2023

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-2500 (GRAEIN)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	14/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.7 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	30 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	26.6 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 14/10/2023

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-2500 (QRAE11)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	15/10/2023	08:30	Fire / Rainy	0	0	0	20.9	25.1 / 999	9
		13:30	Fire / Rainy	0	0	0	20.9	29.9 / 999	9
		16:30	Fire / Rainy	0	0	0	20.9	26.9 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 15 / 10 / 2023

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-2500 (QRAEM)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	16/10/2023	08:30	Fine / Rainy	0	0	0	20.9	25.4 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	28.9 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	26.5 / 999	9
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Name & Designation

Signature

Date

Field Operator:

Wong Wai Sing

Peter

16/10/2023

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-2500 (QRAEII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	17/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.5/ 999	9
		13:30	Fine / Rainy	0	0	0	20.9	28.2/ 999	9
		16:30	Fine / Rainy	0	0	0	20.9	25.8/ 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 17/10/2023

Laboratory Staff:

Checked by:

Landfill Gas Monitoring—Field Measurement Recording Sheet

Date of measurement:

Sampling equipment used:	Dates calibrated
PGM-2500 (QRAEII)	28-7-2023
1307 H	17-11-2022

[illegible]

	<u>Name & Designation</u>	<u>Signature</u>	<u>Date</u>
Field Operator:	Wong Wai Sing	Peter	18 / 10 / 2023
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-2500 (QRAEII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	19/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.6 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	26 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 19/10/2023
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-2500 (QRAEIII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	20/10/2023	08:30	Fine / Rainy	0	0	0	20.9	246 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	226 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	239 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 20/10/2023
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-2500 (QRAEII)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	21/10/2023	08:30	Fire / Rainy	0	0	0	20.9	22 / 999	9
		13:30	Fire / Rainy	0	0	0	20.9	25.4 / 999	9
		16:30	Fire / Rainy	0	0	0	20.9	23.3 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 21/10/2023

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-2500 (QRAEM)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	25/10/2023	08:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	29.7 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	26.6 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 25/10/2023

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-2500 (QRAEM)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	26/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.9 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	26.2 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 26/10/2023

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-2500 (GRAEVI)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	28/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.2 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	27.7 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 28/10/2023

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-2500 (QRAEM)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	29/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.1 / 999	4
		13:30	Fine / Rainy	0	0	0	20.9	27.1 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	25.3 / 999	9
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Field Operator: Name & Designation Signature Date
Wong Wai Sing Peter 29/10/2023
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-2500 (QRAEM)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	30/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.6 / 999	4
		13:30	Fine / Rainy	0	0	0	20.9	29.3 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	26.1 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 30/10/2023

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-2500 (QRAEM)	28-7-2023
1307 H	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) / Pressure (mbar)	Remark Depth (m)
Pit A	31/10/2023	08:30	Fine / Rainy	0	0	0	20.9	29.1 / 999	9
		13:30	Fine / Rainy	0	0	0	20.9	28.6 / 999	9
		16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 31/10/2023
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-2500 (QRAEIII)	28-7-2023
1307 H	17-11-22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
137 pit A	5/10/2023	08:30	Fine / Rainy	0	0	0	20.9	28.5 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	34.1 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	30.5 / 999	9
137 pit B	✓	08:30	Fine / Rainy	0	0	0	20.9	28.5 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	34.1 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	30.5 / 999	9
137 pit C	✓	08:30	Fine / Rainy	0	0	0	20.9	28.5 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	34.1 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	30.5 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 5/10/2023

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-2500 (QRAEIII)	28-7-2023
1307 H	17-11-22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
137 pit A	6/10/2023	08:30	Fine / Rainy	0	0	0	20.9	26.7 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	32.2 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	28.3 / 999	9
137 pit B	✓	08:30	Fine / Rainy	0	0	0	20.9	26.7 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	32.2 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	28.3 / 999	9
137 pit C	✓	08:30	Fine / Rainy	0	0	0	20.9	26.7 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	32.2 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	28.3 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 6/10/2023

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-2500 (G.R.A.E.III)	28-7-2023
1307 H	17-11-22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
137 pit A	26/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.9 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	26.2 / 999	9
137 pit B	✓	08:30	Fine / Rainy	0	0	0	20.9	24.9 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	26.2 / 999	9
137 pit C	✓	08:30	Fine / Rainy	0	0	0	20.9	24.9 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	29.2 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	26.2 / 999	9
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Field Operator: Name & Designation Wong Wai Sing Signature Peter Date 26/10/2023
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-2500 (GRAE III)	28-7-2023
1307 H	17-11-22

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
137 pit A	21/10/2023	08:30	Fine / Rainy	0	0	0	20.9	24.2 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	27.7 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	9
137 pit B	✓	08:30	Fine / Rainy	0	0	0	20.9	24.2 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	27.7 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	9
137 pit C	✓	08:30	Fine / Rainy	0	0	0	20.9	24.2 / 999	9
	✓	13:30	Fine / Rainy	0	0	0	20.9	27.7 / 999	9
	✓	16:30	Fine / Rainy	0	0	0	20.9	25.8 / 999	9
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Field Operator: Wong Wai Sing
Laboratory Staff: Peter
Checked by: 27/10/2023