

# 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-2 500P (2RAE II)	
130714	

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 D	1/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	1/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



1/9/22

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

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 D	2/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	2/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



2/9/22

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

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 D	3/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	3/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9


Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



3/9/22

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

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 D	5/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	5/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



5/9/22

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

[illegible]Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit

7

6/9/22

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

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 D	7/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	7/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9

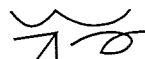
Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



7/9/22

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

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 D	8/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	8/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9

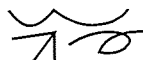
Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



8/9/22

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

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 D	9/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	9/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



9/9/22

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

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 D	10/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	10/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9


Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



10/9/22

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

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 D	13/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	13/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9


Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



13/9/22

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

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 D	14/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	14/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9

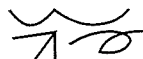
Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



14/9/22

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

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 D	15/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	15/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



15/9/22

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

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 D	16/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	16/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



16/9/22

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

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 D	17/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	17/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



17/9/22

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

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 D	19/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	19/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9


Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



19/9/22

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

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 D	20/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	20/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9


Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



20/9/22

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

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 D	21/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	21/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



21/9/22

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

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 D	22/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	22/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



22/9/22

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

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 D	23/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	23/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



23/9/22

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

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 D	24/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	24/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



24/9/22

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

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 D	26/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	26/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



26/9/22

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

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 D	27/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	27/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



27/9/22

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

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 D	28/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3:13		0	0	0	20.9	35/999	9
Pit A	28/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3:28		0	0	0	20.9	35/999	9


Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



28/9/22

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

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 D	29/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	29/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9

Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



29/9/22

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

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 D	30/9/22	8:20	sunny	0	0	0	20.9	35/999	9
		11:25		0	0	0	20.9	35/999	9
		3: 13		0	0	0	20.9	35/999	9
Pit A	30/9/22	8:35		0	0	0	20.9	35/999	9
		11:39		0	0	0	20.9	35/999	9
		3: 28		0	0	0	20.9	35/999	9


Name & Designation

Signature

Date

Field Operator:

Cheung Hoi Kit



30/9/22

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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	1/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1009	5.5
		1330	Rain/Fine	0	0	0	20.9	32 / 1010	5.5
		1700	Rain/Fine	0	0	0	20.9	32 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



1/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	2/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1009	5.5
	u	1330	Rain/Fine	0	0	0	20.9	32 / 1009	5.5
	u	1700	Rain/Fine	0	0	0	20.9	33 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

2/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	31/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	5.5
	u	1330	Rain/Fine	0	0	0	20.9	33 / 1010	5.5
	u	1700	Rain/Fine	0	0	0	20.9	35 / 1009	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

3/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	5/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1009	5.5
	5/9/2022	1330	Rain/Fine	0	0	0	20.9	33 / 1009	5.5
	5/9/2022	1700	Rain/Fine	0	0	0	20.9	33 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



5/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	6/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1008	5.5
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1008	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

6/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	7/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	5.5
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1010	5.5
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



7/9/2022

Laboratory Staff:

Checked by:



Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	8/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	5.5
	u	1330	Rain/Fine	0	0	0	20.9	33 / 1010	5.5
	u	1700	Rain/Fine	0	0	0	20.9	33 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

J

8/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	9/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1009	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1009	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

9/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	10/9/2022	0830	Rain/Fine	0	0	0	20.9	31/1008	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33/1008	5.5
	4	1700	Rain/Fine	0	0	0	20.9	33/1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



10/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	13/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1010	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

13/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	14/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1008	5.5
	14	1330	Rain/Fine	0	0	0	20.9	34 / 1008	5.5
	14	1700	Rain/Fine	0	0	0	20.9	33 / 1008	5.5

Name & Designation

Signature

Date

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

Laboratory Staff:

Checked by:

8

14/9/2022

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	15/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1010	5.5
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

15/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	16/9/2022	0830	Rain/Fine	0	0	0	20.9	31/1010	5.5
	u	1330	Rain/Fine	0	0	0	20.9	33/1011	5.5
	u	1700	Rain/Fine	0	0	0	20.9	32/1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

16/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	17/9/2022	0830	Rain/Fine	0	0	0	20.9	31/101	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33/1010	5.5
	6	1700	Rain/Fine	0	0	0	20.9	33/1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



17/9/2022

Laboratory Staff:

Checked by:



Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	19/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1010	5.5
	5	1700	Rain/Fine	0	0	0	20.9	33 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

19/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	20/9/2022	0830	Rain/Fine	0	0	0	20.9	32/1010	5.5
	✓	1330	Rain/Fine	0	0	0	20.9	34/1011	5.5
	✓	1700	Rain/Fine	0	0	0	20.9	33/1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

20/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	21/9/2022	0830	Rain/Fine	0	0	0	20.9	32/1009	5.5
	h	1330	Rain/Fine	0	0	0	20.9	33/1010	5.5
	h	1700	Rain/Fine	0	0	0	20.9	33/1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

J

21/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	22/9/2022	0830	Rain/Fine	0	0	0	20.9	30 / 1008	5.5
	22/9/2022	1330	Rain/Fine	0	0	0	20.9	33 / 1010	5.5
	22/9/2022	1700	Rain/Fine	0	0	0	20.9	32 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



22/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	23/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1008	5.5
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



23/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	24/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1008	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1008	5.5
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1008	5.5

Name & Designation

Signature

Date

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

8

24/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	26/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1009	5.5
	u	1330	Rain/Fine	0	0	0	20.9	33 / 1010	5.5
	u	1700	Rain/Fine	0	0	0	20.9	32 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

26/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	27/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1011	5.5
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

J

27/9/2022

Laboratory Staff:

Checked by:



Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	28/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	5.5
	9	1330	Rain/Fine	0	0	0	20.9	34 / 1010	5.5
	u	1700	Rain/Fine	0	0	0	20.9	33 / 1011	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



28/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	29/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1009	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1009	5.5
	u	1700	Rain/Fine	0	0	0	20.9	33 / 1010	5.5

Name & Designation

Signature

Date

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



29/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Landfill Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	30/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	5.5
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1010	5.5
	5	1700	Rain/Fine	0	0	0	20.9	33 / 1010	5.5

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

J

30/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	1/9/2022	0830	Rain/Fine	0	0	0	20.9	31/1008	3.7
	u	1330	Rain/Fine	0	0	0	20.9	32/1010	3.7
	y	1700	Rain/Fine	0	0	0	20.9	33/1010	3.7
WPRTTA 5	y	0830	Rain/Fine	0	0	0	20.9	32/1010	3.6
	y	1330	Rain/Fine	0	0	0	20.9	33/1011	3.6
	h	1700	Rain/Fine	0	0	0	20.9	33/1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

1/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	2/9/2022	0830	Rain/Fine	0	0	0	20.9	31/1009	3.7
	u	1330	Rain/Fine	0	0	0	20.9	33/1008	3.7
	u	1700	Rain/Fine	0	0	0	20.9	33/1009	3.7
WPRTTA 5	u	0830	Rain/Fine	0	0	0	20.9	31/1010	3.6
	u	1330	Rain/Fine	0	0	0	20.9	34/1011	3.6
	u	1700	Rain/Fine	0	0	0	20.9	33/1011	3.6

Name & Designation

Signature

Date

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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	3/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	3.7
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1011	3.7
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.7
WPRTTA 5	4	0830	Rain/Fine	0	0	0	20.9	22 / 1010	3.6
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1009	3.6
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



3/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	5/9/2022	0830	Rain/Fine	0	0	0	20.9	32/1011	3.7
		1330	Rain/Fine	0	0	0	20.9	34/1010	3.7
		1700	Rain/Fine	0	0	0	20.9	33/1010	3.7
WPRTTA 5		0830	Rain/Fine	0	0	0	20.9	32/1010	3.6
		1330	Rain/Fine	0	0	0	20.9	33/1009	3.6
		1700	Rain/Fine	0	0	0	20.9	33/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

5/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	6/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	3.7
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1011	3.7
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.7
WPRTTA 5	4	0830	Rain/Fine	0	0	0	20.9	32 / 1009	3.6
	4	1330	Rain/Fine	0	0	0	20.9	34 / 1010	3.6
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

6/9/2022

Laboratory Staff:

Checked by:



Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	2/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	3.7
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1011	3.7
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1011	3.7
WPRTTA 5	4	0830	Rain/Fine	0	0	0	20.9	32 / 1008	3.6
	4	1330	Rain/Fine	0	0	0	20.9	34 / 1008	3.6
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



7/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	8/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1011	3.7
	7	1330	Rain/Fine	0	0	0	20.9	32 / 1010	3.7
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.7
WPRTTA 5	4	0830	Rain/Fine	0	0	0	20.9	31 / 1008	3.6
	7	1330	Rain/Fine	0	0	0	20.9	33 / 1010	3.6
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



8/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	9/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	3.7
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1011	3.7
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.7
WPRTTA 5	4	0830	Rain/Fine	0	0	0	20.9	31 / 1009	3.6
	4	1330	Rain/Fine	0	0	0	20.9	34 / 1010	3.6
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

9/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	10/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	3.7
	y	1330	Rain/Fine	0	0	0	20.9	33 / 1010	3.7
	y	1700	Rain/Fine	0	0	0	20.9	33 / 1011	3.7
WPRTTA 5	y	0830	Rain/Fine	0	0	0	20.9	31 / 1010	3.6
	y	1330	Rain/Fine	0	0	0	20.9	33 / 1008	3.6
	y	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



10/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	13/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1008	3.7
	21	1330	Rain/Fine	0	0	0	20.9	34 / 1008	3.7
	21	1700	Rain/Fine	0	0	0	20.9	35 / 1008	3.7
WPRTTA 5	21	0830	Rain/Fine	0	0	0	20.9	32 / 1010	3.6
	21	1330	Rain/Fine	0	0	0	20.9	33 / 1010	3.6
	21	1700	Rain/Fine	0	0	0	20.9	33 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

13/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	14/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	3.7
	4	1330	Rain/Fine	0	0	0	20.9	34 / 1011	3.7
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.7
WPRTTA 5	4	0830	Rain/Fine	0	0	0	20.9	32 / 1010	3.6
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1009	3.6
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



14/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	15/9/2022	0830	Rain/Fine	0	0	0	20.9	32/1010	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	33/1010	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	33/1011	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	32/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	34/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	33/1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

15/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	16/9/2022	0830	Rain/Fine	0	0	0	20.9	31/1068	3.7
	7	1330	Rain/Fine	0	0	0	20.9	33/1008	3.7
	7	1700	Rain/Fine	0	0	0	20.9	33/1010	3.7
WPRTTA 5	7	0830	Rain/Fine	0	0	0	20.9	31/1008	3.6
	7	1330	Rain/Fine	0	0	0	20.9	34/1010	3.6
	7	1700	Rain/Fine	0	0	0	20.9	33/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

16/9/2022

Laboratory Staff:

Checked by:



Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	17/9/2022	0830	Rain/Fine	0	0	0	20.9	32/1008	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	33/1009	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	33/1009	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	31/1010	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	32/1010	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	32/1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

17/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	19/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1009	3.7
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1009	3.7
	7	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.7
WPRTTA 5	7	0830	Rain/Fine	0	0	0	20.9	31 / 1010	3.6
	4	1330	Rain/Fine	0	0	0	20.9	34 / 1011	3.6
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

19/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	20/9/2022	0830	Rain/Fine	0	0	0	20.9	31/1010	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	33/1010	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	33/1011	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	31/1010	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	32/1009	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	33/1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

20/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	21/9/2022	0830	Rain/Fine	0	0	0	20.9	32/1008	3.7
	4	1330	Rain/Fine	0	0	0	20.9	34/1008	3.7
	9	1700	Rain/Fine	0	0	0	20.9	33/1008	3.7
WPRTTA 5	21	0830	Rain/Fine	0	0	0	20.9	32/1010	3.6
	21	1330	Rain/Fine	0	0	0	20.9	33/1011	3.6
	9	1700	Rain/Fine	0	0	0	20.9	33/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

21/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	22/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 100	3.7
	21	1330	Rain/Fine	0	0	0	20.9	33 / 100	3.7
	21	1700	Rain/Fine	0	0	0	20.9	33 / 100	3.7
WPRTTA 5	21	0830	Rain/Fine	0	0	0	20.9	32 / 101	3.6
	21	1330	Rain/Fine	0	0	0	20.9	34 / 101	3.6
	21	1700	Rain/Fine	0	0	0	20.9	33 / 100	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



22/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	23/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 101	3.7
		1330	Rain/Fine	0	0	0	20.9	33 / 101	3.7
		1700	Rain/Fine	0	0	0	20.9	32 / 100	3.6
WPRTTA 5	23/9/2022	0830	Rain/Fine	0	0	0	20.9	34 / 101	3.6
		1330	Rain/Fine	0	0	0	20.9	33 / 101	3.6
		1700	Rain/Fine	0	0	0	20.9	33 / 101	3.6

Name & Designation

Signature

Date

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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	24/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	3.7
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1008	3.7
	5	1700	Rain/Fine	0	0	0	20.9	33 / 1008	3.7
WPRTTA 5	4	0830	Rain/Fine	0	0	0	20.9	31 / 1010	3.6
	4	1330	Rain/Fine	0	0	0	20.9	32 / 1011	3.6
	5	1700	Rain/Fine	0	0	0	20.9	33 / 1011	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

24/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	26/9/2022	0830	Rain/Fine	0	0	0	20.9	32/1010	3.7
	4	1330	Rain/Fine	0	0	0	20.9	33/1010	3.7
	4	1700	Rain/Fine	0	0	0	20.9	33/1011	3.7
WPRTTA 5	4	0830	Rain/Fine	0	0	0	20.9	31/1010	3.6
	4	1330	Rain/Fine	0	0	0	20.9	32/1009	3.6
	4	1700	Rain/Fine	0	0	0	20.9	33/1009	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

26/9/2022

Laboratory Staff:

Checked by:



Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	27/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	3.7
	11	1330	Rain/Fine	0	0	0	20.9	33 / 1011	3.7
	14	1700	Rain/Fine	0	0	0	20.9	33 / 1011	3.7
WPRTTA 5	14	0830	Rain/Fine	0	0	0	20.9	31 / 1010	3.6
	14	1330	Rain/Fine	0	0	0	20.9	34 / 1009	3.6
	14	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

27/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	28/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1008	3.7
	4	1330	Rain/Fine	0	0	0	20.9	34 / 1009	3.7
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1008	3.7
WPRTTA 5	4	0830	Rain/Fine	0	0	0	20.9	32 / 1011	3.6
	4	1330	Rain/Fine	0	0	0	20.9	33 / 1012	3.6
	4	1700	Rain/Fine	0	0	0	20.9	33 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

28/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	29/9/2022	0830	Rain/Fine	0	0	0	20.9	31/1011	3.7
	✓	1330	Rain/Fine	0	0	0	20.9	33/1010	3.7
	✓	1700	Rain/Fine	0	0	0	20.9	33/1010	3.7
WPRTTA 5	✓	0830	Rain/Fine	0	0	0	20.9	31/1009	3.6
	✓	1330	Rain/Fine	0	0	0	20.9	33/1010	3.6
	✓	1700	Rain/Fine	0	0	0	20.9	32/1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

8

29/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Wan Po Road Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	30/9/2022	0830	Rain/Fine	0	0	0	20.9	30 / 1010	3.7
	y	1330	Rain/Fine	0	0	0	20.9	32 / 1011	3.7
	y	1700	Rain/Fine	0	0	0	20.9	32 / 1011	3.7
WPRTTA 5	y	0830	Rain/Fine	0	0	0	20.9	31 / 1009	3.6
	y	1330	Rain/Fine	0	0	0	20.9	33 / 1009	3.6
	y	1700	Rain/Fine	0	0	0	20.9	32 / 1010	3.6

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



30/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	1/9/2022	0830	Rain/Fine	0	0	0	20.9	33/1010	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	33/1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	32/1010	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	33/1010	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	34/1009	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	33/1011	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	32/1010	10
	✓	1330	Rain/Fine	0	0	0	20.9	33/1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	33/1009	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



1/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	2/9/2022	0830	Rain/Fine	0	0	0	20.9	33 / 1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1009	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	32 / 1010	10
	✓	1330	Rain/Fine	0	0	0	20.9	34 / 1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



2/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	3/9/2022	0830	Rain/Fine	0	0	0	20.9	33 / 1009	8.4
	"	1330	Rain/Fine	0	0	0	20.9	34 / 1010	8.4
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
Area 137 Pit B	"	0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
	"	1700	Rain/Fine	0	0	0	20.9	32 / 1009	8.6
Area 137 Pit C	"	0830	Rain/Fine	0	0	0	20.9	33 / 1011	10
	"	1330	Rain/Fine	0	0	0	20.9	34 / 1010	10
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



3/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	5/9/2022	0830	Rain/Fine	0	0	0	20.9	32/1010	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	33/1009	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	33/1011	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	32/1010	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	34/1009	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	33/1010	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	33/1010	10
	✓	1330	Rain/Fine	0	0	0	20.9	33/1011	10
	✓	1700	Rain/Fine	0	0	0	20.9	32/1009	10

Name & Designation

Signature

Date

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

✓

5/9/2022

Laboratory Staff:

Checked by:



Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	6/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
		1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
		1700	Rain/Fine	0	0	0	20.9	33 / 1011	8.4
Area 137 Pit B		0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.6
		1330	Rain/Fine	0	0	0	20.9	33 / 1009	8.6
		1700	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
Area 137 Pit C		0830	Rain/Fine	0	0	0	20.9	32 / 1010	10
		1330	Rain/Fine	0	0	0	20.9	33 / 1011	10
		1700	Rain/Fine	0	0	0	20.9	32 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



6/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	7/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.4
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
	"	1700	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
Area 137 Pit B	"	0830	Rain/Fine	0	0	0	20.9	32 / 1011	8.6
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1008	8.6
Area 137 Pit C	"	0830	Rain/Fine	0	0	0	20.9	31 / 1008	10
	"	1330	Rain/Fine	0	0	0	20.9	32 / 1010	10
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

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

8

7/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	8/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	32 / 1011	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	31 / 1010	10
	✓	1330	Rain/Fine	0	0	0	20.9	32 / 1009	10
	✓	1700	Rain/Fine	0	0	0	20.9	32 / 1008	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

8/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	9/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1009	8.4
		1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
		1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
Area 137 Pit B		0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.6
		1330	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
		1700	Rain/Fine	0	0	0	20.9	32 / 1009	8.6
Area 137 Pit C		0830	Rain/Fine	0	0	0	20.9	31 / 1009	10
		1330	Rain/Fine	0	0	0	20.9	32 / 1010	10
		1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



9/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	10/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	8.4
	11	1330	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
	11	1700	Rain/Fine	0	0	0	20.9	32 / 1008	8.4
Area 137 Pit B	11	0830	Rain/Fine	0	0	0	20.9	31 / 1009	8.6
	11	1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.6
	11	1700	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
Area 137 Pit C	11	0830	Rain/Fine	0	0	0	20.9	31 / 1011	10
	11	1330	Rain/Fine	0	0	0	20.9	32 / 1012	10
	11	1700	Rain/Fine	0	0	0	20.9	33 / 1009	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



10/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	13/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1011	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	31 / 1011	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	32 / 1008	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	31 / 1008	10
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1008	10
	✓	1700	Rain/Fine	0	0	0	20.9	32 / 1008	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

13/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	14/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	8.4
		1330	Rain/Fine	0	0	0	20.9	33 / 1009	8.4
		1700	Rain/Fine	0	0	0	20.9	32 / 1009	8.4
Area 137 Pit B		0830	Rain/Fine	0	0	0	20.9	31 / 1011	8.6
		1330	Rain/Fine	0	0	0	20.9	33 / 1009	8.6
		1700	Rain/Fine	0	0	0	20.9	33 / 1009	8.6
Area 137 Pit C		0830	Rain/Fine	0	0	0	20.9	31 / 1010	10
		1330	Rain/Fine	0	0	0	20.9	32 / 1010	10
		1700	Rain/Fine	0	0	0	20.9	32 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

14/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	15/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1008	8.4
	11	1330	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
	11	1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
Area 137 Pit B	11	0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.6
	11	1330	Rain/Fine	0	0	0	20.9	32 / 1008	8.6
	11	1700	Rain/Fine	0	0	0	20.9	33 / 1008	8.6
Area 137 Pit C	11	0830	Rain/Fine	0	0	0	20.9	32 / 1010	10
	11	1330	Rain/Fine	0	0	0	20.9	33 / 1010	10
	11	1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

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

8

15/9/2022

Laboratory Staff:

Checked by:



Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	16/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	8.4
	"	1330	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1011	8.4
Area 137 Pit B	"	0830	Rain/Fine	0	0	0	20.9	32 / 1011	8.6
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1009	8.6
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1009	8.6
Area 137 Pit C	"	0830	Rain/Fine	0	0	0	20.9	31 / 1008	10
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1010	10
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



16/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	17/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1009	8.4
		1330	Rain/Fine	0	0	0	20.9	32 / 1009	8.4
		1700	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
Area 137 Pit B		0830	Rain/Fine	0	0	0	20.9	31 / 1010	8.6
		1330	Rain/Fine	0	0	0	20.9	34 / 1011	8.6
		1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.6
Area 137 Pit C		0830	Rain/Fine	0	0	0	20.9	32 / 1009	10
		1330	Rain/Fine	0	0	0	20.9	33 / 1009	10
		1700	Rain/Fine	0	0	0	20.9	33 / 1009	10

Name & Designation

Signature

Date

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

17/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	19/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.4
		1330	Rain/Fine	0	0	0	20.9	32 / 1008	8.4
		1700	Rain/Fine	0	0	0	20.9	32 / 1008	8.4
Area 137 Pit B		0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
		1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.6
		1700	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
Area 137 Pit C		0830	Rain/Fine	0	0	0	20.9	32 / 1011	10
		1330	Rain/Fine	0	0	0	20.9	33 / 1010	10
		1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

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

19/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	20/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1009	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	32 / 1008	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	34 / 1008	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1008	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	31 / 1010	10
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

20/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	21/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
		1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
		1700	Rain/Fine	0	0	0	20.9	33 / 1009	8.4
Area 137 Pit B		0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
		1330	Rain/Fine	0	0	0	20.9	34 / 1011	8.6
		1700	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
Area 137 Pit C		0830	Rain/Fine	0	0	0	20.9	32 / 1011	10
		1330	Rain/Fine	0	0	0	20.9	33 / 1010	10
		1700	Rain/Fine	0	0	0	20.9	33 / 1009	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

21/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	22/9/2022	0830	Rain/Fine	0	0	0	20.9	32 / 1009	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	34 / 1011	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	32 / 1010	10
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1008	10
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1008	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

✓

22/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	23/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1009	8.4
	"	1330	Rain/Fine	0	0	0	20.9	32 / 1009	8.4
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
Area 137 Pit B	"	0830	Rain/Fine	0	0	0	20.9	31 / 1010	8.6
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.6
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.6
Area 137 Pit C	"	0830	Rain/Fine	0	0	0	20.9	31 / 1010	10
	"	1330	Rain/Fine	0	0	0	20.9	34 / 1011	10
	"	1700	Rain/Fine	0	0	0	20.9	35 / 1011	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])



23/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	24/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.4
	✓	1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
Area 137 Pit B	✓	0830	Rain/Fine	0	0	0	20.9	31 / 1011	8.6
	✓	1330	Rain/Fine	0	0	0	20.9	32 / 1011	8.6
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1008	8.6
Area 137 Pit C	✓	0830	Rain/Fine	0	0	0	20.9	32 / 1008	10
	✓	1330	Rain/Fine	0	0	0	20.9	34 / 1010	10
	✓	1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

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

✓

24/9/2022

Laboratory Staff:

Checked by:



Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	26/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1009	8.4
	"	1330	Rain/Fine	0	0	0	20.9	32 / 1010	8.4
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
Area 137 Pit B	"	0830	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1009	8.6
Area 137 Pit C	"	0830	Rain/Fine	0	0	0	20.9	31 / 1008	10
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1009	10
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1009	10

Name & Designation

Signature

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

2

26/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	27/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1009	8.4
	u	1330	Rain/Fine	0	0	0	20.9	32 / 1008	8.4
	y	1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.4
Area 137 Pit B	y	0830	Rain/Fine	0	0	0	20.9	31 / 1010	8.6
	y	1330	Rain/Fine	0	0	0	20.9	33 / 1010	8.6
	u	1700	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
Area 137 Pit C	y	0830	Rain/Fine	0	0	0	20.9	31 / 1010	10
	u	1330	Rain/Fine	0	0	0	20.9	33 / 1011	10
	u	1700	Rain/Fine	0	0	0	20.9	33 / 1011	10

Name & Designation

Signature

Date

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

8

27/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	28/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.4
	"	1330	Rain/Fine	0	0	0	20.9	32 / 1008	8.4
	"	1700	Rain/Fine	0	0	0	20.9	32 / 1008	8.4
Area 137 Pit B	"	0830	Rain/Fine	0	0	0	20.9	31 / 1010	8.6
	"	1330	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
Area 137 Pit C	"	0830	Rain/Fine	0	0	0	20.9	31 / 1011	10
	"	1330	Rain/Fine	0	0	0	20.9	33 / 1011	10
	"	1700	Rain/Fine	0	0	0	20.9	33 / 1010	10

Name & Designation

Signature

Date

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

8

28/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	29/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.4
	4/10/2022	1330	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
	4/10/2022	1700	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
Area 137 Pit B	4/10/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	8.6
	4/10/2022	1330	Rain/Fine	0	0	0	20.9	32 / 1010	8.6
	4/10/2022	1700	Rain/Fine	0	0	0	20.9	33 / 1010	8.6
Area 137 Pit C	4/10/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1010	10
	4/10/2022	1330	Rain/Fine	0	0	0	20.9	32 / 1011	10
	4/10/2022	1700	Rain/Fine	0	0	0	20.9	33 / 1011	10

Name & Designation

Signature

Date

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



29/9/2022

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

**Area 137 Gas Monitoring - Field Measurement Recording Sheet**

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

Date of measurement:

Sampling equipment used:	Dates calibrated
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 dioxide (%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	30/9/2022	0830	Rain/Fine	0	0	0	20.9	31 / 1008	8.4
	u	1330	Rain/Fine	0	0	0	20.9	33 / 1008	8.4
	u	1700	Rain/Fine	0	0	0	20.9	32 / 1008	8.4
Area 137 Pit B	u	0830	Rain/Fine	0	0	0	20.9	31 / 1010	8.6
	u	1330	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
	u	1700	Rain/Fine	0	0	0	20.9	33 / 1011	8.6
Area 137 Pit C	u	0830	Rain/Fine	0	0	0	20.9	31 / 1011	10
	u	1330	Rain/Fine	0	0	0	20.9	32 / 1010	10
	u	1700	Rain/Fine	0	0	0	20.9	32 / 1010	10

Name & Designation

Signature

Date

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

Laboratory Staff:

Checked by:

8

30/9/2022