

aurecon



# Landfill Gas Monitoring Data

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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

Date 3-7-2012

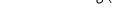
				Μ	lonitoring wells	s / Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon - dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	3/7/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5
	V	1330	Rain/Fine	0	0	0	20.9	20/1010	5.5
	v	1700	Rain/Fine	0	0	0	20.9	18 /1009	5.5
Area B	v	0830	Rain/Fine	0	0	0	20.9	20/10/0	5.5
	Ŷ	1330	Rain/Fine	0	0	0	20.9	18/1010	5.5
	×	1700	Rain/Fine	0	0	0	20.9	17/1009	5.5

Name & Designation

Signature V

Field Operator:

KK Wong (Competent Person)



Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon di oxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area A	4 / 7 / 2023	0830	Rain/Fine	0	0	0	20.9	17/1009	5.5	
	V	1330	R <del>ain</del> /Fine	0	0	0	20.9	19/1009	5.5	
	۲	1700	Rain/Fine	0	0	0	20.9	18/1010	5.5	
Area B	۱. ۲	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5	
	V	1330	Rain/Fine	0	0	0	20.9	20/10/0	5.5	
	Y	1700	R <del>ain/</del> Fine	0	0	0	20.9	17/1009	5.5	
			L					<u> </u>		

Name & Designation

Signature

Date 4-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Μ	onitoring wells	s / Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon di oxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	5 / 7 / 2023	0830	Rain/Fine	0	0	0	20.9	19/101D	5.5
	1r	1330	Rain/Fine	· 0	0	0	20.9	20/100g	5.5
	V	1700	Rain/Fine	0	0	0	20.9	18/009'	5.5
Area B	N.	0830	Rain/Fine	0	0	0	20.9	20/1004	5.5
	V	1330	Rain/Fine	0	0	0	20.9	19/1010	5.5
	¥	1700	R <del>ain/</del> Fine	0	0	0	20.9	18/1010	5.5

Name & Designation



<u>Date</u> 5-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				М	onitoring wells	s / Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon : &l.ì.oxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	6 / 7 / 2023	0830	Rain/Fine	0	0	0	20.9	19/1010	5.5
	N	1330	Rain/Fine	0	0	0	20.9	17/1009	5.5
	Y	1700	R <del>ain</del> /Fine	0	0	0	20.9	18/1009	5.5
Area B	N	0830	Rain/Fine	0	0	0	20.9	20/1009	5.5
	ч	1330	R <del>ain</del> /Fine	0	0	0	20.9	19/1010	5.5
	v	1700	Rain/Fine	0	0	0	20.9	17/10/0	5.5

Name & Designation

Field Operator:

KK Wong (Competent Person)



Date 6-7-2023

Laboratory Staff:

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

				Μ	lonitoring wells	s / Surface C	Gas Emis	ssion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	7 / 7 / 2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	5.5
	v	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5
	Ŷ	1700	Rain/Fine	0	0	0	20.9	20/1010	5.5
Area B	Ŷ	0830	Rain/Fine	0	0	0	20.9	18/1010	5.5
	٧	1330	Rain/Fine	0	0	0	20.9	20/1009	5.5
	Y	1700	R <del>ain</del> /Fine	0	0	0	20.9	19/1009	5.5

#### Name & Designation

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

Signature

7-7-2023 <u>Date</u>

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

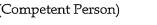
			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon di.oxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area A	10/7/2023	0830	Rain/Fine	0	0	0	20.9	19/1010	5.5	
	V	1330	Rain/Fine	0	0	0	20.9	20/100	5.5	
	٢	1700	Rain/Fine	0	0	0	20.9	18/1009	5.5	
Area B	v	0830	Rain/Fine	0	0	0	20.9	18/10/0	5.5	
	<u>الا</u>	1330	Rain/Fine	0	0	0	20.9	19/1009	5.5	
	V	1700	Rain/Fine	0	0	0	20.9	20/1009	5.5	

Signature

Name & Designation

Field Operator:

KK Wong (Competent Person)





Date 10-7-2023

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

			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon Mioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area A	11 / 7 / 2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	5.5	
	V	1330	Rain/Fine	0	0	0	20.9	17 /100	5.5	
	v	1700	Rain/Fine	0	0	0	20.9	19 /1010	5.5	
Area B	Y	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5	
	V	1330	Rain/Fine	0	0	0	20.9	18/1010	5.5	
	<u>۷</u>	1700	R <del>ain</del> /Fine	0	0	0	20.9	18/1009	5.5	

#### Name & Designation

Signature

Date 11-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			· ···	Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon fioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	12/7/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	5.5		
	· · · · · · · · · · · · · · · · · · ·	1330	Rain/Fine	0	0	0	20.9	19/10/0	5.5		
	V	1700	Rain/Fine	0	0	0	20.9	20/10/0	5.5		
Area B	۲	0830	Rain-/Fine	0	0	0	20.9	19/1009	5.5		
	V	1330	Rain/Fine	· 0	0	0	20.9	18/1009	5.5		
	v	1700	Rain/Fine	0	0	0	20.9	19/1009	5.5		

Name & Designation

<u>Signature</u>

Date 12-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

		Monitoring wells / Surface Gas Emission							
Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	MUNICE	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
12/7/2023	0830	Rain/Fine	0	0	0	20.9	19/1010	5.5	
V	1330	Rain/Fine	0	0	0	20.9	JO1/0C	5.5	
V	1700	Rain/Fine	0	0	0	20.9	18/1009	5.5	
٧	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5	
Ý	1330	Rain/Fine	0	0	0	20.9	19/10/0	5.5	
Ŷ	1700	Rain/Fine	0	0	0	20.9	19/10/0	5.5	
	measurement <u>  2023</u> <u>V</u> <u>V</u> <u>V</u> <u>Y</u> <u>Y</u>	measurement         Sampling time $ \xi/\gamma /2023$ 0830           V         1330           V         1700           Y         0830           Y         1330	measurementSampling timeWeather condition $ \xi/\gamma /2023$ 0830Rain/Fine $V$ 1330Rain/Fine $V$ 1700Rain/Fine $Y$ 0830Rain/Fine $\gamma$ 0830Rain/Fine $\gamma$ 1330Rain/Fine $\gamma$ 1330Rain/Fine	$ \begin{array}{c} \mbox{Date of measurement} \\ \label{eq:sampling time} \\ \mbox{Sampling time} \\ \mbox{Weather condition} \\ \mbox{Weather condition} \\ \mbox{gas}(\%) \\ \mbox{gas}(\%) \\ \mbox{Rain/Fine} \\ \mbox{0} \\ \mbox{V} \\ \mbox{1330} \\ \mbox{Rain/Fine} \\ \mbox{0} \\ \mbox{Qas}(\%) \\ \mbox{Rain/Fine} \\ \mbox{0} \\ \mbox{Qas}(\%) $	$ \begin{array}{c} \mbox{Date of measurement} \\ \mbox{Markev} \\ \mbox{Markev} \\ \mbox{Sampling time} \\ \mbox{Sampling time} \\ \mbox{Weather condition} \\ \mbox{Markev} \\ \mbox{Sampling time} \\ \mbox{Markev} \\ Mar$	Date of measurementSampling timeWeather conditionBalance gas (%)Flammable gas (methame %)Carbon $\cdots$ (ioxide (%) $ \xi/\gamma /2023$ 0830Rain/Fine000 $\chi$ 1330Rain/Fine000 $\chi$ 1700Rain/Fine000 $\chi$ 0830Rain/Fine000 $\chi$ 1330Rain/Fine000 $\chi$ 1330Rain/Fine000 $\chi$ 1330Rain/Fine000 $\chi$ 1330Rain/Fine000	Date of measurementSampling timeWeather conditionBalance gas (%)Flammable gas (methame %)Carbon $(\%)$ Oxyge n (%) $ \chi/\gamma /2023$ 0830Rain/Fine00020.9 $\chi$ 1330Rain/Fine00020.9 $\chi$ 1700Rain/Fine00020.9 $\chi$ 0830Rain/Fine00020.9 $\chi$ 1330Rain/Fine00020.9 $\chi$ 1330Rain/Fine00020.9 $\chi$ 1330Rain/Fine00020.9 $\chi$ 1330Rain/Fine00020.9	Date of measurementSampling timeWeather conditionBalance gas (%)Flammable gas (methame %)Carbon Oxyge n (%)Temp (°C) / Pressure (mbar) $ \xi/\gamma /2023$ 0830Rain/Fine00020.919 / 1010 $\chi$ 1330Rain/Fine00020.9 $\sqrt{10(1)}$ $\chi$ 1700Rain/Fine00020.9 $\sqrt{10(1)}$ $\chi$ 0830Rain/Fine00020.9 $\sqrt{10(1)}$ $\chi$ 1700Rain/Fine00020.9 $\sqrt{10(1)}$ $\chi$ 0830Rain/Fine00020.9 $\sqrt{10(1)}$ $\chi$ 1330Rain/Fine00020.9 $\sqrt{10(1)}$ $\chi$ 1330Rain/Fine00020.9 $\sqrt{10(1)}$ $\chi$ 1330Rain/Fine00020.9 $\sqrt{10(1)}$	

Name & Designation

Signature

Date 13-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon Aloxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	14/7/2023	0830	-Rain/Fine	0	0	0	20.9	17 /1009	5.5		
	γ	1330	-Rain/Fine	0	0	0	20.9	20/1004	5.5		
	Y	1700	- <del>Rain</del> /Fine	0	0	0	20.9	18/1010	5.5		
Area B	٧	0830	- <del>Rain</del> /Fine	0	0	0	20.9	19/10/0	5.5		
	γ	1330	- <del>Rain</del> /Fine	0	0	0	20.9	18/1009	5.5		
	Ŷ	1700	Rain/Fine	0	0	0	20.9	20/1009	5.5		

Name & Designation

Signature

Date 14-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon Aroxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area A	18/7/2023	0830	Rain/ <del>Fine</del> -	0	0	0	20.9	17/1004	5.5	
	V	1330	Rain/ <del>Fine</del>	0	0	0	20.9	19/1010	5.5	
	Ŷ	1700	Rain/Fine	0	0	0	20.9	18/1010	5.5	
Area B	Y	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5	
	v	1330	Rain/Fine	0	0	0	20.9	19/1009	5.5	
	Ý	1700	Rain/F <del>ine-</del>	0	0	0	20.9	20/10/0	5.5	

Name & Designation

Signature

Date 18-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area A	19/7/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5	
	N N	1330	Rain/Fine	0	0	0	20.9	20/1010	5.5	
	Ŷ	1700	Rain/Fine	0	0	0	20.9	18/1010	5.5	
Area B	v	0830	<b>Rain</b> /Fine	0	0	0	20.9	17/1009	5.5	
	Υ	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5	
	٧	1700	R <del>ain</del> /Fine	0	0	0	20.9	19/10/0'	5.5	
		and the second se								
	· ·									
				l				]		

Name & Designation

<u>Signature</u>

Date 19-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon molioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	20/7/2023	0830	-Rain/Fine	0	0	0	20.9	19/100	5.5		
	Ý	1330	-Rain/Fine	0	0	0	20.9	20/10/0	5.5		
	V	1700	-Rain/Fine	0	0	0	20.9	18/1009	5.5		
Area B	Ý	0830	-Rain/Fine	0	0	0	20.9	17/1009	5.5		
	V	1330	Rain/Fine	0	0	0	20.9	19/1010	5.5		
	٧	1700	-Rain/Fine	0	0	0	20.9	19/1009	5.5		
				·							

Name & Designation

Signature

Date 20-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon Leftroxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	2023 / 7 / لد	0830	Rain/Fine	0	0	0	20.9	20/1009	5.5		
	V	1330	Rain/Fine	0	0	0	20.9	19/1010	5.5		
	۱ſ	1700	Rain/Fine	0	0	0	20.9	18/1010	5.5		
Area B	V	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5		
	V	1330	Rain/Fine	0	0	0	20.9	20/10/0	5.5		
	V	1700	Rain/Fine	0	0	0	20.9	19/1009	5.5		

Name & Designation

Signature

Date 21-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon Tr <b>c</b> iòxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	24/7/2023	0830	Rain/Fine	0	0	0	20.9	19/1010	5.5		
	V	1330	Rain/Fine	0	0	0	20.9	20/1009	5.5		
	V	1700	Rain-/Fine	0	0	0	20.9	JO1/ TI	5.5		
Area B	V	0830	Rain/Fine	0	0	0	20.9	18/1010	5.5		
	γ	1330	Rain/Fine	0	0	0	20.9	19/1009	5.5		
	Y	1700	Rain/Fine	0	0	0	20.9	18/1009	5.5		
								1			

Name & Designation

Signature

Date 24-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	25/7/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	5.5		
	Y	1330	Rain/Fine	0	0	0	20.9	20/1009	5.5		
	V	1700	Rain/Fine	0	0	0	20.9	19/10/0	5.5		
Area B	Ŷ	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5		
	V	1330	Rain/Fine	0	0	0	20.9	i9 /iolo	5.5		
	×	1700	Rain/Fine	0	0	0	20.9	20/1009	5.5		

Name & Designation

Signature

25/7/2023 <u>Date</u>

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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				

			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon malioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area A	2023 / 7 / كد	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5	
	Y	1330	Rain/Fine	0	0	0	20.9	20/1010	5.5	
	γ	1700	Rain/Fine	0	0	0	20.9	17/10/0	5.5	
Area B	Y	0830	Rain/Fine	0	0	0	20.9	18/100	5.5	
	٧	1330	<del>Rain/</del> Fine	0	0	0	20.9	19/1009	5.5	
	γ	1700	R <del>ain</del> /Fine	0	0	0	20.9	19'/1009	5.5	
							[	]		

Name & Designation

Signature

Date 16-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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				

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon mclioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	ア/7/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5		
	V	1330	Rain/Fine	0	0	0	20.9	20/10/0	5.5		
	V	1700	Rain-/Fine	0	0	0	20.9	17/1009	5.5		
Area B	V	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5		
	Ý	1330	Rain/Fine	0	0	0	20.9	18/10/0	5.5		
	ý.	1700	Rain/Fine	0	0	0	20.9	17/1010	5 <i>.</i> 5		
			<u> </u>					<u> </u>			

Name & Designation

Signature

Date 27-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon m <b>c</b> hoxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	」 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、	0830	Rain/Fine	0	0	0	20.9	18/1009	5.5		
	V V	1330	Rain/Fine	0	0	0	20.9	19/1009	5.5		
	V	1700	R <del>ain/</del> Fine	0	0	0	20.9	17/10/0	5.5		
Area B	11	0830	Rain/Fine	0	0	0	20.9	19/1009	5.5		
		1330	Rain/Fine	0	0	0	20.9	20/1010	5.5		
	V	1700	Rain/Fine	. 0	0	0	20.9	18/10/0	5.5		

#### Name & Designation

Signature

Date 18-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			÷	Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon Di <b>Ch</b> ioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)			
Area A	31/7/2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	5.5			
	V	1330	Rain/Fine	0	0	0	20.9	20/1004	5.5			
		1700	Rain/Fine	0	0	0	20.9	18/1009	5.5			
Area B	V	0830	Rain/Fine	0	0	0	20.9	17/1010	5.5			
	V	1330	Rain/Fine	0	0	0	20.9	18/1009	5.5			
	Ý	1700	-Rain/Fine	0	0	0	20.9	<u>.19/1010</u>	5.5			
					l							

# Name & Designation

Signature

31-7-2023 <u>Date</u>

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission						
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon and ioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	3/7/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4
	V	1330	Rain/Fine	0	0	0	20.9	19/1010	8.4
	V	1700	Rain/Fine	0	0	0	20.9	20/1010	8.4
Area 137 Pit B	v	0830	Rain/Fine	0	0	0	20.9	18/1009	8.6
	۲	1330	Rain/Fine	0	0	0	20.9	18/10/0	8.6
	V	1700	Rain/Fine	0	0	0	20.9	19/1010	8.6
Area 137 Pit C	N	0830	Rain/Fine	0	0	0	20.9	18/1009	10
	V .	1330	Rain/Fine	0	0	0	20.9	20/1010	10
	Y	1700	Rain/Fine	0	0	0	20.9	19/10/0	10

Name & Designation

Signature

<u>Date</u> 3-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon ditoxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area 137 Pit A	4/7/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	8.4		
	4	1330	<u> Rain</u> /Fine	0	0	0	20.9	18/10/0	8.4		
	1/	1700	Rain/Fine	0	0	0	20.9	17 1'1010	8.4		
Area 137 Pit B	Y	0830	Rain/Fine	0	0	0	20.9	18/1009	8.6		
	v	1330	<u>Rain</u> /Fine	0	0	0	20.9	20/1010	8.6		
	V	1700	Rain/Fine	0	0	0	20.9	19 11010	8.6		
Area 137 Pit C	\ر	0830	Rain/Fine	0	0	0	20.9	18 11009	10		
	M	1330	Rain/Fine	0	0	0	20.9	50/10/0	10		
	V	1700	Ra <del>in</del> /Fine	0	0	0	20.9	17/10/0	10		

# Name & Designation

Signature

4-7-2013 <u>Date</u>

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon Aioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area 137 Pit A	5/7/2023	0830	- <del>Rain</del> /Fine	0	0	0	20.9	18/1009	8.4	
	V	1330	Rain/Fine	0	0	0	20.9	17/1009	8.4	
	Y	1700	Rain/Fine	0	0	0	20.9	19/100	8.4	
Area 137 Pit B	V	0830	- <del>Rain/</del> Fine	0	0	0	20.9	19/100	8.6	
	V	1330	- <del>Rain/</del> Fine	0	0	0	20.9	18/1010	8.6	
	v	1700	_Rain/Fine	0	0	0	20.9	20/1009	8.6	
Area 137 Pit C	٧	0830	Rain/Fine	0	0	0	20.9	17/1010	10	
	N	1330	Rain/Fine	0	0	0	20.9	18/1009	10	
	1	1700	Rain/Fine	0	0	0	20.9	19/1004	10	
								( (		
								-		

#### Name & Designation

Signature

Date 5-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

	· · · · · · · · · · · · · · · · · · ·		Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area 137 Pit A	6 / 7 / 2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4		
	1	1330	R <del>ain//</del> Fine	0	0	0	20.9	18/1010	8.4		
	Y	1700	Rain/Fine	0	0	0	20.9	20/10/0	8.4		
Area 137 Pit B	V	0830	Rain/Fine	0	0	0	20.9	18/1010	8.6		
	٧	1330	Rain/Fine	0	0	0	20.9	19/1009	8.6		
	٧	1700	Rain/Fine	0	0	0	20.9	19/10/01	8.6		
Area 137 Pit C	V	0830	Rain/Fine	0	0	0	20.9	18/1009	10		
	V	1330	Rain/Fine	0	0	0	20.9	19/10/0	10		
	v	1700	R <del>ain/</del> Fine	0	0	0	20.9	20/10/0	10		

# Name & Designation

Signature

6-7-2013 Date

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon .ditoxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)			
Area 137 Pit A	7/7/2023	0830	-Rain-/Fine	0	0	0	20.9	19/1010	8.4			
	V V	1330	Rain/Fine	0	0	0	20.9	20/1009	8.4			
	V	1700	Rain/Fine	0	0	0	20.9	17/1010	8.4			
Area 137 Pit B	V	0830	Rain/Fine	0	0	0	20.9	18/1010	8.6			
	Y	1330	Rain/Fine	0	0	0	20.9	19/1009	8.6			
······································	V	1700	Rain/Fine	0	0	0	20.9	18/10/0	8.6			
Area 137 Pit C	X	0830	Rain/Fine	0	0	0	20.9	1911010	10			
	V	1330	Rain/Fine	0	0	0	20.9	18 1 1009	10			
	X	1700	Rain/Fine	0	0	0	20.9	17 11010	10			

# Name & Designation

<u>Signature</u>

Date 7-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon di <b>o</b> xide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area 137 Pit A	0/7/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4		
	V	1330	Rain/Fine	0	0	0	20.9	19/10/0	8.4		
	v	1700	Rain/Fine	0	0	0	20.9	18/10/0	8.4		
Area 137 Pit B	V	0830	Rain/Fine	0	0	0	20.9	19/1009	8.6		
	N	1330	Rain/Fine	0	0	0	20.9	20/1010	8.6		
	V	1700	Rain/Fine	0	0	0	20.9	17/1010	8.6		
Area 137 Pit C	V	0830	Rain/Fine	0	0	0	20.9	18 / 1009	10		
	V	1330	Rain/Fine	0	0	0	20.9	20/1010	10		
	V	1700	Rain/Fine	0	0	0	20.9	19 11010	10		

# Name & Designation

Signature

10-7-2023 <u>Date</u>

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				M	Monitoring wells / Surface Gas Emission						
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area 137 Pit A	1/7/2023	0830	Rain/Fine	0	0	0	20.9	17/1010	8.4		
	v	1330	-Rain/Fine	0	0	0	20.9	18/1009	8.4		
	v	1700	Rain/Fine	0	0	0	20.9	20/1009	8.4		
Area 137 Pit B	۲. ۲	0830	Rain/Fine	0	0	0	20.9	18/1010	8.6		
	((	1330	Rain-/Fine	0	0	0	20.9	19/100	8.6		
	V	1700	Rain/Fine	0	0	0	20.9	19/1010	8.6		
Area 137 Pit C	V	0830	-Rain/Fine	0	0	0	20.9	18/1009	10		
	V	1330	Rain/Fine	0	0	0	20.9	19/10/0	10		
	V	1700	-Rain/Fine	0	0	0	20.9	20/10/0	10		

# Name & Designation

Signature

Date 11-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dùoxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area 137 Pit A	12/7 / 2023	0830	Rain/Fine	0	0	0	20.9	19/10/0	8.4		
	Υ.	1330	-Rain/Fine	0	0	0	20.9	20/10/0	8.4		
	V	1700	Rain/Fine	0	0	0	20.9	18/1009	8.4		
Area 137 Pit B	Ч	0830	Rain/Fine	0	0	0	20.9	19/1009	8.6		
	V	1330	Rain/Fine	0	0	0	20.9	18/10/0	8.6		
	Y	1700	Rain/Fine	0	0	0	20.9	17/1009	8.6		
Area 137 Pit C	Y	0830	Rain/Fine	0	0	0	20.9	18/10/0	10		
	Y	1330	Rain/Fine	0	0	0	20.9	19/10/0	10		
	N	1700	Rain/Fine	0	0	0	20.9	50/1009	10		

Name & Designation



<u>Date</u> 12-7-22

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon diloxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area 137 Pit A	R/T/2023	0830	- Rain/Fine	0	0	0	20.9	18/1009	8.4	
	V	1330	Rain/Fine	0	0	0	20.9	19/1009	8.4	
	V	1700	Rain/Fine	0	0	0	20.9	17/1010	8.4	
Area 137 Pit B	Ч	0830	Rain/Fine	0	0	0	20.9	19/10/0	8.6	
	V	1330	Rain/Fine	0	0	0	20.9	20/10/0	8.6	
	V	1700	Rain/Fine	0	0	0	20.9	18/1009	8.6	
Area 137 Pit C	V	0830	_Rain/Fine	0	0	0	20.9	17/1009	10	
	V	1330	-Rain/Fine	0	0	0	20.9	19/1009	10	
	V	1700	Rain/Fine	0	0	0	20.9	18/1009	10	

Name & Designation

Signature

<u>Date</u> 13-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

# 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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon di.oxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area 137 Pit A	14./7/2023	0830	Rain/Fine	0	0	0	20.9	19/1010	8.4		
	۲. ۲	1330	Rain/Fine	0	0	0	20.9	20/10/0	8.4		
	Y	1700	Rain/Fine	0	0	0	20.9	18/1009	8.4		
Area 137 Pit B	V	0830	Rain/Fine	0	0	0	20.9	18 /1010	8.6		
	V	1330	Rain/Fine	0	0	0	20.9	19/1010	8.6		
	٧	1700	Rain/Fine	0	0	0	20.9	17 / 1009	8.6		
Area 137 Pit C	V	0830	Rain/Fine	0	0	0	20.9	18/1009	10		
	١٢	1330	Rain/Fine	0	0	0	20.9	20/1010	10		
	V	1700	<u>Rain</u> /Fine	0	0	0	20.9	19 /1009	10		

# Name & Designation

Signature

Date 14-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				M	onitoring wells	/ Surface (	Gas Emis	ssion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon ditoxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	8/7/2023	0830	Rain/Fine	0	0	0	20.9	18 / 1009	8.4
	Υ ·	1330	Rain/Eine	0	0	0	20.9	19/10/0	8.4
	Ý	1700	Rain/ <del>Fine</del> s	0	0	0	20.9	Sc/iolo	8.4
Area 137 Pit B	Y	0830	Rain/Fine	0	0	0	20.9	19/1009	8.6
	Ý	1330	Rain/ <del>Fine</del>	0	0	0	20.9	18/1009	8.6
	Y	1700	Rain/ <del>Fine</del>	0	0	0	20.9	20/1010	8.6
Area 137 Pit C	Y	0830	Rain/ <del>Fine</del>	0	0	0	20.9	17/1009	10
	<u>۱</u>	1330	Rain/ <del>Fine</del> -	0	0	0	20.9	18/1010	10
	Ŋ	1700	Rain/Fine-	0	0	0	20.9	19/1009	10

# Name & Designation

Signature

<u>Date</u> 18-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Mo	onitoring wells	/ Surface (	Gas Emis	ssion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dìoxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	19/7/2023	0830	Rain/Fine	0	0	0	20.9	18/1009	8.4
	V	1330	Rain/Fine	0	0	0	20.9	20/10/0	8.4
	V	1700	Rain/Fine	0	0	0	20.9	17/10/0	8.4
Area 137 Pit B	Ч	0830	Rain/Fine	0	0	0	20.9	19/1009	8.6
	V	1330	Rain/Fine	0	0	0	20.9	18/1010	8.6
	V	1700	Rain/Fine	0	0	0	20.9	19/10/0	8.6
Area 137 Pit C	V	0830	Rain/Fine	0	0	0	20.9	17/1009	10
	V	1330	Rain/Fine	0	0	0	20.9	20/1009	10
	V	1700	_Rain/Fine	0	0	0	20.9	18/1009	10

# Name & Designation

Signature

19-7-2023 <u>Date</u>

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

		Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon Aioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	20/7/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4
	v	1330	Rain/Fine	0	0	0	20.9	18/1010	8.4
· · · · · · · · · · · · · · · · · · ·	v	1700	- <del>Rain</del> /Fine	0	0	0	20.9	20/1009	8.4
Area 137 Pit B	v	0830	_Rain/Fine	0	0	0	20.9	18/1009	8.6
· · · · · · · · · · · · · · · · · · ·	v	1330	Rain/Fine	0	0	0	20.9	20/10/0	8.6
	v	1700	Rain/Fine	0	0	0	20.9	19 /10/0	8.6
Area 137 Pit C	V	0830	- <del>Rain</del> /Fine	0	0	0	20.9	18/10/0	10
	V	1330	Rain/Fine	0	0	0	20.9	19/1009	10
	V	1700	- <del>Rain</del> /Fine	<u>0</u>	0	0	20.9	20/1009	10

# Name & Designation

Signature

Date 20-7-1013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Mo	onitoring wells	/ Surface C	Gas Emis	ssion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	ン1/7/2023	0830	Rain/Fine	0	0	0	20.9	18/10/0	8.4
	V	1330	Rain/Fine	0	0	0	20.9	17/1009	8.4
	Ý	1700	Rain/Fine	0	0	0	20.9	19/1009	8.4
Area 137 Pit B	v	0830	Rain/Fine	0	0	0	20.9	19/1010	8.6
	Ý	1330	Rain/Fine	0	0	0	20.9	18/10/0	8.6
	V	1700	-Rain/Fine	0	0	0	20.9	20 / 1009	8.6
Area 137 Pit C	Y	0830	_Rain/Fine	0	0	0	20.9	191 1004	10
	V	1330	Rain/Fine	0	0	0	20.9	18/10/0	10
	V	1700	Rain/Fine	0	0	0	20.9	17/10/0	10

# Name & Designation

Signature

Date 2/.7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

	Monitoring wells / Surface Gas Emission							ssion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dìoxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area 137 Pit A	24/7/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	8.4
	V	1330	Rain-/Fine	0	0	0	20.9	18/1010	8.4
	V	1700	Rain/Fine	0	0	0	20.9	20/1009	8.4
Area 137 Pit B	V	0830	Rain/Fine	0	0	0	20.9	19/1009	8.6
	V	1330	Rain/Fine	0	0	0	20.9	17/1010	8.6
	Y	1700	Rain/Fine	0	0	0	20.9	18/10/0	8.6
Area 137 Pit C	V V	0830	Rain/Fine	0	0	0	20.9	18/10/0	10
	١	1330	- <del>Rain</del> /Fine	0	0	0	20.9	17/1009	10
	V	1700	Rain/Fine	0	0	0	20.9	19/1009	10

# Name & Designation

Signature

Date 14-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)			
Area 137 Pit A	ンナ/7/2023	0830	-Rain/Fine	0	0	0	20.9	19/1010	8.4			
	V	1330	-Rain/Fine	0	0	0	20.9	20/10	8.4			
	١ſ	1700	-Rain/Fine	0	0	0	20.9	18/1009	8.4			
Area 137 Pit B	v	0830	Rain/Fine	0	0	0	20.9	18/1009	8.6			
	v	1330	-Rain/Fine	0	0	0	20.9	19/1010	8.6			
	V	1700	Rain/Fine	0	0	0	20.9	17 / 1009	8.6			
Area 137 Pit C	V	0830	Rain/Fine	0	0	0	20.9	18/10/0	10			
	Ń	1330	Rain/Fine	0	0	0	20.9	20/1009	10			
	V	1700	<u>_Rain</u> /Fine	0	0	0	20.9	18/1009	10			

# Name & Designation

Signature

Date 15-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon ¢ioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area 137 Pit A	2023	0830	-Rain/Fine	0	0	0	20.9	18/1009	8.4		
-	v	1330	-Rain/Fine	0	0	0	20.9	17/1009	8.4		
	Y	1700	-Rain/Fine	0	0	0	20.9	0/10/ OC	8.4		
Area 137 Pit B	V	0830	Rain/Fine	0	0	0	20.9	19/10/0	8.6		
	v	1330	-Rain-/Fine	0	0	0	20.9	18/101D	8.6		
	V	1700	Rain/Fine	0	0	0	20.9	19/1009	8.6		
Area 137 Pit C	Ý	0830	Rain/Fine	0	0	0	20.9	17/1009	10		
	V	1330	Rain/Fine	0	0	0	20.9	20/1009	10		
	۱۲	1700	Rain/Fine	0	0	0	20.9	18/10/2	10		

### Name & Designation

Signature

Date 26-7-22

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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
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				Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon choxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)			
Area 137 Pit A	27/7/2023	0830	-Rain/Fine	0	0	0	20.9	18/10/0	8.4			
	V	1330	Rain/Fine	0	0	0	20.9	20/1009	8.4			
	1	1700	-Rain/Fine	0	0	0	20.9	19/1009	8.4			
Area 137 Pit B	V	0830	Rain/Fine	0	0	0	20.9	17/1010	8.6			
	v	1330	-Rain/Fine	0	0	0	20.9	14/10/0	8.6			
	V	1700	Rain,/Fine	0	0	0	20.9	18/1009	8.6			
Area 137 Pit C	v	0830	-Rain/Fine	0	0	0	20.9	17/1009	10			
	Ý	1330	_Rain/Fine	0	0	0	20.9	19/1009	10			
	V	1700	Rain/Fine	0	0	0	20.9	18/1010	10			

## Name & Designation

Signature

Date 27-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)			
Area 137 Pit A	$\frac{8}{7}$ / 2023	0830	-Rain/Fine	0	0	0	20.9	17/1010	8.4			
	<u>v</u>	1330	Rain/Fine	0	0	0	20.9	19/1009	8.4			
	v.	1700	Rain/Fine	0	0	0	20.9	JO / 1010	8.4			
Area 137 Pit B	Ŷ	0830	Rain/Fine	0	0	0	20.9	18/1010	8.6			
	٧	1330	Rain/Fine	0	0	0	20.9	17/1009	8.6			
	Y	1700	Rain/Fine	0	0	0	20.9	19/10/0	8.6			
Area 137 Pit C	v	0830	Rain/Fine	0	0	0	20.9	18 / 1009	10			
	\r \r	1330	Rain/Fine	0	0	0	20.9	20/1009	10			
	V	1700	Rain/Fine	0	0	0	20.9	19/10/0	10			

## Name & Designation

Signature

28-7-2023 <u>Date</u>

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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
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			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon ::•dìoxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area 137 Pit A	3//7/2023	0830	Rain/Fine	0	0	0	20.9	GO1/11	8.4	
*****		1330	_Rain/Fine	0	0	0	20.9	18/1009	8.4	
	Ý	1700	-Rain/Fine	0	0	0	20.9	>0/1009	8.4	
Area 137 Pit B	V	0830	<u>Rain</u> /Fine	0	0	0	20.9	18/1010	8.6	
	v	1330	Rain/Fine	0	0	0	20.9	>0/1009	8.6	
	V	1700	-Rain/Fine	0	0	0	20.9	19/1009	8.6	
Area 137 Pit C	V	0830	-Rain/Fine	0	0	0	20.9	18/1010	10	
	Ý	1330	Rain/Fine	0	0	0	20.9	17/10/0	10	
	V	1700	Rain/Fine	0	0	0	20.9	19/1009	10	

#### Name & Designation

Signature

Date 31-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Mor	nitoring wells /	' Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	CHUXIAN	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	3/7/2023	0830	R <del>ain</del> /Fine	0	0	0	20.9	18/1009	3.7
	V	1330	Rain/Fine	0	0	0	20.9	20/1010	3.7
	V	1700	Rain/Fine	0	0	0	20.9	19/1010	3.7
WPRTTA 5	v	0830	Rain/Fine	0	0	0	20.9	17/1009	3.6
	٧	1330	Rain/Fine	0	0	0	20.9	18/1009	3.6
	V	1700	Rain/Fine	0	0	0	20.9	19/1009	3.6

Name & Designation

Signature

5/7/2023 Date

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

		· · · · · · · · · · · · · · · · · · ·		Moi	nitoring wells /	′ Surface C	Gas Emis	ssion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon - dioxida (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	4/7/2023	0830	Rain/Fine	0	0	0	20.9	17/10/0	3.7
	V	1330	Rain/Fine	0	0	0	20.9	19/1009	3.7
	V	1700	Rain/Fine	0	0	0	20.9	20/1009	3.7
WPRTTA 5	V	0830	R <del>ain</del> /Fine	0	0	0	20.9	18/10/0	3.6
	V	1330	Ratn/Fine	0	0	0	20.9	20/10/0	3.6
	Y	1700	R <del>ain</del> /Fine	0	0	0	20.9	19/1009	3.6

Name & Designation

Signature

Date 4-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Mor	nitoring wells /	′ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather . condition	Balance gas (%)	Flammable gas (methame %)	Carbon Clioxicle (%)	Oxyge n (%)	(mbar)	Remark Depth (m)
WPRTTA 4	5/7/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	3.7
	1/	1330	Rain/Fine	0	0	0	20.9	18/1010	3.7
	Y	1700	Rain/Fine	0	0	0	20.9	20/100	3.7
WPRTTA 5	Ŷ	0830	Rain/Fine	0	0	0	20.9	18/1010	3.6
	V	1330	R <del>ain</del> /Fine	0	0	0	20.9	19/1009	3.6
	Y	1700	Rain/Fine	0	0	0	20.9	20/1009	3.6
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Name & Designation

Signature

Date 5-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Moi	nitoring wells /	/ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	6 /7/ 2023	0830	R <del>ain</del> /Fine	0	0	0	20.9	20/1010	3.7
	V	1330	Rain/Fine	0	0	0	20.9	18/1004	3.7
	V	1700	Rain/Fine	0	0	0	20.9	19/1009	3.7
WPRTTA 5	V	0830	Rain/Fine	0	0	0	20.9	19/10/0	3.6
	V	1330	Rain/Fine	0	0	0	20.9	17/1010	3.6
	Y	1700	Rain/Fine ·	0	0	0	20.9	20/1009	3.6
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Name & Designation

Signature

Date 6-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

#### 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

				Moi	nitoring wells /	Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	UN VILLE	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	7/7/2023	0830	Rain/Fine	0	0	0	20.9	18/10/0	3.7
	Ý	1330	Rain/Fine	0	0	0	20.9	19/1009	3.7
	Ý	1700	Rain/Fine	0	0	0	20.9	20/1009	3.7
WPRTTA 5	V	0830	Rain/Fine	0	0	0	20.9	19/1010	3.6
	v v	1330	Rain/Fine	0	0	0	20.9	17/10/2	3.6
	V	1700	Rain/Fine	0	0	0	20.9	18/1009	3.6

Name & Designation

Signature

Date 7-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

		· · · · · · · · · · · · · · · · · · ·		Mor	hitoring wells /	′ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon clioxide .(%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	10/7/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	3.7
	V	1330	R <del>ain</del> /Fine	0	0	0	20.9	18/1010	3.7
	V	1700	Rain/Fine	0	0	0	20.9	19/1010	3.7
WPRTTA 5	1/	0830	Rain/Fine	0	0	0	20.9	18/1009	3.6
	V	1330	Rain/Fine	0	0	0	20.9	19/1009	3.6
	Y	1700	Rain/Fine	0	0	0	20.9	17/1010	3.6

Name & Designation

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Date 10-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Mor	nitoring wells ,	/ Surface C	Gas Emis	ssion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	· U1041000	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	11 /7/ 2023	0830	Rain/Fine	0	0	0	20.9	18/1009	3.7
	v/	1330	Rain/Fine	0	0	0	20.9	20/10/0	3.7
	Ý	1700	Rain/Fine	0	0	0	20.9	19/1010	3.7
WPRTTA 5	V	0830	Rain/Fine	0	0	0	20.9	19/1009	3.6
	Ŷ	1330	Rain/Fine	0	0	0	20.9	18/1010	3.6
	Y	1700	Rain/Fine	0	0	0	20.9	17/10/0	3.6
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Name & Designation

Signatur

11/7/2023 <u>Date</u>

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

Date 12/7/2023

				Mor	nitoring wells /	/ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon clioxide . (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	2023 / 7 / در	0830	R <del>ain</del> /Fine	0	0	0	20.9	19/1010	
	V	1330	Rain/Fine	0	0	0	20.9	20/1009	3.7
	V	1700	Rain/Fine	0	0	0	20.9	18/1009	3.7
WPRTTA 5	V	0830	Rain/Fine	0	0	0	20.9	19/1009	3.6
	V	1330	Rain/Fine	0	0	0	20.9	18/10/0	3.6
	Ý	1700	R <del>ain</del> /Fine	0	0	0	20.9	17/1010	3.6
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Name & Designation

Signatur

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Moi	hitoring wells /	' Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide . (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	13/7/2023	0830	Rain/Fine	0	0	0	20.9	20/10/0	
	<u> </u>	1330	Rain/Fine	0	0	0	20.9	19/1009	3.7
	У	1700	<del>Rain</del> /Fine	0	0	0	20.9	17/1009	3.7
WPRTTA 5	V	0830	<del>Rain</del> /Fine	0	0	0	20.9	18/1010	3.6
	N	1330	Rain/Fine	0	0	0	20.9	20/10/0	3.6
	V	1700	<del>Rain</del> /Fine	0	0	0	20.9	19/1009	3.6
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Name & Designation

Signature

Date 13-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Moi	nitoring wells /	' Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	MULTINE	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	14/7/2023	0830	Rain/Fine	0	0	0	20.9	17/1009	3.7
	۱/	1330	Rain/Fine	0	0	0	20.9	19/1010	3.7
	V	1700	Rain/Fine	0	0	0	20.9	20/1010	3.7
WPRTTA 5	V	0830	Rain/Fine	0	0	0	20.9	18/009	3.6
	V	1330	Rain/Fine	0	0	0	20.9	20/1009	3.6
	V	1700	Rain/Fine	0	0	0	20.9	19/1010	3.6
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Name & Designation

Signature

Date 14-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Mor	nitoring wells /	' Surface G	Sas Emis	ssion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon clioxide :(%)	Oxyge n (%)	(mbar)	Remark Depth (m)
WPRTTA 4	18/7/2023	0830	Rain/Fine	0	0	0	20.9	18 / 10/0	3.7
	V	1330	Rain/F <del>in</del> e-	0	0	0	20.9	17/1009	3.7
	V	1700	Rain/Fine	0	0	0	20.9	20/1009	3.7
WPRTTA 5	v	0830	Rain/F <del>ine</del>	0	0	0	20.9	19/1009	3.6
	v	1330	Rain/F <del>ine</del>	0	0	0	20.9	18/1010	3.6
	У	1700	Rain/Fine	0	0	0	20.9	19/1010	3.6
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Name & Designation

Signature

Date (8-7-2013

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Moi	nitoring wells ,	′ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	19/7/2023	0830	-Rain/Fine	0	0	0	20.9	19/1009	3.7
	N/	1330	- <del>Rain</del> /Fine	0	0	0	20.9	20/1010	3.7
	٧	1700	-Rain/Fine	0	0	0	20.9	18 /ioio	3.7
WPRTTA 5	V	0830	Rain/Fine	0	0	0	20.9	19/1009	3.6
	V	1330	Rain/Fine	0	0	0	20.9	18/10/0	3.6
	√	1700	- <del>Rain</del> /Fine	0	0	0	20.9	20/10/0	3.6

Name & Designation

Signature

Date 19-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			•	Moi	nitoring wells ,	′ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	MINNE	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	2023 / 7 / 9 مد	0830	- <del>Rain</del> /Fine	0	0	0	20.9	17/1d0	3.7
	Y	1330	Rain/Fine	0	0	0	20.9	19/1009	3.7
	Y	1700	Rain/Fine	0	0	0	20.9	20/1009	3.7
WPRTTA 5	Y	0830	Rain/Fine	0	0	0	20.9	18/1010	3.6
	Ý	1330	Rain/Fine	0	0	0	20.9	19/1010	3.6
	ч	1700	Rain/Fine	0	0	0	20.9	18/1009	3.6
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Name & Designation

Signature

<u>Date</u> 20-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

			- <u></u>	Moi	nitoring wells ,	/ Surface C	Gas Emis	ssion	
Sample location	Date of measurement	Sampling time	Weather condition <sub>.</sub>	Balance gas (%)	Flammable gas (methame %)	Carbon clioxide c(%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	2023 / ٦/ لد	0830	Rain/Fine	0	0	0	20.9	19/1010	3.7
		1330	Rain/Fine	0	0	0	20.9	18/1009	3.7
	V	1700	Rain/Fine	0	0	0	20.9	17/1009	3.7
WPRTTA 5	v	0830	Rain/Fine	0	0	0	20.9	20/1010	3.6
	У	1330	Rain/Fine	0	0	0	20.9	17/1009	3.6
	<u>У</u>	1700	Rain/Fine	0	0	0	20.9	19/1009	3.6

Name & Designation

Signature

Date 2-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Moi	nitoring wells ,	/ Surface (	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	WII/MAC.	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	24/7/2023	0830	Rain/Fine	0	0	0	20.9	19/1009	3.7
	Ý	1330	Rain/Fine	0	0	0	20.9	18/1009	3.7
	V	1700	Rain/Fine	0	0	0	20.9	20/1010	3.7
WPRTTA 5	V	0830	-Rain/Fine	0	0	0	20.9	20/10/0	3.6
	Y	1330	<del>Rain</del> /Fine	0	0	0	20.9	19/1009	3.6
	V	1700	Rain/Fine	0	0	0	20.9	18/1009	3.6
								L	

Name & Designation

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

Signature

Date 24-7-2023

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

				Moi	nitoring wells ,	/ Surface (	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide :(%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	25/7/2023	0830	-Rain/Fine	0	0	0	20.9	19/1010	3.7
	V	1330	Rain/Fine	0	0	0	20.9	20/1009	3.7
	V	1700	- <del>Rain</del> /Fine	0	0	0	20.9	18/1009	3.7
WPRTTA 5	V	0830	Rain/Fine	0	0	0	20.9	20/1010	
	Ý	1330	Rain/Fine	0	0	0	20.9	19/1009	3.6
	<u>۷</u>	1700	R <del>ain</del> /Fine	0	0	0	20.9	17/1009	3.6

Name & Designation

Signature

Date 25/7/26

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Moi	nitoring wells ,	/ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	26/7/2023	0830	- <del>Rain</del> /Fine	0	0	0	20.9	18/10/0	3.7
	×	1330	-Rain/Fine	0	0	0	20.9	20/1009	3.7
	st.	1700	Rain/Fine	0	0	0	20.9	19/1004	3.7
WPRTTA 5	v	0830	Rain/Fine	0	0	0	20.9	17/1009	3.6
	V	1330	Rain/Fine	0	0	0	20.9	19/10/0	3.6
	¥	1700	Rain/Fine	0	0	0	20.9	18/10/0	3.6
							Ĺ		

Name & Designation

Signature

Date 26-7-1023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

				Mo	nitoring wells ,	/ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	27/7/2023	0830	<u>Rain</u> /Fine	0	0	0	20.9	17/10/0	3.7
	V	1330	Rain/Fine	0	0	0	20.9	18/1009	3.7
	Ý	1700	Rain/Fine	0	0	0	20.9	20/009	3.7
WPRTTA 5	Y	0830	Rain/Fine	0	0	0	20.9	19/10/0	3.6
	v	1330	Rain/Fine	0	0	0	20.9	18/1010	3.6
	٧	1700	<del>Rain</del> /Fine	0	0	0	20.9	17/1009	3.6
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Name & Designation

Field Operator:

KK Wong (Competent Person)

Signature

<u>Date</u> 27-7-2023

Laboratory Staff:

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

Date 28/7/2023

				Mor	nitoring wells ,	/ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	WIN YING	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	ふん/7/2023	0830	R <del>ain</del> /Fine	0	0	0	20.9	18/10/0	3.7
	V	1330	Rain/Fine	0	0	0	20.9	19/1009	3.7
	У	1700	Rain/Fine	0	0	0	20.9	20/10/0	3.7
WPRTTA 5	V	0830	Rain/Fine	0	0	0	20.9	19/10/0	3.6
	V V	1330	Rain/Fine	0	0	0	20.9	20/1009	3.6
	Ý	1700	R <del>ain</del> /Fine	0	0	0	20.9	18/1009	3.6

Name & Designation

Field Operator:

KK Wong (Competent Person)

Signature

Laboratory Staff:

# 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

				Mor	nitoring wells /	/ Surface C	Gas Emis	sion	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon dioxide (%)	Oxyge n (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
WPRTTA 4	२/ /७/ २०२३	0830	Rain/Fine	0	0	0	20.9	19/1010	3.7
	V	1330	Rain/Fine	0	0	0	20.9	18/1009	3.7
	Ŋ	1700	Rain/Fine	0	0	0	20.9	20/1009	3.7
WPRTTA 5	У	0830	R <del>ain</del> /Fine	0	0	0	20.9	18/1010	3.6
	V	1330	Rain/Fine	0	0	0	20.9	20/1010	3.6
	У	1700	R <del>ain</del> /Fine	0	0	0	20.9	19/1009	3.6
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Name & Designation

<u>Signature</u>

Date 31-7-2023

Field Operator:

KK Wong (Competent Person)

Laboratory Staff:

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

Sampling equipment used:	Dates calibrated
PGM - 2500 (QRAE111)	28-7-2022
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 (%)		o (°C) / re (mbar)	Remark Depth (m)		
Pit A	11/7 /2-23	08:30	Fine /Rainy	0	0	0	20.9	29/	799	9		
		13:30	Fine / Rains	0	o	0	20.9	301	999	9		
		16:30	Fine / fine	10	0	0	20.9	30/	999	9		
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Name & Designation

Wong Wai Sing

Signature Date Peter 11/7/2023

Field Operator:

Laboratory Staff:

Checked by:

ENVIRONMENTAL RESOURCES MANAGEMENT

ENVIRONMENTAL PROTECTION DEPARTMENT

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

Sampling equipment used:	Dates calibrated				
PGM - 2500 (QRAE111)	28-7-2022				
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	12/7/2023	08:30	Fine /faint	0	0	0	20.9	30/ 999	9		
		13:30	Fine / Rainy	0	0	C	20.0	30/ 999	9		
		16:30	Fine / Raisy	<u> </u>	0	0	20.9	30/ 999	9		
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Name & Designation

Signature

Date

Field Operator:

Wong Wai Sing

Seten 12/7/2023

Laboratory Staff:

Checked by:

ENVIRONMENTAL RESOURCES MANAGEMENT

ENVIRONMENTAL PROTECTION DEPARTMENT

13

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

Sampling equipment used:	Dates calibrated
PGM - 2500 (QRAE111)	28-7-2022
1307 H	17-11-2022

Sample location	Date of measurement	Sampling time	Monitoring wells / Surface Gas Emission								
and the second second second			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)		o (°C) / re (mbar)	Remark Depth (m)	
Pit A	13/7 /2-23	08:30	Fine /finy	0	0	0	20.9	301	799	9	
		13:30	Fine / Rainy	C	0	0	20.0	301	999	9	
		16:30	Fine / think	00	0	Û	20.9	301	999	9	
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Name & Designation

Signature Date Peter 13/7/2023

Field Operator:

Wong Wai Sing

Laboratory Staff:

Checked by:

ENVIRONMENTAL RESOURCES MANAGEMENT

ENVIRONMENTAL PROTECTION DEPARTMENT

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

Sampling equipment used:	Dates calibrated					
PGM - 2500 (QRAE111)	28-7-2022					
1307 H	17-11-2022					

Sample location	Date of measurement	1				Sampling time	Monitoring wells / Surface Gas Emission							
annun orașel - 18 anno 19	1 1 1		Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)					
Pit A	17/7/2-23	08:30	Fine / Painey	0	0	0	20,9	28/ 999	9					
		13:30	Fine / Rainy	0	C	0	20.9	28/ 999	9					
		16:30	Fine / Rainy	U	0	0	20.9	28/ 999	9					
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Name & Designation

Wong was Sing

Signature Date Geter 17/7/2003

Field Operator:

Laboratory Staff:

Checked by:

ENVIRORMENTAL RESOURCES MANAGEMENT

ENVIRONMENTAL PROTECTION DEPARTMENT

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

Sampling equipment used:	Dates calibrated					
PGM - 2500 (QRAE 111)	28-7-2022					
1307 14	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 (%)		(°C) / re (mbar)	Remark Depth (m)	
Fit A	2/7/2-23	08:30	Fine /Rainy	0	0	0	20.9	281	799	9	
		13:30	Fine / Rainy	С	0	0	20.9	29/	999	9	
		16:30	Fine / Rainy	b	0	0	20.9	291	999	9	
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Name & Designation

Signature

Date

Field Operator:

Wong Wai Sing

Peter 2/17/223

Laboratory Staff:

Checked by:

ENVIRONMENTAL RESOURCES MANAGEMENT

ENVIRONMENTAL PROTECTION DEPARTMENT

13

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

Sampling equipment used:	Dates calibrated
PGM - 2500 (QRAE111)	28-7-2022
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 (%)	1	) (°C) / re (mbar)	Remark Depth (m)
Pit A	23/7/2-23	08:30	Fine / Fairy	0	0	0	20.9	29/	799	9
<u> </u>		13:30	Fine / Bainy	0	0	C	20.9	301	999	9
		16:30	Fine / Rowry	10	0	0	20.9	30/	999	9
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Name & Designation

Signature Date Jeten 23/7/2023

Field Operator:

Laboratory Staff:

Checked by:

ENVIRONMENTAL RESOURCES MANAGEMENT

ENVIRONMENTAL PROTECTION DEPARTMENT

13

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

Sampling equipment used:	Dates calibrated
PGM - 2500 (QRAE111)	28-7-2-22
1307 H	17-11-2022
12017	11-11-202

Sample location	Date of measurement	Sampling time							
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) Pressure (mt	
Pit A	24/7/2023	08:30	Fine /fainey	0	0	0	20.9	28/ 99	9.9
		13:30	Fine / Rainy	C	O	C	20.9	30/ 99	9 9
L		16:30	Fine / fring.	D	0	0	20.9	30/ 9	19 9
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: Wong Wai Sing

Name & Designation

Signature Date Peter 24/7/223

Field Operator:

Laboratory Staff:

Checked by:

ENVIRONMENTAL RESOURCES MANAGEMENT

ENVIRONMENTAL PROTECTION DEPARTMENT

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

Sampling equipment used:	Dates calibrated
PGM - 2500 (QRAE111)	28-7-2022
1307 H	17-11-2022
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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 Pressur		Remark Depth (m)	
Pit A	25/7/2-23	08:30	Fine /Rainy	0	0	0	20.9	301	999	9	
		13:30	Fine / Rainy	C	0	C	20.9	30 /	999	9	
		16:30	Fine / Rainy	0	0	0	20.9	301	999	9	
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Field Operator:

Wong Wai Sing Getter 35/7/223

Laboratory Staff:

Checked by:

ENVIRONMENTAL RESOURCES MANAGEMENT

ENVIRONMENTAL PROTECTION DEPARTMENT

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
13=7H	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	28/7 12-23	08:30	Fine / Fine	0	0	C	120.9	29/ 799	9	
		13:30	Fine / Pine	0	0	C	1 2=.9	31/ 999	9	
		16:30	Fine 1 Romer	0	C.	0	12.0.9	31/ 999	9	
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Name & Designation

Wong Wai Sing

-

<u>Signature</u> Peter

Date 28/7/223

Field Operator:

Laboratory Staff:

Checked by:

ENVIRONMENTAL RESOURCES MANAGEMENT

ENVIRONMENTAL PROTECTION DEPARTMENT

13

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	17-11-2=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)	
Pit A	29/7 /2-23	08:30	Fine /fainy	0	0	0	20.9	27/ 999	9	
		13:30	Fine / Rainy	C	0	c	20.9	29/ 999	9	
		16:30	Fine / Rainy	p	0	0	20.9	29/ 999	9	
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Name & Designation Wong Wai Sing

Signature

Date Peter 29/7/2023

Field Operator:

Laboratory Staff:

Checked by:

ENVIRONMENTAL RESOURCES MANAGEMENT

13

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ENVIRONMENTAL PROTECTION DEPARTMENT

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

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

Sample location	Date of measurement	Sampling time		Monitoring wells / Surface Gas Emission						
			Weather condition	Balance gas (%)	Flammable gas (methane %)	Carbon dioxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
PitA	31/7/2022	08:30	Fine /fring	Ś	Q	0	20.9	28/999	9	
	. ,	13:30	Fine / Raing	Э	Э	0	20.9	32/ 999	9	
		16:30	Fine / Rainy	0	0	0	20.9	30/999	9	
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Field Operator:

Name & Designation Wong Wall Sing

Signature

Date Geten 31/7/2023

Laboratory Staff:

Checked by:

-24

ENVIRONMENTAL RESOURCES MANAGEMENT

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ENVIRONMENTAL PROTECTION DEPARTMENT

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