



Appendix J

Landfill Gas Monitoring Data

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

			Monitoring wells / Surface Gas Emission							
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area A	1/6/2022	0830	Fine / Raim	0	0	0	20.9	28//009	5.5	
		1330	Fine / Rain	0	0	0	20.9	29//009	5.5	
	4,	1700	Fine / Rain	0	0	0	20.9	28//010-	5.5	
Area B	Y	0845	Fine / Rain	0	0	0	20.9	29/10/10	2.5	
	<i>\(\)</i>	1345	Fine / Rain	0	0	0	20.9	291/011	2.5	
		1645	Fine / Rain	0	0	0	20.9	28/1010	2.5	
									-	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

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Laboratory Staff:

Checked by:

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

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

		MATERIAL STATE OF THE STATE OF		Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)			
Area A	2/6/2022	0830	Fine / Rain	0	0	0	20.9	27/1010.	5.5			
7110471	21612012	1330	Fine / Barin	0	0	0	20.9	29//010.	5.5			
		1700	Fine / Rain	0	0	0	20.9	28/1011	5.5			
Area B		0845	Fine / Rain	0	0	0	20.9	26/1009	2.5			
7.1.00	,	1345	Fine / Rain	0	0	0	20.9	2811010	2.5			
	C	1645	Fine / Rain	0	0	0	20.9	27/1009.	2.5			

Name & Designation

<u>Signature</u>

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

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Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Dates calibrated
28 JUL 2021

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	41612022	0830	Fine / Rain	0	0	0	20.9	29/1010.	5.5		
		1330	Fine / Rain	0	0	0	20.9	30/10/1	5.5		
		1700	Fine /-Rain	0	0	0	20.9	30/1011	5.5		
Area B		0845	Fine / Rain	0	0	0	20.9	29/1011	2.5		
	-,	1345	Fine / Rain	0	0	0	20.9	31/1012	2.5		
	` (1645	Fine / Rain	0	0	0	20.9	30/1012.	2.5		

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	6/6/2022	0830	Fine / Rain	0	0	0	20.9	2811010	5.5		
	0,0,707	1330	Fine / Rain	0	0	0	20.9	29//011	5.5		
		1700	Fine / Rain	0	0	0	20.9	29//011	5.5		
Area B		0845	Fine / Rain	0	0	0	20.9	29/1009.	2.5		
,		1345	Fine / Rain	0	0	0	20.9	30/1010.	2.5		
	- (1645	Fine / Rain	0	0	0	20.9	30//010.	2.5		
	1										
								· · · · · · · · · · · · · · · · · · ·			

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

16/2022

Laboratory Staff:

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Checked by:

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:

28 JUL 2021

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	7/6/2022	0830	Fine / Rain	0	0	0	20.9	25/1010	5.5		
	110122	1330	Fine / Rain	0	0	0	20.9	27/1011	5.5		
	<u> </u>	1700	Fine / Rain	0	0	0	20.9	26/1010.	5.5		
Area B	.,	0845	Fine / Rain	0	0	0	20.9	26/1011	2.5		
		1345	Fine / Rain	0	0	0	20.9	27/1011	2.5		
	1	1645	Fine / Rain	0	0	0	20.9	26/1010.	2.5		
		1									

Name & Designation

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

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Signature

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

		Annual An	Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	816/20n	0830	Fine / Raim	0	0	0	20.9	25/1067	5.5		
	0,0120	1330	Fine / Rain	0	0	0	20.9	27/1010	5.5		
<u> </u>		1700	Fine /_Rain	0	0	0	20.9	27/1010	5.5		
Area B	4	0845	Fine / Rain	0	0	0	20.9	26/1010	2.5		
***	41	1345	Fine / Rain	0	0	0	20.9	27/1010.	2.5		
11444 1444 		1645	Fine / Bain	0	0	0	20.9	26/1009	2.5		

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

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

AUTO-			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	9/6/7022	0830	Fine / Rain	0	0	0	20.9	25/1009	5.5		
	01/201	1330	Fine / Rain	0	0	0	20.9	26/1010.	5.5		
	<i>C,</i>	1700	Fine / Bain	0	0	0	20.9	26/1010.	5.5		
Area B		0845	Fine / Rain	0	0	0	20.9	25/1010.	2.5		
	-	1345	Fine / Rain	0	0	0	20.9	27/10/1	2.5		
	٠,	1645	Fine / Rain	0	0	0	20.9	26/10/0.	2.5		

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	10/6/2022	0830	Fine / Rain	0	0	0	20.9	25/1009.	5.5		
		1330	Fine / Raim	0	0	0	20.9	26/1009	5.5		
	-	1700	Fine / Rain	0	0	0	20.9	26/1010.	5.5		
Area B		0845	Fine / Rain	0	0	0	20.9	26//010.	2.5		
		1345	Fine / Rain	0	0	0	20.9	26/1010	2.5		
		1645	Fine / Rain	0	0	0	20.9	281109	2.5		
	1							, ,			

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

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10/6/2022.

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:

28 JUL 2021

AND WATER			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	11/6/2021	0830	Fine / Rain	0	0	0	20.9	26/1009.	5.5		
	7701202	1330	Fine / Rain	0	0	0	20.9	27/1010	5.5		
	* _	1700	Fine / Rain	0	0	0	20.9	26/1009	5.5		
Area B	.,	0845	Fire / Rain	0	0	0	20.9	26/1010	2.5		
N	<_	1345	Fine / Raim	0	0	0	20.9	27/1011	2.5		
	• 1	1645	Fine / Raim	0	0	0	20.9	27/1011	2.5		

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	13/6/2022	0830	Fine / Bain	0	0	0	20.9	28/1009.	5.5		
		1330	Fine / Rain	0	0	0	20.9	29/1010	5.5		
		1700	Fine / Rain	0	0	0	20.9	29/1010	5.5		
Area B		0845	Fine / Rain	0	0	0	20.9	29/10/1	2.5		
	~,	1345	Fine / Bain	0	0	0	20.9	291/010.	2.5		
	4	1645	Fine / Rain	0	0	0	20.9	28//010.	2.5		
		Marin Marin			***************************************						

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

n. 11 am Checked by:

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

			Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	14/6/2022	0830	Fine / Bain	0	0	0	20.9	25/1009	5.5		
		1330	Fine / Bain	0	0	0	20.9	27/1010.	5.5		
	٠,	1700	Fine / Rain	0	0	0	20.9	27/1010.	5.5		
Area B		0845	Fine / Rain	0	0	0	20.9	26//010	2.5		
	,	1345	Fine / Rain	0	0	0	20.9	27/1011	2.5		
		1645	Fine / Rain	0	0	0	20.9	27/1010.	2.5		
		A STATE OF THE STA									

Name & Designation

Signature

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Field Operator:

~ 12 am Checked by:

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<u>Date</u>

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:

Dates calibrated					
28 JUL 2021					

	, paramounts		Monitoring wells / Surface Gas Emission								
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)		
Area A	15/6/2022	0830	Fine / Rain	0	0	0	20.9	25/1069	5.5		
		1330	Fine / Rain	0	0	0	20.9	26/1009	5.5		
- Constitution	-/	1700	Fine / Rain	0	0	0	20.9	27/1010.	5.5		
Area B	.,	0845	Fine / Rain	0	0	0	20.9	26/1009.	2.5		
	٠,	1345	Fine / Rain	0	0	0	20.9	72/1010	2.5		
	<u> </u>	1645	Fine / Rain	0	0	0	20.9	27/1009	2.5		
				-							

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

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15/6/2022.

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:

Dates calibrated				
28 JUL 2021				

					Monitoring wells	s / Surface G	as Emissic	on	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	16/6/2022	0830	Fine / Rain	0	0	0	20.9	25/1069	5.5
	18101202	1330	Fine / Rain	0	0	0	20.9	27/1010.	5.5
	****	1700	Fine / Bain	0	0	0	20.9	26/1009	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	25/1009	2.5
		1345	Fine / Rain	0	0	0	20.9	28//011.	2.5
	~(1645	Fine / Rain	0	0	0	20.9	27/1010	2.5
					1				

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

16/6/2022

Checked by:

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

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

		2000 - 20			Monitoring wells	s / Surface G	e Gas Emission		
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	17/6/2022	0830	Fine / Rain	0	0	0	20.9	28/1009,	5.5
	-1	1330	Fine / Bain	0	0	0	20.9	29/1010-	5.5
		1700	Fine / Rain	0	0	0	20.9	29//010.	5.5
Area B		0845	Fine / Bain	0	0	0	20.9	281/010	2.5
	ζ.	1345	Fine / Rain	0	0	0	20.9	28/1010	2.5
		1645	Fine / Rain	0	0	0	20.9	27/10/1,	2.5
							L		L

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

17/6/2022

Checked by:

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

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

		TANKE TO SEE THE SECOND	Monitoring wells / Surface Gas Emission				as Emissio	n	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	18/6/2022	0830	Fine / Rain	0	0	0	20.9	27/1009.	5.5
	* /	1330	Fine / Rain	0	0	0	20.9	29/1010.	5.5
	4/	1700	Fine / Rain	0	0	0	20.9	28/1009	5.5
Area B	~	0845	Fine / Rain	0	0	0	20.9	28/1010	2.5
	~/	1345	Fine / Bain	0	0	0	20.9	29/1011	2.5
	10	1645	Fine / Ratin	0	0	0	20.9	28/1011.	2.5
		, , , , , , , , , , , , , , , , , , ,							

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Date of measurement:

Dates calibrated
28 JUL 2021

					Monitoring wells	s / Surface G	as Emissio	n	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	70/6/2022	0830	Fine / Rain	0	0	0	20.9	A11008.	5.5
	701012022	1330	Fine / Rain	0	0	0	20.9	29//010	5.5
	4/	1700	Fine / Bain	0	0	0	20.9	2811009.	5.5
Area B	· · ·	0845	Fine / Rain	0	0	0	20.9	28/1009	2.5
		1345	Fine / Rain	0	0	0	20.9	29/1010	2.5
	~(1645	Fine / Raim	0	0	0	20.9	2/1010	2.5

	Name & Designation	<u>Signature</u>	<u>Date</u>
Field Operator:	Jock Lee (Competent Person [CO-310218])	Y	2016/2022
Laboratory Staff:		9-1	vo/6/m
Checked by: $4 \cdot 1^2$ GMV		۶	V 7 6/12

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

					Monitoring well	s / Surface G	as Emissic	on	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	21/6/2022	0830	Fine / Bain	0	0	0	20.9	281/009	5.5
7.0.047.1	1 2 (0) 2001	1330	Fine / Bain	0	0	0	20.9	21/009	5.5
		1700	Fine / Rain	0	0	0	20.9	29//010.	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	2911010.	2.5
7.1.0.0		1345	Fine / Rain	0	0	0	20.9	281/010	2.5
		1645	Fine / Rain	0	0	0	20.9	28/1009	2.5

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

21/6/2022.

Laboratory Staff:

Checked by:

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Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

					Monitoring well:	s / Surface G	as Emissic	n	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	22/6/2022	0830	Fine / Rain	0	0	0	20.9	28/1009	5.5
		1330	Fine / Rain	. 0	0	0	20.9	28/1009	5.5
	· /	1700	Fine / Rain	0	0	0	20.9	2811010.	5.5
Area B	<i>-</i>	0845	Fine / Rain	0	0	0	20.9	281/010.	2.5
	~ 1	1345	Fine / Rain	0	0	0	20.9	29/1/008	2.5
	-/	1645	Fine / Rain	0	0	0	20.9	29/1010	2.5

Name & Designation

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Field Operator:

whan Checked by:

Signature

Date

22/6/2m

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

					Monitoring wells	s / Surface G	as Emissio	on	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	23/6/2022	0830	Fine / Rain	0	0	0	20.9	28/10sq.	5.5
	1	1330	Fine / Rain	0	0	0	20.9	30/1010.	5.5
		1700	Fine / Rain	0	0	0	20.9	30/1010	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	29/1010.	2.5
		1345	Fine / Rain	0	0	0	20.9	31/1011	2.5
	-/	1645	Fine / Rain	0	0	0	20.9	31//010	2.5

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

23/6/2022.

Checked by:

No pa class

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

					Monitoring wells	s / Surface G	as Emissic	n	-
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	24/6/2022	0830	Fine / Rain	0	0	0	20.9	29/1010.	5.5
		1330	Fine / Rain	0	0	0	20.9	37/1011	5.5
	V	1700	Fine / Rain	0	0	0	20.9	20/10/1	5.5
Area B	,	0845	Fine / Rain	0	0	0	20.9	28//008,	2.5
	4	1345	Fine / Rain	0	0	0	20.9	31/1011	2.5
	4	1645	Fine / Rain	0	0	0	20.9	30//010	2.5

Name & Designation

Signature

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

24/6/2022

Checked by:

W.Raiv

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

					Monitoring wells	s / Surface G	as Emissio	n	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	25/6/2022	0830	Fine / Bain	0	0	0	20.9	28/1010.	5.5
		1330	Fine / Rain	0	0	0	20.9	31/1011	5.5
	4/	1700	Fine / Rain	0	0	0	20.9	20/1010	5.5
Area B	٠,	0845	Fine / Rain	0	0	0	20.9	28/108	2.5
	4	1345	Fine / Rain	0	0	0	20.9	30/1010.	2.5
	< /	1645	Fine / Rain	0	0	0	20.9	30/1010	2.5

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

25/6/2022.

Checked by:

u- f am

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:

Dates calibrated
28 JUL 2021

					Monitoring wells	s / Surface G	as Emissio	on	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	72/6/2027	0830	Fine / Bain	0	0	0	20.9	281/009	5.5
	241012020	1330	Fine / Bain	0	0	0	20.9	30/1010.	5.5
	-1	1700	Fine / Rain	0	0	0	20.9	30//010.	5.5
Area B		0845	Fine / Bain	0	0	0	20.9	29//010.	2.5
	.,	1345	Fine / Rain	0	0	0	20.9	32/1011	2.5
	.,	1645	Fine / Rain	0	0	0	20.9	31/1011.	2.5

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

27/6/202

Checked by:

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Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

					Monitoring well:	s / Surface G	as Emissio	n	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	28/6/2002	0830	Fine / Bain	0	0	0	20.9	29/10-8	5.5
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7/6/201	1330	Fine / Rain	0	0	0	20.9	32//016	5.5
		1700	Fine / Rain	0	0	0	20.9	31//011.	5.5
Area B		0845	Fine / Rain	0	0	0	20.9	30/1009.	2.5
		1345	Fine / Rain	0	0	0	20.9	32/1010	2.5
	* 1	1645	Fine / Rain	0	0	0	20.9	31/1010	2.5

Name & Designation

Signature

<u>Date</u>

Field Operator:

Jock Lee (Competent Person [CO-310218])

Laboratory Staff:

Checked by:

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281612022.

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:

Dates calibrated
28 JUL 2021

				Monitoring wells / Surface Gas Emission						
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)	
Area A	2) 16/2000	0830	Fine / Rain	0	0	0	20.9	29/1/010	5.5	
		1330	Fine / Rain	0	0	0	20.9	31//01	5.5	
		1700	Fine / Rain	0	0	0	20.9	30/1011	5.5	
Area B	ζ.	0845	Fine / Rain	0	0	0	20.9	30/1009	2.5	
	~,	1345	Fine / Bain	0	0	0	20.9	32/1010.	2.5	
	\(\tag{ \tag} \tag{ \tag{ \tag} \tag{ \tag{ \tag{ \tag{ \tag} \tag{ \ta	1645	Fine / Ratin	0	0	0	20.9	311108	2.5	

Name & Designation

Signature

Field Operator:

Jock Lee (Competent Person [CO-310218])

291612022.

Laboratory Staff:

Checked by:

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Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

Name of site:

13/WSD/16 - Mainlaying in Tseung Kwan O

Date of measurement:

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

					Monitoring wells	s / Surface G	as Emissic	n	
Sample location	Date of measurement	Sampling time	Weather condition	Balance gas (%)	Flammable gas (methame %)	Carbon monoxide(%)	Oxygen (%)	Temp (°C) / Pressure (mbar)	Remark Depth (m)
Area A	301612027	0830	Fine / Rain	0	0	0	20.9	27/1009	5.5
		1330	Fine / Rain	0	0	0	20.9	28/1010	5.5
	٠,	1700	Fine / Rain	0	0	0	20.9	28/1010	5.5
Area B	4	0845	Fine / Rain	0	0	0	20.9	26/1008.	2.5
	٠,	1345	Fine / Rain	0	0	0	20.9	28/1010	2.5
		1645	Fine / Rain	0	0	0	20.9	27//010	2.5

Name & Designation

<u>Signature</u>

Date

Field Operator:

Jock Lee (Competent Person [CO-310218])

30/6/2022 30/Gloss

Laboratory Staff:

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Checked by:

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Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		8:30	0.0414	
Area A	1/6/2022	13:30	0.0418	
		15:30	0.0413	
		8:45	0.0413	
Area B	1/6/2022	13:45	0.0414	
		15:45	0.042	
		9:15	0.0412	
137 Pit C	137 Pit C 1/6/2022	14:15	0.041	
		16:15	0.0416	
	-	9:00	0.042	
137 Pit B	1/6/2022	14:00	0.042	
		16:00	0.0418	
		9:20	0.0412	
137 Pit A	1/6/2022	14:20	0.041	
		16:20	0.0414	
		9:45	0.0411	
WPR WF5	1/6/2022	14:45	0.0416	
		16:45	0.0415	

Name & Designation

<u>Signature</u>

<u>Date</u>

1/6/2022

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H,	15/11/2021
200901259	10/11/2027

Sampling Location	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location	Measurement	Ouriping and	Carbon Dioxide (%)	
		9:30	0.0414	
WRP WF4	1/6/2022	14:30	0.0417	
		16:30	0.0412	
		10:00	0.0418	
Pit A	1/6/2022	15:00	0.0419	
		17:00	0.0417	
		10:15	0.0417	
Pit B	1/6/2022	15:15	0.0419	
	·	17:15	0.042	
		10:15	0.0419	
Pit D	1/6/2022	15:15	0.0414	
		17:15	0.041	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark	
	Measurement		Carbon Dioxide (%)		
		8:30	0.0418		
Area A	2/6/2022	13:30	0.0412		
		15:30	0.042		
		8:45	0.0411		
Area B	2/6/2022	13:45	0.0411		
		15:45	0.042		
		9:15	0.041		
137 Pit C	Pit C 2/6/2022	137 Pit C 2/6/2022	14:15	0.042	
		16:15	0.0412		
		9:00	0.0416		
137 Pit B	2/6/2022	14:00	0.0418		
		16:00	0.0412		
		9:20	0.0415		
137 Pit A	2/6/2022	14:20	0.0415		
		16:20	0.0415		
		9:45	0.0417		
WPR WF5	2/6/2022	14:45	0.0419		
		16:45	0.0413		

Name & Designation

<u>Signature</u>

<u>Date</u> 2/6/2022

Field Operator:

Laboratory Staff:

Checked by:

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark	
		9:30	0.0414		
WRP WF4	2/6/2022	14:30	0.042		
		16:30	0.042		
		10:00	0.041		
Pit A	2/6/2022	15:00	0.0413		
		17:00	0.0416		
		10:15	0.041		
Pit B	2/6/2022	Pit B 2/6/2022	15:15	0.0413	
		17:15	0.0414		
		10:15	0.041		
Pit D	2/6/2022	15:15	0.0411		
		17:15	0.0411		

Name & Designation Signature Date

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		8:30	0.0419	
Area A	4/6/2022	13:30	0.0411	
		15:30	0.0412	
		8:45	0.0414	
Area B	4/6/2022	13:45	0.0415	
		15:45	0.0414	
	4/6/2022	9:15	0.0416	
137 Pit C		14:15	0.0413	
		16:15	0.0416	
	4/6/2022	9:00	0.0415	
137 Pit B		14:00	0.0416	
		16:00	0.0415	
		9:20	0.0415	
137 Pit A	4/6/2022	14:20	0.041	
1, 2, 1, 1, 1, 1		16:20	0.0411	
		9:45	0.0411	
WPR WF5	4/6/2022	14:45	0.0417	
		16:45	0.042	

Name & Designation

<u>Signature</u>

<u>Date</u> 4/6/2022

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

4/6/2022

	Date of Measurement	Date of Sampling time	Compling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location		Sampling time	Carbon Dioxide (%)	Kemark	
		9:30	0.041		
WRP WF4	4/6/2022	14:30	0.0413		
		16:30	0.0412		
		10:00	0.0411		
Pit A	4/6/2022	15:00	0.0417		
		17:00	0.0419		
		10:15	0.0419		
Pit B	4/6/2022	15:15	0.0414		
		17:15	0.0414		
	4/6/2022	10:15	0.0415		
Pit D		15:15	0.041		
		17:15	0.0414		

Name & Designation Signature Date

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
	Modeuromone	8:30	0.0414	
Area A	6/6/2022	13:30	0.0419	
7110471	5, 5, 2 5	15:30	0.041	
		8:45	0.042	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Area B	6/6/2022	13:45	0.0419	
	V , V ,	15:45	0.0414	
137 Pit C	6/6/2022	9:15	0.0418	
		14:15	0.0419	
		16:15	0.0415	
	6/6/2022	9:00	0.0411	
137 Pit B		14:00	0.041	
		16:00	0.042	
		9:20	0.041	
137 Pit A	6/6/2022	14:20	0.0417	
		16:20	0.041	
WPR WF5		9:45	0.0414	
	6/6/2022	14:45	0.041	
		16:45	0.0411	

Name & Designation

<u>Signature</u>

<u>Date</u> 6/6/2022

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of Measurement	Compling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location		Sampling time	Carbon Dioxide (%)	
		9:30	0.0413	
WRP WF4	6/6/2022	14:30	0.0416	
		16:30	0.0417	
		10:00	0.0417	
Pit A	6/6/2022	15:00	0.0418	
		17:00	0.0412	
	6/6/2022	10:15	0.0412	
Pit B		15:15	0.0415	
		17:15	0.0417	
	6/6/2022	10:15	0.042	
Pit D		15:15	0.0417	
		17:15	0.0415	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
	Meddarement	8:30	0.0412	
Area A	7/6/2022	13:30	0.0413	
, uca , t		15:30	0.0418	
		8:45	0.0418	
Area B	7/6/2022	13:45	0.041	
		15:45	0.0414	
	7/6/2022	9:15	0.0413	
137 Pit C		14:15	0.0414	
		16:15	0.0413	
	7/6/2022	9:00	0.0419	
137 Pit B		14:00	0.0418	
		16:00	0.0419	
		9:20	0.0413	
137 Pit A	7/6/2022	14:20	0.0416	
		16:20	0.0414	
WPR WF5		9:45	0.0413	
	7/6/2022	14:45	0.0413	
		16:45	0.0419	

Name & Designation

<u>Signature</u>

<u>Date</u> 7/6/2022

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Olina la cation	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location		Sampling lime	Carbon Dioxide (%)	
		9:30	0.042	
WRP WF4	7/6/2022	14:30	0.0412	
		16:30	0.0416	
		10:00	0.041	
Pit A	7/6/2022	15:00	0.042	
		17:00	0.0411	
		10:15	0.0417	
Pit B	7/6/2022	15:15	0.041	
		17:15	0.0413	
		10:15	0.042	
Pit D	7/6/2022	15:15	0.0415	
		17:15	0.0419	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark	
	Moderation	8:30	0.0418		
Area A	8/6/2022	13:30	0.0417		
7110071	5. 5. <u>-</u> 5	15:30	0.0416		
		8:45	0.0419		
Area B	8/6/2022	13:45	0.0416		
		15:45	0.0415		
		9:15	0.0411		
137 Pit C	8/6/2022	14:15	0.0411		
		16:15	0.0411		
		9:00	0.0419		
137 Pit B	8/6/2022	14:00	0.0417		
		16:00	0.041		
		9:20	0.0417		
137 Pit A	8/6/2022	14:20	0.0412		
	16:20	0.0411			
WPR WF5 8/6/2		9:45	0.0412		
	WPR WF5	8/6/2022	14:45	0.0419	
		16:45	0.0415		

Name & Designation

<u>Signature</u>

<u>Date</u> 8/6/2022

Field Operator: Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location Date of Measurement		Compling fires	Monitoring wells/ Surface Gas Emission	Remark
		Sampling time Carbon Dioxide (%)	Carbon Dioxide (%)	Keman
	9:30	0.0413		
WRP WF4	8/6/2022	14:30	0.0415	
		16:30	0.0419	
		10:00	0.0418	
Pit A	8/6/2022	15:00	0.041	
		17:00	0.0419	
		10:15	0.0416	
Pit B	8/6/2022	15:15	0.042	
		17:15	0.0417	
		10:15	0.042	
Pit D	8/6/2022	15:15	0.041	
		17:15	0.0412	

Name & Designation Signature

Field Operator: Laboratory Staff: Checked by: 8/6/2022

<u>Date</u>

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	0	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement		Sampling time	Carbon Dioxide (%)	Roman
		8:30	0.0418	
Area A	9/6/2022	13:30	0.041	
		15:30	0.0411	
		8:45	0.0419	
Area B	9/6/2022	13:45	0.0414	
		15:45	0.042	
		9:15	0.042	
137 Pit C	9/6/2022	14:15	0.0416	
		16:15	0.0419	
		9:00	0.0419	
137 Pit B	9/6/2022	14:00	0.0416	
		16:00	0.0411	
		9:20	0.0419	
137 Pit A	9/6/2022	14:20	0.0418	
	16:20	0.0414		
		9:45	0.0413	
WPR WF5	9/6/2022	14:45	0.0416	
		16:45	0.0419	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Date of		Date of Sampling time Monitorin	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement	Sampling time	Carbon Dioxide (%)	Kemark	
	9:30	0.0411		
WRP WF4	9/6/2022	14:30	0.0412	
		16:30	0.0415	
		10:00	0.0412	
Pit A	9/6/2022	15:00	0.0415	
		17:00	0.0414	
		10:15	0.0419	
Pit B	Pit B 9/6/2022	15:15	0.042	
		17:15	0.0412	
		10:15	0.0419	
Pit D	9/6/2022	15:15	0.0414	
		17:15	0.0411	

Name & Designation

<u>Signature</u>

<u>Date</u>

9/6/2022

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		8:30	0.041	
Area A	10/6/2022	13:30	0.0413	
7		15:30	0.0414	
		8:45	0.041	
Area B	10/6/2022	13:45	0.042	
		15:45	0.041	
		9:15	0.0413	
137 Pit C	10/6/2022	14:15	0.0417	
	167 1 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16:15	0.042	
		9:00	0.042	
137 Pit B	10/6/2022	14:00	0.0412	
		16:00	0.0413	
		9:20	0.0415	
137 Pit A	10/6/2022	14:20	0.0416	
	16:20	0.0414		
WPR WF5 10/6/2022		9:45	0.0412	
	10/6/2022	14:45	0.042	
		16:45	0.0418	

Name & Designation

<u>Signature</u>

<u>Date</u> 10/6/2022

Field Operator:

Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	i Sambino iime i	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement			Carbon Dioxide (%)	
		9:30	0.0414	
WRP WF4	10/6/2022	14:30	0.042	
		16:30	0.0418	
		10:00	0.0411	
Pit A	10/6/2022	15:00	0.0413	
		17:00	0.0412	
		10:15	0.0413	
Pit B	10/6/2022	15:15	0.0417	
		17:15	0.0418	
		10:15	0.0417	
Pit D	10/6/2022	15:15	0.0411	
		17:15	0.0416	
			·	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		8:30	0.0416	
Area A	11/6/2022	13:30	0.042	
		15:30	0.0415	
		8:45	0.0412	
Area B	11/6/2022	13:45	0.0418	
		15:45	0.0411	
		9:15	0.042	
137 Pit C	11/6/2022	14:15	0.041	
		16:15	0.0414	
		9:00	0.0412	
137 Pit B	11/6/2022	14:00	0.0418	
		16:00	0.0418	
		9:20	0.0412	
137 Pit A	11/6/2022	14:20	0.0413	
		16:20	. 0.0415	
WPR WF5 11/6/2		9:45	0.0417	***************************************
	11/6/2022	14:45	0.0418	
		16:45	0.041	

Name & Designation

<u>Signature</u>

<u>Date</u> 11/6/2022

Field Operator:

Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		9:30	0.0411	- Charles III
WRP WF4	11/6/2022	14:30	0.0413	
		16:30	0.0419	
		10:00	0.042	
Pit A	11/6/2022	15:00	0.0413	
		17:00	0.0414	
		10:15	0.0414	
Pit B	11/6/2022	15:15	0.0412	
		17:15	0.0413	
		10:15	0.041	
Pit D	11/6/2022	15:15	0.0413	
		17:15	0.0418	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		8:30	0.0417	
Area A	13/6/2022	13:30	0.0411	
		15:30	0.0415	
		8:45	0.0418	
Area B	13/6/2022	13:45	0.0417	
		15:45	0.0417	
		9:15	0.0417	
137 Pit C	13/6/2022	14:15	0.0412	
		16:15	0.0414	
		9:00	0.041	
137 Pit B	13/6/2022	14:00	0.0413	
		16:00	0.0414	
		9:20	0.0415	
137 Pit A	13/6/2022	14:20	0.0414	
		16:20	0.0414	
		9:45	0.0419	
WPR WF5	13/6/2022	14:45	0.0418	
		16:45	0.0416	

Name & Designation

<u>Signature</u>

<u>Date</u> 13/6/2022

Field Operator:

Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Measurement Measurement	3	Carbon Dioxide (%)		
		9:30	0.041	
WRP WF4	13/6/2022	14:30	0.0411	
Ì		16:30	0.0419	
		10:00	0.0416	
Pit A	13/6/2022	15:00	0.0412	
		17:00	0.0412	
		10:15	0.0411	
Pit B	13/6/2022	15:15	0.0418	
		17:15	0.0413	
		10:15	0.0416	
Pit D	13/6/2022	15:15	0.0413	
		17:15	0.0411	

Name & Designation Signature Date

Field Operator: Laboratory Staff: Checked by:

Contract no. 13/WSD/16
Mainlaying in Tseung Kwan O
Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		8:30	0.0416	
Area A	14/6/2022	13:30	0.0418	
		15:30	0.0411	
		8:45	0.0418	
Area B	14/6/2022	13:45	0.0413	
		15:45	0.0417	
		9:15	0.042	
137 Pit C	14/6/2022	14:15	0.0414	
		16:15	0.0412	
		9:00	0.0414	
137 Pit B	14/6/2022	14:00	0.0418	
		16:00	0.0414	
		9:20	0.0414	
137 Pit A	14/6/2022	14:20	0.042	
	16:20	0.0416		
WPR WF5 14/6/2022		9:45	0.0413	
	14/6/2022 14:45	14:45	0.0419	
		16:45	0.0411	

Name & Designation

<u>Signature</u>

<u>Date</u> 14/6/2022

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	Compling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement		Sampling time	Carbon Dioxide (%)	Roman
		9:30	0.0411	
WRP WF4	WRP WF4 14/6/2022	14:30	0.042	
		16:30	0.0411	
		10:00	0.042	
Pit A	14/6/2022	15:00	0.0413	
		17:00	0.0417	
		10:15	0.0415	
Pit B 14/6/2022	15:15	0.0417		
		17:15	0.0417	
	10:15	0.0418		
Pit D	14/6/2022	15:15	0.042	
		17:15	0.0416	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Measurement	Camping and	Carbon Dioxide (%)		
		8:30	0.0416	
Area A 15/6/2022	13:30	0.0415		
		15:30	0.0416	
		8:45	0.0411	
Area B	15/6/2022	13:45	0.0413	
		15:45	0.0417	
		9:15	0.042	
137 Pit C	15/6/2022	14:15	0.041	
		16:15	0.041	
		9:00	0.0414	
137 Pit B	15/6/2022	14:00	0.0415	
		16:00	0.0419	
		9:20	0.0412	
137 Pit A	15/6/2022	14:20	0.0418	
		16:20	0.041	
WPR WF5		9:45	0.0417	
	15/6/2022	14:45	0.0417	
		16:45	0.0417	

Name & Designation

<u>Signature</u>

<u>Date</u> 15/6/2022

Field Operator: Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	0 time o	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement	Sampling time	Carbon Dioxide (%)	reman	
		9:30	0.0415	
WRP WF4 15/6/2022	15/6/2022	14:30	0.0415	
		16:30	0.0415	
		10:00	0.041	
Pit A	15/6/2022	15:00	0.042	
		17:00	0.0413	
Pit B 15/6/2022		10:15	0.0414	
		15:15	0.0417	
		17:15	0.0414	
Pit D 15/6/2022		10:15	0.0413	
	15/6/2022	15:15	0.0417	
	17:15	0.0414		

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		8:30	0.0411	
Area A	16/6/2022	13:30	0.041	
		15:30	0.042	
		8:45	0.0411	
Area B	16/6/2022	13:45	0.0419	
		15:45	0.0419	
		9:15	0.0415	
137 Pit C	16/6/2022	14:15	0.0416	
		16:15	0.0419	
		9:00	0.0412	
137 Pit B	16/6/2022	14:00	0.0411	
		16:00	0.0412	
		9:20	0.0417	
137 Pit A	137 Pit A 16/6/2022 14:20	14:20	0.0416	
		16:20	0.0414	
WPR WF5 16/6/2		9:45	0.0412	
	16/6/2022	14:45	0.0417	
		16:45	0.0419	

Name & Designation

<u>Signature</u>

<u>Date</u> 16/6/2022

Field Operator:

Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

0.0418 0.0415 0.0416 0.0416 0.0414
0.0416 0.0416
0.0416
0.0414
0.0416
0.0413
0.0411
0.0413
0.0416
0.0418
0.0412

Name & Designation Signature Date

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	Committee time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement		Sampling time	Carbon Dioxide (%)	Kemark
		8:30	0.0413	
Area A	17/6/2022	13:30	0.0417	
		15:30	0.0412	
		8:45	0.0419	
Area B	17/6/2022	13:45	0.0411	
		15:45	0.041	
		9:15	0.0414	
137 Pit C	17/6/2022	14:15	0.0412	
		16:15	0.0414	
		9:00	0.0413	
137 Pit B	17/6/2022	14:00	0.0419	
		16:00	0.041	
		9:20	0.0414	
137 Pit A	137 Pit A 17/6/2022 14:20 16:20	0.0416		
		0.0416		
		9:45	0.041	
WPR WF5	17/6/2022	14:45	0.0417	
		16:45	0.041	

Name & Designation

Signature

<u>Date</u> 17/6/2022

Field Operator: Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location Date of Measurement		Onnealing time	Monitoring wells/ Surface Gas Emission	Remark
		Sampling time	Carbon Dioxide (%)	Remark
		9:30	0.042	
WRP WF4	17/6/2022	14:30	0.0416	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	16:30	0.0411		
		10:00	0.0417	
Pit A	17/6/2022	15:00	0.0412	
		17:00	0.0416	
		10:15	0.0411	
Pit B 17/6/2022	17/6/2022	15:15	0.0418	
		17:15	0.0414	
		10:15	0.0413	
Pit D	17/6/2022	15:15	0.0417	
	17:15	0.0415		

Name & Designation Signature

Field Operator: Laboratory Staff: Checked by: 17/6/2022

<u>Date</u>

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location Date of Measurement		Compling time	Monitoring wells/ Surface Gas Emission	Remark
		Sampling time	Carbon Dioxide (%)	r coman.
		8:30	0.0414	
Area A	18/6/2022	13:30	0.0413	
		15:30	0.0419	
		8:45	0.041	
Area B	18/6/2022	13:45	0.0415	
		15:45	0.042	
		9:15	0.0415	
137 Pit C 18/6/2022	14:15	0.0414		
		16:15	0.0414	
		9:00	0.0414	
137 Pit B	18/6/2022	14:00	0.0412	
	16:00	0.0415		
		9:20	0.041	
137 Pit A	18/6/2022	14:20	0.042	
	16:20	0.0419		
		9:45	0.0417	
WPR WF5	18/6/2022	14:45	0.0414	
		16:45	0.0419	

Name & Designation

<u>Signature</u>

<u>Date</u> 18/6/2022

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of Sampling time Monitoring wells/ S	Monitoring wells/ Surface Gas Emission	Remark	
Sampling Location Measurement		Sampling unle	Carbon Dioxide (%)	Kerrark
		9:30	0.0417	
WRP WF4	18/6/2022	14:30	0.0412	
		16:30	0.042	
		10:00	0.0418	
Pit A	18/6/2022	15:00	0.0411	
		17:00	0.0413	
		10:15	0.041	
Pit B	Pit B 18/6/2022	15:15	0.041	
		17:15	0.042	
		10:15	0.0413	
Pit D	18/6/2022	15:15	0.0416	
		17:15	0.0415	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Contract no. 13/WSD/16 Mainlaying in Tseung Kwan O Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location Date of Measurement		O-maline fire-	Monitoring wells/ Surface Gas Emission	Remark
		Sampling time	Carbon Dioxide (%)	rtomant
		8:30	0.0416	
Area A	20/6/2022	13:30	0.0418	
		15:30	0.0416	
		8:45	0.042	
Area B	20/6/2022	13:45	0.0411	
		15:45	0.042	
		9:15	0.0412	
137 Pit C 20/6/2022	14:15	0.0411		
	2575,252	16:15	0.0414	
		9:00	0.0414	
137 Pit B	20/6/2022	14:00	0.0411	
107 1 112	107 1 16 2	16:00	0.0413	
		9:20	0.0412	
137 Pit A	20/6/2022	14:20	0.0417	
	16:20	0.0413		
		9:45	0.0419	
WPR WF5	20/6/2022	14:45	0.0417	
Wi it will be	16:45	0.0419		

Name & Designation

<u>Date</u> 20/6/2022

Field Operator: Laboratory Staff: Checked by:

<u>Signature</u>

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		9:30	0.0417	
WRP WF4	20/6/2022	14:30	0.0418	
		16:30	0.0413	
		10:00	0.041	
Pit A	20/6/2022	15:00	0.0414	
		17:00	0.0413	
		10:15	0.041	
Pit B	Pit B 20/6/2022	15:15	0.0415	
		17:15	0.0413	
		10:15	0.0412	
Pit D	20/6/2022	15:15	0.041	
		17:15	0.041	

Name & Designation

Signature

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location Date of Measurement		Compling fires	Monitoring wells/ Surface Gas Emission	Remark
		Sampling time	Carbon Dioxide (%)	Remark
		8:30	0.0417	
Area A	21/6/2022	13:30	0.0416	
		15:30	0.0415	
		8:45	0.0418	
Area B	21/6/2022	13:45	0.0416	
		15:45	0.0419	
		9:15	0.042	
137 Pit C 21/6/2022	14:15	0.0413		
	16:15	0.0415		
		9:00	0.0415	
137 Pit B	21/6/2022	14:00	0.0411	
	16:00	0.0412		
		9:20	0.041	
137 Pit A	21/6/2022	14:20	0.0414	
	16:20	0.0413		
		9:45	0.0416	
WPR WF5 21/6/2022	21/6/2022	14:45	0.042	
		16:45	0.0415	

Name & Designation

<u>Signature</u>

<u>Date</u> 21/6/2022

Field Operator: Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement	Oampling time	Carbon Dioxide (%)	
	9:30	0.0417	
21/6/2022	14:30	0.0411	
	16:30	0.0412	
	10:00	0.0414	
21/6/2022	15:00	0.042	
	17:00	0.0418	
	10:15	0.042	
Pit B 21/6/2022	15:15	0.0414	
	17:15	0.0418	
	10:15	0.0415	
21/6/2022	15:15	0.0418	
	17:15	0.0412	
	Measurement 21/6/2022	Measurement Sampling time 9:30 14:30 16:30 10:00 21/6/2022 15:00 17:00 10:15 21/6/2022 15:15 10:15 10:15 21/6/2022 15:15	Measurement Sampling time Carbon Dioxide (%) 21/6/2022 9:30 0.0417 21/6/2022 14:30 0.0411 16:30 0.0412 10:00 0.0414 21/6/2022 15:00 0.042 17:00 0.0418 21/6/2022 15:15 0.0414 10:15 0.0418 21/6/2022 15:15 0.0418

Name & Designation Signature Date

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
		8:30	0.042	
Area A	22/6/2022	13:30	0.0412	
		15:30	0.0419	
		8:45	0.0414	
Area B	22/6/2022	13:45	0.0419	
		15:45	0.0411	
		9:15	0.0417	
137 Pit C	22/6/2022	14:15	0.0412	
		16:15	0.0414	
	9:00 0.0414			
137 Pit B	22/6/2022	14:00	0.0412	
		16:00	0.0413	
		9:20	0.0411	
137 Pit A	22/6/2022	14:20	0.0413	
		16:20	0.0415	
		9:45	0.041	
WPR WF5 22/6/2	22/6/2022	14:45	0.0411	
		16:45	0.0417	

Name & Designation

<u>Signature</u>

<u>Date</u> 22/6/2022

Field Operator:

Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	Comming time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement	Sampling time	Carbon Dioxide (%)	remark	
		9:30	0.0416	
WRP WF4	22/6/2022	14:30	0.0415	
		16:30	0.0419	
		10:00	0.0412	
Pit A	22/6/2022	15:00	0.0418	
		17:00	0.0416	
		10:15	0.0416	
Pit B	Pit B 22/6/2022	15:15	0.0411	
		17:15	0.0411	
		10:15	0.0414	
Pit D	22/6/2022	15:15	0.0416	
		17:15	0.0414	

Name & Designation Signature Date

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Olilti	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement		Sampling time	Carbon Dioxide (%)	
		8:30	0.0418	
Area A	23/6/2022	13:30	0.0414	
		15:30	0.0418	
		8:45	0.0417	
Area B	23/6/2022	13:45	0.042	
		15:45	0.0413	
		9:15	0.0413	
137 Pit C	23/6/2022	14:15	0.0416	
		16:15	0.0412	
		9:00	0.0411	
137 Pit B	23/6/2022	14:00	0.0418	
		16:00	0.041	
		9:20	0.0417	
137 Pit A	23/6/2022	14:20	0.0416	
10111111		16:20	0.0411	
WPR WF5 23		9:45	0.0419	
	23/6/2022	23/6/2022 14:45 0.042		
		16:45	0.0417	

Name & Designation

<u>Signature</u>

<u>Date</u> 23/6/2022

Field Operator: Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
5 3.1. [Measurement		Carbon Dioxide (%)	
		9:30	0.0416	
WRP WF4	23/6/2022	14:30	0.0419	
		16:30	0.0417	
		10:00	0.0414	
Pit A	23/6/2022	15:00	0.0411	
		17:00	0.0413	
		10:15	0.0413	
Pit B	23/6/2022	15:15	0.0415	
1 10		17:15	0.0413	
		10:15	0.0414	
Pit D	23/6/2022	15:15	0.0418	
2		17:15	0.0416	

Name & Designation Signature Date

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

O line la satira	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement		Sampling time	Carbon Dioxide (%)	Remark
		8:30	0.041	
Area A	24/6/2022	13:30	0.0412	
		15:30	0.0417	
		8:45	0.0415	
Area B	24/6/2022	13:45	0.0416	
		15:45	0.0412	
	9:15	0.0413		
137 Pit C	24/6/2022	14:15	0.0416	
		16:15	0.0417	
		9:00	0.0419	
137 Pit B	24/6/2022	14:00	0.0414	
		16:00	0.041	
		9:20	0.0418	
137 Pit A	24/6/2022	14:20	0.042	
		16:20	0.0414	
		9:45	0.0411	
WPR WF5 2-	24/6/2022	14:45	0.041	
		16:45	0.0415	

Name & Designation

<u>Signature</u>

<u>Date</u> 24/6/2022

Field Operator:

Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	Compling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement	Sampling time	Carbon Dioxide (%)	r coman	
		9:30	0.0413	
WRP WF4	24/6/2022	14:30	0.0413	
		16:30	0.0412	
		10:00	0.0418	
Pit A	24/6/2022	15:00	0.0416	
		17:00	0.0415	
		10:15	0.0412	
Pit B	Pit B 24/6/2022	15:15	0.042	
		17:15	0.0418	
		10:15	0.0415	
Pit D	24/6/2022	15:15	0.0412	
		17:15	0.0412	

Name & Designation

<u>Signature</u>

<u>Date</u>

24/6/2022

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of Measurement	Sampling time	Monitoring wells/ Surface Gas Emission Carbon Dioxide (%)	Remark
	Wicadaromone	8:30	0.041	
Area A	25/6/2022	13:30	0.042	
7110471	20/0/20	15:30	0.0419	
		8:45	0.0418	
Area B	25/6/2022	13:45	0.042	
, ,, , , ,		15:45	0.0419	
		9:15	0.0413	
137 Pit C 25/6/2022	14:15	0.0417		
		16:15	0.0419	
		9:00	0.0417	
137 Pit B	25/6/2022	14:00	0.0414	
		16:00	0.0416	
		9:20	0.042	
137 Pit A	25/6/2022	14:20	0.0414	
10, 1 11, 11	16:20	0.0416		
		9:45	0.0418	
WPR WF5 25/6/2022	25/6/2022	14:45	0.042	
		16:45	0.0419	

Name & Designation

<u>Signature</u>

<u>Date</u> 25/6/2022

Field Operator: Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Measurement Measurement			Carbon Dioxide (%)	
		9:30	0.042	
WRP WF4	25/6/2022	14:30	0.0415	
		16:30	0.0412	
		10:00	0.0417	
Pit A	25/6/2022	15:00	0.0412	
		17:00	0.042	
		10:15	0.041	
Pit B	Pit B 25/6/2022	15:15	0.041	
2		17:15	0.0416	
		10:15	0.0417	
Pit D	25/6/2022	15:15	0.042	
		17:15	0.0417	

Name & Designation Signature Date

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	Compliant fire	Monitoring wells/ Surface Gas Emission	Remark	
Sampling Location Measurement		Sampling time	Carbon Dioxide (%)	(%)	
		8:30	0.041		
Area A	27/6/2022	13:30	0.042		
		15:30	0.0412		
		8:45	0.0416		
Area B	27/6/2022	13:45	0.0419		
		15:45	0.0419		
		9:15	0.0419		
137 Pit C	137 Pit C 27/6/2022	14:15	0.041		
		16:15	0.0412		
		9:00	0.0413		
137 Pit B	27/6/2022	14:00	0.0418		
		16:00	0.0411		
		9:20	0.0414		
137 Pit A	27/6/2022	14:20	0.0411		
10, 7 k/ = 1111111	16:20	0.0416			
		9:45	0.0417		
WPR WF5 27/6/2022	27/6/2022	14:45	0.0411		
		16:45	0.0412		

Name & Designation

<u>Signature</u>

<u>Date</u> 27/6/2022

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location	Sampling Location Measurement		Carbon Dioxide (%)	T COLLEGE
		9:30	0.0419	
WRP WF4	27/6/2022	14:30	0.0418	
		16:30	0.0411	
		10:00	0.042	
Pit A	27/6/2022	15:00	0.0419	
		17:00	0.0415	
		10:15	0.0411	
Pit B	Pit B 27/6/2022	15:15	0.0413	
		17:15	0.0415	
		10:15	0.0414	
Pit D	27/6/2022	15:15	0.0413	
		17:15	0.0411	

Name & Designation

<u>Signature</u>

<u>Date</u>

27/6/2022

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Consuling Location Date of		Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement		Sampling time	Carbon Dioxide (%)	Keman
		8:30	0.0416	
Area A	28/6/2022	13:30	0.0417	
		15:30	0.0414	
		8:45	0.041	
Area B	28/6/2022	13:45	0.0416	
		15:45	0.041	
		9:15	0.0414	
137 Pit C 28/6/2022	14:15	0.0417		
	1071110	16:15	0.0413	
		9:00	0.0417	
137 Pit B	28/6/2022	14:00	0.0415	
		16:00	0.0417	
		9:20	0.0414	
137 Pit A	28/6/2022	14:20	0.041	
	16:20	0.0411		
		9:45	0.042	
WPR WF5 28/6/2022	28/6/2022	14:45	0.041	
		16:45	0.0416	

Name & Designation

<u>Signature</u>

<u>Date</u> 28/6/2022

Field Operator: Laboratory Staff:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Committee Leasting	Date of	Sampling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement		Carbon Dioxide (%)		
		9:30	0.0411	
WRP WF4	28/6/2022	14:30	0.0418	
		16:30	0.0414	
		10:00	0.0412	
Pit A	28/6/2022	15:00	0.0413	
1.1.1		17:00	0.0411	
		10:15	0.0416	
Pit B 28/6/2022	15:15	0.0415		
		17:15	0.0418	
		10:15	0.0413	
Pit D	28/6/2022	15:15	0.0413	
		17:15	0.0417	

Name & Designation Signature Date

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of	Compling time	Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement	Sampling time	Carbon Dioxide (%)	Keman	
		8:30	0.0414	
Area A 29/6/2022	13:30	0.0415		
		15:30	0.041	
		8:45	0.0413	
Area B	29/6/2022	13:45	0.0413	
		15:45	0.0416	
	10000	9:15	0.0417	
137 Pit C	29/6/2022	14:15	0.0419	
		16:15	0.0417	
		9:00	0.0411	
137 Pit B	29/6/2022	14:00	0.042	
		16:00	0.0418	
		9:20	0.0415	
137 Pit A	29/6/2022	14:20	0.042	
	16:20	0.0419		
WPR WF5 29/6/2022		9:45	0.0415	
	29/6/2022	14:45	0.0415	
		16:45	0.042	

Name	ጴ	Design	nation
Name	_	DOOLG	1000011

<u>Signature</u>

<u>Date</u> 29/6/2022

Field Operator: Laboratory Staff: Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location Date of Measurement	Date of	Compling tires	Monitoring wells/ Surface Gas Emission	Remark
	Sampling time	Carbon Dioxide (%)	Remark	
		9:30	0.0413	
WRP WF4 29/6/2022	14:30	0.0414		
	16:30	0.0419		
		10:00	0.0412	
Pit A	29/6/2022	15:00	0.0414	
		17:00	0.0413	
		10:15	0.0418	
Pit B 29/6/2022	15:15	0.0413		
		17:15	0.0418	
		10:15	0.0414	
Pit D	29/6/2022	15:15	0.041	
		17:15	0.041	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by:

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

	Date of		Monitoring wells/ Surface Gas Emission	Remark
Sampling Location Measurement	Sampling time	Carbon Dioxide (%)	Noman	
		8:30	0.0415	
Area A	30/6/2022	13:30	0.0416	
·		15:30	0.0411	
		8:45	0.0417	
Area B	30/6/2022	13:45	0.042	
		15:45	0.0412	
137 Pit C 30/6/2022		9:15	0.0413	
	30/6/2022	14:15	0.0412	
	10.1.1.0	16:15	0.041	
		9:00	0.0415	
137 Pit B	30/6/2022	14:00	0.0416	
		16:00	0.042	
		9:20	0.0417	
137 Pit A	30/6/2022	14:20	0.0418	
, , , , , , , , , , , , , , , , , , , ,	16:20	0.0417		
		9:45	0.042	
WPR WF5 30/6/202	30/6/2022	14:45	0.041	
		16:45	0.0412	

Name & Designation

<u>Date</u> 30/6/2022

Field Operator: Laboratory Staff: Checked by:

<u>Signature</u>

Mainlaying in Tseung Kwan O

Penta-Ocean - Concentric Joint Venture

Landfill Gas Monitoring - Field Measurement Recording Sheet

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

Sampling equipment used:	Dates calibrated
CO2 Analyzer, 1307H, 200901259	15/11/2021

Sampling Location Date of Measurement	Date of	Complianting	Monitoring wells/ Surface Gas Emission	Remark
	Sampling time	Carbon Dioxide (%)	Neman	
		9:30	0.041	
WRP WF4	WRP WF4 30/6/2022	14:30	0.0411	
		16:30	0.0419	
		10:00	0.0416	
Pit A	30/6/2022	15:00	0.0413	
		17:00	0.0414	
		10:15	0.0412	
Pit B	Pit B 30/6/2022	15:15	0.0417	
		17:15	0.0416	
		10:15	0.0413	
Pit D	30/6/2022	15:15	0.041	
2	00,0,2022	17:15	0.0419	

Name & Designation

<u>Signature</u>

<u>Date</u>

Field Operator:

Laboratory Staff:

Checked by: