



Water Supplies Department
New Works Branch
Construction Division
11 Tai Yip Lane
Kowloon Bay
Kowloon
Hong Kong

Your reference:

Our reference: HKWSD201/50/107829

Date: 17 February 2022

Attention: Mr Hivan Cheng

BY POST

Dear Sirs

Quotation No.: WQ/17/A071
Independent Environmental Checker for Water Supplies Department
– Proposed Desalination Plant in TKO Area 137 for Contract No. 13/WSD/16
Verification of 13th Quarterly EM&A Report for August 2021 to October 2021

We refer to email of 14 February 2022 attaching 13th Quarterly EM&A Report for August 2021 to October 2021 for the captioned project prepared by the ET.

We have no comment and hereby verify the captioned report in accordance with Clause 3.5 of the Environmental Permit no. EP-503/2015/A.

Should you have any queries regarding the above, please do not hesitate to contact the undersigned or our Mr Louis Kwan on 2618 2831.

Yours faithfully
ANewR CONSULTING LIMITED

James Choi
Independent Environmental Checker

CPSJ/KSYL/lsm



水務署



Water Supplies Department

Contract No. 13/WSD/16

Mainlaying in Tseung Kwan O

**13th Quarterly EM&A Report
For Aug 2021 to Oct 2021**

November 2021
(Rev. 0)

	Prepared by:	Certified by:
Name	Charlene Lai	Jacky Leung
Position	Environmental Team	Environmental Team Leader
Signature		
Date:	27 November 2021	27 November 2021

Revision History

0	1 st Submission	27 Nov 2021
Rev.	DESCRIPTION OF MODIFICATION	DATE

CONTENT

EXECUTIVE SUMMARY

1. BASIC PROJECT INFORMATION	1
2. NOISE MONITORING.....	6
3. WASTE MANAGEMENT	6
4. SUMMARY OF MONITORING EXCEEDANCE, COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTIONS.....	6
5. EM&A SITE INSPECTION.....	7
6. LANDFILL GAS MONITORING	9
7. CONCLUSION AND RECOMMENDATIONS.....	10

Appendix A	Overview of Mainlaying in TKO
Appendix B	Project Organization Chart
Appendix C	Construction Programme
Appendix D	Layout of Major Construction Works Undertaken during the Reporting Quarter
Appendix E	Waste Flow Table
Appendix F	Summary of Implementation Status of Environmental Mitigation
Appendix G	Action and Limit Level for Noise and Landfill Gas
Appendix H	Landfill Gas Monitoring Results
Appendix I	Complaint Log and Regulatory Compliance Proforma
Appendix J	Noise Impact Monitoring Results
Appendix K	Academic School Calander

EXECUTIVE SUMMARY

- A1. Penta-Ocean - Concentric Joint Venture (POCJV) is contracted to carry out the Mainlaying in Tseung Kwan O under Contract No. 13/WSD/16 (hereinafter known as “the Project”).
- A2. In accordance with the Environmental Monitoring and Audit (EM&A) Manual for the Project, EM&A works should be carried out by Environmental Team (ET), Acuity Sustainability Consulting Limited (ASCL), during the construction phase of the Project.
- A3. The construction works of Mainlaying in Tseung Kwan O were commenced on 30 August 2018. This is the 13th quarterly Environmental Monitoring and Audit (EM&A) summary Report prepared by ASCL. This report presents the EM&A works carried out during the period of 1 Aug 2021 to 31 Oct 2021.
- A4. A summary of the monitoring activities undertaken in this reporting period is listed below:

Monitoring Activities	Frequency
Daytime Noise monitoring	11 times
Landfill Gas Monitoring	2010 times
Environmental Site Inspection	13 times

- A5. No project-related exceedance of the Action/Limit Level was recorded during the reporting quarter.
- A6. 11 times of noise impact monitoring were conducted on 4, 13, 19 and 25/08/2021, 2, 10, 16, 23 and 30/09/2021 and 21 and 29/10/2021 at NSR4 Creative Secondary School since projected-related construction activities were undertaken within a radius of 300m from the monitoring location.
- A7. The impact noise monitoring scheduled on 8th and 13th October 2021 were cancelled as the Main Contractor confirmed that no construction works were conducted at the work portion (Pit WPR1) which located within 300 metres from NSR4 Creative Secondary School.
- A8. No exceedance of landfill gas monitoring was recorded during the reporting quarter.
- A9. No project-related environmental complaint was received in the reporting quarter.
- A10. No summons/ prosecutions were received in the reporting quarter.
- A11. There were no changes to be reported that may affect the on-going EM&A programme.

1 Basic Project Information

1.1.1 Background

1.1.2 The proposed Desalination Plant at Tseung Kwan O (DPTKO) will produce potable water with an initial capacity of 135 million liters per day (MLD), expandable to an ultimate capacity of 270 MLD in the future to provide a secure and alternative fresh water resource complying with the World Health Organization (WHO) standards. The plant will adopt the Seawater Reverse Osmosis (SWRO) technology, which dominates the market due to its reliability and progressive reduction in cost as the technology advances.

1.1.3 Pursuant to the Environmental Impact Assessment Ordinance (EIAO), the Director of Environmental Protection granted the Variation of Environmental Permit (No. EP-503/2015/A) to Water Supplies Department (WSD) for the Project on 26 January 2018.

1.1.4 The scope of the Contract may be considered in brief, to consist of the laying of about 10km long 1200mm diameter fresh water mains and the associated works along the alignment of the Project as shown with the overall view in **Appendix A**.

1.1.5 The Reporting Scope

1.1.6 This is the 13th Quarterly EM&A Report for the Project which summarizes the key findings of the EM&A programme during the reporting period from 1 Aug 2021 to 31 Oct 2021.

1.1.7 The Project Organization structure for the Construction Phase is presented in **Appendix B**.

1.1.8 Contact details of the key personnel are presented in **Table 1.1** below:

Table 1.1 Contact Details of Key Personnel

Party	Position	Name	Telephone no.
Penta-Ocean - Concentric Joint Venture	Environmental Officer	Calvin Chik	9863-5630
Acuity Sustainability Consulting Limited	Environmental Team Leader	Jacky Leung	2698-6833
ANewR Consulting Limited	Independent Environmental Checker	James Choi	2618-2831

1.1.9 Summary of Construction Works

1.1.10 Details of the major construction works undertaken in this reporting quarter are shown in **Table 1.2** and **Appendix D**. The construction programme is presented in **Appendix C**.

Table 1.2 Summary of the Construction Works Undertaken during the Reporting quarter

Location	Location	Works Conducted in the reporting month
Portion H of the Project Site	TKO 137 Pit B	<ul style="list-style-type: none"> Remedial works for TBM pipe jacking were conducted. Pipe jacking by TBM was conducted.
Portion J of the Project Site	Wan Po Rd – Workfront 1	<ul style="list-style-type: none"> Pipe trench excavation and pipe laying works were conducted.
	Wan Po Rd – Workfront 2	<ul style="list-style-type: none"> Pipe trench excavation and pipe laying works were conducted.
	Wan Po Rd – Workfront 3	<ul style="list-style-type: none"> Pipe trench excavation and pipe laying works were conducted.
	Wan Po Rd – Workfront 4	<ul style="list-style-type: none"> Pipe trench excavation and pipe laying works were conducted.
	Wan Po Rd – Pit A	<ul style="list-style-type: none"> Pit excavation and ELS works were conducted.
	Wan Po Rd – Pit B	<ul style="list-style-type: none"> Pit excavation works were conducted. Grouting works were in-progress. Preparation works for TBM pipe jacking were conducted.
	Wan Po Rd – Pit D	<ul style="list-style-type: none"> Pit excavation and ELS works were in-progress.
	Landfill Stage 1 – Area A	<ul style="list-style-type: none"> Construction works for 900HSV chamber were conducted. Pipe trench excavation and pipe laying were in-progress.
	Pet Garden’s Road	<ul style="list-style-type: none"> Trench excavation and pipe laying were conducted.
	Landfill Stage 1 – Area B	<ul style="list-style-type: none"> Trench excavation and pipe laying were conducted.
	Pung Loi Road – Pit WPR1	<ul style="list-style-type: none"> Tree felling works were conducted.
	Cycle Track – Workfront 1	<ul style="list-style-type: none"> Trench excavation and pipe laying were conducted.
	Cycle Track – Workfront 2	<ul style="list-style-type: none"> Trench excavation and pipe laying were conducted.
	Roundabout – Pit G1A	<ul style="list-style-type: none"> Demolishing works for road planter were conducted. Sheet piling works for trenchless working pit were conducted. Pit excavations and ELS works were conducted.
	Roundabout – Pit J1A	<ul style="list-style-type: none"> Trenchless works by hand-shield were conducted.

Location	Location	Works Conducted in the reporting month
	Velodrome – Pit L-M	<ul style="list-style-type: none"> Trench excavation and pipe laying were conducted.
	Velodrome – Pit M	<ul style="list-style-type: none"> Rescue pit construction works were conducted. Hand-shield pipe jacking works were conducted.
	Velodrome – Pit N-O	<ul style="list-style-type: none"> Trial trench for alternative method was conducted.
	Velodrome – Pit P	<ul style="list-style-type: none"> Pipe jacking preparation works were conducted.
	Mau Wu Tsai – Workfront 1	<ul style="list-style-type: none"> Trench excavation and pipe laying works were conducted. Construction works of Washout Chamber were conducted.
	Mau Wu Tsai – Workfront 2	<ul style="list-style-type: none"> Laying of branch pipe was conducted.
	Ling Hong Road - Pit Y	<ul style="list-style-type: none"> Excavation and ELS works for pit Construction were conducted. Pipe laying works in-between Pit R to Pit Y were conducted.
	Ling Hong Road - Pit R	<ul style="list-style-type: none"> Excavation and ELS works for pit Construction were conducted. Trenchless hand-shield pipe jacking was conducted. Pipe laying works in-between Pit R to Pit Y were conducted.
	Po Lam Road South Stage-1	<ul style="list-style-type: none"> Trench excavation and pipe laying were conducted. Trench backfilling and reinstatement works were conducted.
	Po Lam Road (A0)	<ul style="list-style-type: none"> Concrete carriageway reinstatement works were conducted.
	Po Lam Road (D1)	<ul style="list-style-type: none"> Trench backfilling and reinstatement works were conducted.
	Po Lam Road (B5)	<ul style="list-style-type: none"> Trench excavation and pipe laying works were conducted. Trench backfilling and reinstatement works were conducted.
	Po Lam Road (A1)	<ul style="list-style-type: none"> Trench excavation and pipe laying works were conducted. Trench backfilling and reinstatement works were conducted.
	Tsui Lam Road	<ul style="list-style-type: none"> Trai pit works were conducted.
	TKO Primary Service Reservoir	<ul style="list-style-type: none"> Trench excavation and pipe laying works were conducted. Trai pit works were conducted.

1.1.11 Summary of Environmental Status

1.1.12 A summary of the valid permits, licences, and /or notifications on environmental protection for this Project is presented in **Table 1.3**.

Table 1.3 Summary of the Status of Valid Environmental Licence, Notification, Permit and Documentations

Permit/ Licences/ Notification	Reference	Validity Period	Remarks
Variation of Environmental Permit	EP no.: EP-503/2015/A	Throughout the Contract	-
Notification of Construction Works under the Air Pollution Control (Construction Dust) Regulation (Form NA)	Ref no.: 423775	Throughout the Contract	-
Chemical Waste Producer Registration	WPN: 5213-839-P3287-01	Throughout the Contract	-
Billing Account for Disposal of Construction Waste	A/C no.: 7029491	Throughout the Contract	-
Water Discharge License	WT00032336-2018	Until 31 Dec 2023	-
Construction Noise Permit (Hong Kong Velodrome)	GW-RE0494-21	From 17 May 2021 until 16 November 2021	-
Construction Noise Permit (Tseung Kwan O Area 137, N.T.)	GW-RE0383-21	From until 1 May 2021 30 September 2021	-
Construction Noise Permit (Wan Po Road, Wan O Road and Chun Yat Street)	GW-RE0277-21	From 31 March 2021 until 30 September 2021	-

1.1.13 The status for all environmental aspects is presented **Table 1.4**.

Table 1.4 Summary of Status for Key Environmental Aspects under the EM&A Manual

Parameters	Status
Noise	
Baseline Monitoring	The baseline noise monitoring result has been reported in Baseline Monitoring Report and submitted to EPD under VEP Condition 3.4
Impact Monitoring	11 times of noise impact monitoring were conducted on 4, 13, 19 and 25/08/2021, 2, 10, 16, 23 and 30/09/2021 and 21 and 29/10/2021 at NSR4 Creative Secondary School since projected-related construction activities were undertaken within a radius of 300m from the monitoring location
Waste Management	
Mitigation Measures in Waste Monitoring Plan	On-going
Landfill Gas Monitoring	
Mitigation Measures	On-going

Parameters	Status
Monitoring	On-going
Environmental Audit	
Site Inspection	On-going

- 1.1.14 Other than the EM&A works by ET, regular environmental management meetings were conducted in order to enhance environmental awareness and closely monitor the environmental performance of the contractors.
- 1.1.15 The EM&A programme has been implemented in accordance with the recommendations presented in the approved EIA Report and the EM&A Manual. A summary of implementation status of the environmental mitigation measures for the construction phase of the Project during the reporting period is provided in **Appendix F**.

2 Noise Monitoring

- 2.1.1 Referring to EM&A manual Section 4.1.2, the impact noise monitoring should be carried out at all the designated monitoring stations when there are project-related construction activities undertaken within a radius of 300m from the monitoring stations.
- 2.1.2 11 times of noise impact monitoring were conducted on 4, 13, 19 and 25/08/2021, 2, 10, 16, 23 and 30/09/2021 and 21 and 29/10/2021 at NSR4 Creative Secondary School since projected-related construction activities were undertaken within a radius of 300m from the monitoring location.
- 2.1.3 The impact noise monitoring scheduled on 8th and 13th October 2021 were cancelled as the Main Contractor confirmed that no construction works were conducted at the work portion (Pit WPR1) which located within 300 metres from NSR4 Creative Secondary School.
- 2.1.4 No examination was scheduled in the reporting quarter for NSR4 Creative Secondary School .
- 2.1.5 Detailed monitoring results are presented in **Appendix J**. Academic School calander for the reporting quarter was presented in **Appendix K**.
- 2.1.6 No notification of summons and prosecution related to noise was received in the reporting quarter.
- 2.1.7 No noise project-related complaints were received in the reporting quarter.

3 Waste Management

- 3.1.1 A total of 5.664 m³ of inert C&D materials was collected to the Fill Bank, 0.004 m³ C&D waste and general refuse were disposed of at Landfill, 0.127 tonnes of paper/ cardboard packaging was recycled and 0 tonnes chemical waste collected by licensed contractor for disposal in the reporting quarter. Waste Flow Table is shown in **Appendix E**.

4 Summary of Monitoring Exceedance, Complaints, Notification of Summons and Prosecutions

- 4.1.1 No project-related environmental complaints was received in the reporting quarter.

5 EM&A Site Inspection

5.1.1 Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures under the Contract. In the reporting quarter, site inspections were carried out on 5, 13, 20 and 27 August 2021, 2, 10, 17, 24 and 30 September 2021, and 8, 15, 21 and 27 October 2021 at the site portions list in **Table 5.1** below.

Table 5.1 Site Inspection Record

Date	Inspected Site Portion	Time
5, 13, 20 and 27 August 2021, 2, 10, 17, 24 and 30 September 2021, and 8, 15, 21 and 27 October 2021	Portion F and J	9:15 am – 12:00 pm

5.1.2 Three joint site inspections with IEC was carried out on 27 August 2021, 24 September 2021 and 21 October 2021.

5.1.3 Minor deficiencies were observed during weekly site inspection. Key observations during the site inspections are summarized in **Table 5.2**.

Table 5.2 Site Observations

Date	Environmental Observations	Follow-up Status
05 August 2021	<ol style="list-style-type: none"> Gully was not protected by sandbags and geo-textile at Wan Po Road 1 and Wan Po Road 4. The Main Contractor was reminded that all wastewater should be properly treated before discharge to drainage systems at Wan Po Road 1 and Wan Po Road 2. Construction boundary was not protected by sandbags fully at Wan Po Road 4. Environmental permit was not observed at Wan Po Road 4. 	<ol style="list-style-type: none"> Gully was protected by sandbags and geo-textile. There was no wastewater being discharged from the site. Construction boundary was protected by sandbags fully. Environmental permit was added.
13 August 2021	<ol style="list-style-type: none"> Construction boundary was not protected by sandbags at Wan Po Road 1. Dusty materials were found directly next to the water barriers at Wan Po Road 1. These materials should be removed to prevent the escape of the materials to the area outside boundary at Wan Po Road. Gully was not protected by geo-textile and sandbags at Wan Po Road 1. 	<ol style="list-style-type: none"> Construction boundary was protected by sandbags. Dusty materials were cleaned. Gully was protected by geo-textile and sandbags There was no wastewater being discharged from the site.

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date	Environmental Observations	Follow-up Status
	4. The Main Contractor was reminded that all wastewater should be treated before discharge at Wan Po Road 1.	
20 August 2021	1. Chemicals were observed not placed in a drip tray at Hong Kong Velodrome (Pit P).	1. Chemicals were removed in a drip tray.
27 August 2021	No observations were recorded on the respective day.	
02 September 2021	1. Chemical was observed not placed in a drip tray at Wan Po Road 4. 2. Dusty materials were observed placing next to the water barriers. These materials should be removed to prevent the escape of these materials from the construction site at Wan Po Road 4 and Mau Wu Tsai Abandoned Road. 3. Dusty materials and trapped general wastes were observed in the drainage channel. These materials should be cleaned to allow efficient discharge at Mau Wu Tsai Abandoned Road.	1. Chemical was placed in a drip tray. 2. These materials were removed. 3. Dusty materials and trapped general wastes were cleaned.
10 September 2021	1. Gully was not protected by sandbags and goe-textile at Hong Kong Velodrome Pit P. 2. Regular cleaning of drainage channel should be conducted at Hong Kong Velodrome Pit P. 3. Chemical stain was observed at Hong Kong Velodrome Pit P. 4. Chemical spill-out was observed at the planter at Hong Kong Velodrome Pit P.	1. Gully was protected by goe-textile. 2. Cleaning of drainage channel was conducted regularly. 3. Chemical stain was cleaned. 4. Chemical spill-out was cleaned.
17 September 2021	1. Chemicals were observed not placing on a drip tray at Wan Po Road 1. 2. Muddy water was observed discharging from an improper sedimentation tank at Wan Po Road 1.	1. Chemicals were removed. 2. No water was discharged from the working portion. 3. Construction materials were removed.

Date	Environmental Observations	Follow-up Status
	3. Construction materials were found placing on a planter rack at Wan Po Road 1.	
24 September 2021	No major observations were reported.	
30 September 2021	1. Chemical spill out was observed at G1A.	1. Chemical was removed and cleaned.
08 October 2021	1. Chemical stain was observed at Pit X.	1. Chemical stain was cleaned.
15 October 2021	1. NRMM was not observed with NRMM label at Hong Kong Velodrome (Pit L). 2. Chemical should be placed on a drip tray at Pit P.	1. NRMM was added with NRMM label. 2. Chemical was removed.
21 October 2021	No major observations were reported.	
27 October 2021	1. The Main Contractor was reminded to consider to implement dust suppression mitigation measures to limit dust emission at CH.HE 1+80~ 2+00. 2. NRMM label was not observed at the NRMM at CH.HE1+80~ 2+00. 3. Chemical was found not placed on a drip tray at Hong Kong Velodrome Pit L.	1. These materials were cleaned. 2. The Excavator and NRMM label were changed to a new one. 3. Chemical was removed

5.1.4 According to the EIA Study Report, Environmental Permit, contract documents and EM&A Manual, the mitigation measures detailed in the documents should be implemented as much as practical. An updated Implementation Status of Environmental Mitigation Measures (EMIS) is provided in **Appendix F**.

6 Landfill gas monitoring

6.1.1 In accordance with Section 11 of the EM&A Manual, monitoring of landfill gas is required for construction works within the 250m Consultation Zone. Part of the desalination plant and the indicative area of natural slope mitigation works fall within the SENT Landfill Extension Consultation Zone; and part of the 1,200 mm diameter fresh water mains along Wan Po Road falls within the SENT Landfill and SENT Landfill Extension Consultation Zones, TKO Stage II/III Restored Landfill and TKO Stage I Restored Landfill Consultation Zones. Monitoring was conducted from Aug 2021 to Oct 2021.

6.1.2 Monitoring of oxygen, methane and carbon dioxide was performed for excavations at 1m depth or more within the consultation Zone. In this reporting quarter, 2010 times of monitoring was recorded. Action and Limit Level is provided in **Appendix G**.

6.1.3 Monitoring Equipment used in the reporting quarter are summarised in **Table 6.1**.

- 6.1.4 In the reporting quarter, landfill gas monitoring was carried out by the Registered Safety Officer of the Contractor at the excavation locations for 2010 times. The monitoring results and Action Level are provided in **Appendix H** and **Appendix G** respectively.

Table 6.1 Landfill Gas Monitoring Equipment

Equipment	Model and Make	Calibration Expiry Date
Gas Detector	QRAE III	27 July 2022
MultiRAE Lite	PGM-6208	06 April 2022
Portable Gas Detector	XT-XWHM-Y-OR	08 June 2022

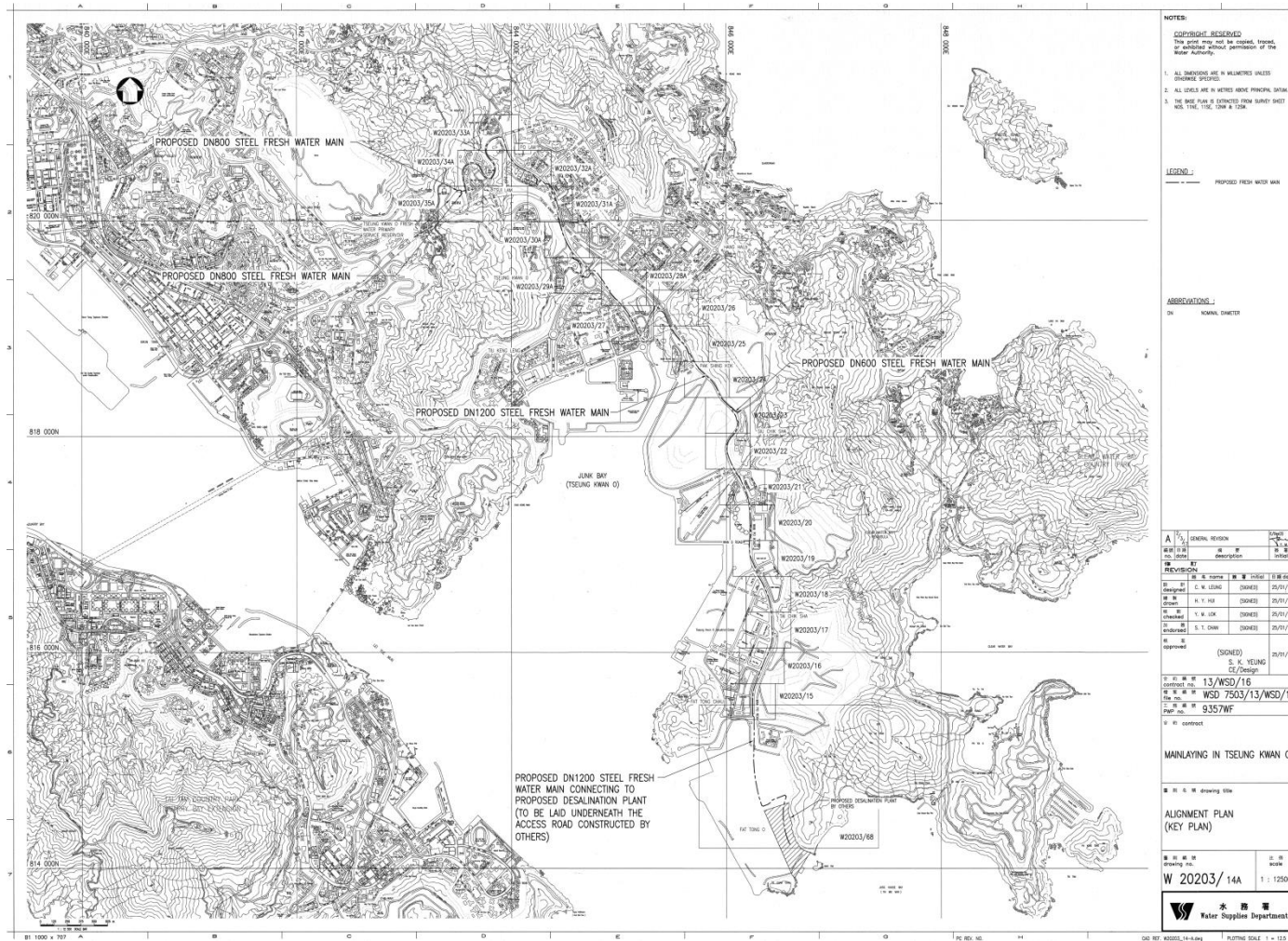
7 Conclusion and Recommendations

- 7.1.1 This is the 13th quarterly Environmental Monitoring and Audit (EM&A) Summary Report prepared by ASCL. This report presents the EM&A works carried out during the period of 1 Aug 2021 to 31 Oct 2021 in accordance with the EM&A Manual and the requirement under EP-503/2015/A.
- 7.1.2 11 times of noise impact monitoring were conducted on 4, 13, 19 and 25/08/2021, 2, 10, 16, 23 and 30/09/2021 and 21 and 29/10/2021 at NSR4 Creative Secondary School since projected-related construction activities were undertaken within a radius of 300m from the monitoring location.
- 7.1.3 The impact noise monitoring scheduled on 8th and 13th October 2021 were cancelled as the Main Contractor confirmed that no construction works were conducted at the work portion (Pit WPR1) which located within 300 metres from NSR4 Creative Secondary School.
- 7.1.4 No examinations were scheduled for NSR4 Creative Secondary School between Aug to Oct 2021. Academic School Calendar can be found in **Appendix K**.
- 7.1.5 No project-related environmental complaints was received in the reporting quarter.
- 7.1.6 No landfill gas exceedance was recorded in the reporting quarter.
- 7.1.7 No project-related exceedance of the Action Level was recorded during the reporting period.
- 7.1.8 Weekly environmental site inspection was conducted during the reporting quarter. Minor deficiencies were observed during site inspection and were rectified. The environmental performance of the Project was therefore considered satisfactory.
- 7.1.9 According to the environmental site inspections performed in the reporting quarter, the Contractor is reminded to pay attention on maintaining site tidiness and proper materials storage. The Contractor is also reminded to consider the treatment of wastewater from the construction site area.
- 7.1.10 No notification of summons or prosecution was received since commencement of the Contract.
- 7.1.11 The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.
- 7.1.12 Statistics on complaints and regulatory compliance are summarized in **Appendix I**.

Appendix A

Overview of Mainlaying in TKO

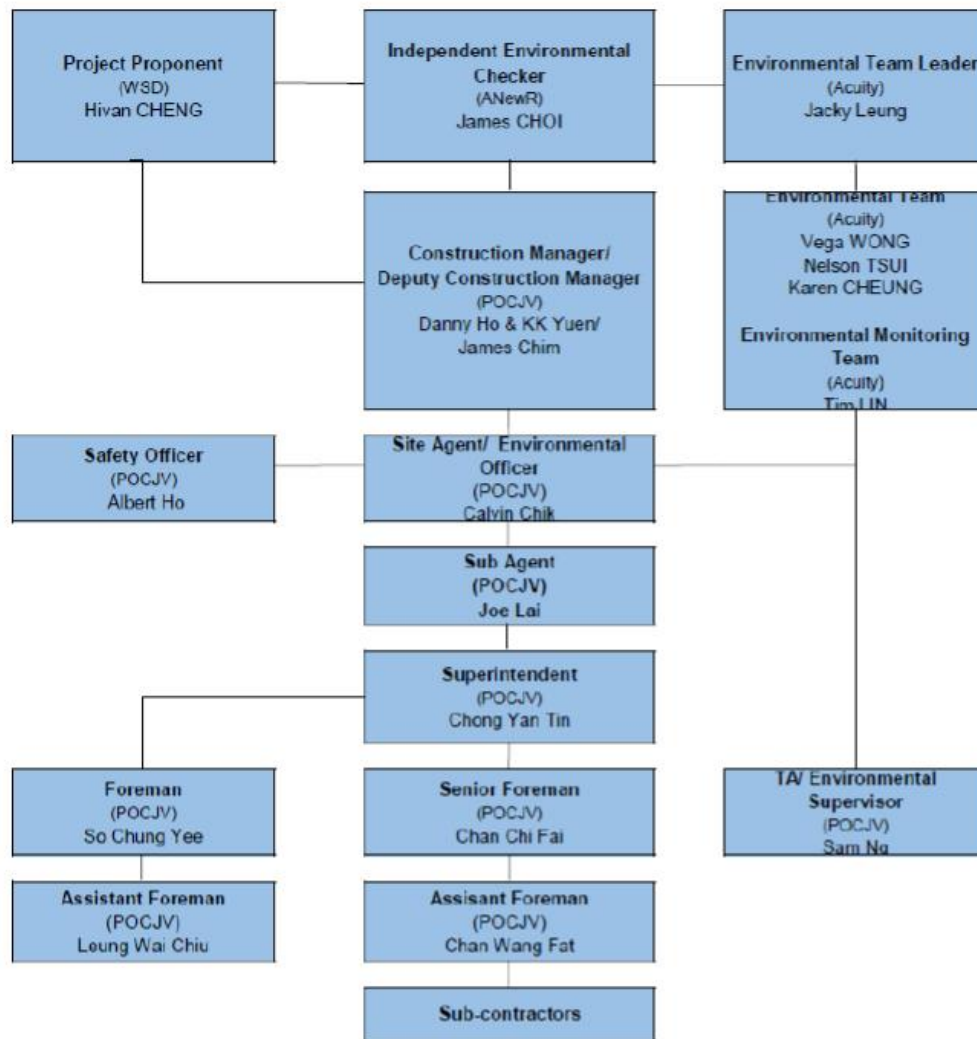
Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Overview of Mainlaying in TKO

Appendix B

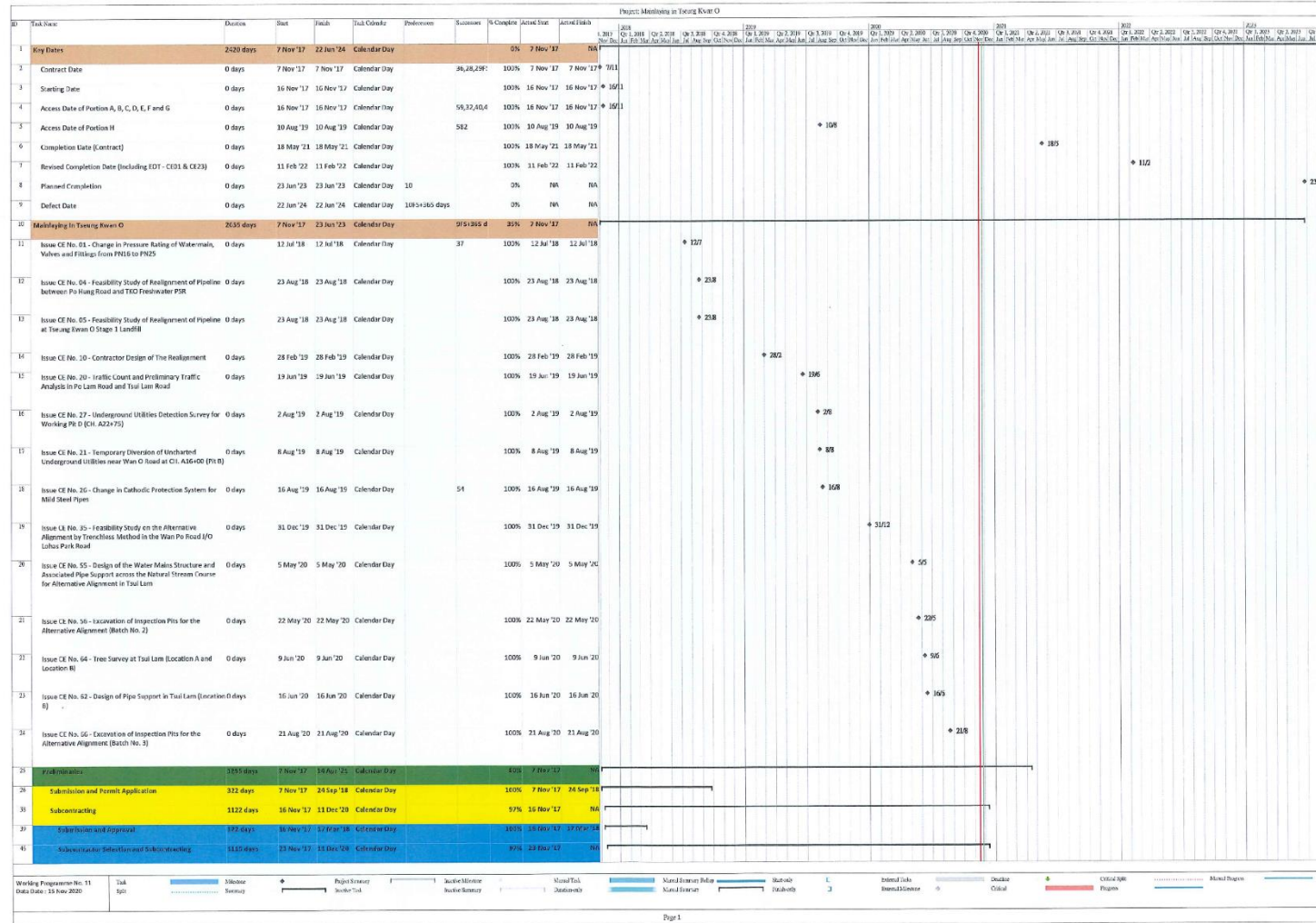
Project Organization Chart



Appendix C

Construction Programme

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



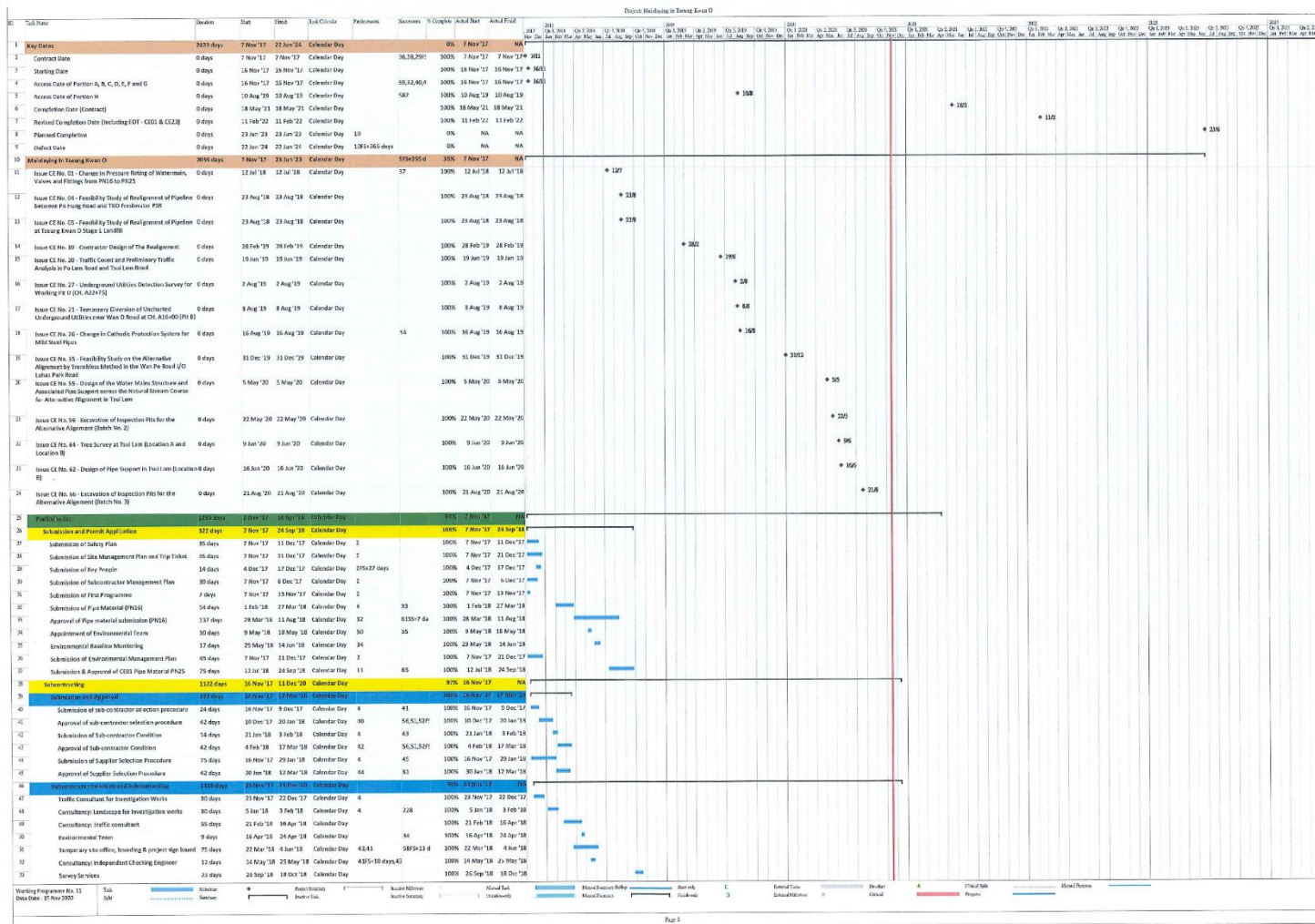
Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Contract No. 13/WSD/16

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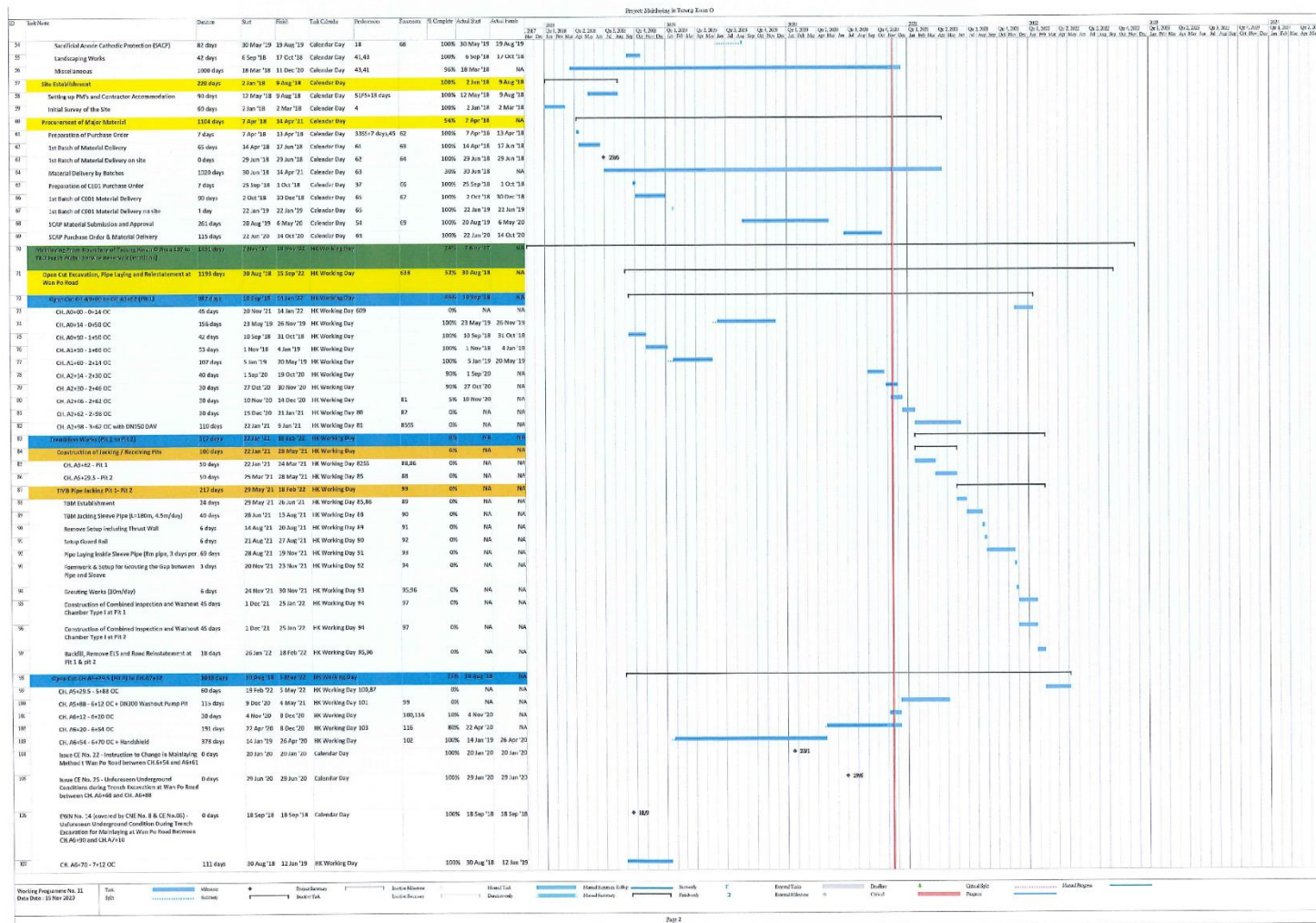
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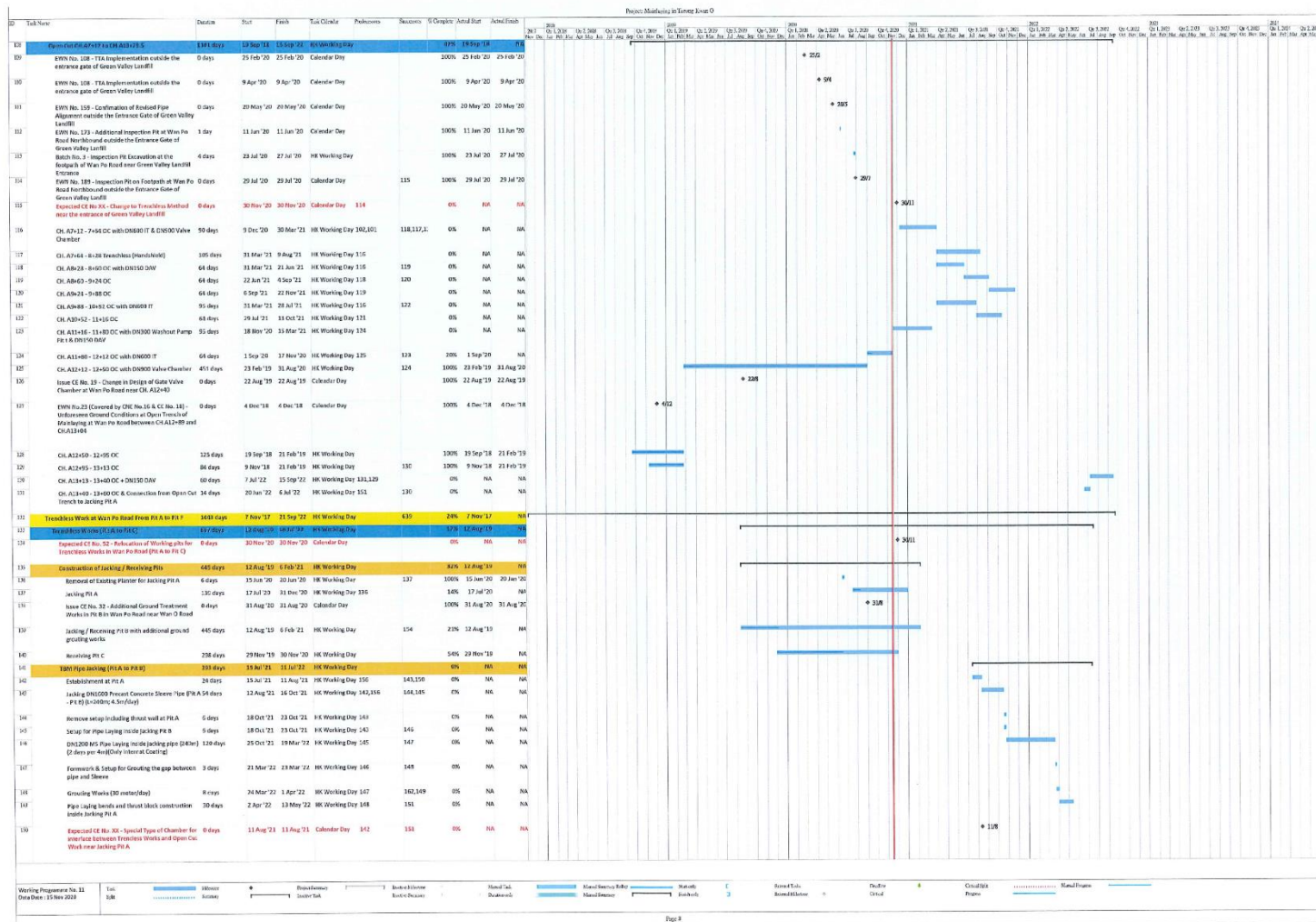
Contract No. 13/WSD/16

Mainlaying in Tseung Kwan O

13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Contract No. 13/WSD/16

Mainlaying in Tseung Kwan O

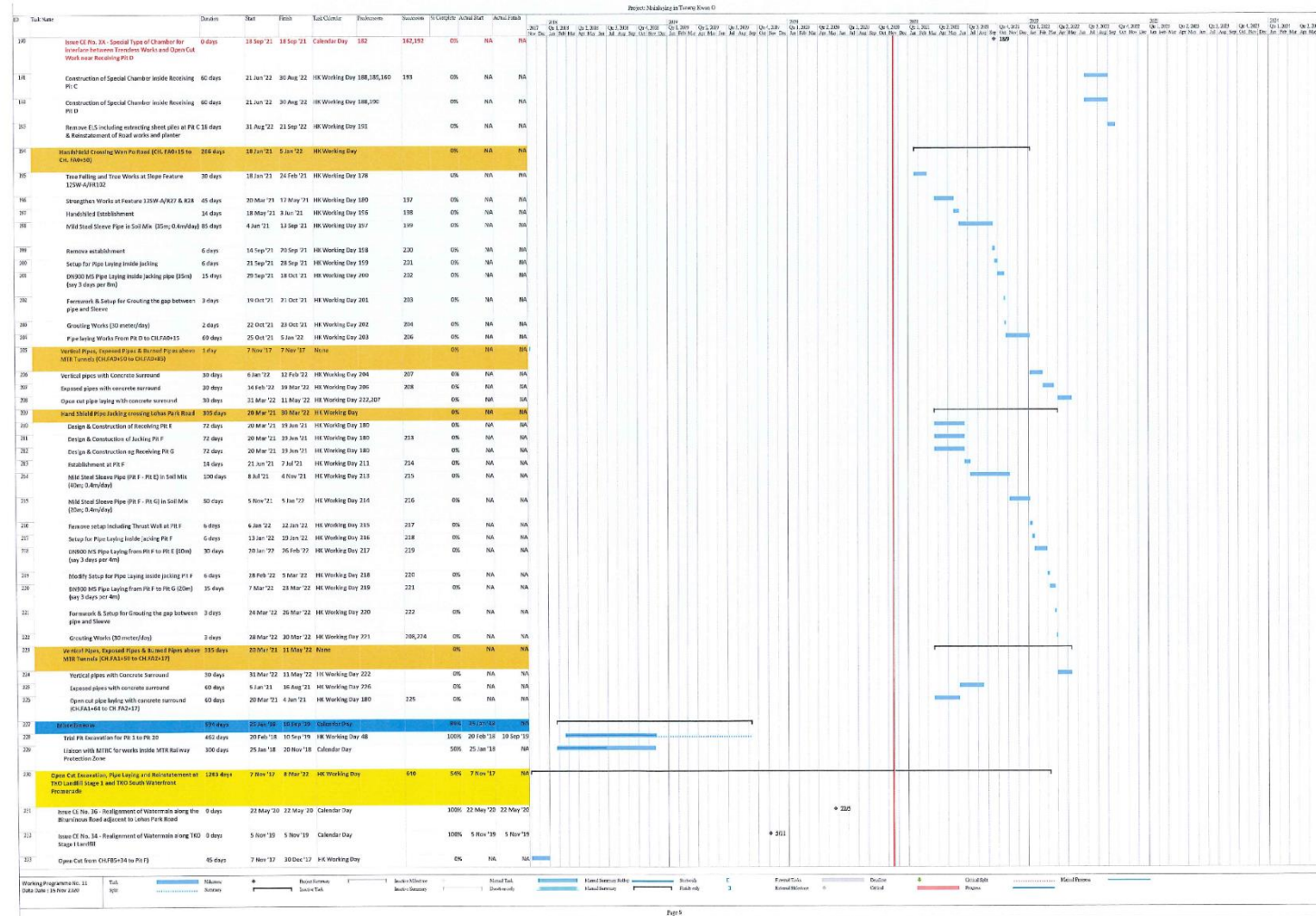
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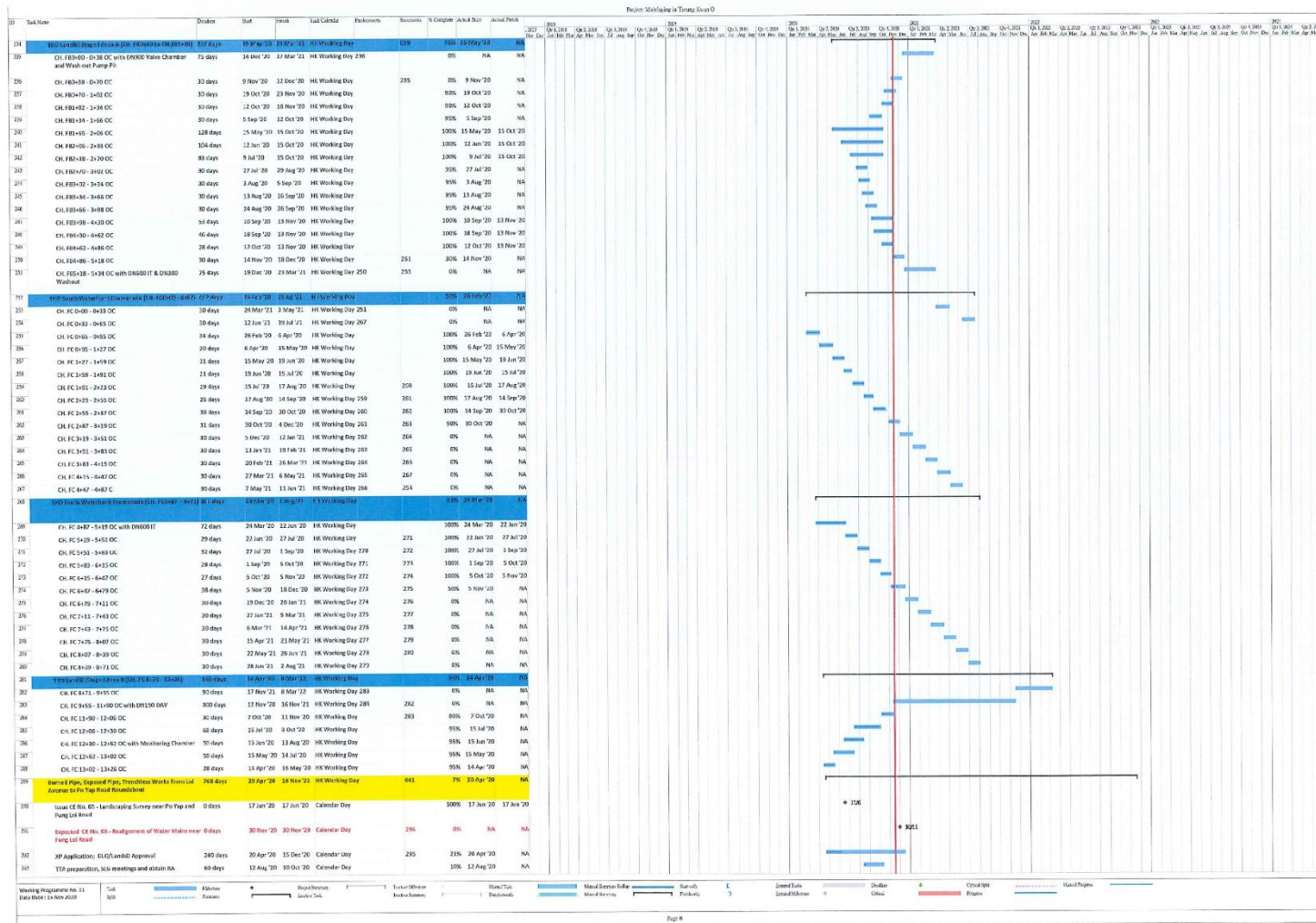
Contract No. 13/WSD/16

Mainlaying in Tseung Kwan O

13th Quarterly EM&A Report for Aug 2021 to Oct 2021



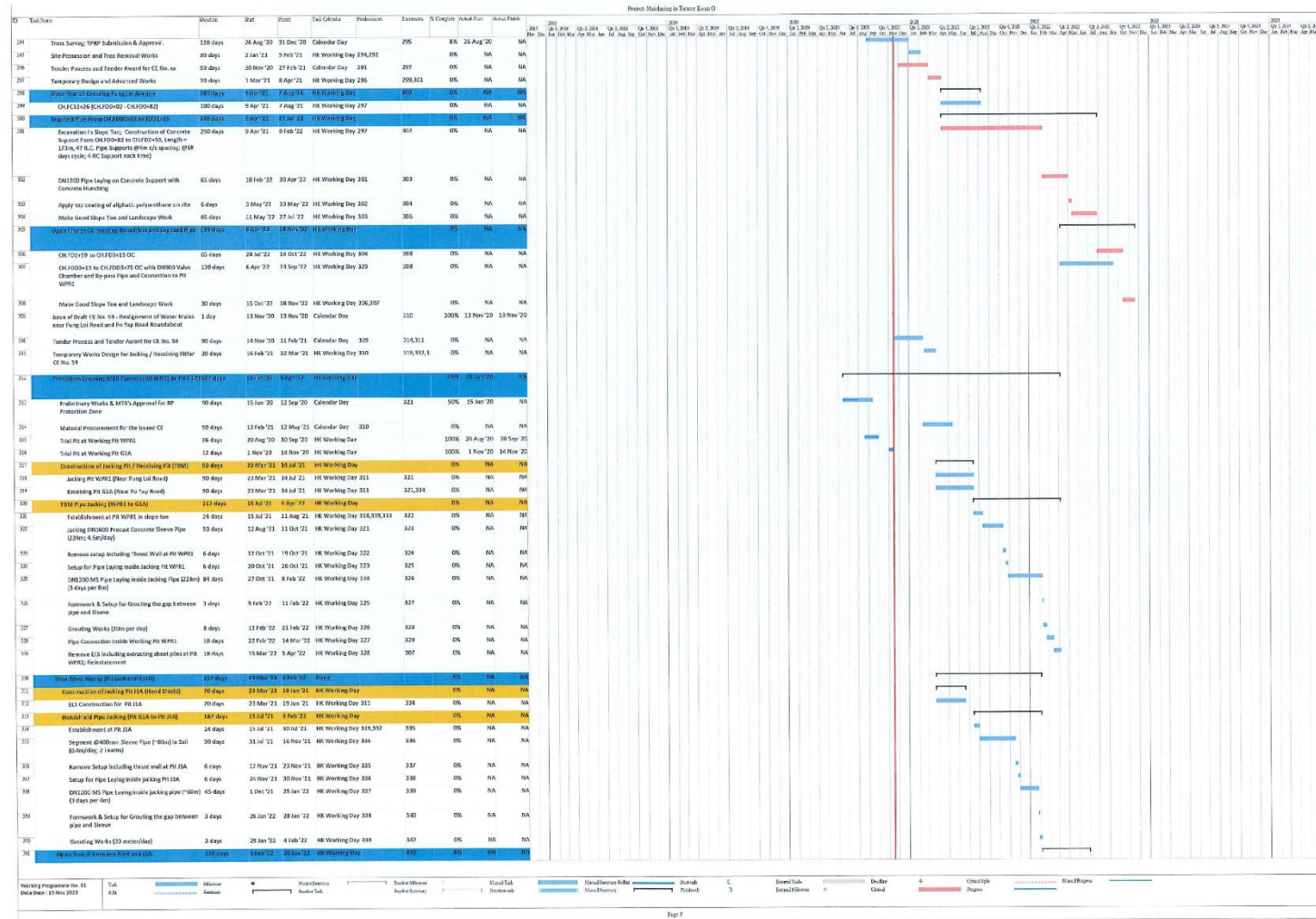
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Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



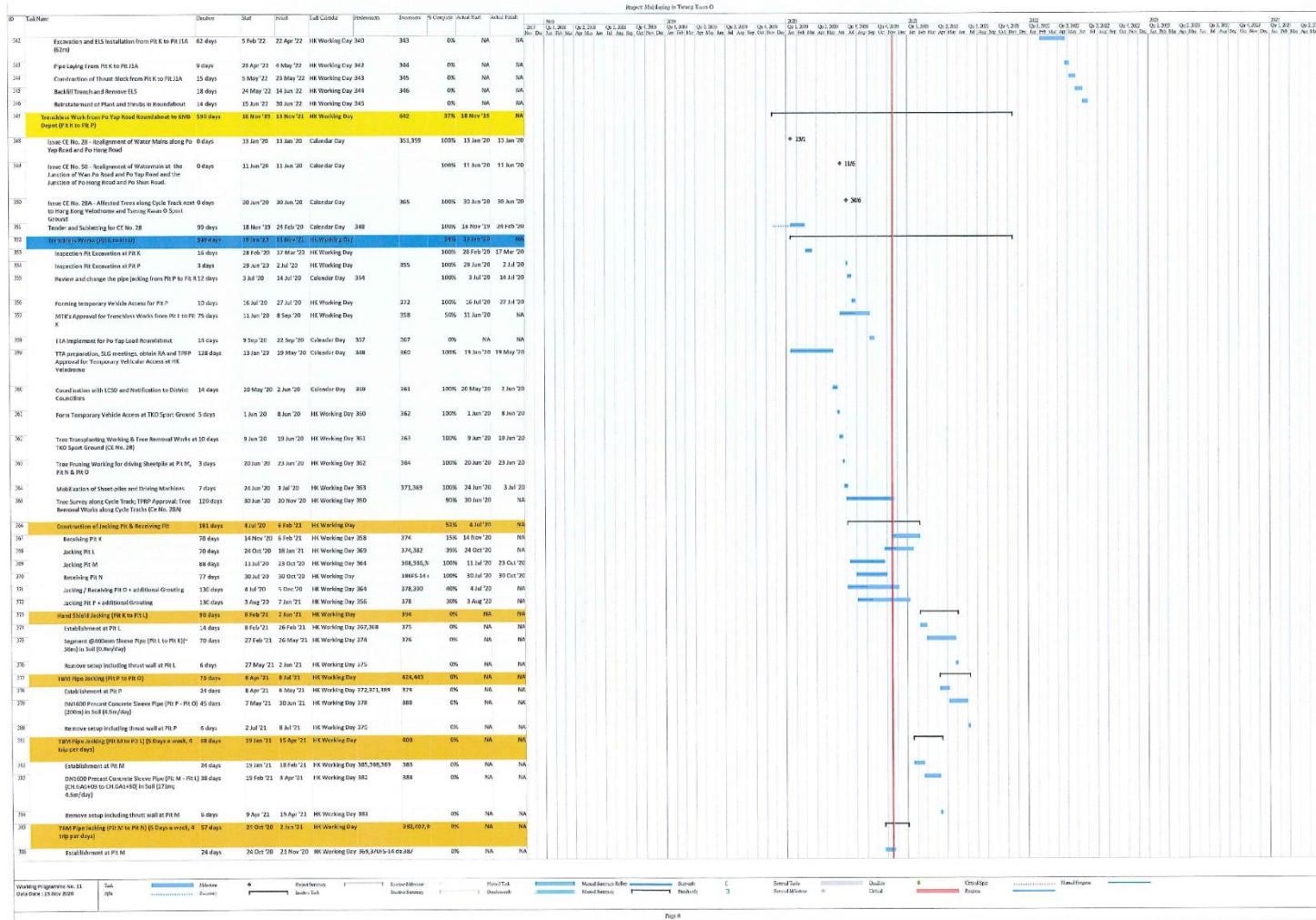
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Mainlaying in Tseung Kwan O

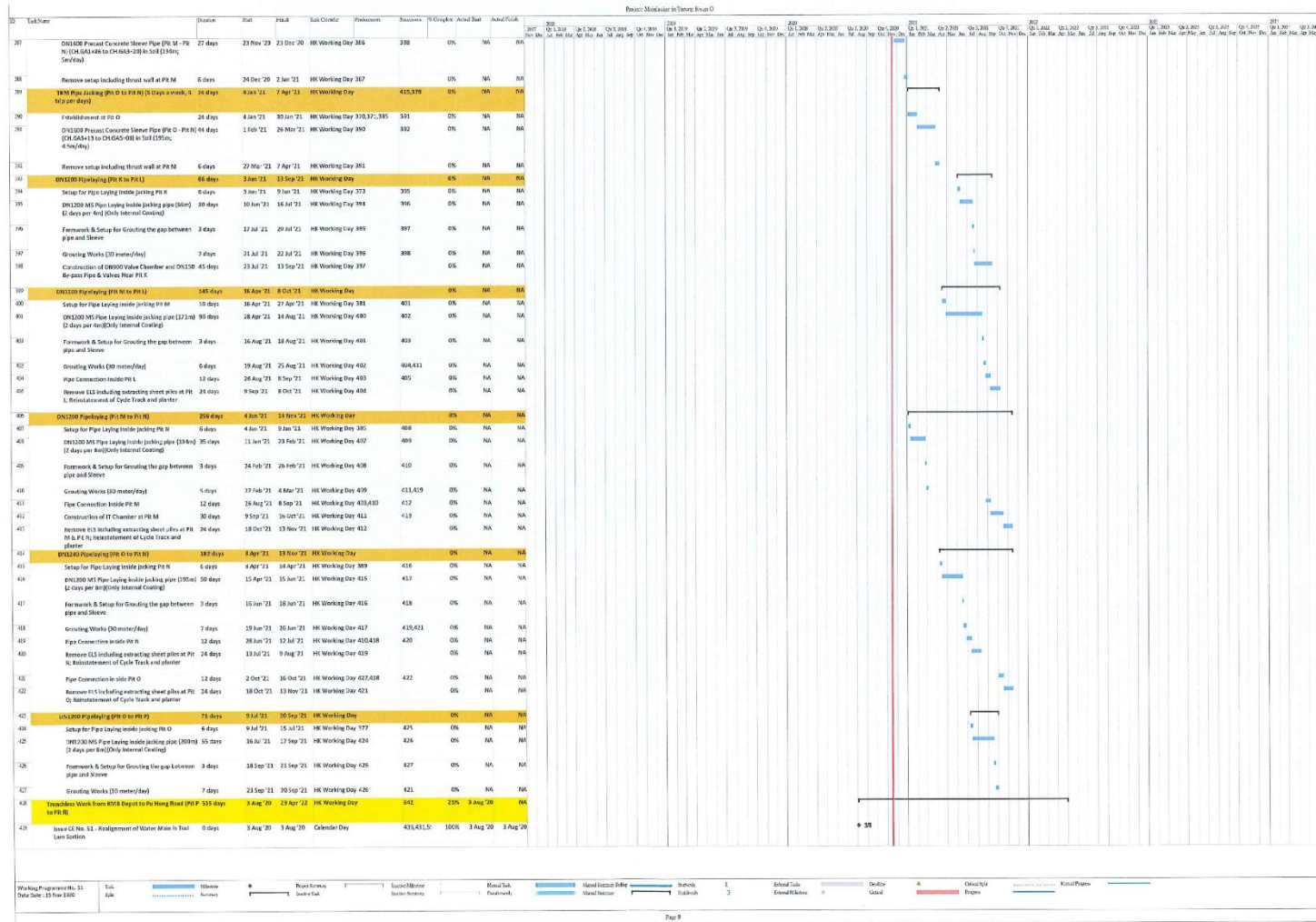
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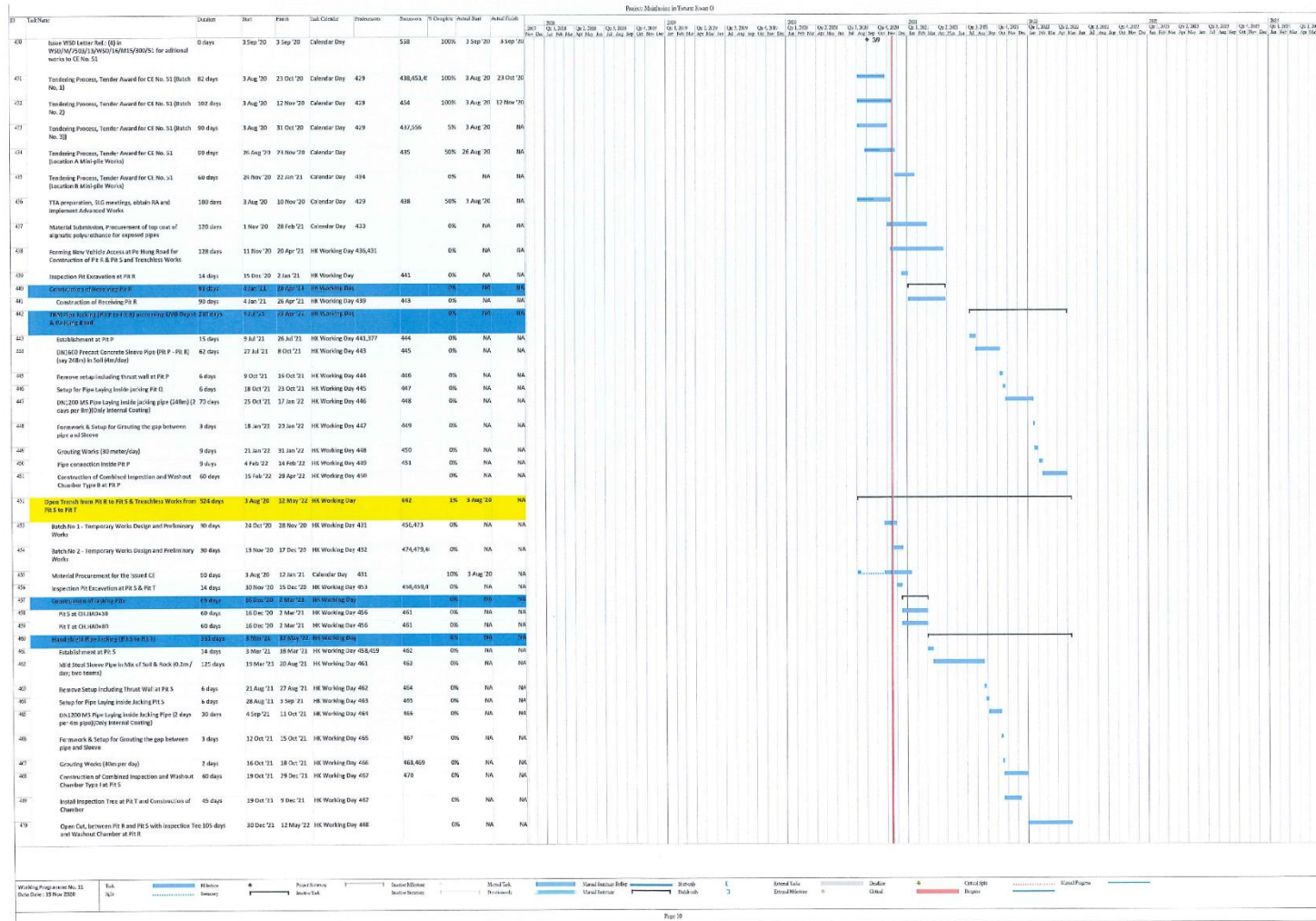
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Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



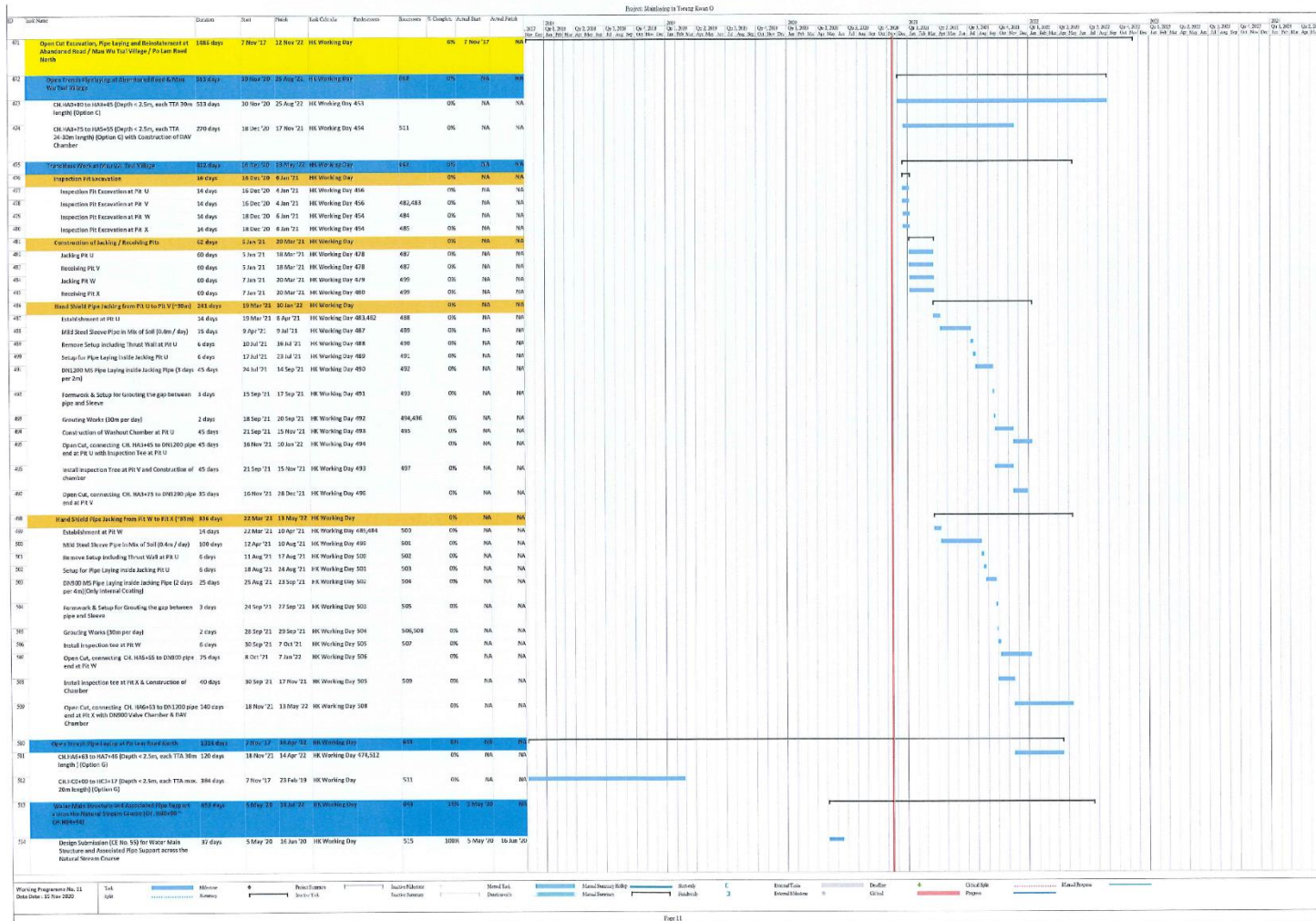
Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



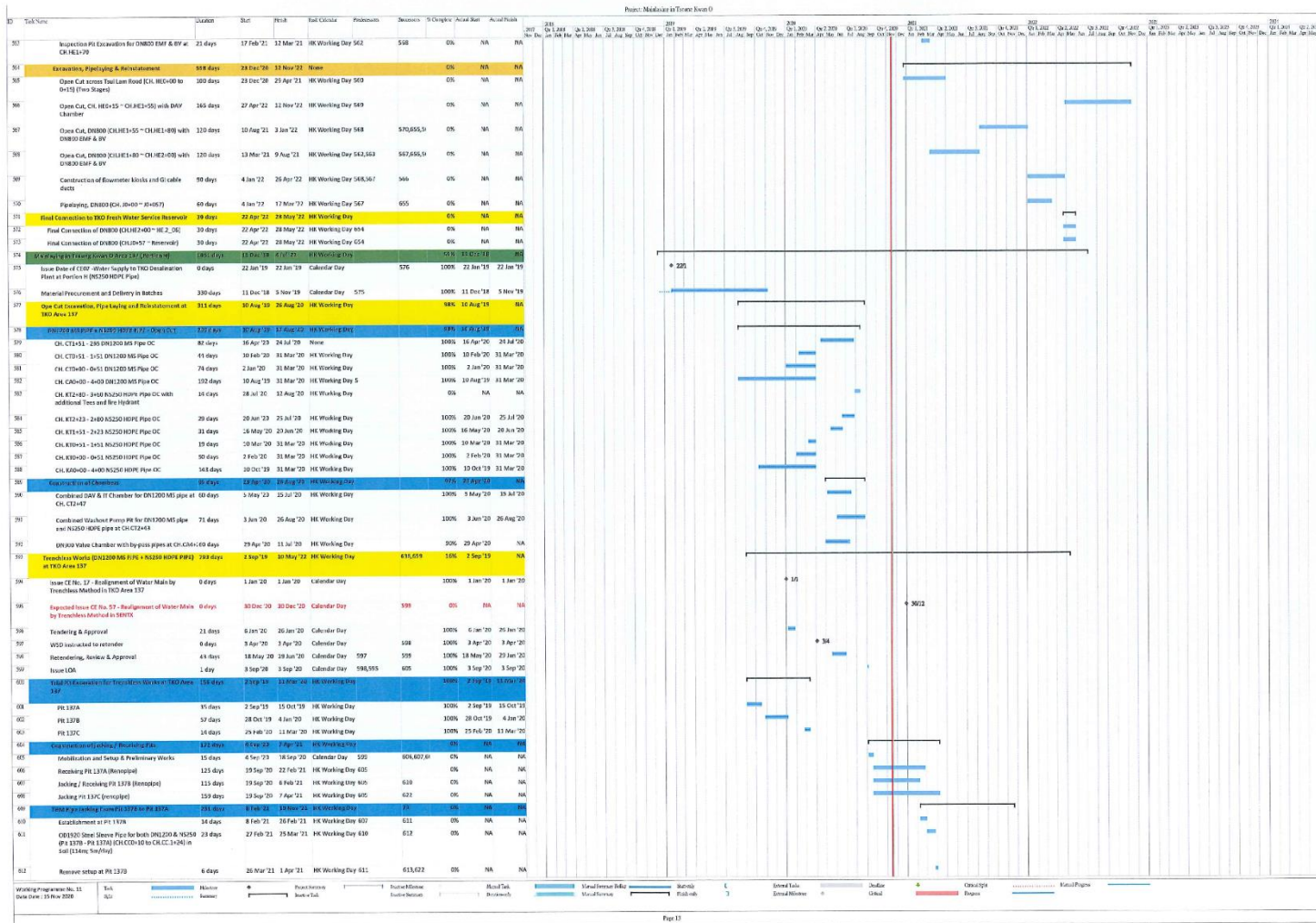
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Mainlaying in Tseung Kwan O
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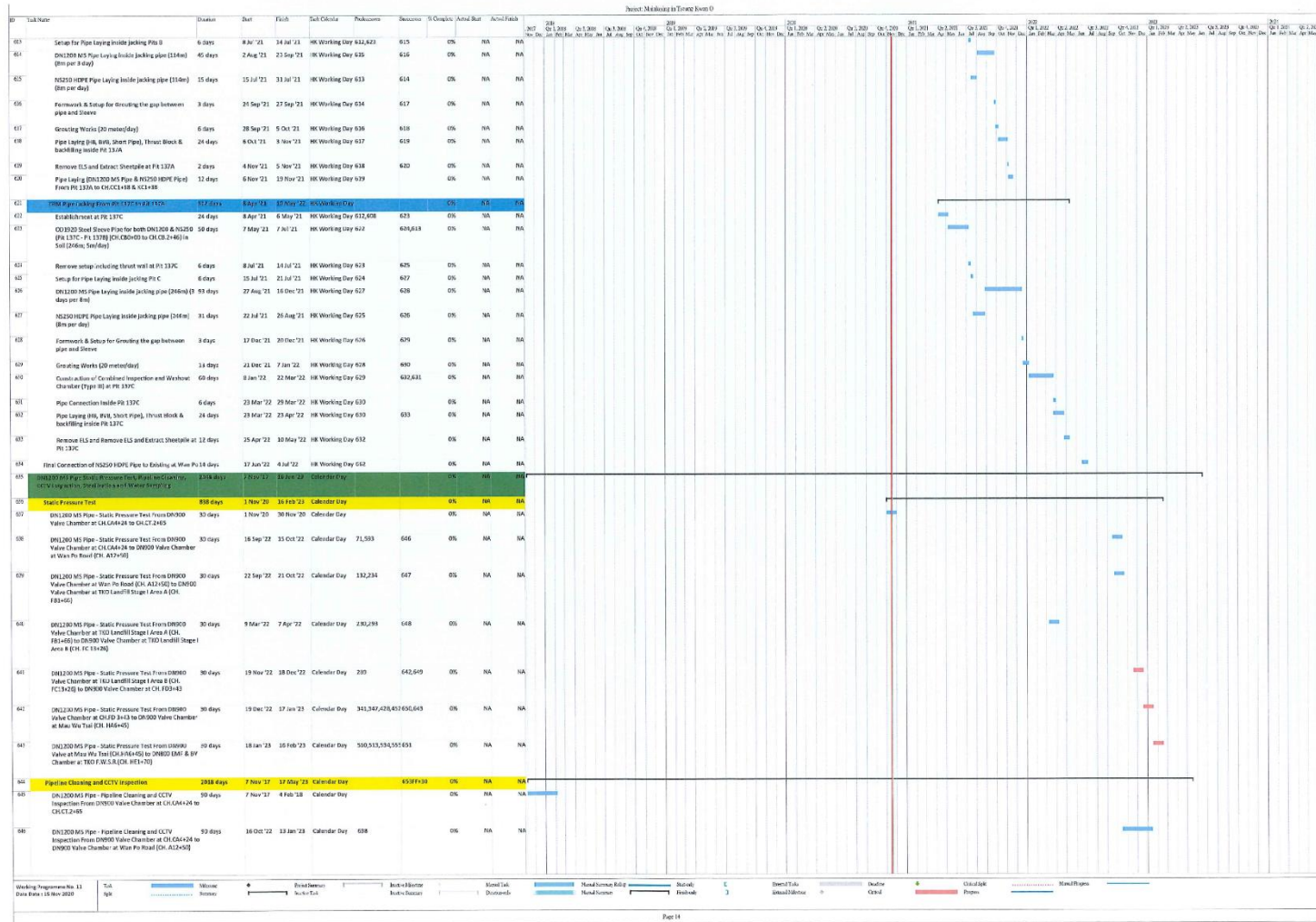
Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Appendix D

Layout of Major Construction Works Undertaken during the Reporting Quarter

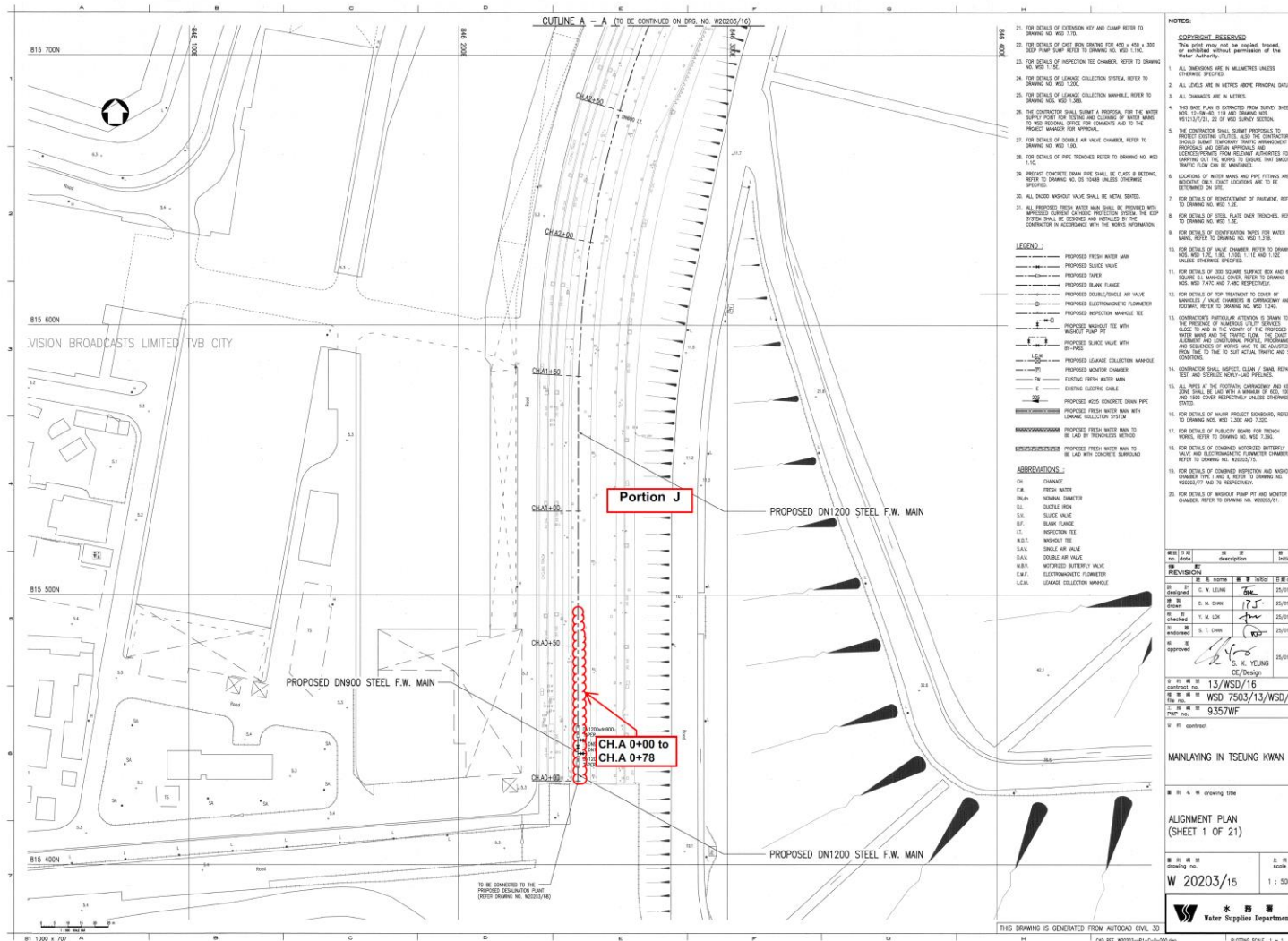


Figure D1. Location Plan for Portion J - CH.A 0+00 to CH.A 0+78

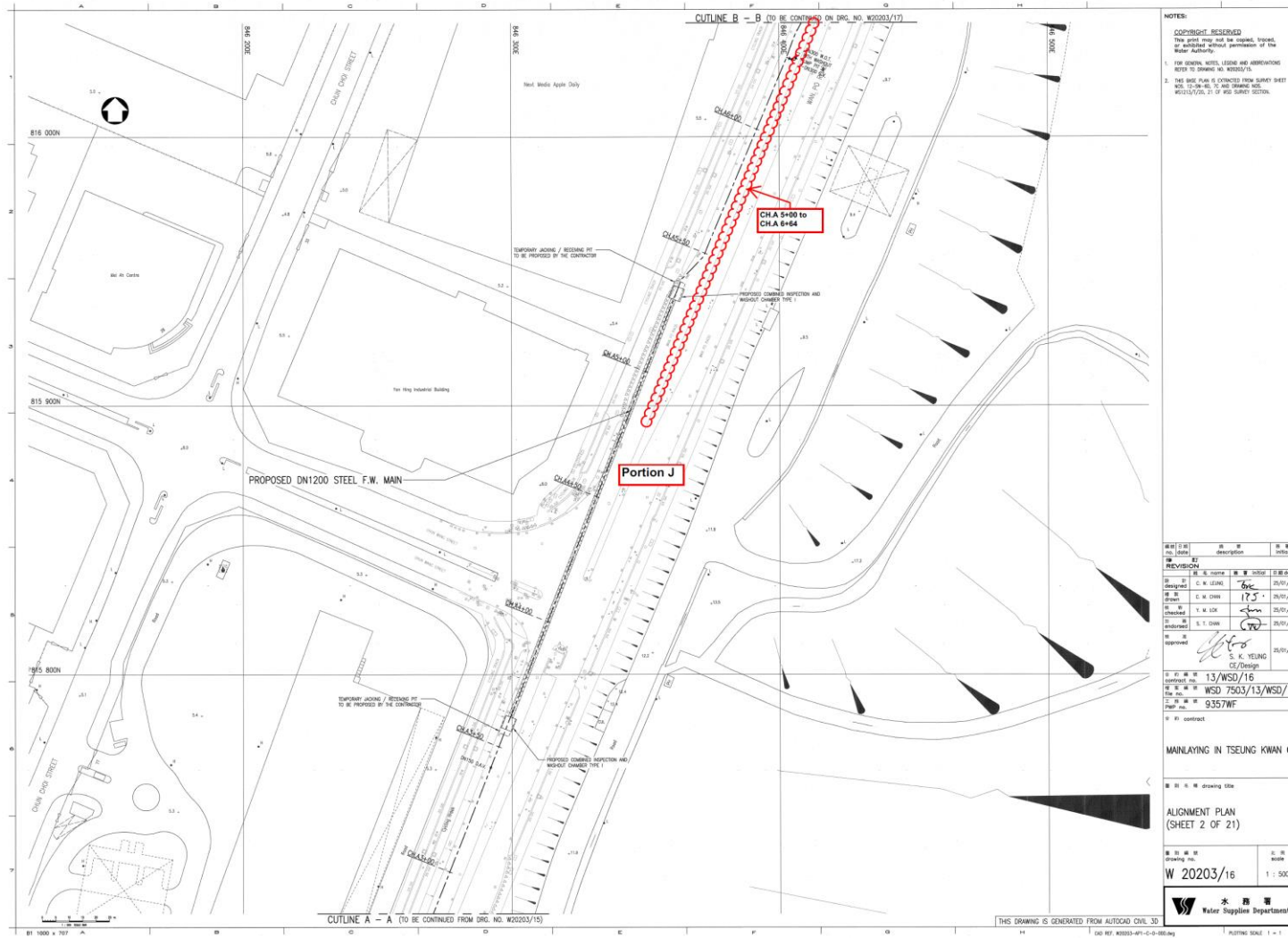


Figure D2a. Location Plan for Portion J - CH.A 5+00 to CH.A 6+70

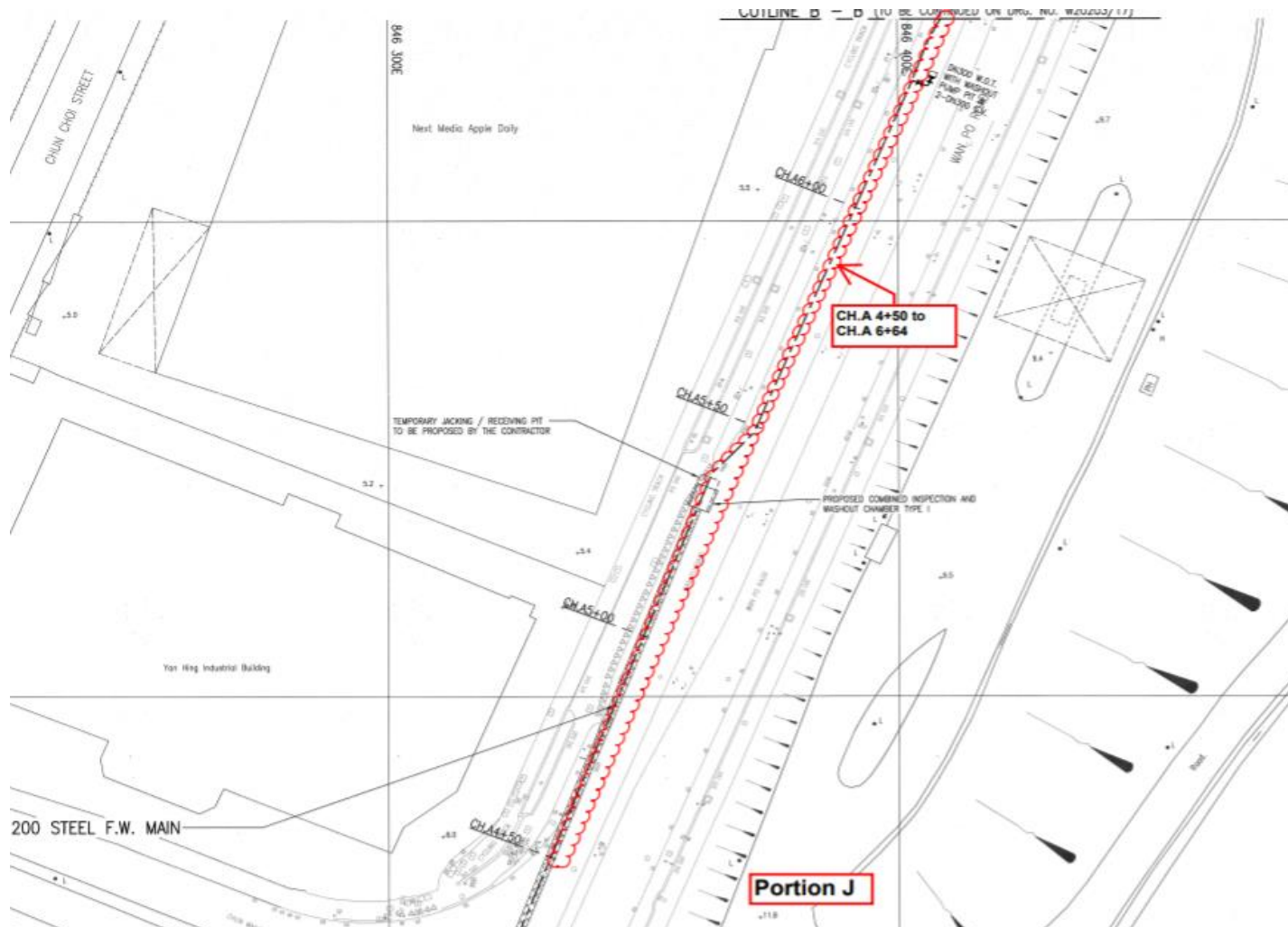


Figure D2b. Location Plan for Portion J - CH.A 4+50 to CH.A 6+64

Contract No. 13/WSD/16
 Mainlaying in Tseung Kwan O
 13th Quarterly EM&A Report for Aug 2021 to Oct 2021

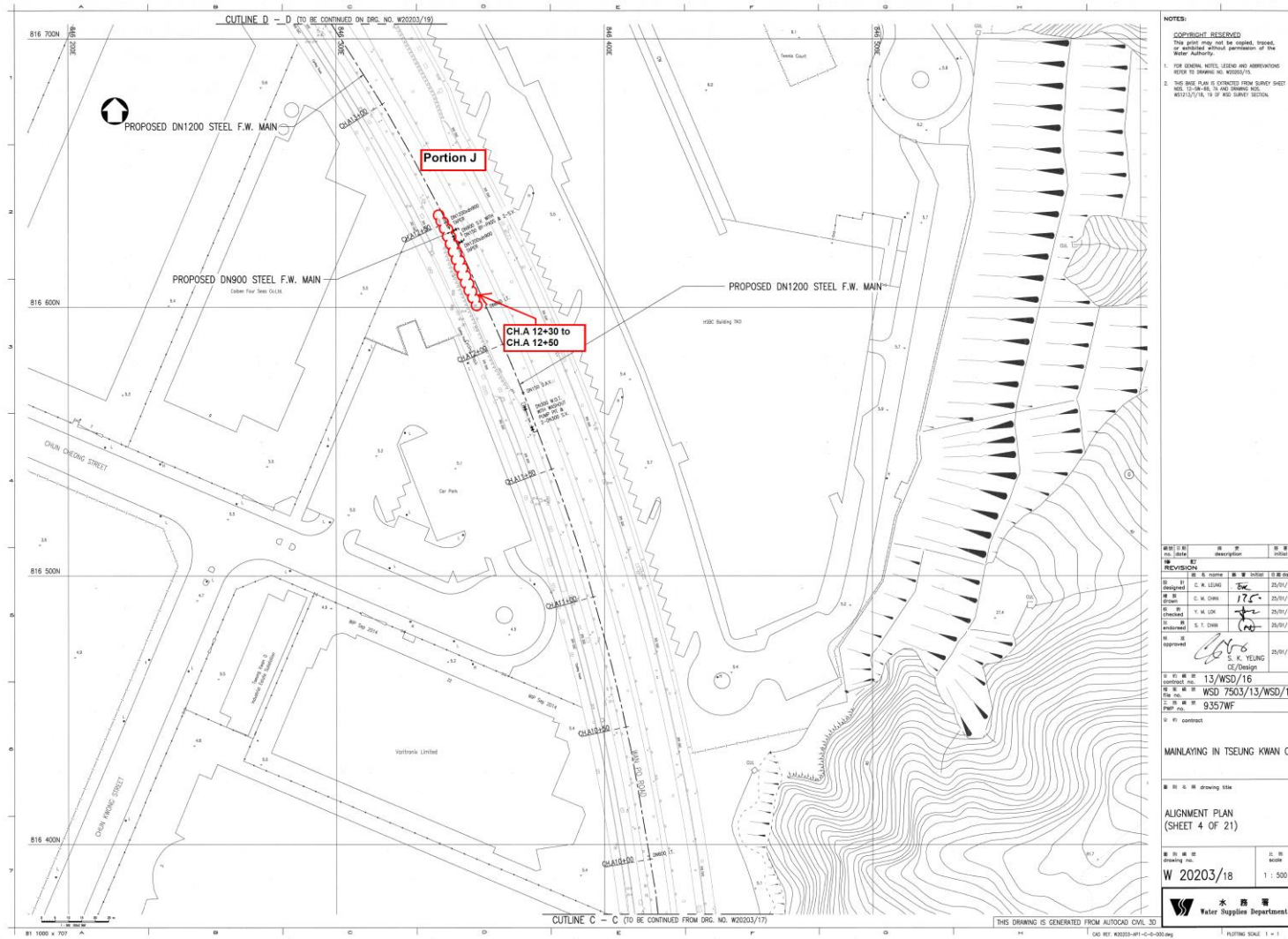


Figure D3. Location Plan for Portion J - CH.A 12+30 to CH.A 12+50

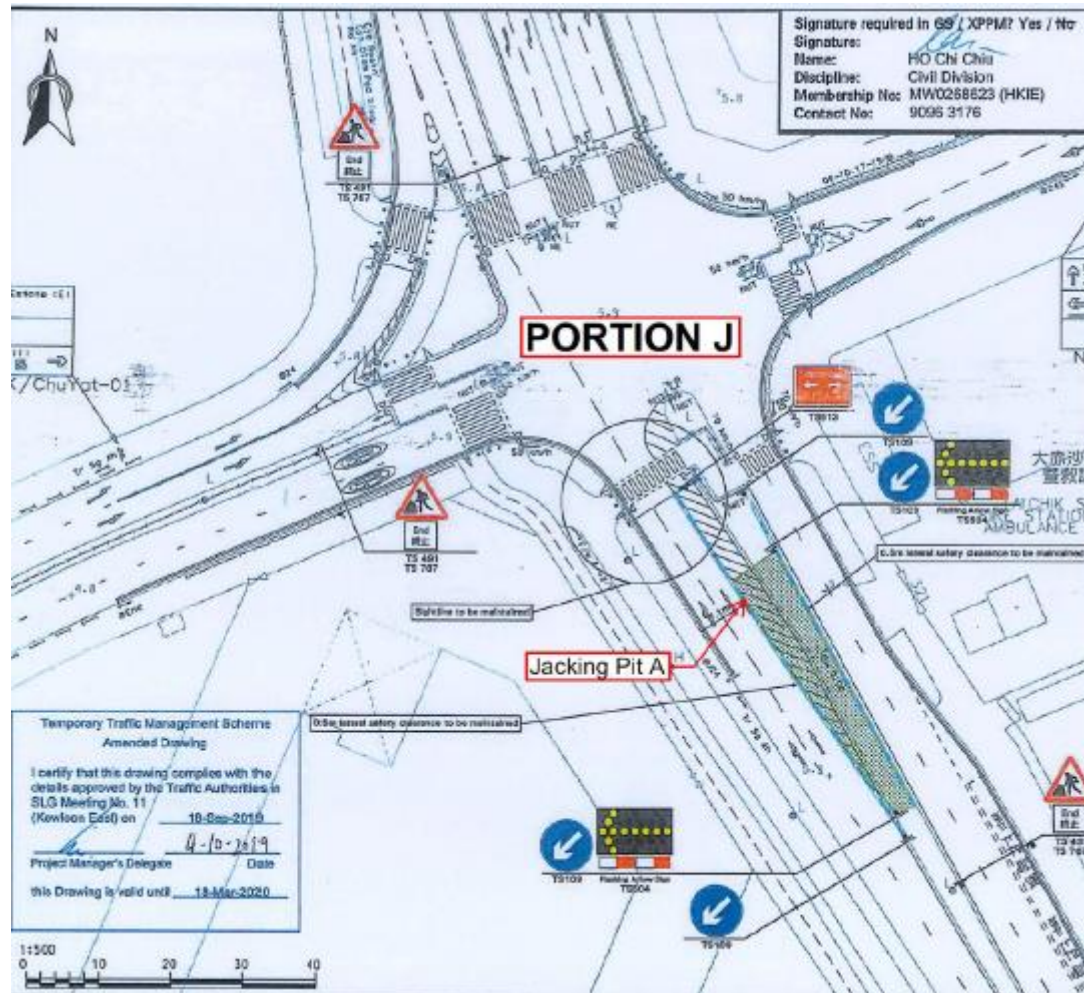
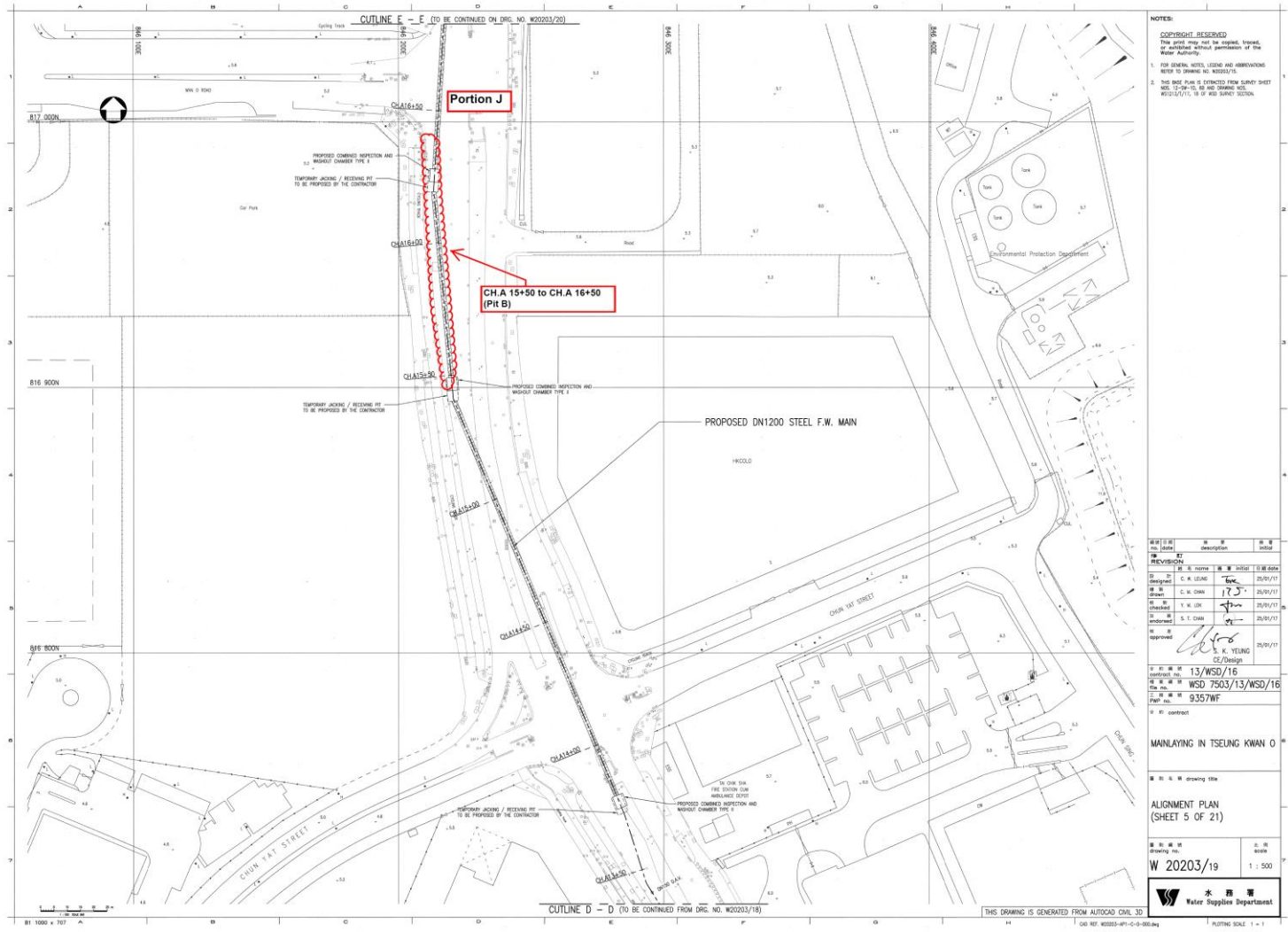


Figure D4. Location Plan for Portion J – CH. A13+50 to CH.A 14+00 (Pit A)

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



NOTES:

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- FOR DETAILS, NOTES, LEGEND AND ABBREVIATIONS REFER TO DRAWING NO. WSD203/19.
- THIS BEST PLAN IS EXTRACTED FROM SURVEY SHEET NO. TS-20-18, 19 AND DRAWING NO. WSD12/17/18 OF WSD SURVEY RECORD.

REV. NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER	20/03/19
2	FOR CONSTRUCTION	20/03/19
3	FOR CONSTRUCTION	20/03/19
4	FOR CONSTRUCTION	20/03/19
5	FOR CONSTRUCTION	20/03/19

13/WSD/16
 WSD 7503/13/WSD/16
 9357WF
 MAINLAYING IN TSEUNG KWAN O
 ALIGNMENT PLAN
 (SHEET 5 OF 21)
 W 20203/19
 1:500
 水務署
 Water Supplies Department

Figure D5. Location Plan for Portion J – CH. A15+50 to CH.A 16+50 (Pit B)

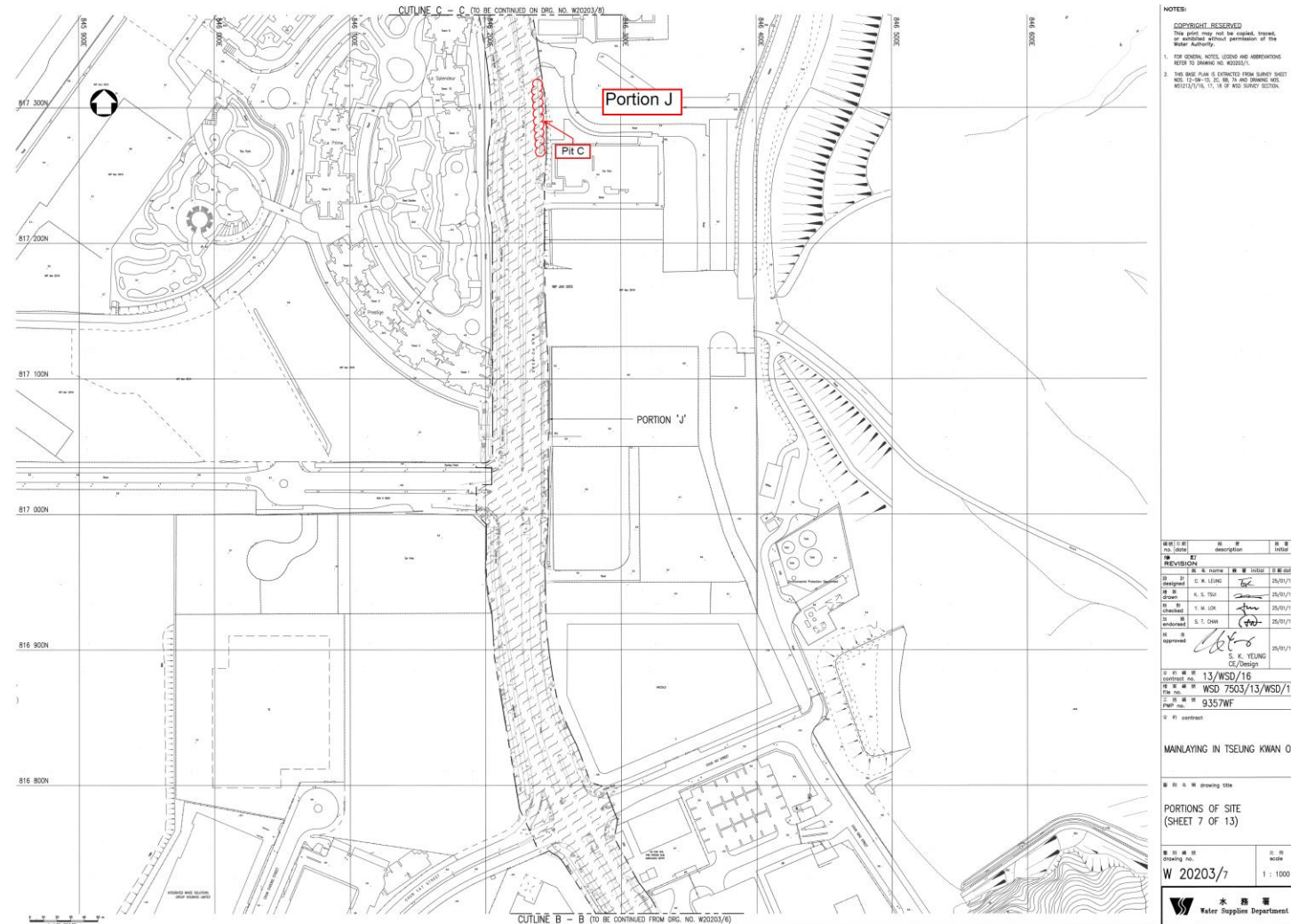


Figure D6. Location Plan for Portion J – CH.A 19+15 to CH.A 19+50 (Pit C)

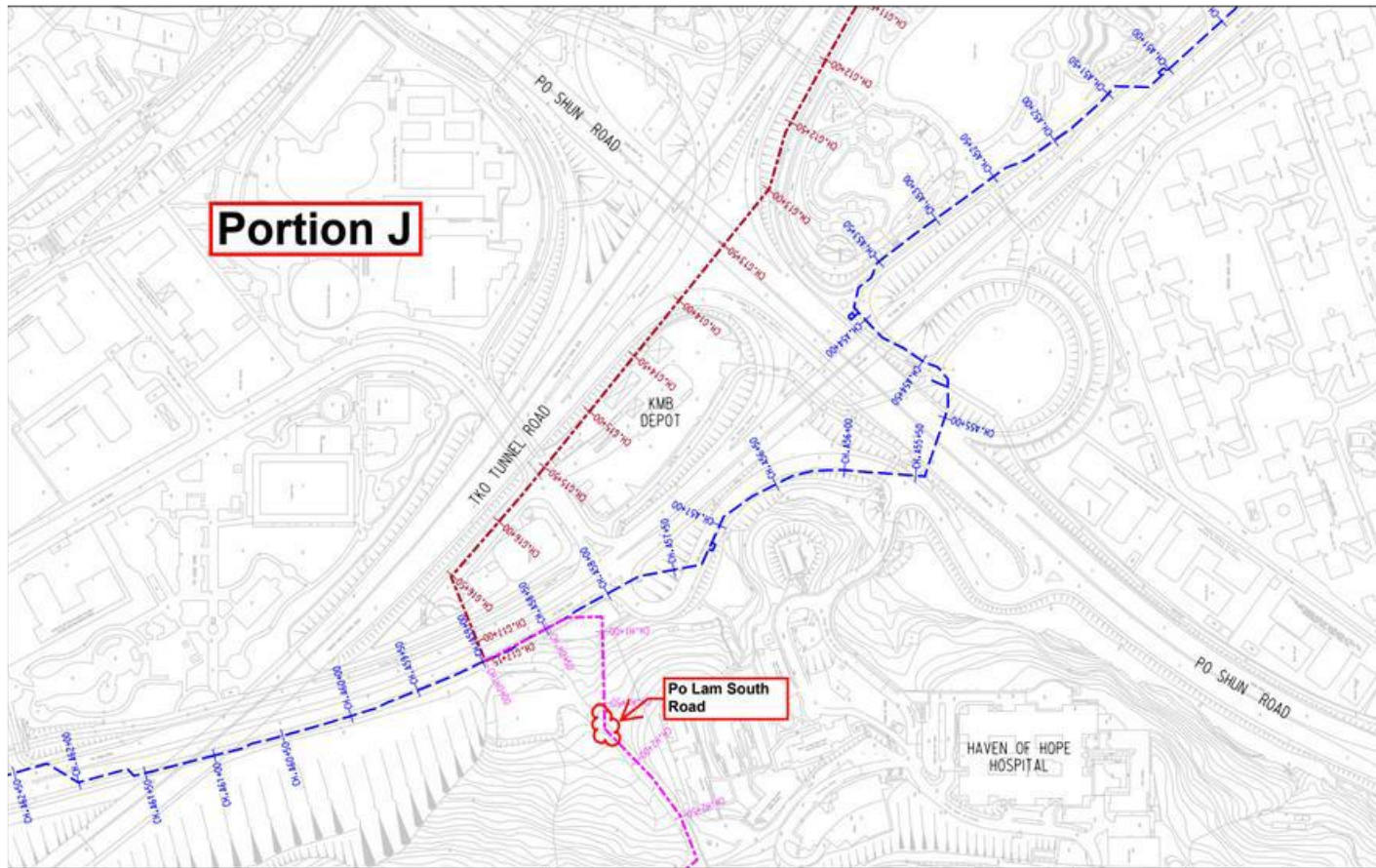


Figure D7a. Location Plan for Portion J - Mau Wu Tsai 1 (Po Lam South Road 1)

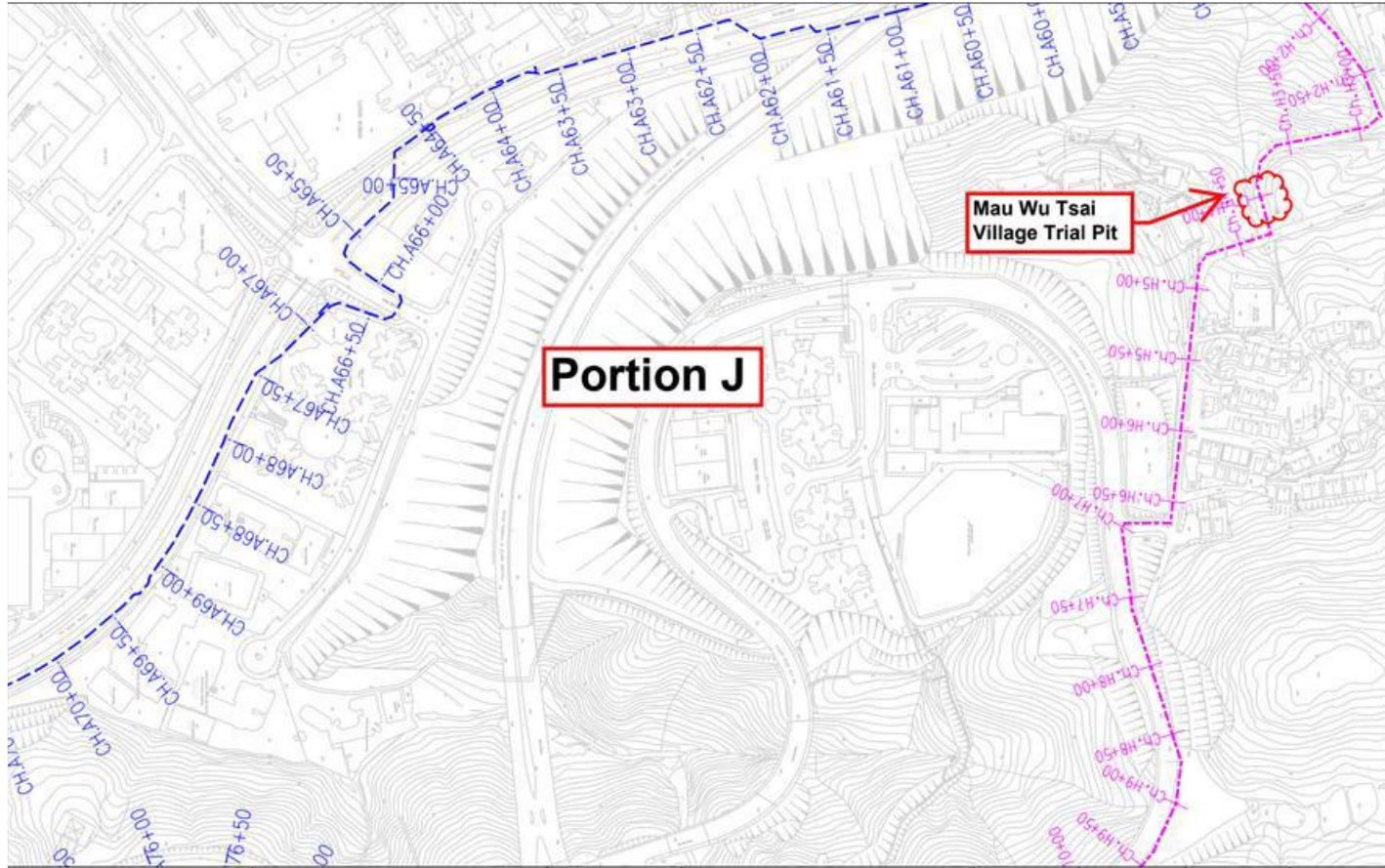


Figure D7b. Location Plan for Portion J - Mau Wu Tsai 2 (Po Lam South Road 2)

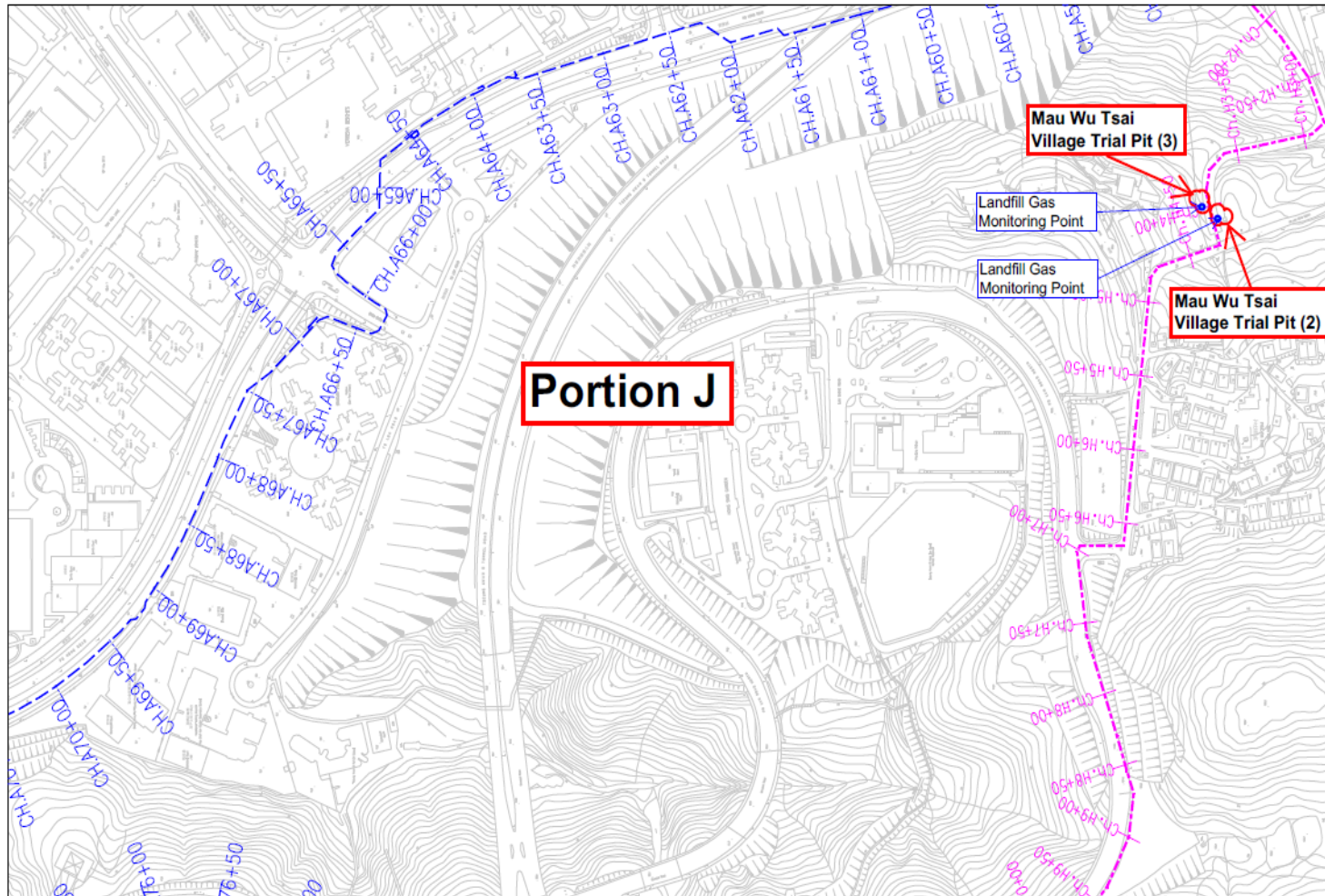


Figure D7c. Location Plan for Portion J - Mau Wu Tsai 3 (Po Lam South Road 3)

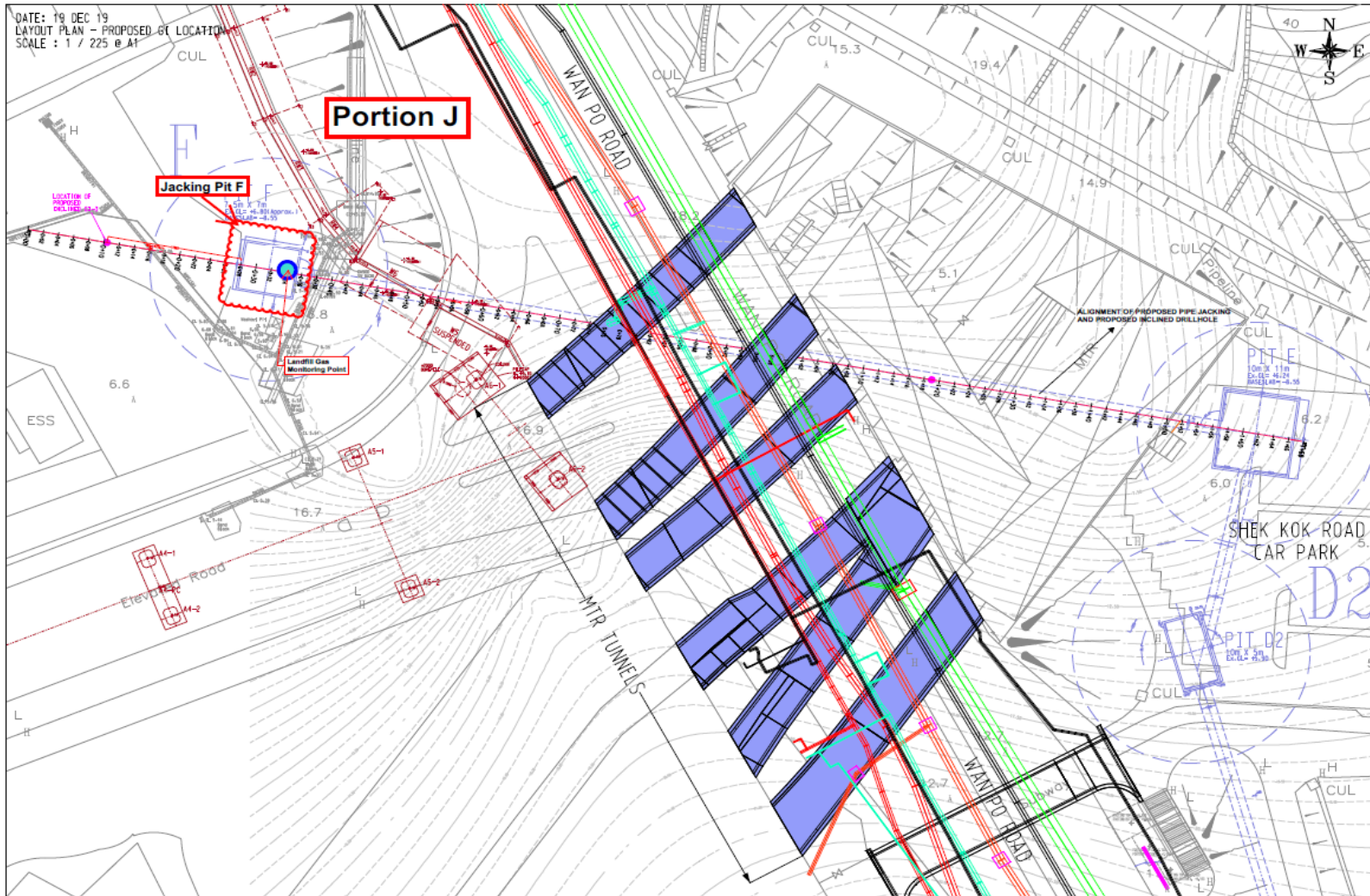


Figure D8. Location Plan for Portion J - Jacking pit F

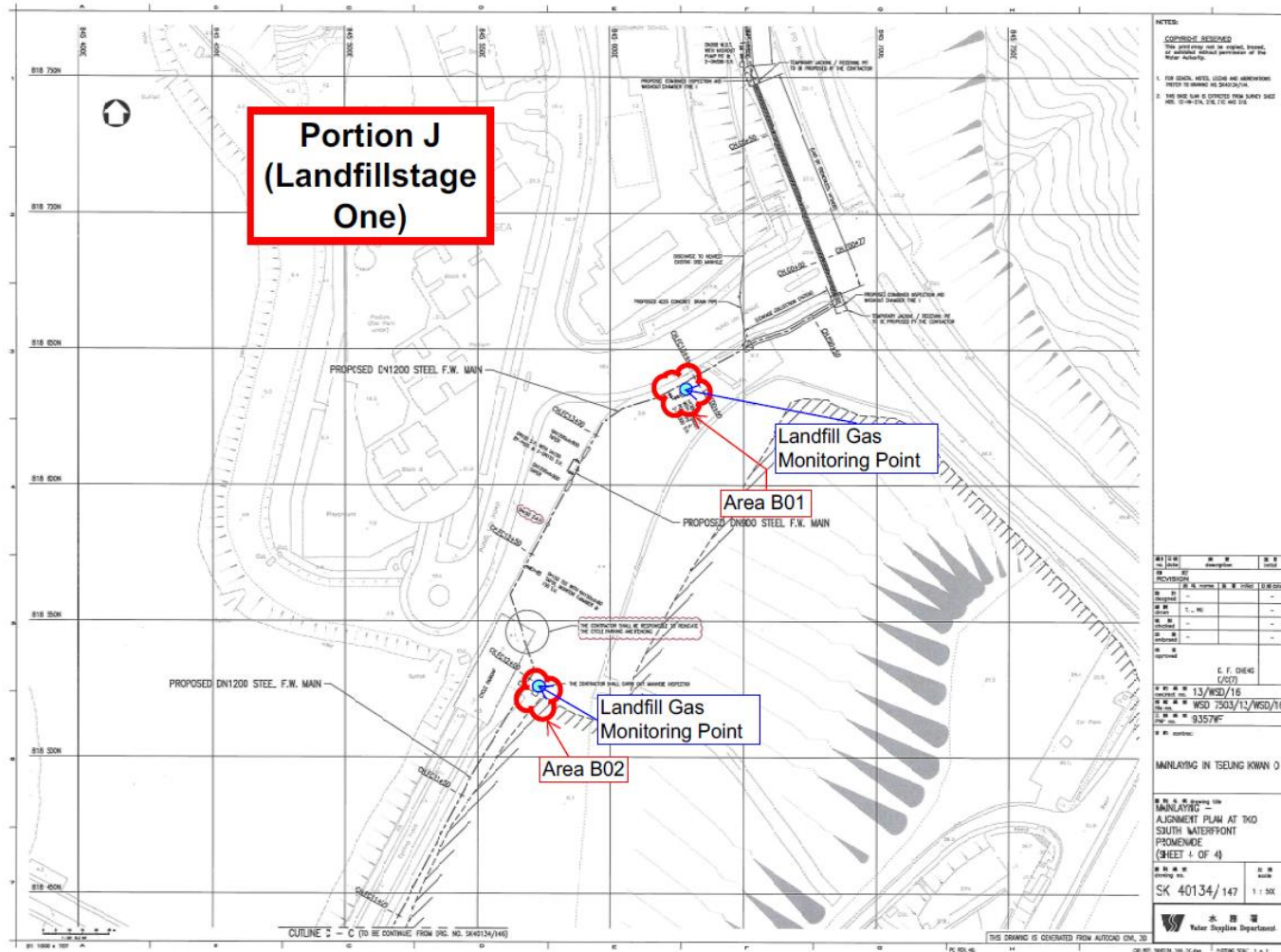


Figure D9a: Location Plan for Portion J – Landfill Stage 1 (Area B01-B02)

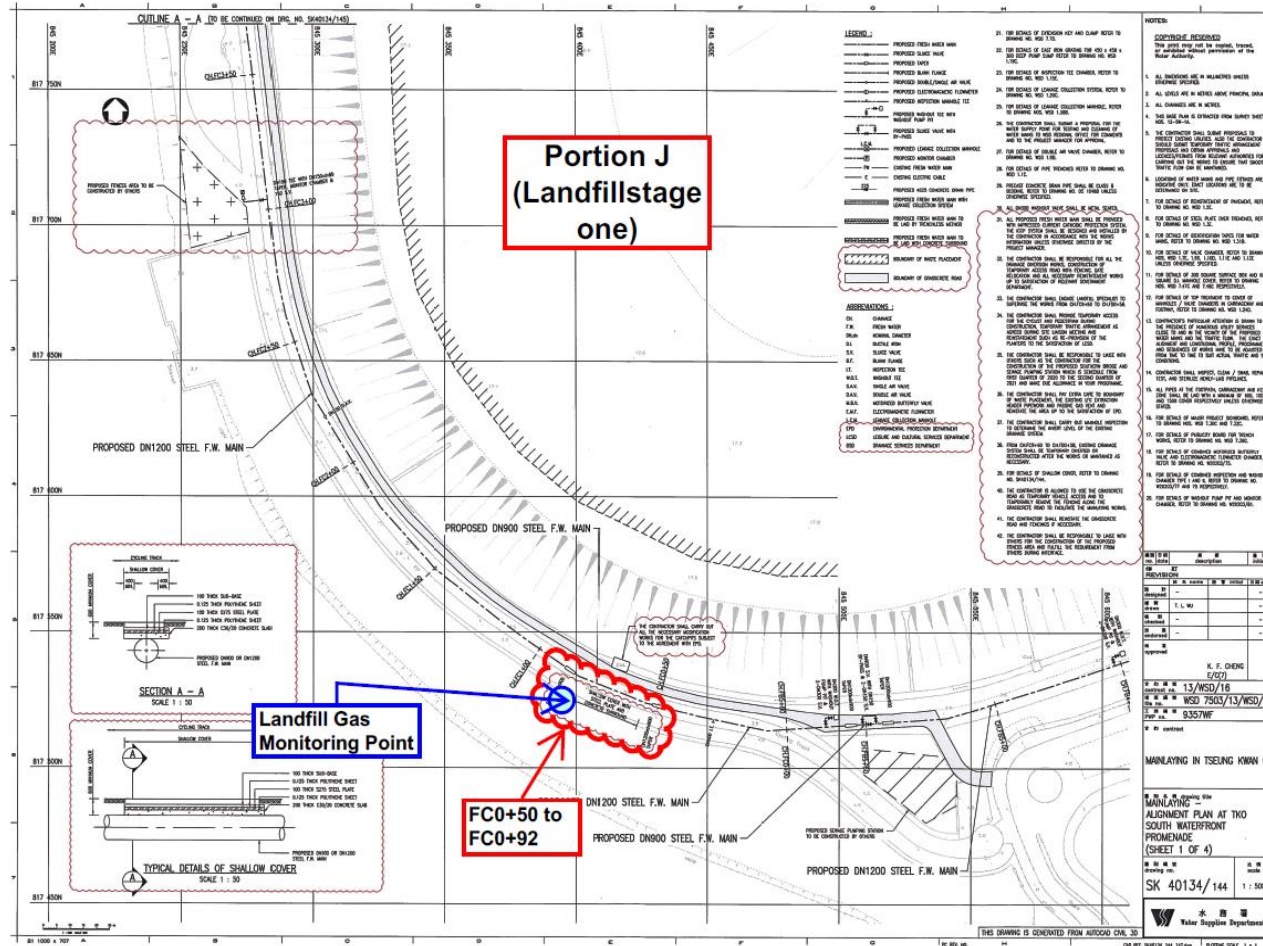


Figure D9b: Location Plan for Portion J – Landfill Stage 1 (FC0+50-FC0+92)

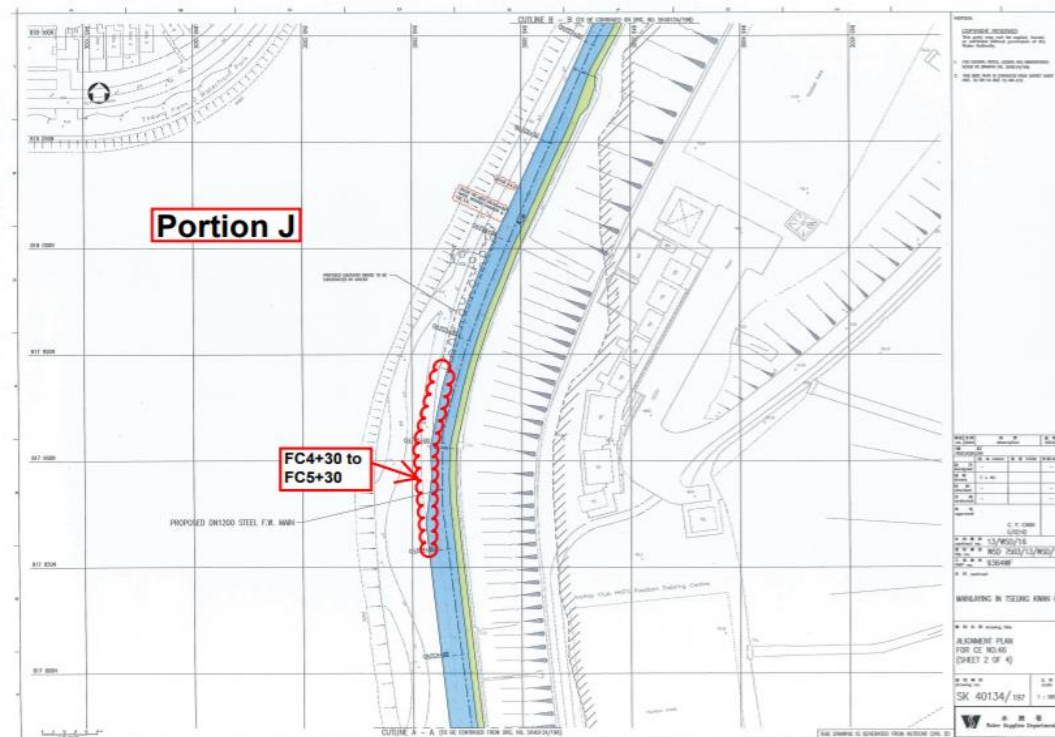


Figure D9c: Location Plan for Portion J – Landfill Stage 1 (FC4+30-FC5+30)

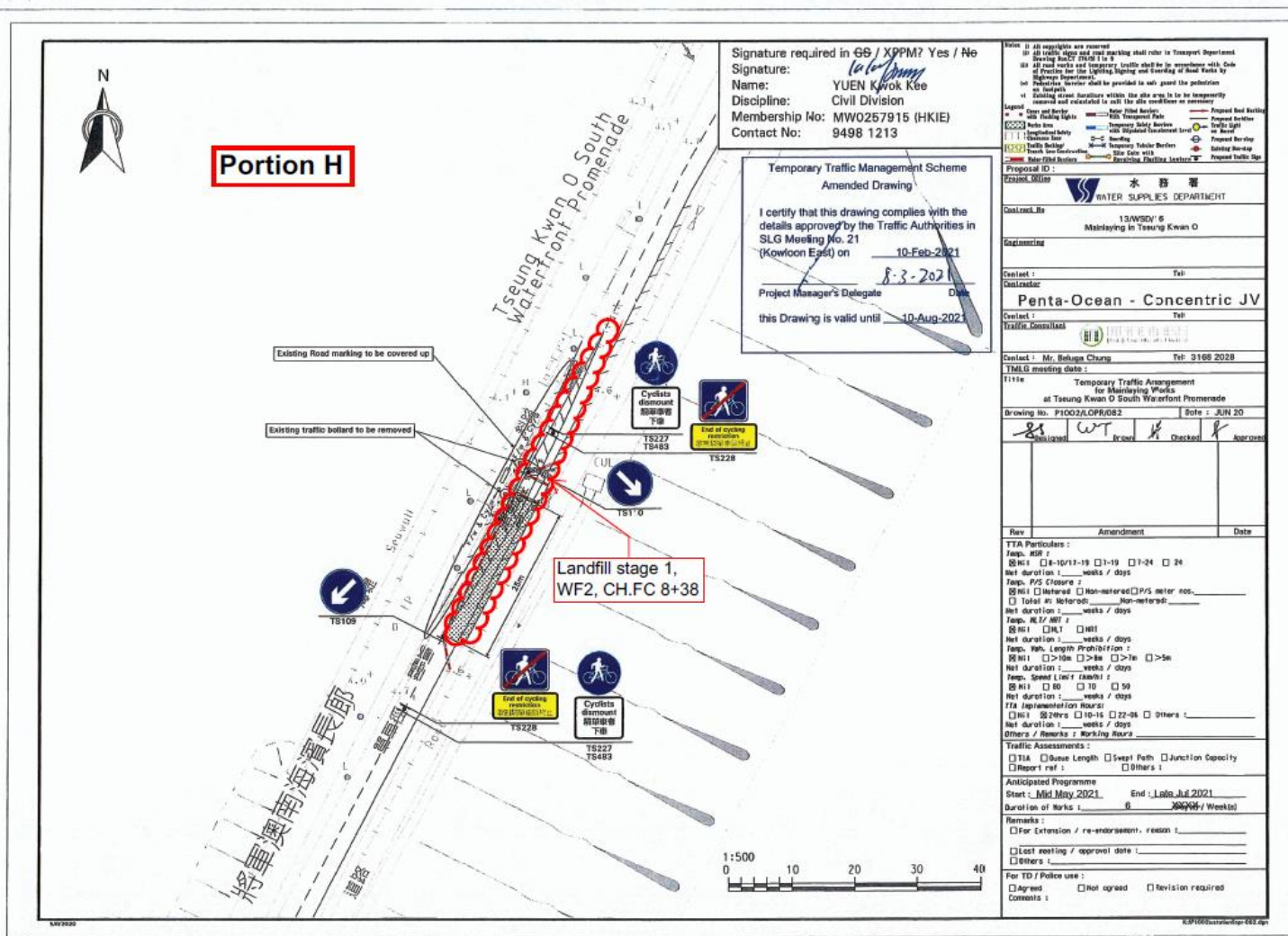


Figure B9d. Location Plan – Landfill Stage 1 (Area FC8+38)

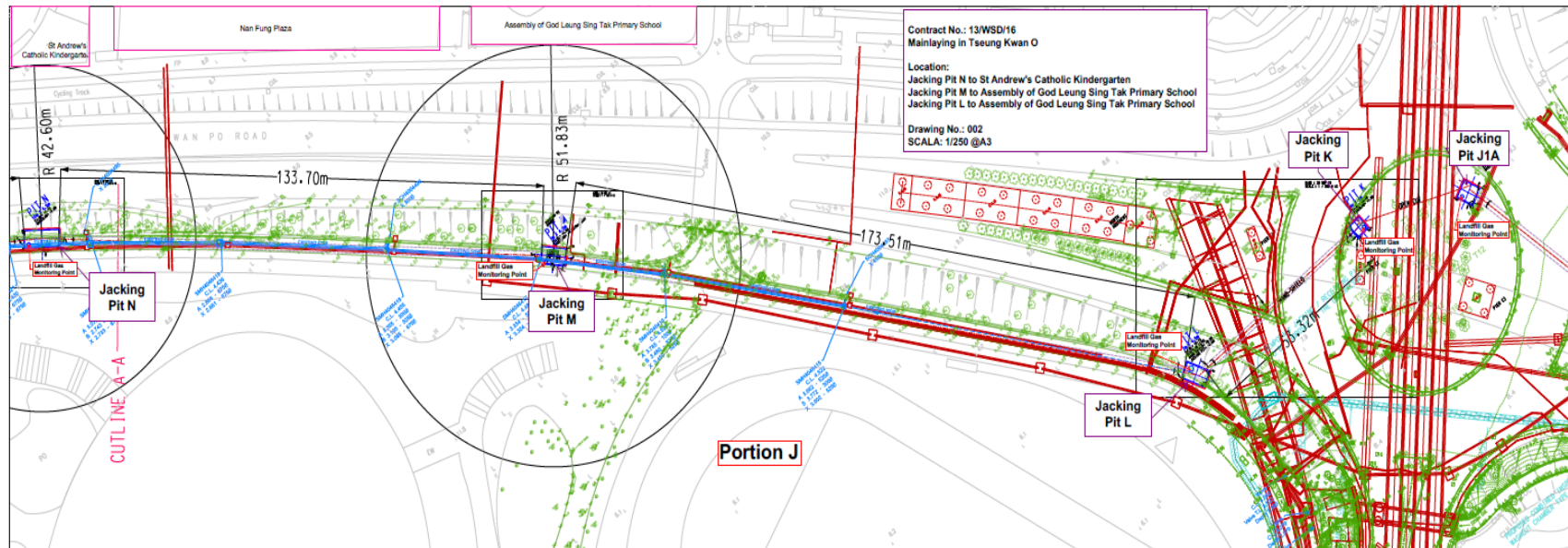


Figure D10a: Location Plan for Portion J – Pit L-M-N, J1A, K

Contract No. 13/WSD/16
 Mainlaying in Tseung Kwan O
 13th Quarterly EM&A Report for Aug 2021 to Oct 2021

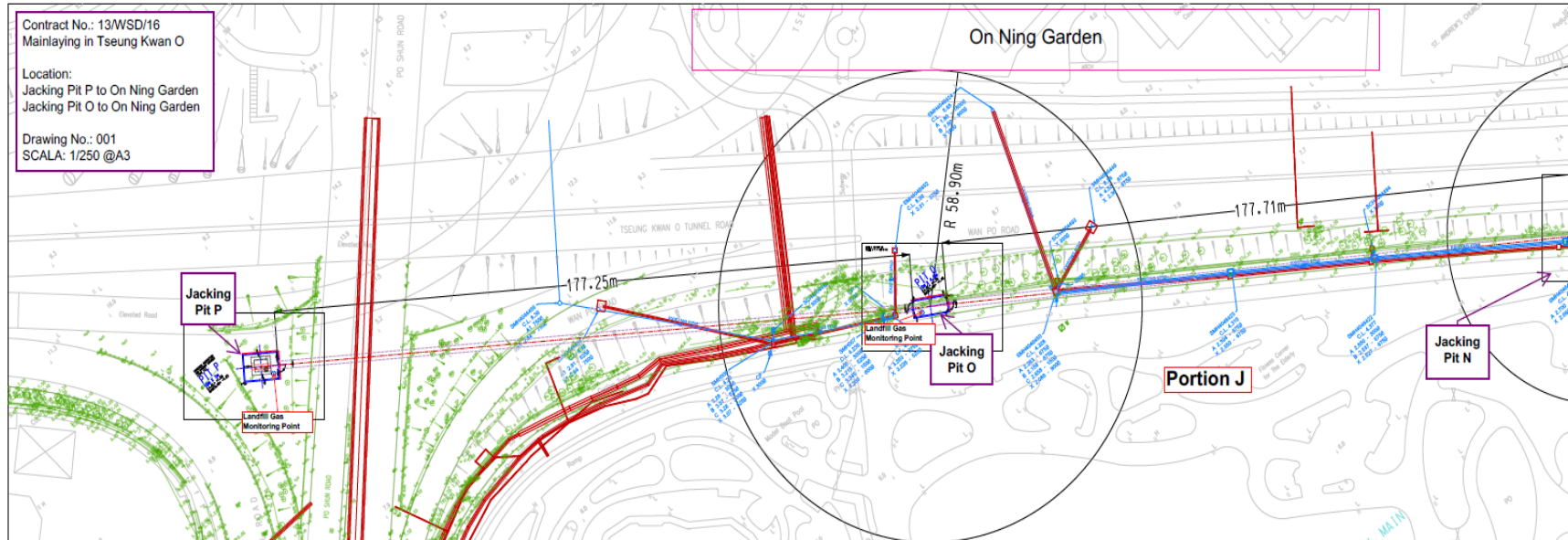


Figure D10b: Location Plan for Portion J – Pit N-O-P

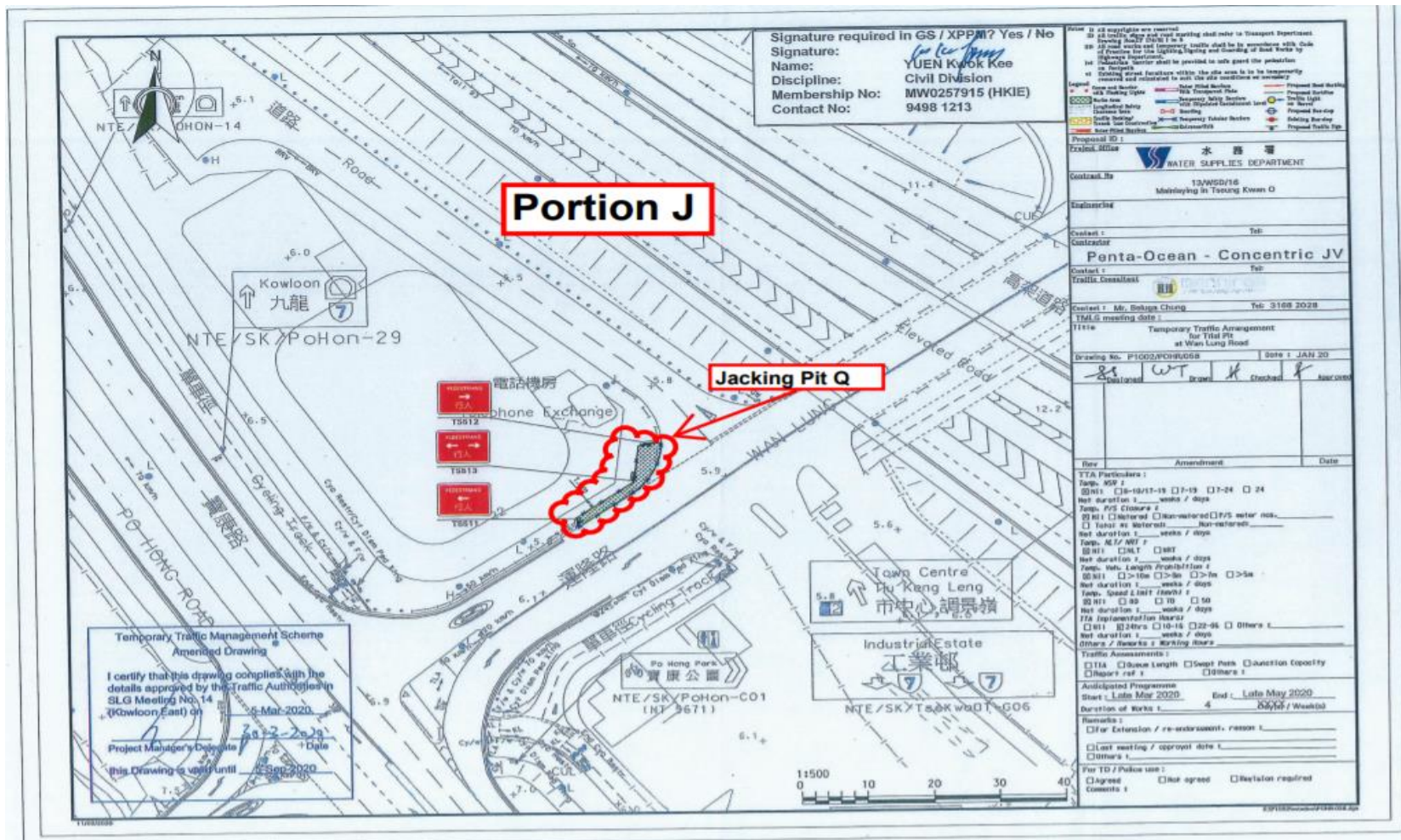


Figure D10c: Location Plan for Portion J – Pit Q

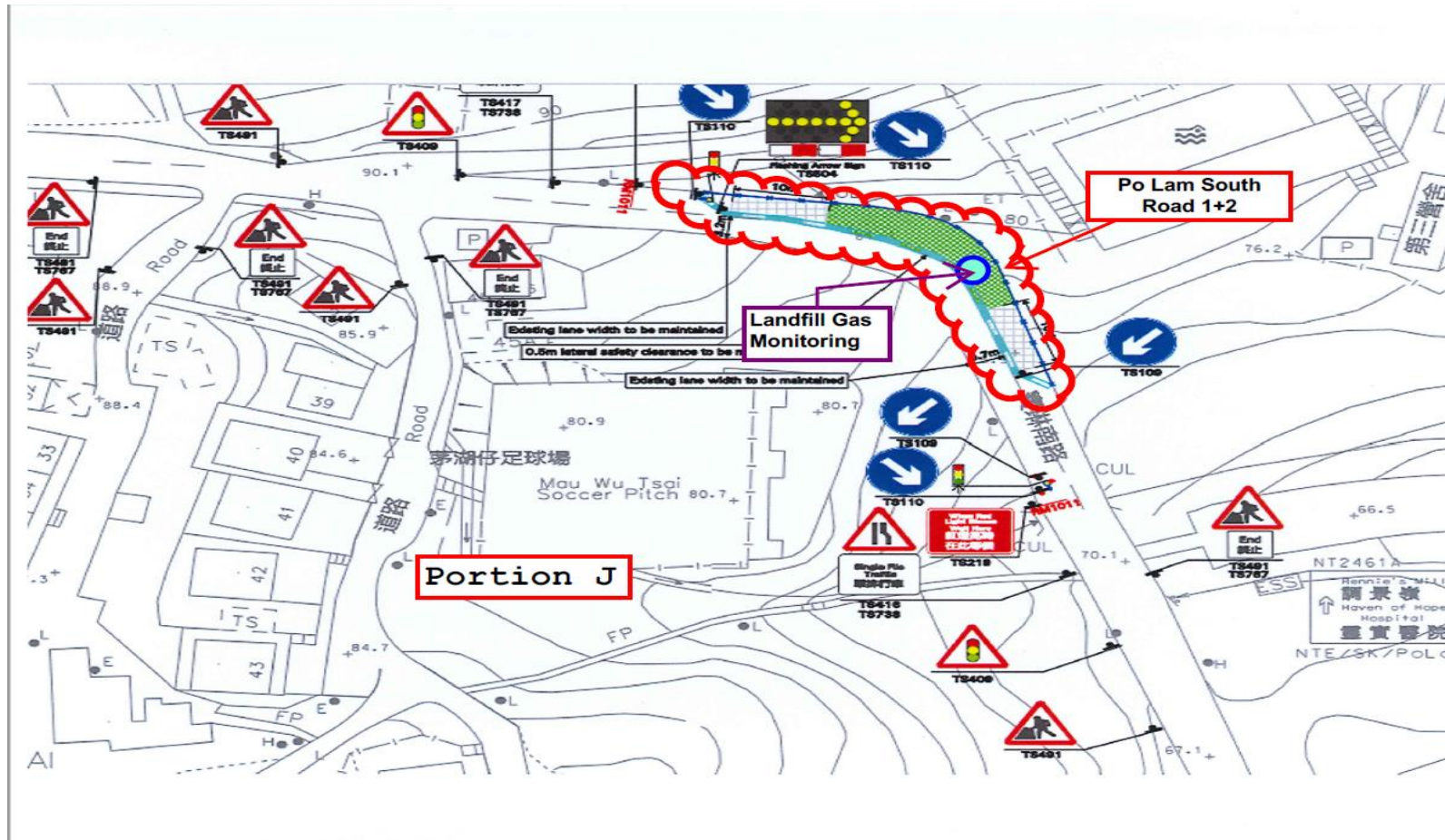


Figure D11: Location Plan for Portion J – Po Lam South Road

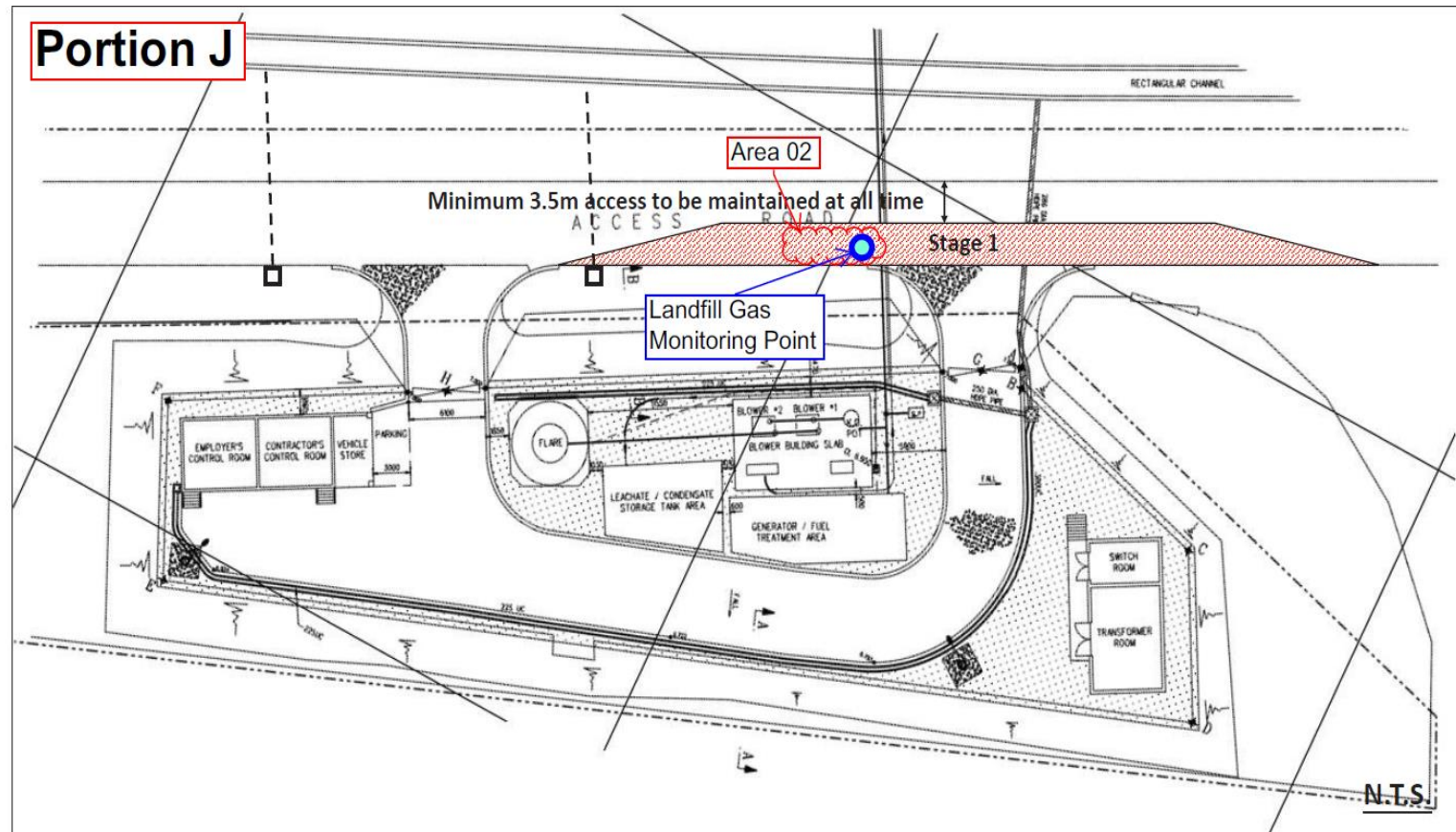


Figure D12: Location Plan for Portion J – Area A02

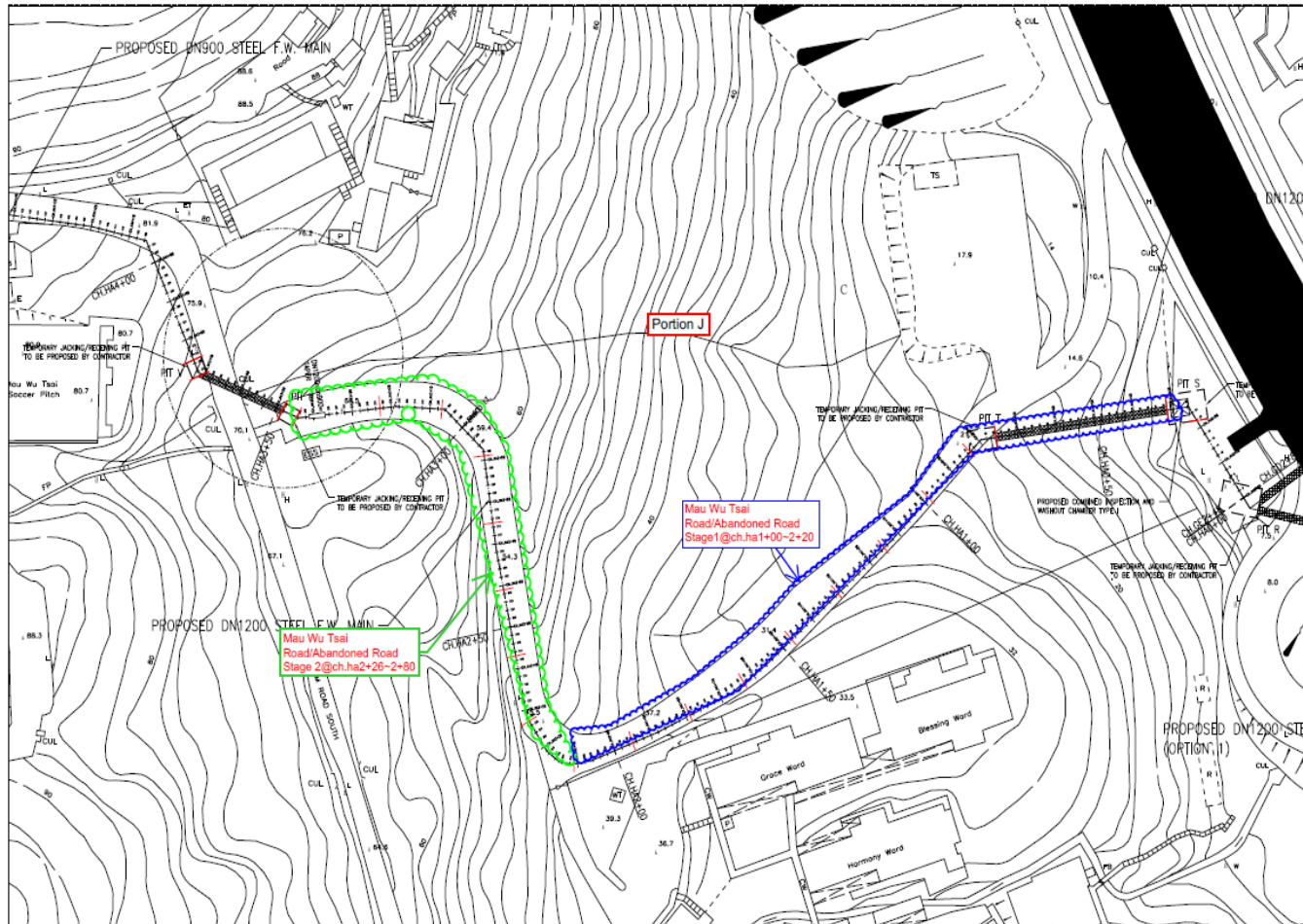


Figure D13: Location Plan for Portion J – Abandoned Mau Wu Tsai Road

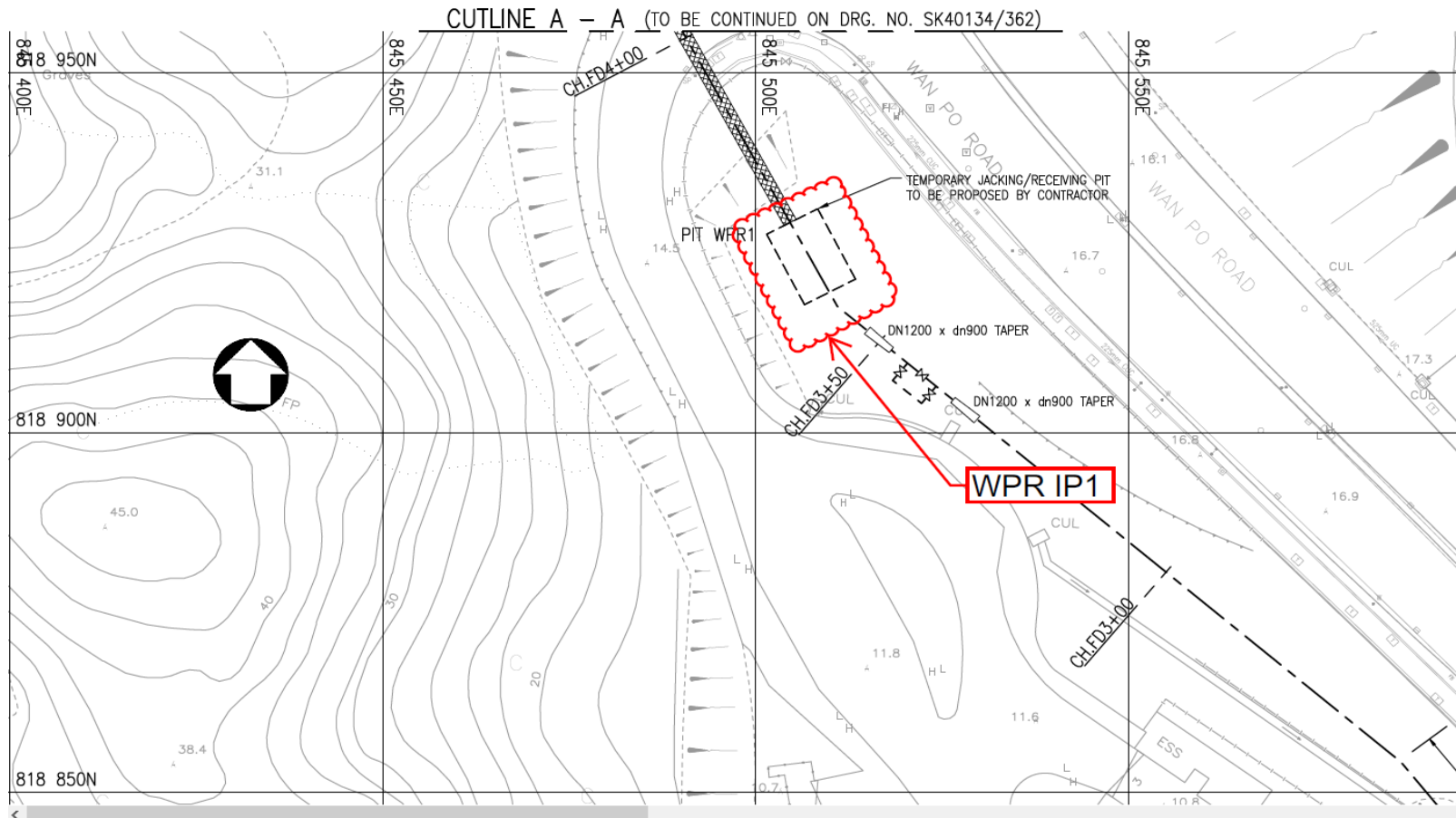


Figure D14: Location Plan for Portion J – WPR IP1

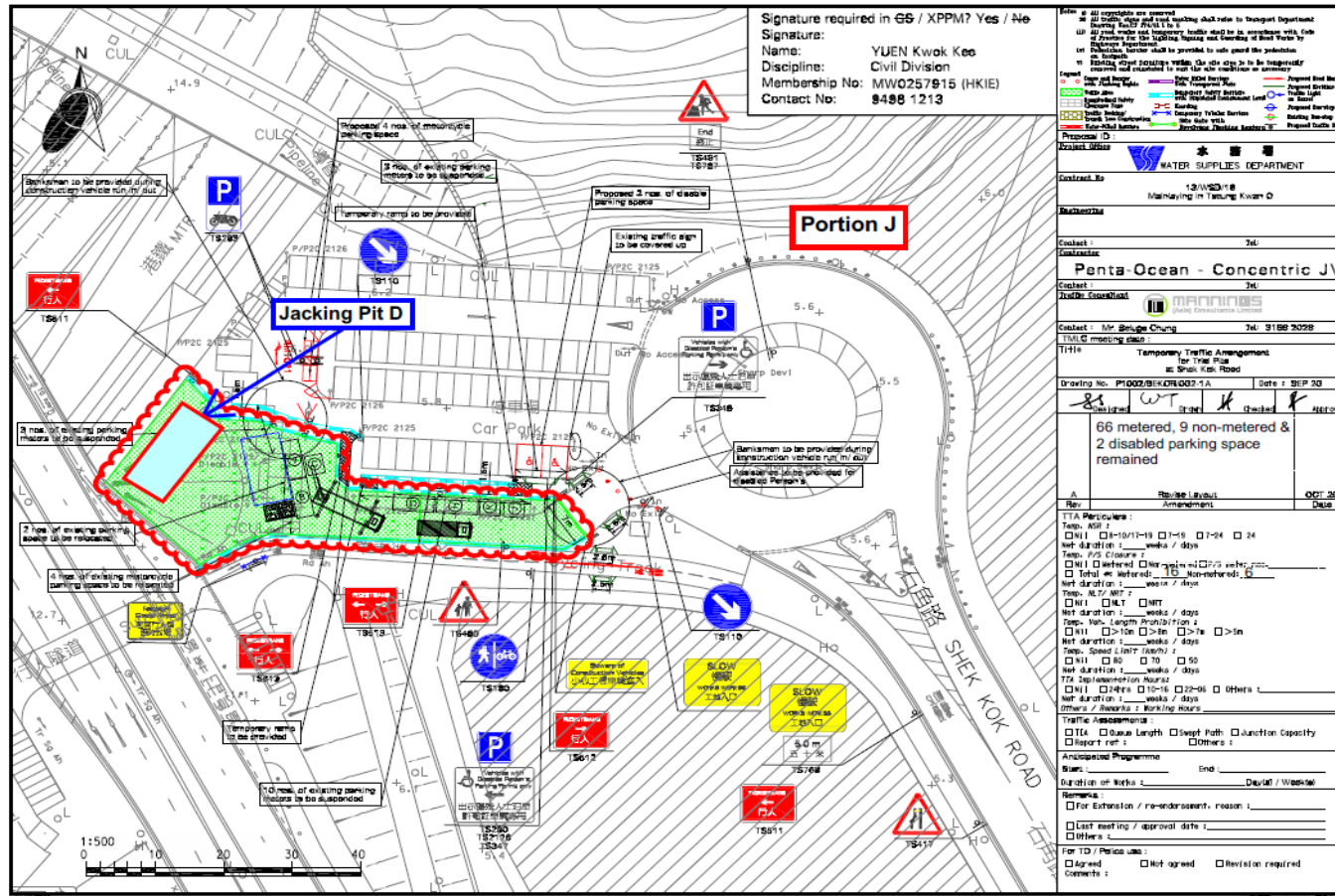


Figure D15: Location Plan for Portion J – Jacking Pit D

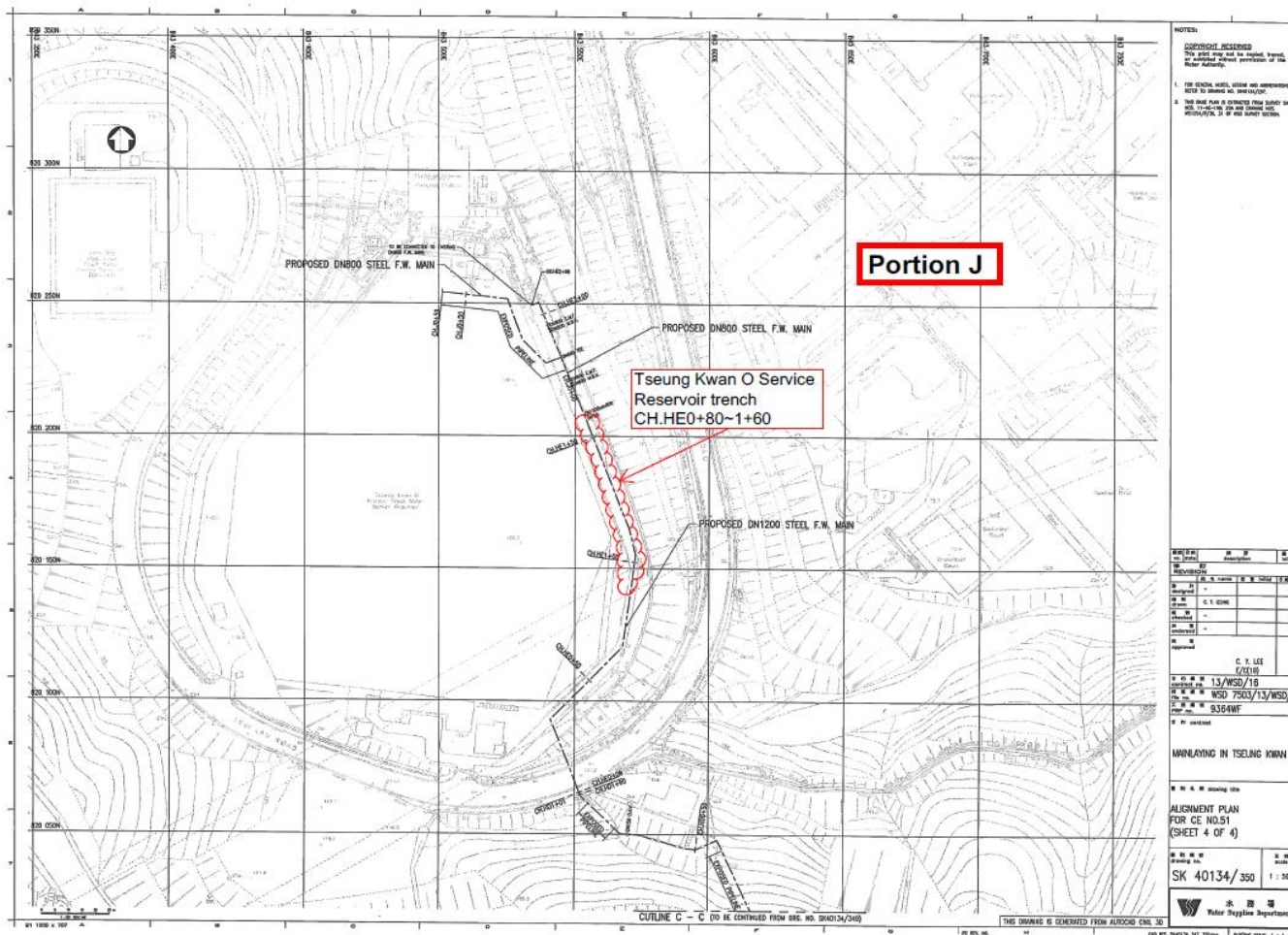


Figure D16: Location Plan for Portion J – CE.HE0+80~1+60

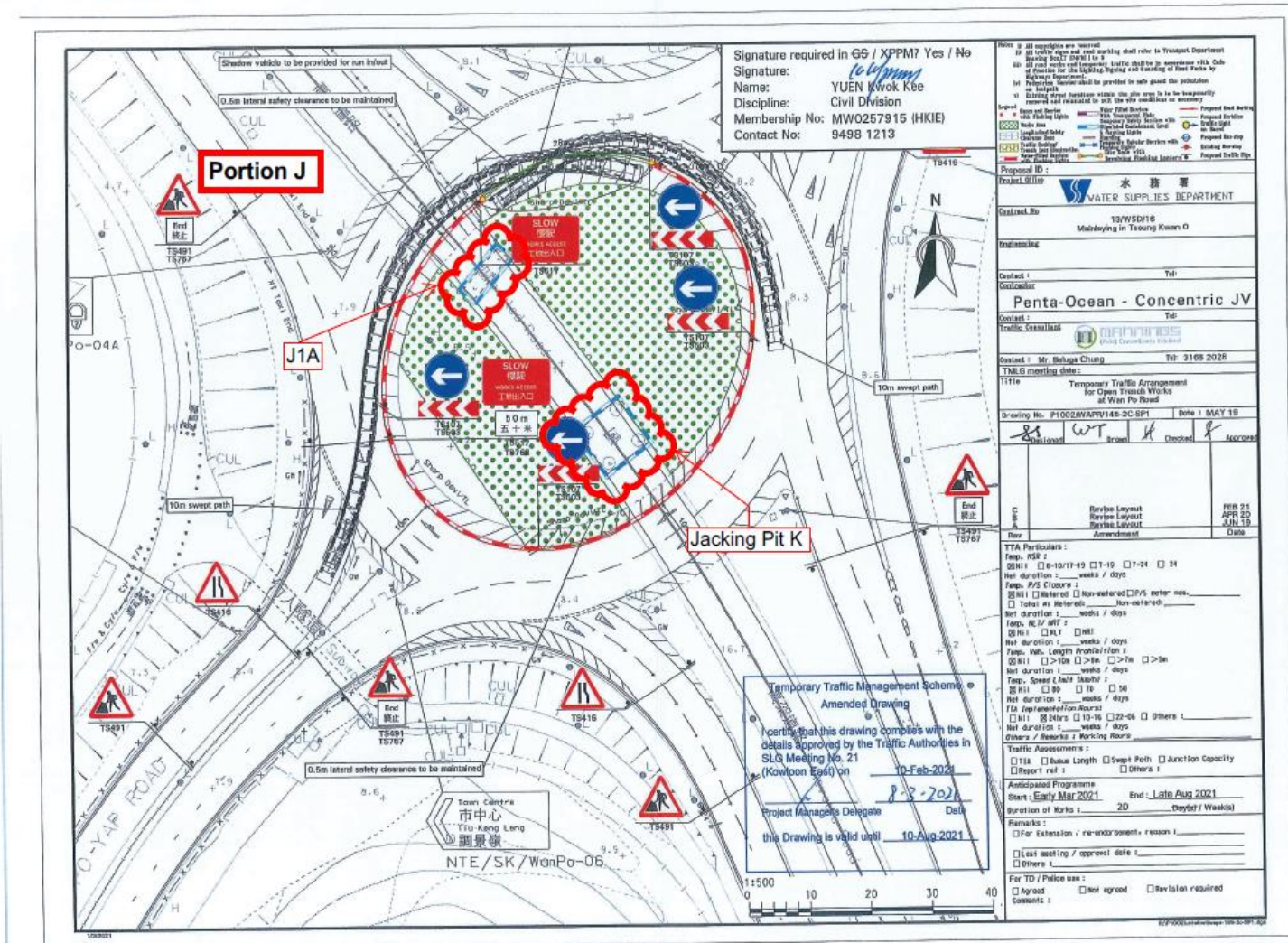


Figure D17: Location Plan for Portion J – Pit K

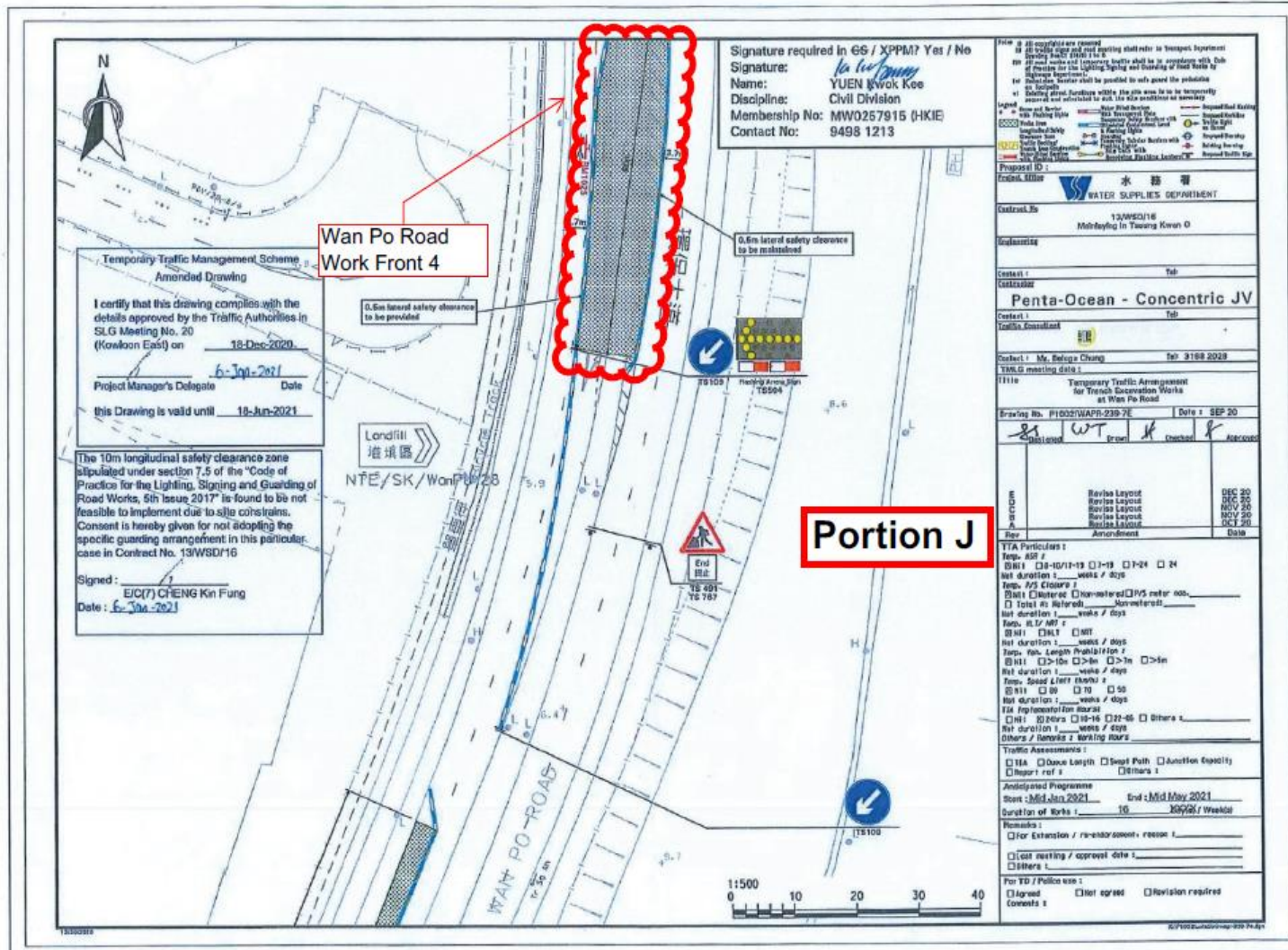


Figure D18a: Location Plan for Portion J – Wan Po Road 4

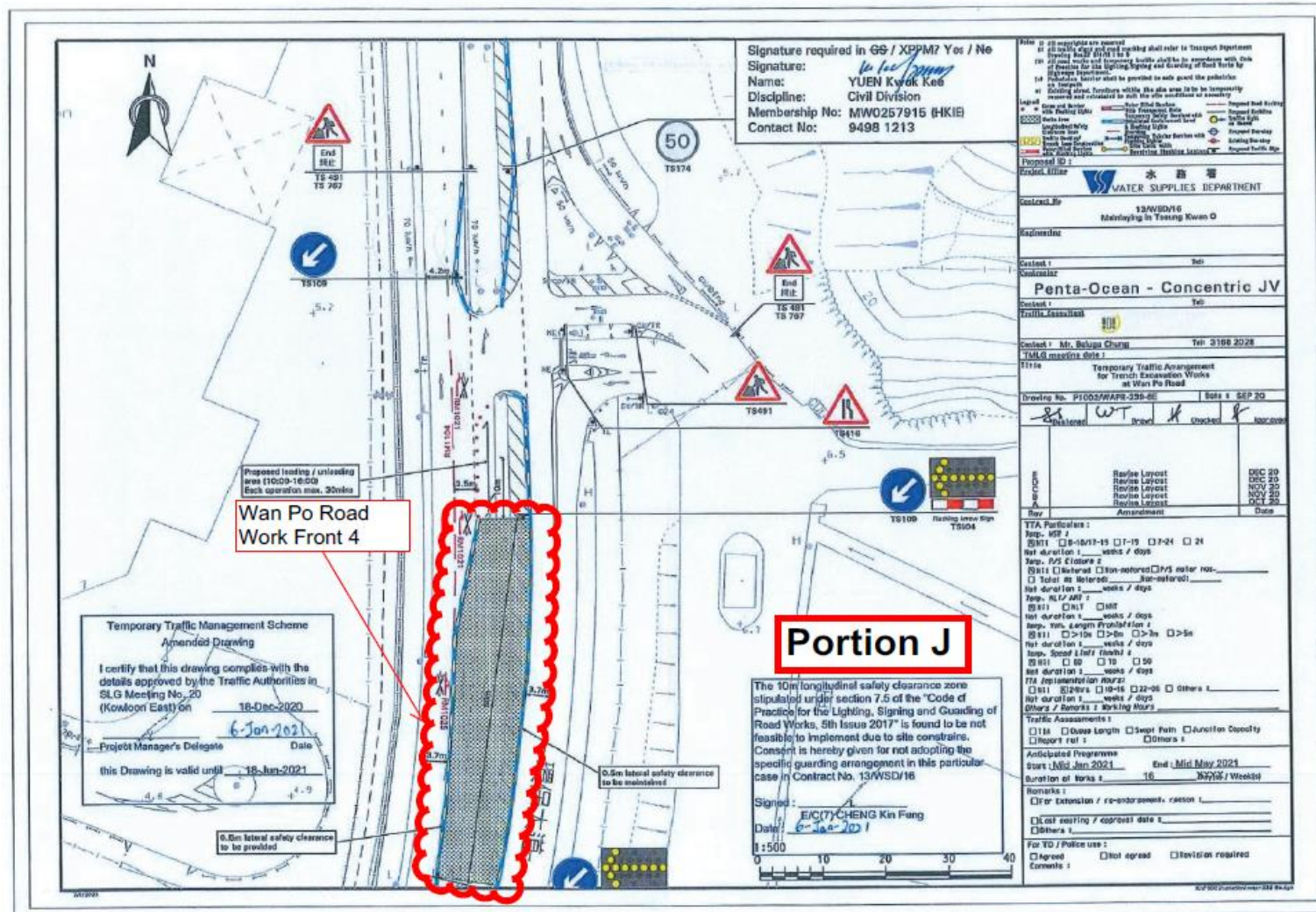


Figure D18b: Location Plan for Portion J – Wan Po Road 4

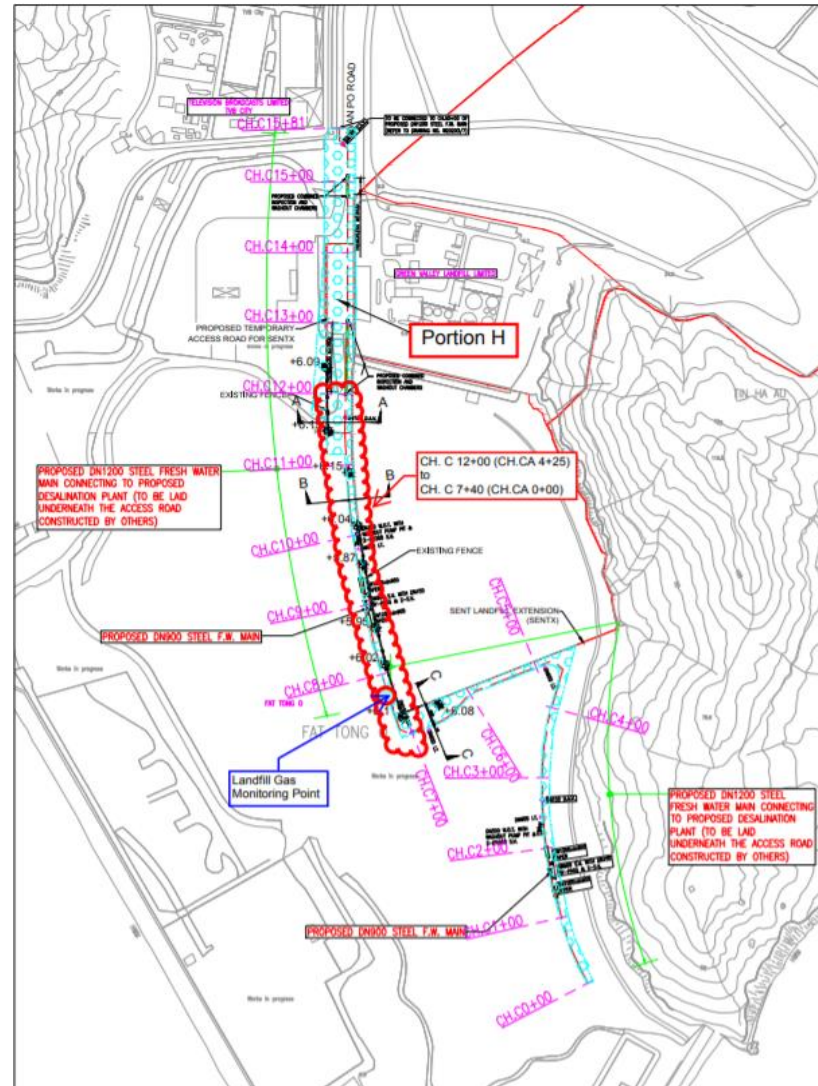


Figure D19. Location Plan for Portion H– CH.C 7+40 (CH.CA 0+00) to CH.C 12+00 (CH.CA 04+25)

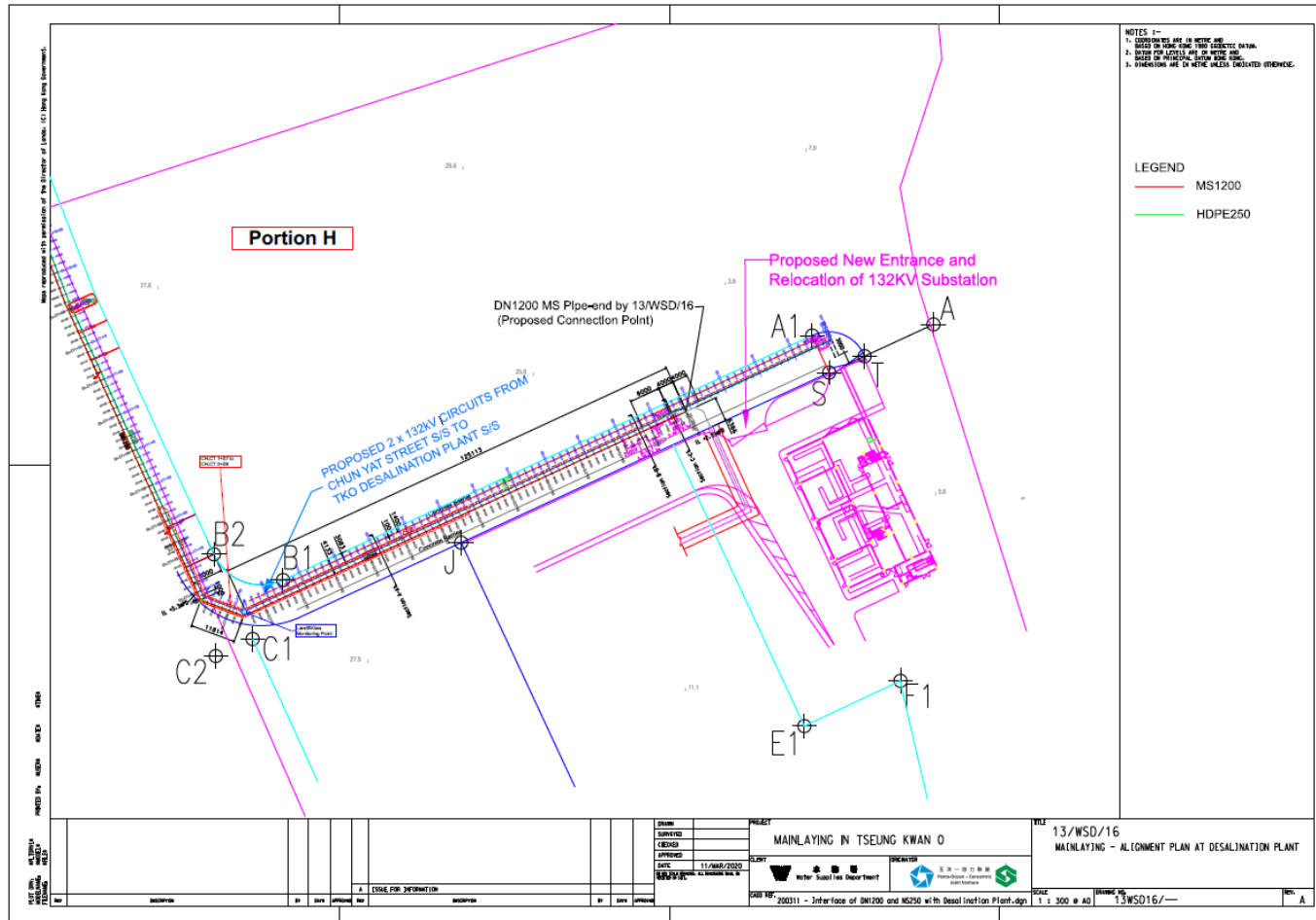


Figure D20a. Location Plan for Portion H: CH.CT 0+07 – 2+58

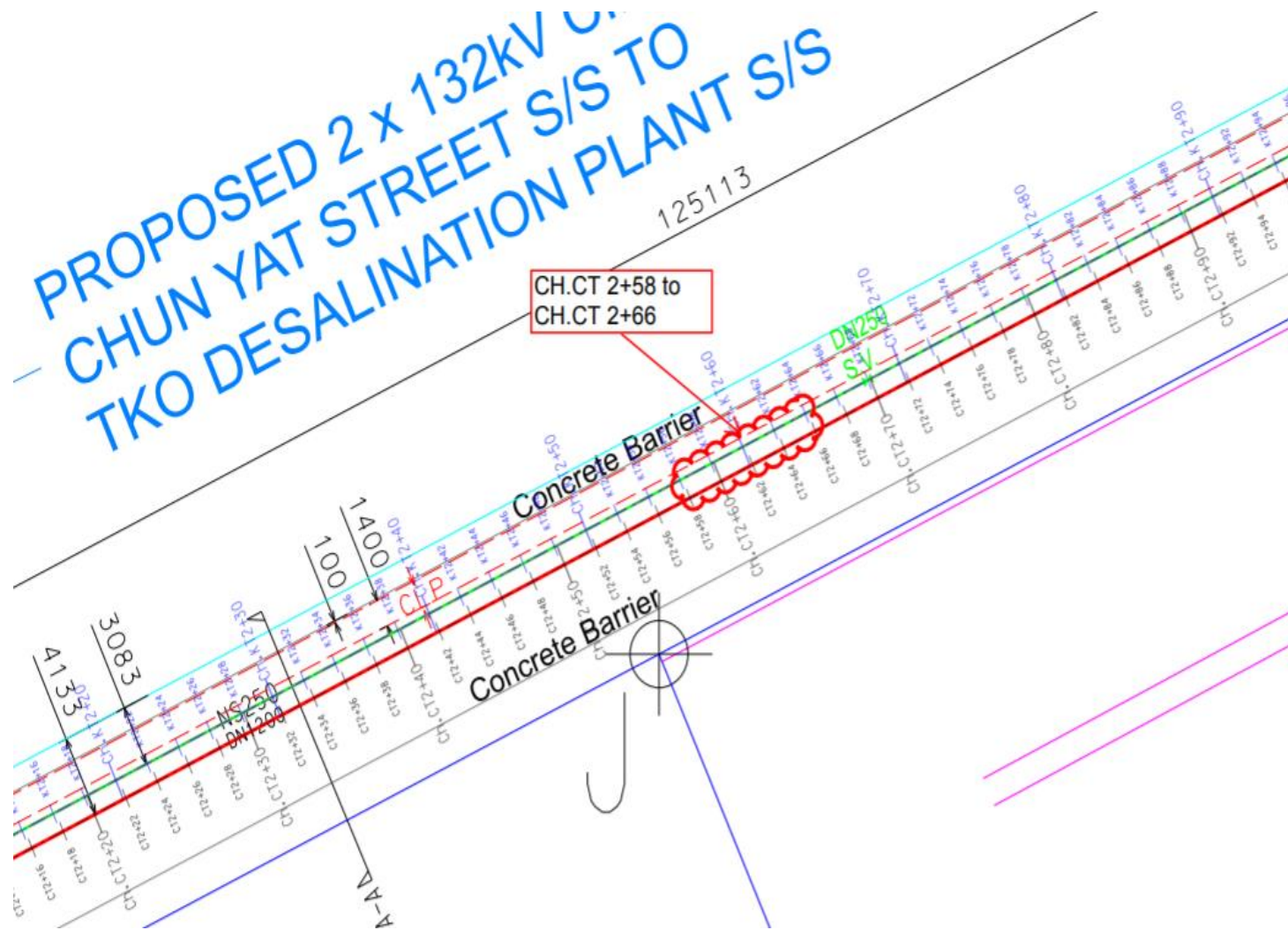


Figure D20b. Location Plan for Portion H: CH.CT 2+58 – 2+66

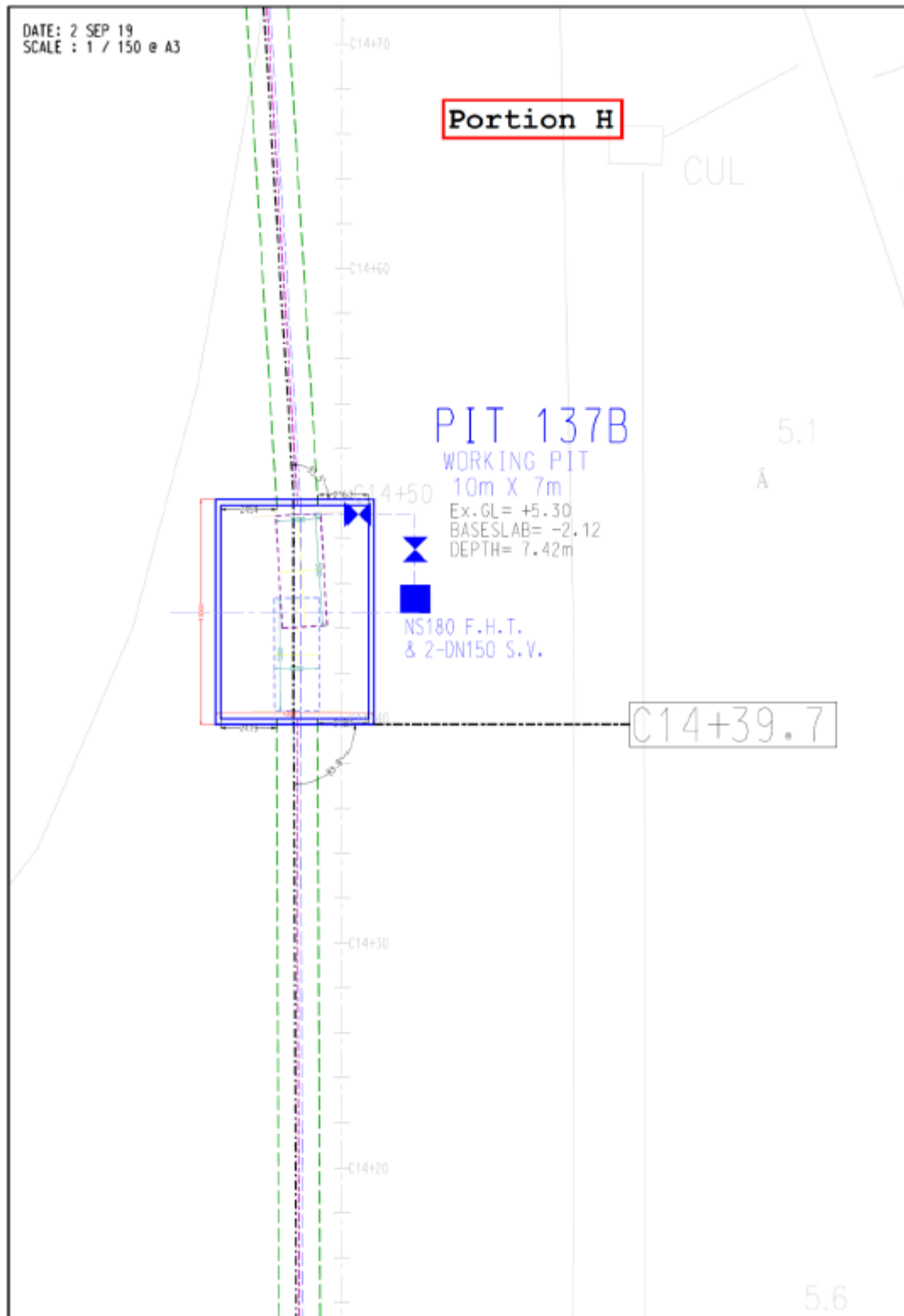


Figure D21a. Location Plan for Portion H – Pit 137 B

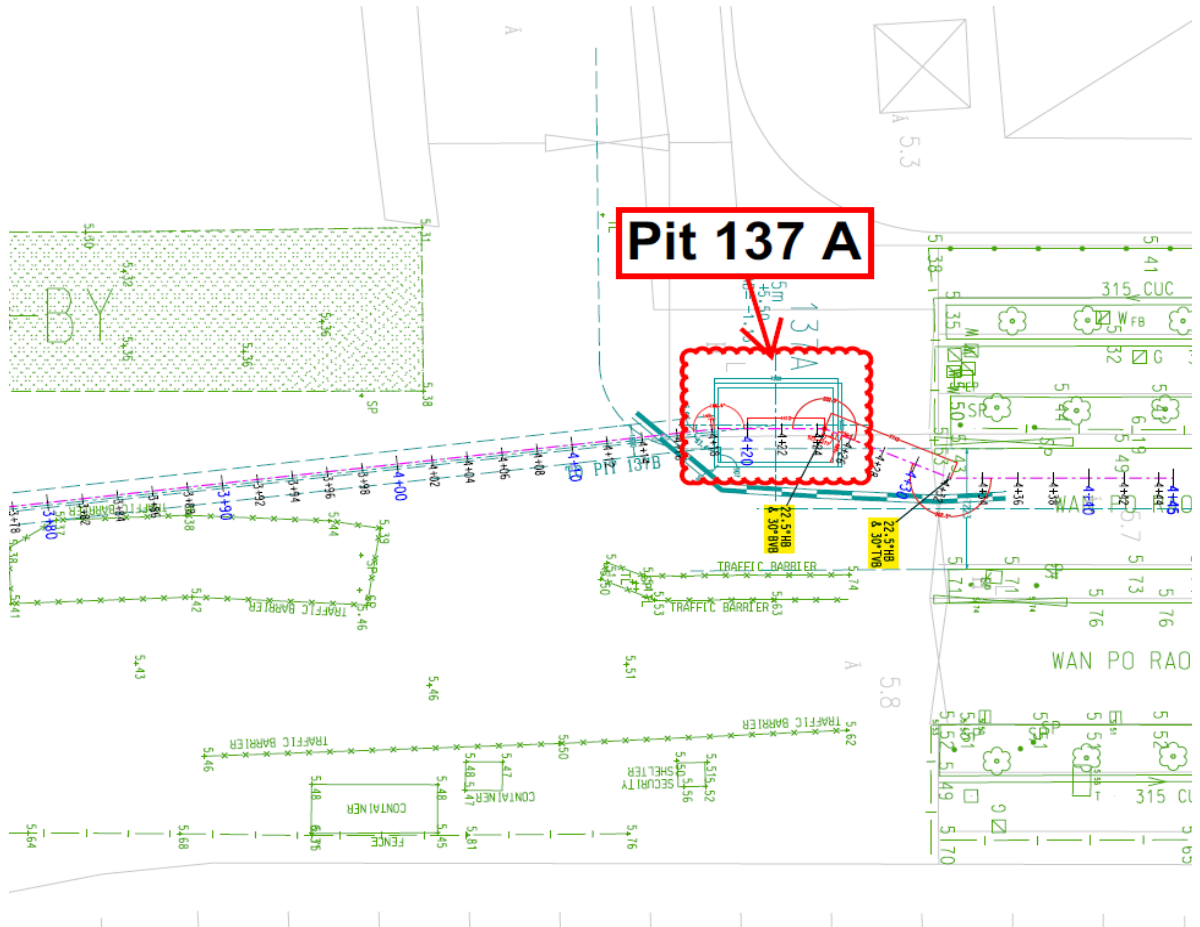


Figure D21b. Location Plan for Portion H- Pit 137A

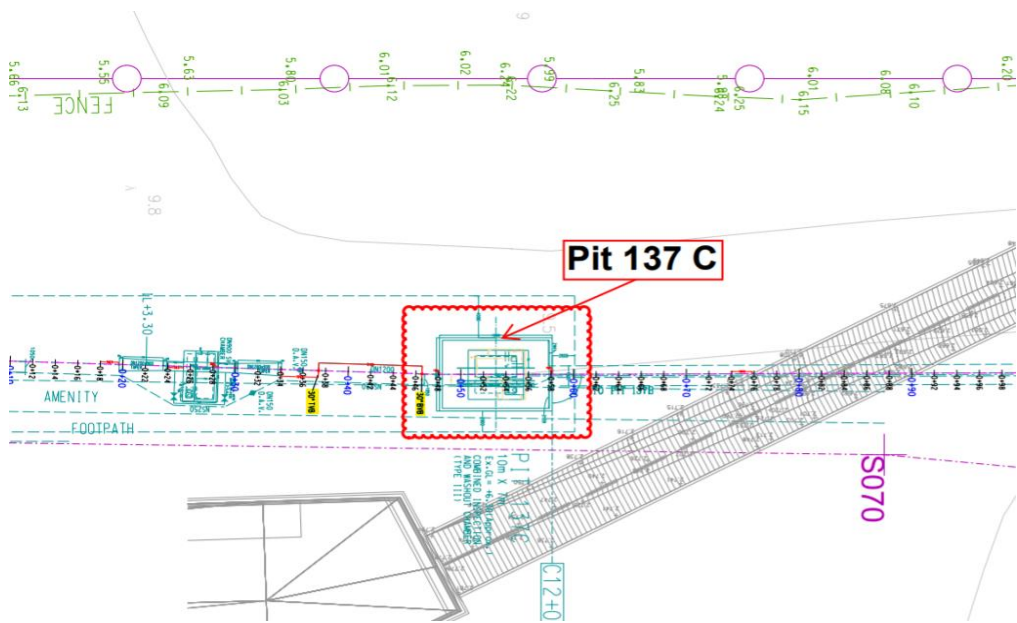


Figure D21c. Location Plan for Portion H- Pit 137C

Appendix E

Waste Flow Table

Monthly Summary Waste Flow Table

Name of Department: WSD Contract No. / Works Order No.: 13/WSD/16

Monthly Summary Waste Flow Table for Aug 2021 to Oct 2021

Month	Actual Quantities of <u>Inert</u> Construction Waste Generated Monthly					
	Total Quantity Generated (see Note 4)	Hard Rock and Large Broken Concrete (see Note 3)	Reused in the Contract	Reused in other Projects	Disposed of as Public Fill	Imported Fill (see Note 1)
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)
2018	1.157	0.063	0.000	0.000	1.157	0.518
2019	5.178	0.043	2.211	0.000	2.520	3.200
2020	13.173	1.506	0.291	0.000	12.878	1.323
Jan 2021	2.438	0.120	0.000	0.000	2.438	0.127
Feb-2021	1.702	0.224	0.000	0.000	1.702	0.537
Mar-2021	2.780	0.163	0.000	0.000	2.780	1.361
Apr-2021	2.338	0.271	0.222	0.000	2.116	0.629
May-2021	2.265	0.125	0.360	0.000	1.906	0.340
Jun-2021	2.017	0.135	0.221	0.000	1.796	1.148
Jul-2021	2.003	0.059	0.109	0.000	1.894	1.352
Aug-2021	1.223	0.026	0.455	0.000	1.223	0.590
Sep-2021	2.584	0.097	0.911	0.000	1.673	0.746
Oct-2021	1.857	0.060	0.252	0.000	1.605	0.653
Total for 2021	21.207	1.280	2.530	0.000	19.133	7.483

Month	Actual Quantities of <u>Non-inert</u> Construction Waste Generated Monthly				
	Metals	Paper/ cardboard packaging	Plastics (see Note 2)	Chemical Waste	Others, e.g. General Refuse disposed at Landfill
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ³)
2018	0.000	0.417	0.000	0.000	0.139
2019	0.000	0.062	0.000	0.000	0.102
2020	0.000	0.606	0.000	0.000	0.043
Jan 2021	0.000	0.065	0.000	0.000	0.006
Feb-2021	0.000	0.058	0.000	0.000	0.012
Mar-2021	0.000	0.055	0.000	0.000	0.002
Apr-2021	0.000	0.045	0.000	0.000	0.008
May-2021	0.000	0.049	0.000	0.000	0.006
Jun-2021	0.000	0.051	0.000	0.000	0.000
Jul-2021	0.000	0.052	0.000	0.000	0.005
Aug-2021	0.000	0.048	0.000	0.000	0.000
Sep-2021	0.000	0.037	0.000	0.000	0.002
Oct-2021	0.000	0.042	0.000	0.000	0.002
Total for 2021	0.000	0.502	0.000	0.000	0.043

Notes:

1. The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
2. Plastic refer to plastic bottles/containers, plastic sheets/foam from packaging materials.
3. Broken concrete for recycling into aggregate.

Appendix F

Summary of Implementation Status of Environmental Mitigation

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
Air Quality								
S4.8.1	Impervious dust screen or sheeting will be provided to enclose scaffolding from the ground floor level of building for construction of superstructure of the new buildings.	Land site/ During Construction	Contractor(s)		✓		N/A	Air Pollution Control (Construction Dust)
S4.8.1	Impervious sheet will be provided for skip hoist for material transport.	Land site/ During Construction, particularly dry season	Contractor(s)		✓		N/A	
S4.8.1	The area where dusty work takes place should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after dusty activities as far as practicable.	Land site/ During Construction	Contractor(s)		✓		Implemented, reminder and observation issued. Rectified after observation.	
S4.8.1	All dusty materials should be sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation.	Land site/ During Construction	Contractor(s)		✓		Implemented, reminder and observation issued. Rectified after observation.	
S4.8.1	Dropping heights for excavated materials should be controlled to a practical height to minimise the fugitive dust arising from unloading.	Land site/ During Construction	Contractor(s)		✓		Implemented	
S4.8.1	During transportation by truck, materials should not be loaded to a level higher than the side and tail boards, and should be dampened or covered before transport.	Land site/ During Construction	Contractor(s)		✓		Implemented	

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
S4.8.1	Wheel washing device should be provided at the exits of the work sites. Immediately before leaving a construction site, every vehicle shall be washed to remove any dusty material from its body and wheels as far as practicable.	Land site/ During Construction	Contractor(s)		✓		N/A	
S4.8.1	Road sections between vehicle-wash areas and vehicular entrance will be paved.	Land site/ During Construction	Contractor(s)		✓		N/A	
S4.8.1	Hoarding of not less than 2.4m high from ground level will be provided along the length of the Project Site boundary.	Land site/ During construction	Contractor(s)	✓	✓		N/A	
S4.8.1	Haul roads will be kept clear of dusty materials and will be sprayed with water so as to maintain the entire road surface wet at all times.	Land site/ During construction	Contractor(s)		✓		Implemented	
S4.8.1	Temporary stockpiles of dusty materials will be either covered entirely by impervious sheets or sprayed with water to maintain the entire surface wet all the time.	Land site/ During construction	Contractor(s)		✓		Implemented, rectified after observation	
S4.8.1	Stockpiles of more than 20 bags of cement, dry pulverised fuel ash and dusty construction materials will be covered entirely by impervious sheeting sheltered on top and 3-sides.	Land site/ During construction	Contractor(s)		✓		Implemented	
S4.8.1	All exposed areas will be kept wet always to minimise dust emission.	Land site/ During construction	Contractor(s)		✓		Reminder and observation issued. Rectified after observation.	

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
S4.8.1	Ultra-low-sulphur diesel (ULSD) will be used for all construction plant on-site, as defined as diesel fuel containing not more than 0.005% sulphur by weight) as stipulated in Environment, Transport and Works Bureau Technical Circular (ETWB-TC(W)) No 19/2005 on Environmental Management on Construction Sites.	Land site/ During construction/ During Operation	Contractor(s)		✓	✓	Implemented	Environment, Transport and Works Bureau Technical Circular (ETWB- TC(W)) No 19/2005 on Environmental Management on Construction Sites
S4.8.1	The engine of the construction equipment during idling will be switched off.	Land site/ During construction	Contractor(s)		✓		Implemented	
S4.8.1	Concrete batching plant will be required on site. control measures recommended in the Guidance Note on a Best Practicable Means for Cement Works (Concrete Batching Plant) (BPM 3/2 (93)) will be implemented. The control measures recommended in the Guidance Note on a Best Practicable Means for Cement Works (Concrete Batching Plant) (BPM 3/2 (93)) will be implemented.	Land site/ During construction	Contractor(s)		✓		N/A	Guidance Note on a Best
S4.8.1	Regular maintenance of construction equipment deployed on-site will be conducted to prevent black smoke emission.	Land site/ During construction	Contractor(s)		✓		Implemented	
S4.10	To ensure proper implementation of the recommended dust mitigation measures and good construction site practices during the construction phase, environmental site audits on weekly basis is recommended throughout the construction period.	Land site/ During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	

Note: D – Design stage C – Construction O – Operation

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
Noise								
S5.7	Only well-maintained plant will be operated on-site and plant will be serviced regularly during the construction phase.	All area/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Silencers or mufflers on construction equipment will be utilised and will be properly maintained during the construction phase.	Noise control/ During construction	Contractor(s)		✓		NA	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Mobile plant, if any, will be sited as far away from NSRs as possible.	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Machines and plant (such as trucks) that may be in intermittent use will be shut down between work periods or will be throttled down to a minimum.	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Plants known to emit noise strongly in one direction will, wherever possible, be orientated so that the noise is directed away from the nearby NSRs.	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Material stockpiles and other structures will be effectively utilised, wherever practicable, in screening noise from on-site construction activities.	Noise control/ During construction	Contractor(s)		✓		N/A	A Practical Guide for the Reduction of Noise from Construction Works,

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
S5.7	Use of Quite Powered Mechanical Equipment (QPME).	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Movable noise barriers of 3m in height with skid footing should be used and located within a few metres of stationary plant and mobile plant such that the line of sight to the NSR is blocked by the barriers. The length of the barrier should be at least five times greater than its height. The noise barrier material should have a superficial surface density of at least 7 kg m ⁻² and have no openings or gaps.	Noise control/ During construction	Contractor(s)		✓		N/A	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	The noise insulating sheet should be deployed such that there would be no opening or gaps on the joints.	Noise control/ During construction	Contractor(s)		✓		N/A	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Construction activities (e.g. excavation/shoring, reinstatement (asphalt), and pipe jacking) will be planned and carried out in sequence, such that items of PME proposed for these activities will not be operated simultaneously.	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	PMEs will not be used at the works areas near educational institutions with residual impact (ie the “influence area” within a radius of 40m) during school hours in order to reduce impact to the educational institutions.	Noise control / During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
S5.7	Noise enclosures or acoustic sheds would be used to cover stationary PME such as generators. Portable/Movable noise enclosure made of material with superficial surface density of at least 7 kg m ⁻² may be used for screening the noise from operation of the saw/groover, concrete.	Noise control/ Pre-construction/ During construction	Contractor(s)	✓	✓		N/A	
S5.9	Sawcutting pavement, breaking up of pavement, excavation /shoring, pipe laying, backfilling, reinstatement (concrete) and pipe jacking shall be scheduled outside the examination period.	Noise control/ Pre-construction/ During construction	Contractor(s)	✓	✓		Implemented	
S5.9	In view the duration of noise exceedance at Creative Secondary School, PLK Laws Foundation College, TKO Kei Tak Primary School and School of Continuing and Professional Studies-CUHK is limited to 8 weeks, the construction work in the influence areas near the four schools shall be scheduled during long school holidays (eg summer holiday, Easter holiday or Christmas holiday, etc) as far as practicable. Scheduling the construction work for the four schools.	Noise control/ Pre-construction/ During construction	Contractor(s)	✓	✓		Implemented	
S5.10	A noise monitoring programme shall be implemented for the construction phase.	Designated monitoring stations as defined in EM&A Manual/During construction phase	Environmental Team (ET)		✓		Implemented	
S5.10	The effectiveness of on-site control measures could also be evaluated through the regular site audits.	All facilities/ During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	-

Note: D – Design stage C – Construction O – Operation

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
Water Quality								
S6.9	Dredged marine sediment will be disposed of in a gazetted marine disposal area in accordance with marine dumping permit conditions of the Dumping at Sea Ordinance (DASO).	Marine Dredging/ During construction	Contractor(s)		✓		N/A	Dumping at Sea Ordinance (DASO)
S6.9	Disposal vessels will be fitted with tight bottom seals in order to prevent leakage of material during transport.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	Barges will be filled to a level, which ensures that material does not spill over during transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	After dredging, any excess materials will be cleaned from decks and exposed fittings before the vessel is moved from the dredging area.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	All vessels should be well maintained and inspected before use to limit any potential discharges to the marine environment.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	All vessels must have a clean ballast system.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	No discharge of sewage/grey wastewater should be allowed. Waste water from potentially contaminated area on working vessels should be minimized and collected. These kinds of wastewater should be brought back to port and discharged at appropriate collection and treatment system.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	No soil waste is allowed to be disposed overboard.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
S6.9	Silt removal facilities such as silt traps or sedimentation facilities will be provided to remove silt particles from runoff to meet the requirements of the TM standard under the WPCO. The design of silt removal facilities will be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures will be inspected on a regular basis and maintained to confirm proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit will be removed regularly.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented, rectified after observation and reminder	ProPECC PN 1/94 TM Standard under the WPCO
S6.9	Earthworks to form the final surfaces will be followed up with surface protection and drainage works to prevent erosion caused by rainstorms.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	-
S6.9	Appropriate surface drainage will be designed and provided where necessary.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	-
S6.9	The precautions to be taken at any time of year when rainstorms are likely together with the actions to be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarised in Appendix A2 of ProPECC PN 1/94.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	ProPECC PN 1/94
S6.9	Oil interceptors will be provided in the drainage system where necessary and regularly emptied to prevent the release of oil and grease into the storm water drainage system after accidental spillages.	Land site & drainage/ During construction	Contractor(s)		✓		N/A	-
S6.9	Temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge, if any, will be adequately designed for the controlled release of storm flows.	Land site & drainage/ During construction	Contractor(s)		✓		N/A	-

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
S6.9	The temporary diverted drainage, if any, will be reinstated to the original condition when the construction work has finished or when the temporary diversion is no longer required.	Land site & drainage/ During construction	Contractor(s)		✓		N/A	-
S6.9	Appropriate numbers of portable toilets shall be provided by a licensed contractor to serve the construction workers over the construction site to prevent direct disposal of sewage into the water environment.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	-
S6.9 and S6.12	The sterilization water should be dechlorinated with total residual chlorine (TRC) level below 1 mg/L before discharge to public sewer. In situ testing of TRC should also be conducted for the discharge of chlorinated water for pipeline disinfection to ensure sufficient dechlorination before discharge to public sewer.	Sterilization of water mains prior to commissioning	Contractor(s)		✓	✓	N/A	Technical Memorandum for Effluents Discharged into Drainage and Sewerage Systems Inland and Coastal Waters
S6.9	The cleaning and flushing water should also be treated and desilted to the relevant discharge requirement stipulated in TM-DSS before discharging.	Sterilization of water mains prior to commissioning	Contractor(s)		✓	✓	N/A	Technical Memorandum for Effluents Discharged into Drainage and Sewerage Systems Inland and Coastal Waters
S6.9	Site drainage should be well maintained and good construction practices should be observed to ensure that oil, fuels, solvents and other chemicals are managed, stored and handled properly and do not enter the nearby water streams.	Land site & drainage/ During construction/ During operation	Contractor(s)		✓	✓	Implemented. Observation and reminder issued. Rectified after observation.	-

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
S6.12	Regular site inspections will be carried out in order to confirm that regulatory requirements are being met and that contractors are implementing the standard site practice and mitigation measures as proposed to reduce potential impacts to water quality.	During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	-

Note: D – Design stage C – Construction O – Operation

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
Waste Management								
S8.5	Nomination of approved personnel to be responsible for standard site practices, arrangements for collection and effective disposal to an appropriate facility of all wastes generated at the site.	Contract mobilisation/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Training of site personnel in proper waste management and chemical handling procedures. Training will be provided to workers on the concepts of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling at the beginning of the construction works.	Contract mobilisation/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Provision of sufficient waste disposal points and regular collection for disposal.	All area/ During construction/ During operation	Contractor(s)		✓	✓	Implemented	DEVB TC(W) No. 8/2010, Enhanced Specification for Site Cleanliness and Tidiness.
S8.5	Appropriate measures to reduce windblown litter and dust transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	All area/ During construction	Contractor(s)		✓		Implemented	DEVB TC(W) No. 8/2010, Enhanced Specification for Site Cleanliness and Tidiness.
S8.5	A waste management plan (WMP) as stated in the “ <i>ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites</i> ” for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established and implemented during the construction phase as part of the Environmental Management Plan (EMP). The Contractor will be required to prepare the EMP and submits it to the Architect/ Engineer under the Contract for approval prior to implementation.	All area/ During construction	Contractor(s)		✓		Implemented	ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites
S8.5	Separation of chemical wastes for special handling and appropriate treatment at the Chemical Waste Treatment Centre at Tsing Yi.	All area/ During construction	Contractor(s)		✓		Implemented, reminder issued.	Chapters 2 & 3 Code of Practice on the Packaging, Labelling Storage of Chemical Wastes published under

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
								the Waste Disposal Ordinance (Cap 354), Section 35
S8.5	Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors.	Land site/ During construction	Contractor(s)		✓		Implemented, rectified after observation. Renubder issued.	Waste Disposal Ordinance (Cap 354)
S8.5	A recording system for the amount of wastes generated/ recycled and disposal sites. The trip- ticket system will be included as one of the contractual requirements and implemented by the contractor(s).	Land site/ During construction	Contractor(s)		✓		Implemented	DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5	Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of material and their proper disposal.	Land site/ During construction/ During operation	Contractor(s)		✓		Implemented	WBTC 32/92, The Use of Tropical Hard Wood on Construction Site
S8.5	Encourage collection of aluminium cans and waste paper by individual collectors during construction with separate labelled bins provided to segregate these wastes from other general refuse by the workforce.	Land site/ During construction	Contractor(s)		✓		Implemented	ETWB TCW No. 33/2002, Management of Construction and Demolition Material Including Rock
S8.5	Any unused chemicals and those with remaining functional capacity will be recycled as far as possible.	Land site/ During construction	Contractor(s)		✓		N/A	-
S8.5	Use of reusable non-timber formwork to reduce the amount of C&D materials.	All areas/ During construction	Contractor(s)		✓		N/A	WBTC 32/92, The Use of Tropical Hard Wood on Construction Site
S8.5	Prior to disposal of construction waste, wood, steel and other metals will be separated to the extent practical, for re-use and/or recycling to reduce the quantity of waste to be disposed of to landfill.	All areas/ During construction	Contractor(s)		✓		Implemented	DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5	Proper storage and site practices to reduce the potential for damage or contamination of construction materials.	All areas/ During construction	Contractor(s)		✓		Implemented, rectified after	-

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
							observation	
S8.5	Plan and stock construction materials carefully to reduce amount of waste generated and avoid unnecessary generation of waste.	All areas/ During construction	Contractor(s)		✓		Implemented	-
S8.5	A Sediment Quality Report (SQR) for sampling and chemical testing of the sediment will be prepared and submitted to the EPD for approval. The approved detailed sampling and chemical testing will be carried out prior to the commencement of the dredging activities to confirm the sediment disposal method.	Marine works/ During construction	Contractor(s)		✓		N/A	ETWB TC(W) No. 34/2002 and Dumping at Sea Ordinance (DASO)
S8.5	The management of dredged/ excavated sediment management requirement from <i>ETWB TC(W) No. 34/2002</i> will be incorporated in the Specification of the Contract Documents.	Marine works/ During construction	WSD/ Contractor(s)		✓		Implemented	ETWB TC(W) No. 34/2002 and Dumping at Sea Ordinance (DASO)
S8.5	The contractor will open a billing account with EPD in accordance with the Waste Disposal (Charges for Disposal of Construction Waste) Regulation for the payment of disposal charges.	Contract mobilisation/ During construction	Contractor(s)		✓		Implemented	Cap 354N Waste Disposal (Charges for Disposal of Construction Waste) Regulation
S8.5	A trip-ticket system will be established in accordance with DEVB TC(W) No. 6/2010 to monitor the reuse of surplus excavated materials off-site and disposal of construction waste and general refuse at transfer facilities/ landfills, and to control fly-tipping.	Contract mobilisation/ During construction	Contractor(s)		✓		Implemented	DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5	The project proponent will also conduct regular inspection of the waste management measures implemented on site as described in the Waste Management Plan.	All area/ During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
S8.5	A recording system (similar to summary table as shown in Annex 5 and Annex 6 of Appendix G of ETWB TC(W) No. 19/2005) for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established during the construction phase.	All area/ During construction	Contractor(s)		✓		Implemented	Annex 5 and Annex 6 of Appendix G of ETWB TC(W) No. 19/2005
S8.5	Inert C&D materials (public fill) will be reused within the Project as far as practicable.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Public fill and construction waste shall be segregated and stored in different containers or skips to facilitate reuse or recycling of materials and their proper disposal.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Specific areas of the work site will be designated for such segregation and storage if immediate use is not practicable.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	To reduce the potential dust and water quality impacts of site formation works, C&D materials will be wetted as quickly as possible to the extent practice after filling.	All area/ During construction	Contractor(s)		✓		Observation issued. Rectified after observation.	Air Pollution Control (Construction Dust) Regulation (Cap 311R); WPCO (Cap 358)
S8.5	Open stockpiles of excavated/ fill materials or construction wastes on-site should be covered with tarpaulin or similar fabric.	Land site/ During Construction, particularly dry season	Contractor(s)		✓		Implemented, rectified after observation	Air Pollution Control (Construction Dust) Regulation (Cap 311R)
S8.5	Chemical waste container shall be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Chemical waste container shall have a capacity of less	All area/ During construction/	Contractor(s)/		✓	✓	Implemented	Waste Disposal

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
	than 450 L unless the specifications have been approved by the EPD.	During operation	WSD					(Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	A label in English and Chinese shall be displayed on the chemical container in accordance with instructions prescribed in Schedule 2 of the Regulations.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall be enclosed on at least 3 sides.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall have adequate ventilation.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste)

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
								(General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall be covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary).	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall be arranged so that incompatible materials are appropriately separated.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	General refuse will be stored in enclosed bins or compaction units separately from construction and chemical wastes.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Adequate number of waste containers will be provided to avoid over-spillage of waste.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	DEVB TC(W) No. 8/2010 Enhanced

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
								Specification for Site Cleanliness and Tidiness.
S8.5	A reputable waste collector will be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimise odour, pest and litter impacts.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	-
S8.5	Recycling bins will be provided at strategic locations within the Site to facilitate recovery of recyclable materials (including aluminium can, waste paper, glass bottles and plastic bottles) from the Site. Materials recovered will be sold for recycling.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	-
S8.5	To avoid any odour and litter impact, accurate number of portable toilets will be provided for workers on-site.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	The burning of refuse on construction sites is prohibited by law.	All area/ During construction	Contractor(s)		✓		Implemented	Air Pollution Control Ordinance (Cap 311)
S8.7	To facilitate monitoring and control over the contractors' performance on waste management, a waste inspection and audit programme will be implemented throughout the construction phase.	All facilities/ During construction	ET/ IEC		✓		Implemented	-

Note: D – Design stage C – Construction O – Operation

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
Ecology								
S9.7	For slope mitigation works within the Clear Water Bay Country Park, to avoid tree felling and damages to trees, the exact locations of the flexible barrier foundation plates, soil nails and rock dowels can be adjusted during detailed design, and a setback distance from existing trees is recommended to be maintained as far as practical. A detailed specification describing the exact locations of the flexible barrier foundation plates, soil nails and rock dowels will be prepared to illustrate how the setback distance from existing trees would be implemented for tree avoidance.	Slope mitigation works area/ During detailed design/ During construction	Contractor(s)	✓	✓		Implemented	-
S9.7	Pruning of tree canopies along the alignment of the flexible barriers shall be limited to a minimum.	Slope mitigation works area/ During construction	Contractor(s)		✓		Implemented	
S9.7	The alignment of flexible barriers shall be optimized to preserve all species of conservation interest and minimize the impact to the existing vegetation as far as practicable. All individuals of <i>Marsdenia lachnostoma</i> within the slope mitigation areas shall be retained <i>in-situ</i> , by positioning the alignment of flexible barrier at a minimum 1.5m in a radius away from these individuals.	Slope mitigation works area/ During detailed design/ During construction	Contractor(s)	✓	✓		N/A	-
S9.7 and 9.10	At the detailed design stage prior to the commencement of the slope mitigation works, a vegetation survey shall be carried out at the slope mitigation areas within the Clear Water Bay Country Park to assess the condition and identify the location of each individual of <i>Marsdenia lachnostoma</i> and other flora species of conservation interest that may be directly affected by the construction works.	Slope mitigation works area/ During detailed design/ During construction	Contractor(s)	✓	✓		Implemented	-
S9.7	Temporary fencing will be installed to fence off the concerned species either in groups of individually within the works area and in the close proximity to prevent from being damaged and disturbed during construction. A sign identifying the site shall be attached to the fence and flagging tape shall be attached to the individuals to visualize their locations.	Slope mitigation works area/ During construction	Contractor(s)		✓		N/A	-

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
S9.7 and S9.10	A specification for fencing and demarcating individuals of <i>Marsdenia lachnostoma</i> (or other flora species of conservation interest, if found) adjacent to the proposed alignment of the flexible barriers will be prepared to protect the species.	Slope mitigation works area/ During construction	Contractor(s)		✓		N/A	-
S9.7	Induction training shall also be provided to all site personnel in order to brief them on this flora of conservation interest including the locations and their importance.	Slope mitigation works area/ During construction	Contractor(s)		✓		N/A	-
S9.7	The resident site supervisory staff will closely monitor the conditions of concerned individuals during construction of flexible barriers in the close proximity.	Slope mitigation works area/ During construction	Contractor(s)		✓		N/A	-
S9.7	Erect fences along the boundary of the works area before the commencement of works to prevent vehicle movements and encroachment of personnel onto adjacent areas.	All area/ During construction	Contractor(s)		✓		Implemented	-
S9.7	Regularly check the work site boundaries to ensure that they are not breached and that damage does not occur to surrounding areas.	All area/ During construction	Contractor(s)/ Environmental Team (ET)		✓		Implemented	-
S9.7	Avoid any damage and disturbance, particularly those caused by filling and illegal dumping, to the surrounding habitats through proper management of waste disposal.	All area/ During construction	Contractor(s)		✓		Implemented	-
S9.7	Reinstate temporarily affected areas, particularly the habitats of plantation and shrubland-grassland immediately after completion of construction works, through on-site tree/shrub planting. The tree/shrub species will be chosen with reference to those in the surrounding area.	All area/ During construction	Contractor(s)		✓		N/A	-
S9.7	Affected habitats within the Clear Water Bay Country Bay shall be reinstated by hydro-seeding and planting of climbers and native shrub seedlings where practical upon completion of the slope mitigation works.	All area/ During construction	Contractor(s)		✓		N/A	-

Note: D – Design stage C – Construction O – Operation

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
Landscape & Visual								
S11.10 & 11.11	The construction area and area allowed for temporary structures, such as the contractor's office, will be minimized to a practical minimum. (MM1)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	-
S11.10 & 11.11	At the detailed design stage, the design team will seek to minimize the landscape footprint of the Project and above ground facilities, while satisfying all other requirements. (MM2)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	-
S11.10 & 11.11	Design principles will be adopted to take into account the surrounding area, particularly Clear Water Bay Country Park behind and the nearby waterfront, with due consideration given to: - green roofs where practical (ie without equipment on the roof); - roadside planting; - aesthetic treatment of all structures; - vertical greening; screen planting along application site; and - landscape enhancement with amenity planting where practical including planting along the edge (site boundary) fence with native shrubs where feasible, - to reduce their visual impact and blend them into the surrounding landscape. (MM3)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	-
S11.10 & 11.11	All trees within the Project Site or the potential slope mitigation works area will be carefully protected during construction according to DEVB TCW No. 10/2013 – Tree Preservation (MM4)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented.	ETWB TCW No. 3/2006 - Tree Preservation.
S11.10 & 11.11	No tree within the Country Park will be felled. Trees within the Site unavoidably affected by the works will be transplanted where necessary and practical. For trees that need to be felled, compensatory planting will be provided to the satisfaction of relevant Government departments. A compensatory tree planting proposal including locations of tree compensation will be submitted to seek relevant government department's approval, in accordance with DEVB TC(W) No. 10/2013.	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	DEVB TC(W) No. 10/2013

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
	(MM5)							
S11.10 & 11.11	Any slope mitigation works necessary to address natural terrain hazards, will be minimized to minimize any potential environmental impact to the Country Park e.g. soil nailing and rock stabilization will aim to avoid existing trees e.g. should any restoration of vegetation be necessary, the best planting matrix with native species will be established, with the aim of resembling the existing vegetation. (MM6)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	N/A	
S11.10 & 11.11	Dredging works for the installation of intake structures and outfall diffusers should be minimized to avoid or reduce any potential environmental impacts to as low as reasonably practicable (ALARP). The intake and outfall structures (e.g. intake openings and diffuser heads) will be prefabricated and transferred to site for installation. (MM7)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	N/A	
S11.10 & 11.11	All night-time lighting will be reduced to a practical minimum both in terms of number of level and will be hooded and directional. (MM8) units and lux level and will be hooded and directional. (MM8)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	-

Note: D – Design stage C – Construction O – Operation

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
Landfill Gas Hazard								
S12.7	During all works, safety procedures should be implemented to minimise the risks of fires and explosions, asphyxiation of workers and toxicity effects resulting from contact with contaminated soil and groundwater.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	-
S12.7	During trenching and excavation as well as creation of confined spaces at near to or below ground level, precautions should be clearly laid down and rigidly Gas detection equipment and appropriate breathing apparatus should be available and used when entering confined spaces or trenches deeper than 1 metre.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	The Contractor should make the workers are aware of potential hazards of working in confined spaces (any chamber, manhole or culvert which is large enough to permit access to personnel). Such work in confined spaces is controlled by the Factories and Industrial Undertakings (Confined Spaces) Regulations of the Factories and Industrial Undertakings Ordinance. Following the Safety Guide to Working in Confined Spaces ensures compliance with the above regulations.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Safety officers, specifically trained with regard to landfill gas and leachate related hazards and the appropriate actions to take in adverse circumstances, should be present on the site throughout the works, in particular, when works are undertaken below grade.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	All personnel who work on site and all visitors to the site should be made aware of the possibility of ignition of gas in the vicinity of the works, the possible presence of contaminated water and the need to avoid physical contact with it.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Monitoring for landfill gas should be undertaken in all excavations, manholes, chambers (particularly during pipe jacking) and any confined spaces through the use of an intrinsically safe portable instrument, appropriately calibrated and capable of measuring the concentrations of methane, carbon dioxide and oxygen.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
S12.7	Monitoring frequency and areas to be monitored should be specified prior to commencement of groundwork, either by the Safety Officer, or by an appropriately qualified person. All measurements should be recorded and documented.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Proceed drilling with adequate care and precautions against the potential hazards which may be encountered.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Prior to the commencement of the site works, the drilling contractor should devise a 'method-of- working' statement covering all normal and emergency procedures (including but not limited to number of operatives, experience and special skills of operatives, normal method of operations, emergency procedures, supervisors responsibilities, storage and use of safety equipment, safety procedures and signs, barriers and guarding). The site supervisor and all operatives must be familiar with this statement.	All area/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Where below ground service entries are necessary to the Incoming Switchgear Room, 132 kV Substation and Chlorine Store (I) and (II), the entry point should be sealed to prevent gas entry. In addition, any below grade cable trenches entering the Incoming Switchgear Room and 132 kV Substation can become the pathway for landfill gas and hence grilled metal covers should be used.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A	
S12.7	It is recommended regular landfill gas monitoring should be carried out at the Incoming Switchgear Room, 132 kV Substation and Chlorine Store (I) and (II). The monitoring frequency will be monthly for the first year of operation. If the monitoring results show no sign of landfill gas migration, reduce the monitoring frequency to once every six months.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A	
S12.7	The manholes and utility pits within the Project Site and along the fresh water mains. Each manhole/ utility pit should be monitored with two measurements (at mid depth and base). Each measurement should be	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
	monitored for a minimum of 10 minutes. A steady reading and peak reading should be recorded at each manhole/ utility pit and for each measurement. The need for venting the manhole/ utility pit and further monitoring will be reviewed after the initial monitoring.							
S12.7	All construction, operation and maintenance personnel working on-site as well as visitors should be made aware of the hazards of landfill gas and its possible presence on-site. This should be achieved through a combination of posting warning signs in prominent places and also by access to detailed information on landfill gas hazards and the designs and procedural means by which these hazards are being minimised on-site.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	

Note: D – Design stage C – Construction O – Operation

Appendix G

Action and Limit Level for Noise and Landfill Gas

Action/ Limit Level for Noise Monitoring

Time Period	Action	Limit (dB(A))
0700-1900 on normal weekdays	When one documented complaint is received from any one of the noise sensitive receivers	<ul style="list-style-type: none">• 70 dB(A) for school and• 65 dB(A) during examination period
Notes: (a) Limits specified in the GW-TM and IND-TM for construction and operation noise, respectively.		

Action Level for Landfill Gas Monitoring Equipment

Parameters	Level
Oxygen (O ₂)	Action Level < 19% O ₂ Limit Level < 19% O ₂
Methane (CH ₄)	Action Level >10% LEL Limit Level >20% LEL
Carbon Dioxide (CO ₂)	Action Level >0.5% CO ₂ Limit Level >1.5% CO ₂

Appendix H

Landfill Gas Monitoring Results

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
2/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0421	8:30	MultiRAE Lite, PGM-6208
2/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0422	13:30	MultiRAE Lite, PGM-6208
2/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0431	17:00	MultiRAE Lite, PGM-6208
2/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0429	8:45	MultiRAE Lite, PGM-6208
2/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0433	13:45	MultiRAE Lite, PGM-6208
2/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0412	16:45	MultiRAE Lite, PGM-6208
2/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0459	8:55	MultiRAE Lite, PGM-6208
2/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0462	13:55	MultiRAE Lite, PGM-6208
2/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0417	9:00	MultiRAE Lite, PGM-6208
2/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0432	14:00	MultiRAE Lite, PGM-6208
2/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0437	9:15	MultiRAE Lite, PGM-6208
2/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0445	14:15	MultiRAE Lite, PGM-6208
2/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0452	9:25	MultiRAE Lite, PGM-6208
2/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0463	14:25	MultiRAE Lite, PGM-6208
2/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0451	9:45	MultiRAE Lite, PGM-6208
2/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0473	14:45	MultiRAE Lite, PGM-6208
2/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0409	9:55	MultiRAE Lite, PGM-6208
2/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0432	14:55	MultiRAE Lite, PGM-6208
2/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0433	10:05	MultiRAE Lite, PGM-6208
2/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9			PGM-2500P (QRAE III)	0.0451	15:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
2/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0439	10:15	MultiRAE Lite, PGM-6208
2/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	0.0436	15:15	MultiRAE Lite, PGM-6208
2/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0442	10:25	MultiRAE Lite, PGM-6208
2/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0459	15:25	MultiRAE Lite, PGM-6208
2/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0471	10:45	MultiRAE Lite, PGM-6208
2/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0462	15:45	MultiRAE Lite, PGM-6208
2/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	0.0472	10:55	MultiRAE Lite, PGM-6208
2/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0456	15:55	MultiRAE Lite, PGM-6208
2/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0456	11:05	MultiRAE Lite, PGM-6208
2/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	998	PGM-2500P (QRAE III)	0.0480	16:05	MultiRAE Lite, PGM-6208
3/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	997	PGM-2500P (QRAE III)	0.0431	8:30	MultiRAE Lite, PGM-6208
3/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.4510	13:30	MultiRAE Lite, PGM-6208
3/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0447	17:00	MultiRAE Lite, PGM-6208
3/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	27	997	PGM-2500P (QRAE III)	0.0456	8:45	MultiRAE Lite, PGM-6208
3/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0461	13:45	MultiRAE Lite, PGM-6208
3/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0432	16:45	MultiRAE Lite, PGM-6208
3/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	27	997	PGM-2500P (QRAE III)	0.0431	8:55	MultiRAE Lite, PGM-6208
3/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0429	13:55	MultiRAE Lite, PGM-6208
3/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0432	9:00	MultiRAE Lite, PGM-6208
3/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	27	997	PGM-2500P (QRAE III)	0.0444	14:00	MultiRAE Lite, PGM-6208
3/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	26	995	PGM-2500P (QRAE III)	0.0452	9:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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3/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0463	14:15	MultiRAE Lite, PGM-6208
3/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0472	9:25	MultiRAE Lite, PGM-6208
3/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0463	14:25	MultiRAE Lite, PGM-6208
3/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0456	9:45	MultiRAE Lite, PGM-6208
3/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0481	14:45	MultiRAE Lite, PGM-6208
3/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0479	9:55	MultiRAE Lite, PGM-6208
3/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0468	14:55	MultiRAE Lite, PGM-6208
3/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0477	10:05	MultiRAE Lite, PGM-6208
3/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0461	15:05	MultiRAE Lite, PGM-6208
3/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	997	PGM-2500P (QRAE III)	0.0479	10:15	MultiRAE Lite, PGM-6208
3/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0454	15:15	MultiRAE Lite, PGM-6208
3/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0431	10:25	MultiRAE Lite, PGM-6208
3/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0450	15:25	MultiRAE Lite, PGM-6208
3/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	27	997	PGM-2500P (QRAE III)	0.0455	10:45	MultiRAE Lite, PGM-6208
3/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0471	15:45	MultiRAE Lite, PGM-6208
3/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0481	10:55	MultiRAE Lite, PGM-6208
3/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0465	15:55	MultiRAE Lite, PGM-6208
3/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0471	11:05	MultiRAE Lite, PGM-6208
3/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	997	PGM-2500P (QRAE III)	0.0466	16:05	MultiRAE Lite, PGM-6208
4/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0422	8:30	MultiRAE Lite, PGM-6208
4/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	994	PGM-2500P (QRAE III)	0.0437	13:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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4/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	993	PGM-2500P (QRAE III)	0.0419	17:00	MultiRAE Lite, PGM-6208
4/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0433	8:45	MultiRAE Lite, PGM-6208
4/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	994	PGM-2500P (QRAE III)	0.0444	13:45	MultiRAE Lite, PGM-6208
4/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	993	PGM-2500P (QRAE III)	0.0452	16:45	MultiRAE Lite, PGM-6208
4/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	994	PGM-2500P (QRAE III)	0.0439	8:55	MultiRAE Lite, PGM-6208
4/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0460	13:55	MultiRAE Lite, PGM-6208
4/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0448	9:00	MultiRAE Lite, PGM-6208
4/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0430	14:00	MultiRAE Lite, PGM-6208
4/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	995	PGM-2500P (QRAE III)	0.0410	9:15	MultiRAE Lite, PGM-6208
4/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	994	PGM-2500P (QRAE III)	0.0451	14:15	MultiRAE Lite, PGM-6208
4/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	994	PGM-2500P (QRAE III)	0.0403	9:25	MultiRAE Lite, PGM-6208
4/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0429	14:25	MultiRAE Lite, PGM-6208
4/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	993	PGM-2500P (QRAE III)	0.0430	9:45	MultiRAE Lite, PGM-6208
4/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	994	PGM-2500P (QRAE III)	0.0442	14:45	MultiRAE Lite, PGM-6208
4/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	994	PGM-2500P (QRAE III)	0.0454	9:55	MultiRAE Lite, PGM-6208
4/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	995	PGM-2500P (QRAE III)	0.0479	14:55	MultiRAE Lite, PGM-6208
4/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	996	PGM-2500P (QRAE III)	0.0491	10:05	MultiRAE Lite, PGM-6208
4/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	995	PGM-2500P (QRAE III)	0.0451	15:05	MultiRAE Lite, PGM-6208
4/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0451	10:15	MultiRAE Lite, PGM-6208
4/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0452	15:15	MultiRAE Lite, PGM-6208
4/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0453	10:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
4/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0413	15:25	MultiRAE Lite, PGM-6208
4/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	995	PGM-2500P (QRAE III)	0.0421	10:45	MultiRAE Lite, PGM-6208
4/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0431	15:45	MultiRAE Lite, PGM-6208
4/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	994	PGM-2500P (QRAE III)	0.0452	10:55	MultiRAE Lite, PGM-6208
4/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0469	15:55	MultiRAE Lite, PGM-6208
4/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	994	PGM-2500P (QRAE III)	0.0477	11:05	MultiRAE Lite, PGM-6208
4/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	995	PGM-2500P (QRAE III)	0.0474	16:05	MultiRAE Lite, PGM-6208
5/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0466	8:30	MultiRAE Lite, PGM-6208
5/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0457	13:30	MultiRAE Lite, PGM-6208
5/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0458	17:00	MultiRAE Lite, PGM-6208
5/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0412	8:45	MultiRAE Lite, PGM-6208
5/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0439	13:45	MultiRAE Lite, PGM-6208
5/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0451	16:45	MultiRAE Lite, PGM-6208
5/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0437	8:55	MultiRAE Lite, PGM-6208
5/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0455	13:55	MultiRAE Lite, PGM-6208
5/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0449	9:00	MultiRAE Lite, PGM-6208
5/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0451	14:00	MultiRAE Lite, PGM-6208
5/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0431	9:15	MultiRAE Lite, PGM-6208
5/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	27	994	PGM-2500P (QRAE III)	0.0472	14:15	MultiRAE Lite, PGM-6208
5/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0437	9:25	MultiRAE Lite, PGM-6208
5/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0458	14:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
5/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0472	9:45	MultiRAE Lite, PGM-6208
5/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0463	14:45	MultiRAE Lite, PGM-6208
5/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0457	9:55	MultiRAE Lite, PGM-6208
5/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	28	994	PGM-2500P (QRAE III)	0.0441	14:55	MultiRAE Lite, PGM-6208
5/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0472	10:05	MultiRAE Lite, PGM-6208
5/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0430	15:05	MultiRAE Lite, PGM-6208
5/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0421	10:15	MultiRAE Lite, PGM-6208
5/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0428	15:15	MultiRAE Lite, PGM-6208
5/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0469	10:25	MultiRAE Lite, PGM-6208
5/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0437	15:25	MultiRAE Lite, PGM-6208
5/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0433	10:45	MultiRAE Lite, PGM-6208
5/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0421	15:45	MultiRAE Lite, PGM-6208
5/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0451	10:55	MultiRAE Lite, PGM-6208
5/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0426	15:55	MultiRAE Lite, PGM-6208
5/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0457	11:05	MultiRAE Lite, PGM-6208
5/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0426	16:05	MultiRAE Lite, PGM-6208
6/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0471	8:30	MultiRAE Lite, PGM-6208
6/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0443	13:30	MultiRAE Lite, PGM-6208
6/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0452	17:00	MultiRAE Lite, PGM-6208
6/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0431	8:45	MultiRAE Lite, PGM-6208
6/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0442	13:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
6/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0456	16:45	MultiRAE Lite, PGM-6208
6/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0412	8:55	MultiRAE Lite, PGM-6208
6/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0443	13:55	MultiRAE Lite, PGM-6208
6/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0456	9:00	MultiRAE Lite, PGM-6208
6/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0471	14:00	MultiRAE Lite, PGM-6208
6/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0431	9:15	MultiRAE Lite, PGM-6208
6/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0464	14:15	MultiRAE Lite, PGM-6208
6/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0451	9:25	MultiRAE Lite, PGM-6208
6/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0407	14:25	MultiRAE Lite, PGM-6208
6/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0431	9:45	MultiRAE Lite, PGM-6208
6/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0471	14:45	MultiRAE Lite, PGM-6208
6/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0431	9:55	MultiRAE Lite, PGM-6208
6/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0412	14:55	MultiRAE Lite, PGM-6208
6/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0451	10:05	MultiRAE Lite, PGM-6208
6/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0459	15:05	MultiRAE Lite, PGM-6208
6/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0451	10:15	MultiRAE Lite, PGM-6208
6/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0466	15:15	MultiRAE Lite, PGM-6208
6/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0471	10:25	MultiRAE Lite, PGM-6208
6/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0432	15:25	MultiRAE Lite, PGM-6208
6/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0421	10:45	MultiRAE Lite, PGM-6208
6/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0459	15:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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6/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0421	10:55	MultiRAE Lite, PGM-6208
6/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0422	15:55	MultiRAE Lite, PGM-6208
6/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0431	11:05	MultiRAE Lite, PGM-6208
6/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0437	16:05	MultiRAE Lite, PGM-6208
7/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	1001	PGM-2500P (QRAE III)	0.0421	8:30	MultiRAE Lite, PGM-6208
7/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0477	13:30	MultiRAE Lite, PGM-6208
7/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0449	17:00	MultiRAE Lite, PGM-6208
7/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1000	PGM-2500P (QRAE III)	0.0424	8:45	MultiRAE Lite, PGM-6208
7/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0431	13:45	MultiRAE Lite, PGM-6208
7/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0459	16:45	MultiRAE Lite, PGM-6208
7/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	28	1000	PGM-2500P (QRAE III)	0.0427	8:55	MultiRAE Lite, PGM-6208
7/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0401	13:55	MultiRAE Lite, PGM-6208
7/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	28	1001	PGM-2500P (QRAE III)	0.0422	9:00	MultiRAE Lite, PGM-6208
7/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0481	14:00	MultiRAE Lite, PGM-6208
7/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	28	1000	PGM-2500P (QRAE III)	0.0490	9:15	MultiRAE Lite, PGM-6208
7/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0465	14:15	MultiRAE Lite, PGM-6208
7/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	28	1001	PGM-2500P (QRAE III)	0.0467	9:25	MultiRAE Lite, PGM-6208
7/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0489	14:25	MultiRAE Lite, PGM-6208
7/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1001	PGM-2500P (QRAE III)	0.0433	9:45	MultiRAE Lite, PGM-6208
7/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0421	14:45	MultiRAE Lite, PGM-6208
7/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	1001	PGM-2500P (QRAE III)	0.0466	9:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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7/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0479	14:55	MultiRAE Lite, PGM-6208
7/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0487	10:05	MultiRAE Lite, PGM-6208
7/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0432	15:05	MultiRAE Lite, PGM-6208
7/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0462	10:15	MultiRAE Lite, PGM-6208
7/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0479	15:15	MultiRAE Lite, PGM-6208
7/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0463	10:25	MultiRAE Lite, PGM-6208
7/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0459	15:25	MultiRAE Lite, PGM-6208
7/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	0.0466	10:45	MultiRAE Lite, PGM-6208
7/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0467	15:45	MultiRAE Lite, PGM-6208
7/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0471	10:55	MultiRAE Lite, PGM-6208
7/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	0.0440	15:55	MultiRAE Lite, PGM-6208
7/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0438	11:05	MultiRAE Lite, PGM-6208
7/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0457	16:05	MultiRAE Lite, PGM-6208
9/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0462	8:30	MultiRAE Lite, PGM-6208
9/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0407	13:30	MultiRAE Lite, PGM-6208
9/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0439	17:00	MultiRAE Lite, PGM-6208
9/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0481	8:45	MultiRAE Lite, PGM-6208
9/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0470	13:45	MultiRAE Lite, PGM-6208
9/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0449	16:45	MultiRAE Lite, PGM-6208
9/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0491	8:55	MultiRAE Lite, PGM-6208
9/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0421	13:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
9/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0470	9:00	MultiRAE Lite, PGM-6208
9/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0421	14:00	MultiRAE Lite, PGM-6208
9/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0419	9:15	MultiRAE Lite, PGM-6208
9/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0427	14:15	MultiRAE Lite, PGM-6208
9/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	0.0462	9:25	MultiRAE Lite, PGM-6208
9/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0445	14:25	MultiRAE Lite, PGM-6208
9/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0463	9:45	MultiRAE Lite, PGM-6208
9/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0453	14:45	MultiRAE Lite, PGM-6208
9/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0421	9:55	MultiRAE Lite, PGM-6208
9/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0427	14:55	MultiRAE Lite, PGM-6208
9/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0459	10:05	MultiRAE Lite, PGM-6208
9/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0430	15:05	MultiRAE Lite, PGM-6208
9/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0439	10:15	MultiRAE Lite, PGM-6208
9/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0462	15:15	MultiRAE Lite, PGM-6208
9/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0433	10:25	MultiRAE Lite, PGM-6208
9/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0468	15:25	MultiRAE Lite, PGM-6208
9/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0470	10:45	MultiRAE Lite, PGM-6208
9/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0431	15:45	MultiRAE Lite, PGM-6208
9/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0459	10:55	MultiRAE Lite, PGM-6208
9/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0420	15:55	MultiRAE Lite, PGM-6208
9/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0415	11:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
9/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	0.0465	16:05	MultiRAE Lite, PGM-6208
10/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0422	8:30	MultiRAE Lite, PGM-6208
10/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0445	13:30	MultiRAE Lite, PGM-6208
10/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0416	17:00	MultiRAE Lite, PGM-6208
10/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0493	8:45	MultiRAE Lite, PGM-6208
10/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0420	13:45	MultiRAE Lite, PGM-6208
10/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0435	16:45	MultiRAE Lite, PGM-6208
10/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0462	8:55	MultiRAE Lite, PGM-6208
10/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0441	13:55	MultiRAE Lite, PGM-6208
10/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0430	9:00	MultiRAE Lite, PGM-6208
10/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0426	14:00	MultiRAE Lite, PGM-6208
10/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0459	9:15	MultiRAE Lite, PGM-6208
10/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0424	14:15	MultiRAE Lite, PGM-6208
10/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0433	9:25	MultiRAE Lite, PGM-6208
10/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0459	14:25	MultiRAE Lite, PGM-6208
10/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0456	9:45	MultiRAE Lite, PGM-6208
10/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0444	14:45	MultiRAE Lite, PGM-6208
10/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0424	9:55	MultiRAE Lite, PGM-6208
10/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0497	14:55	MultiRAE Lite, PGM-6208
10/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0462	10:05	MultiRAE Lite, PGM-6208
10/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0461	15:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
10/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0410	10:15	MultiRAE Lite, PGM-6208
10/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0421	15:15	MultiRAE Lite, PGM-6208
10/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0467	10:25	MultiRAE Lite, PGM-6208
10/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0440	15:25	MultiRAE Lite, PGM-6208
10/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0451	10:45	MultiRAE Lite, PGM-6208
10/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	0.0454	15:45	MultiRAE Lite, PGM-6208
10/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0423	10:55	MultiRAE Lite, PGM-6208
10/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0422	15:55	MultiRAE Lite, PGM-6208
10/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0459	11:05	MultiRAE Lite, PGM-6208
10/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0406	16:05	MultiRAE Lite, PGM-6208
11/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0483	8:30	MultiRAE Lite, PGM-6208
11/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0413	13:30	MultiRAE Lite, PGM-6208
11/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
11/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0445	8:45	MultiRAE Lite, PGM-6208
11/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0485	13:45	MultiRAE Lite, PGM-6208
11/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0416	16:45	MultiRAE Lite, PGM-6208
11/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	0.0455	8:55	MultiRAE Lite, PGM-6208
11/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0435	13:55	MultiRAE Lite, PGM-6208
11/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	0.0490	9:00	MultiRAE Lite, PGM-6208
11/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	0.0440	14:00	MultiRAE Lite, PGM-6208
11/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	0.0495	9:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
11/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0455	14:15	MultiRAE Lite, PGM-6208
11/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	0.0462	9:25	MultiRAE Lite, PGM-6208
11/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	0.0481	14:25	MultiRAE Lite, PGM-6208
11/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	0.0475	9:45	MultiRAE Lite, PGM-6208
11/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0414	14:45	MultiRAE Lite, PGM-6208
11/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	0.0495	9:55	MultiRAE Lite, PGM-6208
11/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0419	14:55	MultiRAE Lite, PGM-6208
11/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0410	10:05	MultiRAE Lite, PGM-6208
11/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	27	1008	PGM-2500P (QRAE III)	0.0455	15:05	MultiRAE Lite, PGM-6208
11/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0411	10:15	MultiRAE Lite, PGM-6208
11/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0451	15:15	MultiRAE Lite, PGM-6208
11/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0402	10:25	MultiRAE Lite, PGM-6208
11/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0452	15:25	MultiRAE Lite, PGM-6208
11/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0445	10:45	MultiRAE Lite, PGM-6208
11/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0454	15:45	MultiRAE Lite, PGM-6208
11/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0450	10:55	MultiRAE Lite, PGM-6208
11/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0455	15:55	MultiRAE Lite, PGM-6208
11/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0410	11:05	MultiRAE Lite, PGM-6208
11/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0460	16:05	MultiRAE Lite, PGM-6208
12/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0483	8:30	MultiRAE Lite, PGM-6208
12/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0433	13:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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12/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0470	17:00	MultiRAE Lite, PGM-6208
12/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0458	8:45	MultiRAE Lite, PGM-6208
12/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0434	13:45	MultiRAE Lite, PGM-6208
12/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0461	16:45	MultiRAE Lite, PGM-6208
12/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0485	8:55	MultiRAE Lite, PGM-6208
12/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0443	13:55	MultiRAE Lite, PGM-6208
12/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0409	9:00	MultiRAE Lite, PGM-6208
12/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0441	14:00	MultiRAE Lite, PGM-6208
12/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0419	9:15	MultiRAE Lite, PGM-6208
12/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0451	14:15	MultiRAE Lite, PGM-6208
12/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0429	9:25	MultiRAE Lite, PGM-6208
12/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0425	14:25	MultiRAE Lite, PGM-6208
12/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0449	9:45	MultiRAE Lite, PGM-6208
12/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0450	14:45	MultiRAE Lite, PGM-6208
12/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0454	9:55	MultiRAE Lite, PGM-6208
12/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0415	14:55	MultiRAE Lite, PGM-6208
12/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0418	10:05	MultiRAE Lite, PGM-6208
12/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0450	15:05	MultiRAE Lite, PGM-6208
12/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0410	10:15	MultiRAE Lite, PGM-6208
12/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0452	15:15	MultiRAE Lite, PGM-6208
12/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0424	10:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
12/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0455	15:25	MultiRAE Lite, PGM-6208
12/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0404	10:45	MultiRAE Lite, PGM-6208
12/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0454	15:45	MultiRAE Lite, PGM-6208
12/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0415	10:55	MultiRAE Lite, PGM-6208
12/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0465	15:55	MultiRAE Lite, PGM-6208
12/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0436	11:05	MultiRAE Lite, PGM-6208
12/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0472	16:05	MultiRAE Lite, PGM-6208
13/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0439	8:30	MultiRAE Lite, PGM-6208
13/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0438	13:30	MultiRAE Lite, PGM-6208
13/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	0.0447	17:00	MultiRAE Lite, PGM-6208
13/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0454	8:45	MultiRAE Lite, PGM-6208
13/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0434	13:45	MultiRAE Lite, PGM-6208
13/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	0.0465	16:45	MultiRAE Lite, PGM-6208
13/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0467	8:55	MultiRAE Lite, PGM-6208
13/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	0.0429	13:55	MultiRAE Lite, PGM-6208
13/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0466	9:00	MultiRAE Lite, PGM-6208
13/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	0.0478	14:00	MultiRAE Lite, PGM-6208
13/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	0.0432	9:15	MultiRAE Lite, PGM-6208
13/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0467	14:15	MultiRAE Lite, PGM-6208
13/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0425	9:25	MultiRAE Lite, PGM-6208
13/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0462	14:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
13/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	0.0438	9:45	MultiRAE Lite, PGM-6208
13/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0445	14:45	MultiRAE Lite, PGM-6208
13/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0473	9:55	MultiRAE Lite, PGM-6208
13/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	0.0420	14:55	MultiRAE Lite, PGM-6208
13/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0462	10:05	MultiRAE Lite, PGM-6208
13/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0431	15:05	MultiRAE Lite, PGM-6208
13/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0452	10:15	MultiRAE Lite, PGM-6208
13/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0426	15:15	MultiRAE Lite, PGM-6208
13/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0422	10:25	MultiRAE Lite, PGM-6208
13/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0438	15:25	MultiRAE Lite, PGM-6208
13/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	0.0439	10:45	MultiRAE Lite, PGM-6208
13/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0445	15:45	MultiRAE Lite, PGM-6208
13/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	0.0459	10:55	MultiRAE Lite, PGM-6208
13/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0421	15:55	MultiRAE Lite, PGM-6208
13/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0468	11:05	MultiRAE Lite, PGM-6208
13/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0412	16:05	MultiRAE Lite, PGM-6208
14/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	0.0402	8:30	MultiRAE Lite, PGM-6208
14/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0459	13:30	MultiRAE Lite, PGM-6208
14/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	0.0422	17:00	MultiRAE Lite, PGM-6208
14/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	0.0404	8:45	MultiRAE Lite, PGM-6208
14/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0452	13:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
14/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	0.0418	16:45	MultiRAE Lite, PGM-6208
14/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0427	8:55	MultiRAE Lite, PGM-6208
14/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	0.0473	13:55	MultiRAE Lite, PGM-6208
14/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	0.0432	9:00	MultiRAE Lite, PGM-6208
14/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	0.0419	14:00	MultiRAE Lite, PGM-6208
14/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0427	9:15	MultiRAE Lite, PGM-6208
14/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	26	1005	PGM-2500P (QRAE III)	0.0470	14:15	MultiRAE Lite, PGM-6208
14/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0420	9:25	MultiRAE Lite, PGM-6208
14/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	0.0469	14:25	MultiRAE Lite, PGM-6208
14/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	0.0453	9:45	MultiRAE Lite, PGM-6208
14/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	0.0422	14:45	MultiRAE Lite, PGM-6208
14/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	0.0479	9:55	MultiRAE Lite, PGM-6208
14/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	0.0406	14:55	MultiRAE Lite, PGM-6208
14/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	0.0475	10:05	MultiRAE Lite, PGM-6208
14/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	0.0413	15:05	MultiRAE Lite, PGM-6208
14/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0462	10:15	MultiRAE Lite, PGM-6208
14/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0472	15:15	MultiRAE Lite, PGM-6208
14/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	0.0420	10:25	MultiRAE Lite, PGM-6208
14/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	0.0468	15:25	MultiRAE Lite, PGM-6208
14/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0479	10:45	MultiRAE Lite, PGM-6208
14/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0406	15:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
14/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0477	10:55	MultiRAE Lite, PGM-6208
14/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	0.0403	15:55	MultiRAE Lite, PGM-6208
14/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0470	11:05	MultiRAE Lite, PGM-6208
14/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0421	16:05	MultiRAE Lite, PGM-6208
16/8/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0460	8:30	MultiRAE Lite, PGM-6208
16/8/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0422	13:30	MultiRAE Lite, PGM-6208
16/8/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0429	17:00	MultiRAE Lite, PGM-6208
16/8/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0459	8:45	MultiRAE Lite, PGM-6208
16/8/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	32	1012	PGM-2500P (QRAE III)	0.0463	13:45	MultiRAE Lite, PGM-6208
16/8/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0416	16:45	MultiRAE Lite, PGM-6208
16/8/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0420	8:55	MultiRAE Lite, PGM-6208
16/8/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	0.0412	13:55	MultiRAE Lite, PGM-6208
16/8/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0431	9:00	MultiRAE Lite, PGM-6208
16/8/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0426	14:00	MultiRAE Lite, PGM-6208
16/8/2021	Pit D	2.5	9:15	Rain	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0439	9:15	MultiRAE Lite, PGM-6208
16/8/2021	Pit D	2.5	14:15	Rain	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0447	14:15	MultiRAE Lite, PGM-6208
16/8/2021	Pit C	8	9:25	Rain	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0462	9:25	MultiRAE Lite, PGM-6208
16/8/2021	Pit C	8	14:25	Rain	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	0.0420	14:25	MultiRAE Lite, PGM-6208
16/8/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0427	9:45	MultiRAE Lite, PGM-6208
16/8/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	31	1014	PGM-2500P (QRAE III)	0.0439	14:45	MultiRAE Lite, PGM-6208
16/8/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0466	9:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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16/8/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	0.0421	14:55	MultiRAE Lite, PGM-6208
16/8/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0437	10:05	MultiRAE Lite, PGM-6208
16/8/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0427	15:05	MultiRAE Lite, PGM-6208
16/8/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0490	10:15	MultiRAE Lite, PGM-6208
16/8/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0401	15:15	MultiRAE Lite, PGM-6208
16/8/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0422	10:25	MultiRAE Lite, PGM-6208
16/8/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0476	15:25	MultiRAE Lite, PGM-6208
16/8/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0408	10:45	MultiRAE Lite, PGM-6208
16/8/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0429	15:45	MultiRAE Lite, PGM-6208
16/8/2021	Pit A	5	10:55	Rain	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0463	10:55	MultiRAE Lite, PGM-6208
16/8/2021	Pit A	5	15:55	Rain	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0417	15:55	MultiRAE Lite, PGM-6208
16/8/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0429	11:05	MultiRAE Lite, PGM-6208
16/8/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0444	16:05	MultiRAE Lite, PGM-6208
17/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0429	8:30	MultiRAE Lite, PGM-6208
17/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0439	13:30	MultiRAE Lite, PGM-6208
17/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0427	17:00	MultiRAE Lite, PGM-6208
17/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0450	8:45	MultiRAE Lite, PGM-6208
17/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0422	13:45	MultiRAE Lite, PGM-6208
17/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0423	16:45	MultiRAE Lite, PGM-6208
17/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0430	8:55	MultiRAE Lite, PGM-6208
17/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0443	13:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
17/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0432	9:00	MultiRAE Lite, PGM-6208
17/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0461	14:00	MultiRAE Lite, PGM-6208
17/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0430	9:15	MultiRAE Lite, PGM-6208
17/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0405	14:15	MultiRAE Lite, PGM-6208
17/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0408	9:25	MultiRAE Lite, PGM-6208
17/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0424	14:25	MultiRAE Lite, PGM-6208
17/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0437	9:45	MultiRAE Lite, PGM-6208
17/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0429	14:45	MultiRAE Lite, PGM-6208
17/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0404	9:55	MultiRAE Lite, PGM-6208
17/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0426	14:55	MultiRAE Lite, PGM-6208
17/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0442	10:05	MultiRAE Lite, PGM-6208
17/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0449	15:05	MultiRAE Lite, PGM-6208
17/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0422	10:15	MultiRAE Lite, PGM-6208
17/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0431	15:15	MultiRAE Lite, PGM-6208
17/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0447	10:25	MultiRAE Lite, PGM-6208
17/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0452	15:25	MultiRAE Lite, PGM-6208
17/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0442	10:45	MultiRAE Lite, PGM-6208
17/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0403	15:45	MultiRAE Lite, PGM-6208
17/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0419	10:55	MultiRAE Lite, PGM-6208
17/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0422	15:55	MultiRAE Lite, PGM-6208
17/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0428	11:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
17/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0430	16:05	MultiRAE Lite, PGM-6208
18/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0428	8:30	MultiRAE Lite, PGM-6208
18/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0430	13:30	MultiRAE Lite, PGM-6208
18/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0432	17:00	MultiRAE Lite, PGM-6208
18/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0418	8:45	MultiRAE Lite, PGM-6208
18/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0423	13:45	MultiRAE Lite, PGM-6208
18/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0424	16:45	MultiRAE Lite, PGM-6208
18/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0427	8:55	MultiRAE Lite, PGM-6208
18/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0412	13:55	MultiRAE Lite, PGM-6208
18/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0437	9:00	MultiRAE Lite, PGM-6208
18/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0425	14:00	MultiRAE Lite, PGM-6208
18/8/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0439	9:15	MultiRAE Lite, PGM-6208
18/8/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0424	14:15	MultiRAE Lite, PGM-6208
18/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0414	9:25	MultiRAE Lite, PGM-6208
18/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0411	14:25	MultiRAE Lite, PGM-6208
18/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0439	9:45	MultiRAE Lite, PGM-6208
18/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0420	14:45	MultiRAE Lite, PGM-6208
18/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0428	9:55	MultiRAE Lite, PGM-6208
18/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0417	14:55	MultiRAE Lite, PGM-6208
18/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0414	10:05	MultiRAE Lite, PGM-6208
18/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0435	15:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
18/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0424	10:15	MultiRAE Lite, PGM-6208
18/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0436	15:15	MultiRAE Lite, PGM-6208
18/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0447	10:25	MultiRAE Lite, PGM-6208
18/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0452	15:25	MultiRAE Lite, PGM-6208
18/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0426	10:45	MultiRAE Lite, PGM-6208
18/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0439	15:45	MultiRAE Lite, PGM-6208
18/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0470	10:55	MultiRAE Lite, PGM-6208
18/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0412	15:55	MultiRAE Lite, PGM-6208
18/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0423	11:05	MultiRAE Lite, PGM-6208
18/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0406	16:05	MultiRAE Lite, PGM-6208
19/8/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0445	8:30	MultiRAE Lite, PGM-6208
19/8/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0437	13:30	MultiRAE Lite, PGM-6208
19/8/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	0.0452	17:00	MultiRAE Lite, PGM-6208
19/8/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0460	8:45	MultiRAE Lite, PGM-6208
19/8/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0450	13:45	MultiRAE Lite, PGM-6208
19/8/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0419	16:45	MultiRAE Lite, PGM-6208
19/8/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0426	8:55	MultiRAE Lite, PGM-6208
19/8/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0427	13:55	MultiRAE Lite, PGM-6208
19/8/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0432	9:00	MultiRAE Lite, PGM-6208
19/8/2021	CHFC O+64	2.5	14:00	Rain	0	42	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0445	14:00	MultiRAE Lite, PGM-6208
19/8/2021	Pit D	2.5	9:15	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0427	9:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
19/8/2021	Pit D	2.5	14:15	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0427	14:15	MultiRAE Lite, PGM-6208
19/8/2021	Pit C	8	9:25	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0433	9:25	MultiRAE Lite, PGM-6208
19/8/2021	Pit C	8	14:25	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0415	14:25	MultiRAE Lite, PGM-6208
19/8/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0406	9:45	MultiRAE Lite, PGM-6208
19/8/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0448	14:45	MultiRAE Lite, PGM-6208
19/8/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0450	9:55	MultiRAE Lite, PGM-6208
19/8/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0427	14:55	MultiRAE Lite, PGM-6208
19/8/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0460	10:05	MultiRAE Lite, PGM-6208
19/8/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0413	15:05	MultiRAE Lite, PGM-6208
19/8/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0463	10:15	MultiRAE Lite, PGM-6208
19/8/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0425	15:15	MultiRAE Lite, PGM-6208
19/8/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0438	10:25	MultiRAE Lite, PGM-6208
19/8/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0426	15:25	MultiRAE Lite, PGM-6208
19/8/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0447	10:45	MultiRAE Lite, PGM-6208
19/8/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0429	15:45	MultiRAE Lite, PGM-6208
19/8/2021	Pit A	5	10:55	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0428	10:55	MultiRAE Lite, PGM-6208
19/8/2021	Pit A	5	15:55	Rain	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0414	15:55	MultiRAE Lite, PGM-6208
19/8/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0438	11:05	MultiRAE Lite, PGM-6208
19/8/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0437	16:05	MultiRAE Lite, PGM-6208
20/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0444	8:30	MultiRAE Lite, PGM-6208
20/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0438	13:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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20/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
20/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0463	8:45	MultiRAE Lite, PGM-6208
20/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0423	13:45	MultiRAE Lite, PGM-6208
20/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0430	16:45	MultiRAE Lite, PGM-6208
20/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0441	8:55	MultiRAE Lite, PGM-6208
20/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0424	13:55	MultiRAE Lite, PGM-6208
20/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0451	9:00	MultiRAE Lite, PGM-6208
20/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0426	14:00	MultiRAE Lite, PGM-6208
20/8/2021	Pit D	5	9:15	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0438	9:15	MultiRAE Lite, PGM-6208
20/8/2021	Pit D	5	14:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0443	14:15	MultiRAE Lite, PGM-6208
20/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0439	9:25	MultiRAE Lite, PGM-6208
20/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0415	14:25	MultiRAE Lite, PGM-6208
20/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0426	9:45	MultiRAE Lite, PGM-6208
20/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0450	14:45	MultiRAE Lite, PGM-6208
20/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0449	9:55	MultiRAE Lite, PGM-6208
20/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0434	14:55	MultiRAE Lite, PGM-6208
20/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0450	10:05	MultiRAE Lite, PGM-6208
20/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0420	15:05	MultiRAE Lite, PGM-6208
20/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0422	10:15	MultiRAE Lite, PGM-6208
20/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0457	15:15	MultiRAE Lite, PGM-6208
20/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0422	10:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
20/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0414	15:25	MultiRAE Lite, PGM-6208
20/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0437	10:45	MultiRAE Lite, PGM-6208
20/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0435	15:45	MultiRAE Lite, PGM-6208
20/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0438	10:55	MultiRAE Lite, PGM-6208
20/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0404	15:55	MultiRAE Lite, PGM-6208
20/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0459	11:05	MultiRAE Lite, PGM-6208
20/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0412	16:05	MultiRAE Lite, PGM-6208
21/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0447	8:30	MultiRAE Lite, PGM-6208
21/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0427	13:30	MultiRAE Lite, PGM-6208
21/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0474	17:00	MultiRAE Lite, PGM-6208
21/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0471	8:45	MultiRAE Lite, PGM-6208
21/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0430	13:45	MultiRAE Lite, PGM-6208
21/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0404	16:45	MultiRAE Lite, PGM-6208
21/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0424	8:55	MultiRAE Lite, PGM-6208
21/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0439	13:55	MultiRAE Lite, PGM-6208
21/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0445	9:00	MultiRAE Lite, PGM-6208
21/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0409	14:00	MultiRAE Lite, PGM-6208
21/8/2021	Pit D	5	9:15	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0419	9:15	MultiRAE Lite, PGM-6208
21/8/2021	Pit D	5	14:15	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0439	14:15	MultiRAE Lite, PGM-6208
21/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0444	9:25	MultiRAE Lite, PGM-6208
21/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0432	14:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
21/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0439	9:45	MultiRAE Lite, PGM-6208
21/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0440	14:45	MultiRAE Lite, PGM-6208
21/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0424	9:55	MultiRAE Lite, PGM-6208
21/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0434	14:55	MultiRAE Lite, PGM-6208
21/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0445	10:05	MultiRAE Lite, PGM-6208
21/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0424	15:05	MultiRAE Lite, PGM-6208
21/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0431	10:15	MultiRAE Lite, PGM-6208
21/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0439	15:15	MultiRAE Lite, PGM-6208
21/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0449	10:25	MultiRAE Lite, PGM-6208
21/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0424	15:25	MultiRAE Lite, PGM-6208
21/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0449	10:45	MultiRAE Lite, PGM-6208
21/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0451	15:45	MultiRAE Lite, PGM-6208
21/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0441	10:55	MultiRAE Lite, PGM-6208
21/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0415	15:55	MultiRAE Lite, PGM-6208
21/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0419	11:05	MultiRAE Lite, PGM-6208
21/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0429	16:05	MultiRAE Lite, PGM-6208
23/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0424	8:30	MultiRAE Lite, PGM-6208
23/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	34	1006	PGM-2500P (QRAE III)	0.0419	13:30	MultiRAE Lite, PGM-6208
23/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	0.0425	17:00	MultiRAE Lite, PGM-6208
23/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0432	8:45	MultiRAE Lite, PGM-6208
23/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	34	1006	PGM-2500P (QRAE III)	0.0416	13:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
23/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	0.0421	16:45	MultiRAE Lite, PGM-6208
23/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0442	8:55	MultiRAE Lite, PGM-6208
23/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	0.0412	13:55	MultiRAE Lite, PGM-6208
23/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0444	9:00	MultiRAE Lite, PGM-6208
23/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	0.0448	14:00	MultiRAE Lite, PGM-6208
23/8/2021	Pit D	5	9:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0462	9:15	MultiRAE Lite, PGM-6208
23/8/2021	Pit D	5	14:15	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	0.0429	14:15	MultiRAE Lite, PGM-6208
23/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0436	9:25	MultiRAE Lite, PGM-6208
23/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	0.0418	14:25	MultiRAE Lite, PGM-6208
23/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0445	9:45	MultiRAE Lite, PGM-6208
23/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	0.0407	14:45	MultiRAE Lite, PGM-6208
23/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0429	9:55	MultiRAE Lite, PGM-6208
23/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	0.0462	14:55	MultiRAE Lite, PGM-6208
23/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0421	10:05	MultiRAE Lite, PGM-6208
23/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	0.0404	15:05	MultiRAE Lite, PGM-6208
23/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0429	10:15	MultiRAE Lite, PGM-6208
23/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0438	15:15	MultiRAE Lite, PGM-6208
23/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0414	10:25	MultiRAE Lite, PGM-6208
23/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0429	15:25	MultiRAE Lite, PGM-6208
23/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0438	10:45	MultiRAE Lite, PGM-6208
23/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0430	15:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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23/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0414	10:55	MultiRAE Lite, PGM-6208
23/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0432	15:55	MultiRAE Lite, PGM-6208
23/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0436	11:05	MultiRAE Lite, PGM-6208
23/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0429	16:05	MultiRAE Lite, PGM-6208
24/8/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0418	8:30	MultiRAE Lite, PGM-6208
24/8/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	0.0439	13:30	MultiRAE Lite, PGM-6208
24/8/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	0.0442	17:00	MultiRAE Lite, PGM-6208
24/8/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0439	8:45	MultiRAE Lite, PGM-6208
24/8/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0405	13:45	MultiRAE Lite, PGM-6208
24/8/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0416	16:45	MultiRAE Lite, PGM-6208
24/8/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0426	8:55	MultiRAE Lite, PGM-6208
24/8/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0426	13:55	MultiRAE Lite, PGM-6208
24/8/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0427	9:00	MultiRAE Lite, PGM-6208
24/8/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0442	14:00	MultiRAE Lite, PGM-6208
24/8/2021	Pit D	5	9:15	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0415	9:15	MultiRAE Lite, PGM-6208
24/8/2021	Pit D	5	14:15	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0429	14:15	MultiRAE Lite, PGM-6208
24/8/2021	Pit C	8	9:25	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0419	9:25	MultiRAE Lite, PGM-6208
24/8/2021	Pit C	8	14:25	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0425	14:25	MultiRAE Lite, PGM-6208
24/8/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0418	9:45	MultiRAE Lite, PGM-6208
24/8/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0439	14:45	MultiRAE Lite, PGM-6208
24/8/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0427	9:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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24/8/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0450	14:55	MultiRAE Lite, PGM-6208
24/8/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0429	10:05	MultiRAE Lite, PGM-6208
24/8/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0445	15:05	MultiRAE Lite, PGM-6208
24/8/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0425	10:15	MultiRAE Lite, PGM-6208
24/8/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	0.0429	15:15	MultiRAE Lite, PGM-6208
24/8/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0426	10:25	MultiRAE Lite, PGM-6208
24/8/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	0.0434	15:25	MultiRAE Lite, PGM-6208
24/8/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0426	10:45	MultiRAE Lite, PGM-6208
24/8/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	0.0431	15:45	MultiRAE Lite, PGM-6208
24/8/2021	Pit A	5	10:55	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0429	10:55	MultiRAE Lite, PGM-6208
24/8/2021	Pit A	5	15:55	Rain	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	0.0437	15:55	MultiRAE Lite, PGM-6208
24/8/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0447	11:05	MultiRAE Lite, PGM-6208
24/8/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	0.0425	16:05	MultiRAE Lite, PGM-6208
25/8/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0407	8:30	MultiRAE Lite, PGM-6208
25/8/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	35	1007	PGM-2500P (QRAE III)	0.0439	13:30	MultiRAE Lite, PGM-6208
25/8/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0412	17:00	MultiRAE Lite, PGM-6208
25/8/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0408	8:45	MultiRAE Lite, PGM-6208
25/8/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	34	1008	PGM-2500P (QRAE III)	0.0440	13:45	MultiRAE Lite, PGM-6208
25/8/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	0.0411	16:45	MultiRAE Lite, PGM-6208
25/8/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0419	8:55	MultiRAE Lite, PGM-6208
25/8/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0420	13:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
25/8/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0426	9:00	MultiRAE Lite, PGM-6208
25/8/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0450	14:00	MultiRAE Lite, PGM-6208
25/8/2021	Pit D	5	9:15	Rain	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0444	9:15	MultiRAE Lite, PGM-6208
25/8/2021	Pit D	5	14:15	Rain	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0434	14:15	MultiRAE Lite, PGM-6208
25/8/2021	Pit C	8	9:25	Rain	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0439	9:25	MultiRAE Lite, PGM-6208
25/8/2021	Pit C	8	14:25	Rain	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0416	14:25	MultiRAE Lite, PGM-6208
25/8/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0437	9:45	MultiRAE Lite, PGM-6208
25/8/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0417	14:45	MultiRAE Lite, PGM-6208
25/8/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0424	9:55	MultiRAE Lite, PGM-6208
25/8/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0436	14:55	MultiRAE Lite, PGM-6208
25/8/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0429	10:05	MultiRAE Lite, PGM-6208
25/8/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0447	15:05	MultiRAE Lite, PGM-6208
25/8/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0428	10:15	MultiRAE Lite, PGM-6208
25/8/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	35	1007	PGM-2500P (QRAE III)	0.0435	15:15	MultiRAE Lite, PGM-6208
25/8/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	34	1009	PGM-2500P (QRAE III)	0.0425	10:25	MultiRAE Lite, PGM-6208
25/8/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	35	1007	PGM-2500P (QRAE III)	0.0438	15:25	MultiRAE Lite, PGM-6208
25/8/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	34	1009	PGM-2500P (QRAE III)	0.0458	10:45	MultiRAE Lite, PGM-6208
25/8/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	35	1007	PGM-2500P (QRAE III)	0.4280	15:45	MultiRAE Lite, PGM-6208
25/8/2021	Pit A	5	10:55	Rain	0	0	0	20.9	34	1009	PGM-2500P (QRAE III)	0.0463	10:55	MultiRAE Lite, PGM-6208
25/8/2021	Pit A	5	15:55	Rain	0	0	0	20.9	35	1007	PGM-2500P (QRAE III)	0.0435	15:55	MultiRAE Lite, PGM-6208
25/8/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	34	1009	PGM-2500P (QRAE III)	0.0426	11:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
25/8/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	35	1007	PGM-2500P (QRAE III)	0.0462	16:05	MultiRAE Lite, PGM-6208
26/8/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0427	8:30	MultiRAE Lite, PGM-6208
26/8/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0447	13:30	MultiRAE Lite, PGM-6208
26/8/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0413	17:00	MultiRAE Lite, PGM-6208
26/8/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0409	8:45	MultiRAE Lite, PGM-6208
26/8/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0418	13:45	MultiRAE Lite, PGM-6208
26/8/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0437	16:45	MultiRAE Lite, PGM-6208
26/8/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0425	8:55	MultiRAE Lite, PGM-6208
26/8/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0422	13:55	MultiRAE Lite, PGM-6208
26/8/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0437	9:00	MultiRAE Lite, PGM-6208
26/8/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0439	14:00	MultiRAE Lite, PGM-6208
26/8/2021	Pit D	5	9:15	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0427	9:15	MultiRAE Lite, PGM-6208
26/8/2021	Pit D	5	14:15	Rain	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0410	14:15	MultiRAE Lite, PGM-6208
26/8/2021	Pit C	8	9:25	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0405	9:25	MultiRAE Lite, PGM-6208
26/8/2021	Pit C	8	14:25	Rain	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0425	14:25	MultiRAE Lite, PGM-6208
26/8/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0462	9:45	MultiRAE Lite, PGM-6208
26/8/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0402	14:45	MultiRAE Lite, PGM-6208
26/8/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0415	9:55	MultiRAE Lite, PGM-6208
26/8/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0427	14:55	MultiRAE Lite, PGM-6208
26/8/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0439	10:05	MultiRAE Lite, PGM-6208
26/8/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0441	15:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
26/8/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	0.0427	10:15	MultiRAE Lite, PGM-6208
26/8/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0447	15:15	MultiRAE Lite, PGM-6208
26/8/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	0.0443	10:25	MultiRAE Lite, PGM-6208
26/8/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0419	15:25	MultiRAE Lite, PGM-6208
26/8/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	0.0420	10:45	MultiRAE Lite, PGM-6208
26/8/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0428	15:45	MultiRAE Lite, PGM-6208
26/8/2021	Pit A	5	10:55	Rain	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	0.0446	10:55	MultiRAE Lite, PGM-6208
26/8/2021	Pit A	5	15:55	Rain	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0432	15:55	MultiRAE Lite, PGM-6208
26/8/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	0.0412	11:05	MultiRAE Lite, PGM-6208
26/8/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0429	16:05	MultiRAE Lite, PGM-6208
27/8/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0466	8:30	MultiRAE Lite, PGM-6208
27/8/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0426	13:30	MultiRAE Lite, PGM-6208
27/8/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	0.0405	17:00	MultiRAE Lite, PGM-6208
27/8/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0412	8:45	MultiRAE Lite, PGM-6208
27/8/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0423	13:45	MultiRAE Lite, PGM-6208
27/8/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	0.0440	16:45	MultiRAE Lite, PGM-6208
27/8/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0429	8:55	MultiRAE Lite, PGM-6208
27/8/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0441	13:55	MultiRAE Lite, PGM-6208
27/8/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0430	9:00	MultiRAE Lite, PGM-6208
27/8/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0419	14:00	MultiRAE Lite, PGM-6208
27/8/2021	Pit D	5	9:15	Rain	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0415	9:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
27/8/2021	Pit D	5	14:15	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0426	14:15	MultiRAE Lite, PGM-6208
27/8/2021	Pit C	8	9:25	Rain	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0450	9:25	MultiRAE Lite, PGM-6208
27/8/2021	Pit C	8	14:25	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0417	14:25	MultiRAE Lite, PGM-6208
27/8/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0429	9:45	MultiRAE Lite, PGM-6208
27/8/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0422	14:45	MultiRAE Lite, PGM-6208
27/8/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0439	9:55	MultiRAE Lite, PGM-6208
27/8/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0436	14:55	MultiRAE Lite, PGM-6208
27/8/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0447	10:05	MultiRAE Lite, PGM-6208
27/8/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0429	15:05	MultiRAE Lite, PGM-6208
27/8/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0429	10:15	MultiRAE Lite, PGM-6208
27/8/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0438	15:15	MultiRAE Lite, PGM-6208
27/8/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0437	10:25	MultiRAE Lite, PGM-6208
27/8/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0421	15:25	MultiRAE Lite, PGM-6208
27/8/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0422	10:45	MultiRAE Lite, PGM-6208
27/8/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0410	15:45	MultiRAE Lite, PGM-6208
27/8/2021	Pit A	5	10:55	Rain	0	0	0	20.9	29	1012	PGM-2500P (QRAE III)	0.0427	10:55	MultiRAE Lite, PGM-6208
27/8/2021	Pit A	5	15:55	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0416	15:55	MultiRAE Lite, PGM-6208
27/8/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0439	11:05	MultiRAE Lite, PGM-6208
27/8/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0444	16:05	MultiRAE Lite, PGM-6208
28/8/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0448	8:30	MultiRAE Lite, PGM-6208
28/8/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0430	13:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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28/8/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
28/8/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0448	8:45	MultiRAE Lite, PGM-6208
28/8/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0439	13:45	MultiRAE Lite, PGM-6208
28/8/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0436	16:45	MultiRAE Lite, PGM-6208
28/8/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	0.0415	8:55	MultiRAE Lite, PGM-6208
28/8/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0431	13:55	MultiRAE Lite, PGM-6208
28/8/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0409	9:00	MultiRAE Lite, PGM-6208
28/8/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0414	14:00	MultiRAE Lite, PGM-6208
28/8/2021	Pit D	5	9:15	Rain	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0424	9:15	MultiRAE Lite, PGM-6208
28/8/2021	Pit D	5	14:15	Rain	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0417	14:15	MultiRAE Lite, PGM-6208
28/8/2021	Pit C	8	9:25	Rain	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0408	9:25	MultiRAE Lite, PGM-6208
28/8/2021	Pit C	8	14:25	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0432	14:25	MultiRAE Lite, PGM-6208
28/8/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0440	9:45	MultiRAE Lite, PGM-6208
28/8/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0429	14:45	MultiRAE Lite, PGM-6208
28/8/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0427	9:55	MultiRAE Lite, PGM-6208
28/8/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0431	14:55	MultiRAE Lite, PGM-6208
28/8/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	0.0432	10:05	MultiRAE Lite, PGM-6208
28/8/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0421	15:05	MultiRAE Lite, PGM-6208
28/8/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0447	10:15	MultiRAE Lite, PGM-6208
28/8/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0419	15:15	MultiRAE Lite, PGM-6208
28/8/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0418	10:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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28/8/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0407	15:25	MultiRAE Lite, PGM-6208
28/8/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0417	10:45	MultiRAE Lite, PGM-6208
28/8/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0437	15:45	MultiRAE Lite, PGM-6208
28/8/2021	Pit A	5	10:55	Rain	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0439	10:55	MultiRAE Lite, PGM-6208
28/8/2021	Pit A	5	15:55	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0428	15:55	MultiRAE Lite, PGM-6208
28/8/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0437	11:05	MultiRAE Lite, PGM-6208
28/8/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0442	16:05	MultiRAE Lite, PGM-6208
30/8/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0438	8:30	MultiRAE Lite, PGM-6208
30/8/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0431	13:30	MultiRAE Lite, PGM-6208
30/8/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
30/8/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0445	8:45	MultiRAE Lite, PGM-6208
30/8/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0435	13:45	MultiRAE Lite, PGM-6208
30/8/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0437	16:45	MultiRAE Lite, PGM-6208
30/8/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0435	8:55	MultiRAE Lite, PGM-6208
30/8/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0413	13:55	MultiRAE Lite, PGM-6208
30/8/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0409	9:00	MultiRAE Lite, PGM-6208
30/8/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0434	14:00	MultiRAE Lite, PGM-6208
30/8/2021	Pit D	5	9:15	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0415	9:15	MultiRAE Lite, PGM-6208
30/8/2021	Pit D	5	14:15	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0441	14:15	MultiRAE Lite, PGM-6208
30/8/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0419	9:25	MultiRAE Lite, PGM-6208
30/8/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0425	14:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
30/8/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0429	9:45	MultiRAE Lite, PGM-6208
30/8/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0443	14:45	MultiRAE Lite, PGM-6208
30/8/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0419	9:55	MultiRAE Lite, PGM-6208
30/8/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0434	14:55	MultiRAE Lite, PGM-6208
30/8/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0433	10:05	MultiRAE Lite, PGM-6208
30/8/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0455	15:05	MultiRAE Lite, PGM-6208
30/8/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0407	10:15	MultiRAE Lite, PGM-6208
30/8/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0428	15:15	MultiRAE Lite, PGM-6208
30/8/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0416	10:25	MultiRAE Lite, PGM-6208
30/8/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0402	15:25	MultiRAE Lite, PGM-6208
30/8/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0437	10:45	MultiRAE Lite, PGM-6208
30/8/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0431	15:45	MultiRAE Lite, PGM-6208
30/8/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0408	10:55	MultiRAE Lite, PGM-6208
30/8/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0419	15:55	MultiRAE Lite, PGM-6208
30/8/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0441	11:05	MultiRAE Lite, PGM-6208
30/8/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0426	16:05	MultiRAE Lite, PGM-6208
31/8/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0421	8:30	MultiRAE Lite, PGM-6208
31/8/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0426	13:30	MultiRAE Lite, PGM-6208
31/8/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	0.0421	17:00	MultiRAE Lite, PGM-6208
31/8/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0448	8:45	MultiRAE Lite, PGM-6208
31/8/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0427	13:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
31/8/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0452	16:45	MultiRAE Lite, PGM-6208
31/8/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0445	8:55	MultiRAE Lite, PGM-6208
31/8/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0411	13:55	MultiRAE Lite, PGM-6208
31/8/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0428	9:00	MultiRAE Lite, PGM-6208
31/8/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0433	14:00	MultiRAE Lite, PGM-6208
31/8/2021	Pit D	5	9:15	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0438	9:15	MultiRAE Lite, PGM-6208
31/8/2021	Pit D	5	14:15	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0449	14:15	MultiRAE Lite, PGM-6208
31/8/2021	Pit C	8	9:25	Rain	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	0.0428	9:25	MultiRAE Lite, PGM-6208
31/8/2021	Pit C	8	14:25	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0403	14:25	MultiRAE Lite, PGM-6208
31/8/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0431	9:45	MultiRAE Lite, PGM-6208
31/8/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0437	14:45	MultiRAE Lite, PGM-6208
31/8/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0421	9:55	MultiRAE Lite, PGM-6208
31/8/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0438	14:55	MultiRAE Lite, PGM-6208
31/8/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0419	10:05	MultiRAE Lite, PGM-6208
31/8/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0408	15:05	MultiRAE Lite, PGM-6208
31/8/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0434	10:15	MultiRAE Lite, PGM-6208
31/8/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0437	15:15	MultiRAE Lite, PGM-6208
31/8/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0429	10:25	MultiRAE Lite, PGM-6208
31/8/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0418	15:25	MultiRAE Lite, PGM-6208
31/8/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0407	10:45	MultiRAE Lite, PGM-6208
31/8/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0428	15:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
31/8/2021	Pit A	5	10:55	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0442	10:55	MultiRAE Lite, PGM-6208
31/8/2021	Pit A	5	15:55	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0414	15:55	MultiRAE Lite, PGM-6208
31/8/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0459	11:05	MultiRAE Lite, PGM-6208
31/8/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0413	16:05	MultiRAE Lite, PGM-6208
1/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0421	8:30	MultiRAE Lite, PGM-6208
1/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0427	13:30	MultiRAE Lite, PGM-6208
1/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0432	17:00	MultiRAE Lite, PGM-6208
1/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0447	8:45	MultiRAE Lite, PGM-6208
1/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0419	13:45	MultiRAE Lite, PGM-6208
1/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0436	16:45	MultiRAE Lite, PGM-6208
1/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0433	10:15	MultiRAE Lite, PGM-6208
1/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0423	15:15	MultiRAE Lite, PGM-6208
1/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0429	10:25	MultiRAE Lite, PGM-6208
1/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0426	15:25	MultiRAE Lite, PGM-6208
1/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0439	10:45	MultiRAE Lite, PGM-6208
1/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0427	15:45	MultiRAE Lite, PGM-6208
1/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0416	10:55	MultiRAE Lite, PGM-6208
1/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0423	15:55	MultiRAE Lite, PGM-6208
1/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0437	11:05	MultiRAE Lite, PGM-6208
1/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0444	16:05	MultiRAE Lite, PGM-6208
1/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0426	8:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
1/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0441	13:55	MultiRAE Lite, PGM-6208
1/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0439	9:00	MultiRAE Lite, PGM-6208
1/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0416	14:00	MultiRAE Lite, PGM-6208
1/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0433	9:15	MultiRAE Lite, PGM-6208
1/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0442	14:15	MultiRAE Lite, PGM-6208
1/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0427	9:25	MultiRAE Lite, PGM-6208
1/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0422	14:25	MultiRAE Lite, PGM-6208
1/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.4470	9:45	MultiRAE Lite, PGM-6208
1/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0431	14:45	MultiRAE Lite, PGM-6208
1/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0426	9:55	MultiRAE Lite, PGM-6208
1/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0419	14:55	MultiRAE Lite, PGM-6208
1/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0436	10:05	MultiRAE Lite, PGM-6208
1/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0421	15:05	MultiRAE Lite, PGM-6208
2/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0426	8:30	MultiRAE Lite, PGM-6208
2/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0437	13:30	MultiRAE Lite, PGM-6208
2/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0427	17:00	MultiRAE Lite, PGM-6208
2/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0439	8:45	MultiRAE Lite, PGM-6208
2/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0411	13:45	MultiRAE Lite, PGM-6208
2/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0413	16:45	MultiRAE Lite, PGM-6208
2/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0436	10:15	MultiRAE Lite, PGM-6208
2/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0439	15:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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2/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0444	10:25	MultiRAE Lite, PGM-6208
2/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0422	15:25	MultiRAE Lite, PGM-6208
2/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0416	10:45	MultiRAE Lite, PGM-6208
2/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0425	15:45	MultiRAE Lite, PGM-6208
2/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0415	10:55	MultiRAE Lite, PGM-6208
2/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0419	15:55	MultiRAE Lite, PGM-6208
2/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0431	11:05	MultiRAE Lite, PGM-6208
2/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0428	16:05	MultiRAE Lite, PGM-6208
2/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0429	8:55	MultiRAE Lite, PGM-6208
2/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0419	13:55	MultiRAE Lite, PGM-6208
2/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0417	9:00	MultiRAE Lite, PGM-6208
2/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0422	14:00	MultiRAE Lite, PGM-6208
2/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0437	9:15	MultiRAE Lite, PGM-6208
2/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0426	14:15	MultiRAE Lite, PGM-6208
2/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0429	9:25	MultiRAE Lite, PGM-6208
2/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0425	14:25	MultiRAE Lite, PGM-6208
2/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0438	9:45	MultiRAE Lite, PGM-6208
2/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0412	14:45	MultiRAE Lite, PGM-6208
2/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0415	9:55	MultiRAE Lite, PGM-6208
2/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0436	14:55	MultiRAE Lite, PGM-6208
2/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0429	10:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
2/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0428	15:05	MultiRAE Lite, PGM-6208
3/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0416	8:30	MultiRAE Lite, PGM-6208
3/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0437	13:30	MultiRAE Lite, PGM-6208
3/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0422	17:00	MultiRAE Lite, PGM-6208
3/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0424	8:45	MultiRAE Lite, PGM-6208
3/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0406	13:45	MultiRAE Lite, PGM-6208
3/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0439	16:45	MultiRAE Lite, PGM-6208
3/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0419	10:15	MultiRAE Lite, PGM-6208
3/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0426	15:15	MultiRAE Lite, PGM-6208
3/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0431	10:25	MultiRAE Lite, PGM-6208
3/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0420	15:25	MultiRAE Lite, PGM-6208
3/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0450	10:45	MultiRAE Lite, PGM-6208
3/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0447	15:45	MultiRAE Lite, PGM-6208
3/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0449	10:55	MultiRAE Lite, PGM-6208
3/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0428	15:55	MultiRAE Lite, PGM-6208
3/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0416	11:05	MultiRAE Lite, PGM-6208
3/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0412	16:05	MultiRAE Lite, PGM-6208
3/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0440	8:55	MultiRAE Lite, PGM-6208
3/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0432	13:55	MultiRAE Lite, PGM-6208
3/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0410	9:00	MultiRAE Lite, PGM-6208
3/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0409	14:00	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
3/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0418	9:15	MultiRAE Lite, PGM-6208
3/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0428	14:15	MultiRAE Lite, PGM-6208
3/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0431	9:25	MultiRAE Lite, PGM-6208
3/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0430	14:25	MultiRAE Lite, PGM-6208
3/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0441	9:45	MultiRAE Lite, PGM-6208
3/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0429	14:45	MultiRAE Lite, PGM-6208
3/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0436	9:55	MultiRAE Lite, PGM-6208
3/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0407	14:55	MultiRAE Lite, PGM-6208
3/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0410	10:05	MultiRAE Lite, PGM-6208
3/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0406	15:05	MultiRAE Lite, PGM-6208
4/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0426	8:30	MultiRAE Lite, PGM-6208
4/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0433	13:30	MultiRAE Lite, PGM-6208
4/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0421	17:00	MultiRAE Lite, PGM-6208
4/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0439	8:45	MultiRAE Lite, PGM-6208
4/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0428	13:45	MultiRAE Lite, PGM-6208
4/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0416	16:45	MultiRAE Lite, PGM-6208
4/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0441	10:15	MultiRAE Lite, PGM-6208
4/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0436	15:15	MultiRAE Lite, PGM-6208
4/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0429	10:25	MultiRAE Lite, PGM-6208
4/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0447	15:25	MultiRAE Lite, PGM-6208
4/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0423	10:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
4/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	27	997	PGM-2500P (QRAE III)	0.0436	15:45	MultiRAE Lite, PGM-6208
4/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0414	10:55	MultiRAE Lite, PGM-6208
4/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0419	15:55	MultiRAE Lite, PGM-6208
4/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0402	11:05	MultiRAE Lite, PGM-6208
4/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0422	16:05	MultiRAE Lite, PGM-6208
4/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0421	8:55	MultiRAE Lite, PGM-6208
4/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0406	13:55	MultiRAE Lite, PGM-6208
4/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0411	9:00	MultiRAE Lite, PGM-6208
4/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0412	14:00	MultiRAE Lite, PGM-6208
4/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0409	9:15	MultiRAE Lite, PGM-6208
4/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0426	14:15	MultiRAE Lite, PGM-6208
4/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0431	9:25	MultiRAE Lite, PGM-6208
4/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0429	14:25	MultiRAE Lite, PGM-6208
4/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0432	9:45	MultiRAE Lite, PGM-6208
4/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0416	14:45	MultiRAE Lite, PGM-6208
4/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0405	9:55	MultiRAE Lite, PGM-6208
4/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0435	14:55	MultiRAE Lite, PGM-6208
4/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0432	10:05	MultiRAE Lite, PGM-6208
4/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0421	15:05	MultiRAE Lite, PGM-6208
6/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0422	8:30	MultiRAE Lite, PGM-6208
6/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0443	13:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
6/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	0.0439	17:00	MultiRAE Lite, PGM-6208
6/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0425	8:45	MultiRAE Lite, PGM-6208
6/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0434	13:45	MultiRAE Lite, PGM-6208
6/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	0.0417	16:45	MultiRAE Lite, PGM-6208
6/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0438	10:15	MultiRAE Lite, PGM-6208
6/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0426	15:15	MultiRAE Lite, PGM-6208
6/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0414	10:25	MultiRAE Lite, PGM-6208
6/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0412	15:25	MultiRAE Lite, PGM-6208
6/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0405	10:45	MultiRAE Lite, PGM-6208
6/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0405	15:45	MultiRAE Lite, PGM-6208
6/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0414	10:55	MultiRAE Lite, PGM-6208
6/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0426	15:55	MultiRAE Lite, PGM-6208
6/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0433	11:05	MultiRAE Lite, PGM-6208
6/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0412	16:05	MultiRAE Lite, PGM-6208
6/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0418	8:55	MultiRAE Lite, PGM-6208
6/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0426	13:55	MultiRAE Lite, PGM-6208
6/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0424	9:00	MultiRAE Lite, PGM-6208
6/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0436	14:00	MultiRAE Lite, PGM-6208
6/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0411	9:15	MultiRAE Lite, PGM-6208
6/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0408	14:15	MultiRAE Lite, PGM-6208
6/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0428	9:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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6/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0431	14:25	MultiRAE Lite, PGM-6208
6/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0440	9:45	MultiRAE Lite, PGM-6208
6/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0419	14:45	MultiRAE Lite, PGM-6208
6/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0426	9:55	MultiRAE Lite, PGM-6208
6/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0408	14:55	MultiRAE Lite, PGM-6208
6/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0422	10:05	MultiRAE Lite, PGM-6208
6/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0423	15:05	MultiRAE Lite, PGM-6208
7/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0447	8:30	MultiRAE Lite, PGM-6208
7/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0438	13:30	MultiRAE Lite, PGM-6208
7/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0421	17:00	MultiRAE Lite, PGM-6208
7/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0419	8:45	MultiRAE Lite, PGM-6208
7/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0438	13:45	MultiRAE Lite, PGM-6208
7/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0426	16:45	MultiRAE Lite, PGM-6208
7/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.4470	10:15	MultiRAE Lite, PGM-6208
7/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0450	15:15	MultiRAE Lite, PGM-6208
7/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0433	10:25	MultiRAE Lite, PGM-6208
7/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.4240	15:25	MultiRAE Lite, PGM-6208
7/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0447	10:45	MultiRAE Lite, PGM-6208
7/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0462	15:45	MultiRAE Lite, PGM-6208
7/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0429	10:55	MultiRAE Lite, PGM-6208
7/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0416	15:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
7/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0427	11:05	MultiRAE Lite, PGM-6208
7/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0456	16:05	MultiRAE Lite, PGM-6208
7/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0436	8:55	MultiRAE Lite, PGM-6208
7/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0443	13:55	MultiRAE Lite, PGM-6208
7/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0416	9:00	MultiRAE Lite, PGM-6208
7/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0450	14:00	MultiRAE Lite, PGM-6208
7/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0452	9:15	MultiRAE Lite, PGM-6208
7/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.4290	14:15	MultiRAE Lite, PGM-6208
7/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0431	9:25	MultiRAE Lite, PGM-6208
7/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0416	14:25	MultiRAE Lite, PGM-6208
7/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0422	9:45	MultiRAE Lite, PGM-6208
7/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0430	14:45	MultiRAE Lite, PGM-6208
7/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0410	9:55	MultiRAE Lite, PGM-6208
7/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0439	14:55	MultiRAE Lite, PGM-6208
7/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1013	PGM-2500P (QRAE III)	0.0448	10:05	MultiRAE Lite, PGM-6208
7/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0429	15:05	MultiRAE Lite, PGM-6208
8/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0429	8:30	MultiRAE Lite, PGM-6208
8/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0440	13:30	MultiRAE Lite, PGM-6208
8/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0433	17:00	MultiRAE Lite, PGM-6208
8/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0431	8:45	MultiRAE Lite, PGM-6208
8/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0421	13:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
8/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0439	16:45	MultiRAE Lite, PGM-6208
8/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0423	10:15	MultiRAE Lite, PGM-6208
8/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0413	15:15	MultiRAE Lite, PGM-6208
8/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0448	10:25	MultiRAE Lite, PGM-6208
8/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0452	15:25	MultiRAE Lite, PGM-6208
8/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	39	999	PGM-2500P (QRAE III)	0.0459	10:45	MultiRAE Lite, PGM-6208
8/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0436	15:45	MultiRAE Lite, PGM-6208
8/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	39	999	PGM-2500P (QRAE III)	0.0431	10:55	MultiRAE Lite, PGM-6208
8/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0421	15:55	MultiRAE Lite, PGM-6208
8/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	39	999	PGM-2500P (QRAE III)	0.0438	11:05	MultiRAE Lite, PGM-6208
8/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0456	16:05	MultiRAE Lite, PGM-6208
8/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0427	8:55	MultiRAE Lite, PGM-6208
8/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0461	13:55	MultiRAE Lite, PGM-6208
8/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0424	9:00	MultiRAE Lite, PGM-6208
8/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0437	14:00	MultiRAE Lite, PGM-6208
8/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0419	9:15	MultiRAE Lite, PGM-6208
8/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0444	14:15	MultiRAE Lite, PGM-6208
8/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0436	9:25	MultiRAE Lite, PGM-6208
8/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0429	14:25	MultiRAE Lite, PGM-6208
8/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0418	9:45	MultiRAE Lite, PGM-6208
8/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0412	14:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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8/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0426	9:55	MultiRAE Lite, PGM-6208
8/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0457	14:55	MultiRAE Lite, PGM-6208
8/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0452	10:05	MultiRAE Lite, PGM-6208
8/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0449	15:05	MultiRAE Lite, PGM-6208
9/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0437	8:30	MultiRAE Lite, PGM-6208
9/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0452	13:30	MultiRAE Lite, PGM-6208
9/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0431	17:00	MultiRAE Lite, PGM-6208
9/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0449	8:45	MultiRAE Lite, PGM-6208
9/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0432	13:45	MultiRAE Lite, PGM-6208
9/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0456	16:45	MultiRAE Lite, PGM-6208
9/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0422	10:15	MultiRAE Lite, PGM-6208
9/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0418	15:15	MultiRAE Lite, PGM-6208
9/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0417	10:25	MultiRAE Lite, PGM-6208
9/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0432	15:25	MultiRAE Lite, PGM-6208
9/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0439	10:45	MultiRAE Lite, PGM-6208
9/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0426	15:45	MultiRAE Lite, PGM-6208
9/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0454	10:55	MultiRAE Lite, PGM-6208
9/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0412	15:55	MultiRAE Lite, PGM-6208
9/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0433	11:05	MultiRAE Lite, PGM-6208
9/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0455	16:05	MultiRAE Lite, PGM-6208
9/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0412	8:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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9/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0431	13:55	MultiRAE Lite, PGM-6208
9/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0421	9:00	MultiRAE Lite, PGM-6208
9/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0423	14:00	MultiRAE Lite, PGM-6208
9/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0429	9:15	MultiRAE Lite, PGM-6208
9/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0430	14:15	MultiRAE Lite, PGM-6208
9/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0412	9:25	MultiRAE Lite, PGM-6208
9/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0407	14:25	MultiRAE Lite, PGM-6208
9/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0441	9:45	MultiRAE Lite, PGM-6208
9/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0439	14:45	MultiRAE Lite, PGM-6208
9/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0457	9:55	MultiRAE Lite, PGM-6208
9/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0436	14:55	MultiRAE Lite, PGM-6208
9/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0432	10:05	MultiRAE Lite, PGM-6208
9/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	0.0416	15:05	MultiRAE Lite, PGM-6208
10/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0423	8:30	MultiRAE Lite, PGM-6208
10/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0419	13:30	MultiRAE Lite, PGM-6208
10/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0444	17:00	MultiRAE Lite, PGM-6208
10/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0453	8:45	MultiRAE Lite, PGM-6208
10/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0419	13:45	MultiRAE Lite, PGM-6208
10/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0421	16:45	MultiRAE Lite, PGM-6208
10/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0437	10:15	MultiRAE Lite, PGM-6208
10/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0454	15:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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10/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0426	10:25	MultiRAE Lite, PGM-6208
10/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0451	15:25	MultiRAE Lite, PGM-6208
10/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0438	10:45	MultiRAE Lite, PGM-6208
10/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0449	15:45	MultiRAE Lite, PGM-6208
10/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0456	10:55	MultiRAE Lite, PGM-6208
10/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0401	15:55	MultiRAE Lite, PGM-6208
10/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0422	11:05	MultiRAE Lite, PGM-6208
10/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0454	16:05	MultiRAE Lite, PGM-6208
10/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0427	8:55	MultiRAE Lite, PGM-6208
10/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0450	13:55	MultiRAE Lite, PGM-6208
10/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0406	9:00	MultiRAE Lite, PGM-6208
10/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0443	14:00	MultiRAE Lite, PGM-6208
10/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0422	9:15	MultiRAE Lite, PGM-6208
10/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0458	14:15	MultiRAE Lite, PGM-6208
10/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0434	9:25	MultiRAE Lite, PGM-6208
10/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0457	14:25	MultiRAE Lite, PGM-6208
10/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0429	9:45	MultiRAE Lite, PGM-6208
10/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0436	14:45	MultiRAE Lite, PGM-6208
10/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0451	9:55	MultiRAE Lite, PGM-6208
10/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0432	14:55	MultiRAE Lite, PGM-6208
10/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	0.0429	10:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
10/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0459	15:05	MultiRAE Lite, PGM-6208
11/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0432	8:30	MultiRAE Lite, PGM-6208
11/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0428	13:30	MultiRAE Lite, PGM-6208
11/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0412	17:00	MultiRAE Lite, PGM-6208
11/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0450	8:45	MultiRAE Lite, PGM-6208
11/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0421	13:45	MultiRAE Lite, PGM-6208
11/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0429	16:45	MultiRAE Lite, PGM-6208
11/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0422	10:15	MultiRAE Lite, PGM-6208
11/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0439	15:15	MultiRAE Lite, PGM-6208
11/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0436	10:25	MultiRAE Lite, PGM-6208
11/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0441	15:25	MultiRAE Lite, PGM-6208
11/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0429	10:45	MultiRAE Lite, PGM-6208
11/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0417	15:45	MultiRAE Lite, PGM-6208
11/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0453	10:55	MultiRAE Lite, PGM-6208
11/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0440	15:55	MultiRAE Lite, PGM-6208
11/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0420	11:05	MultiRAE Lite, PGM-6208
11/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0419	16:05	MultiRAE Lite, PGM-6208
11/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0432	8:55	MultiRAE Lite, PGM-6208
11/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0415	13:55	MultiRAE Lite, PGM-6208
11/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0453	9:00	MultiRAE Lite, PGM-6208
11/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0412	14:00	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
11/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0423	9:15	MultiRAE Lite, PGM-6208
11/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0449	14:15	MultiRAE Lite, PGM-6208
11/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0452	9:25	MultiRAE Lite, PGM-6208
11/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0412	14:25	MultiRAE Lite, PGM-6208
11/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0433	9:45	MultiRAE Lite, PGM-6208
11/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0436	14:45	MultiRAE Lite, PGM-6208
11/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0442	9:55	MultiRAE Lite, PGM-6208
11/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0454	14:55	MultiRAE Lite, PGM-6208
11/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0419	10:05	MultiRAE Lite, PGM-6208
11/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0417	15:05	MultiRAE Lite, PGM-6208
13/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0423	8:30	MultiRAE Lite, PGM-6208
13/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0456	13:30	MultiRAE Lite, PGM-6208
13/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
13/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0429	8:45	MultiRAE Lite, PGM-6208
13/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0436	13:45	MultiRAE Lite, PGM-6208
13/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	0.0442	16:45	MultiRAE Lite, PGM-6208
13/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0429	10:15	MultiRAE Lite, PGM-6208
13/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0414	15:15	MultiRAE Lite, PGM-6208
13/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0426	10:25	MultiRAE Lite, PGM-6208
13/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	0.0436	15:25	MultiRAE Lite, PGM-6208
13/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0429	10:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
13/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0416	15:45	MultiRAE Lite, PGM-6208
13/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0434	10:55	MultiRAE Lite, PGM-6208
13/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0439	15:55	MultiRAE Lite, PGM-6208
13/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0417	11:05	MultiRAE Lite, PGM-6208
13/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	0.0426	16:05	MultiRAE Lite, PGM-6208
13/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0433	8:55	MultiRAE Lite, PGM-6208
13/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0419	13:55	MultiRAE Lite, PGM-6208
13/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0429	9:00	MultiRAE Lite, PGM-6208
13/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0427	14:00	MultiRAE Lite, PGM-6208
13/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0436	9:15	MultiRAE Lite, PGM-6208
13/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0427	14:15	MultiRAE Lite, PGM-6208
13/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0436	9:25	MultiRAE Lite, PGM-6208
13/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0429	14:25	MultiRAE Lite, PGM-6208
13/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0426	9:45	MultiRAE Lite, PGM-6208
13/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0435	14:45	MultiRAE Lite, PGM-6208
13/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0454	9:55	MultiRAE Lite, PGM-6208
13/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0429	14:55	MultiRAE Lite, PGM-6208
13/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0417	10:05	MultiRAE Lite, PGM-6208
13/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	0.0416	15:05	MultiRAE Lite, PGM-6208
14/9/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0418	8:30	MultiRAE Lite, PGM-6208
14/9/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0421	13:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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14/9/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0437	17:00	MultiRAE Lite, PGM-6208
14/9/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0444	8:45	MultiRAE Lite, PGM-6208
14/9/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0422	13:45	MultiRAE Lite, PGM-6208
14/9/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0451	16:45	MultiRAE Lite, PGM-6208
14/9/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0434	10:15	MultiRAE Lite, PGM-6208
14/9/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0411	15:15	MultiRAE Lite, PGM-6208
14/9/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0414	10:25	MultiRAE Lite, PGM-6208
14/9/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0455	15:25	MultiRAE Lite, PGM-6208
14/9/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0424	10:45	MultiRAE Lite, PGM-6208
14/9/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0439	15:45	MultiRAE Lite, PGM-6208
14/9/2021	Pit A	5	10:55	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0418	10:55	MultiRAE Lite, PGM-6208
14/9/2021	Pit A	5	15:55	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0429	15:55	MultiRAE Lite, PGM-6208
14/9/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0444	11:05	MultiRAE Lite, PGM-6208
14/9/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0427	16:05	MultiRAE Lite, PGM-6208
14/9/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0430	8:55	MultiRAE Lite, PGM-6208
14/9/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0437	13:55	MultiRAE Lite, PGM-6208
14/9/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0433	9:00	MultiRAE Lite, PGM-6208
14/9/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0434	14:00	MultiRAE Lite, PGM-6208
14/9/2021	Pit D	2.5	9:15	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0421	9:15	MultiRAE Lite, PGM-6208
14/9/2021	Pit D	2.5	14:15	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0429	14:15	MultiRAE Lite, PGM-6208
14/9/2021	Pit C	8	9:25	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0437	9:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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14/9/2021	Pit C	8	14:25	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0431	14:25	MultiRAE Lite, PGM-6208
14/9/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0429	9:45	MultiRAE Lite, PGM-6208
14/9/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0408	14:45	MultiRAE Lite, PGM-6208
14/9/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0447	9:55	MultiRAE Lite, PGM-6208
14/9/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0453	14:55	MultiRAE Lite, PGM-6208
14/9/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0428	10:05	MultiRAE Lite, PGM-6208
14/9/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0454	15:05	MultiRAE Lite, PGM-6208
15/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0417	8:30	MultiRAE Lite, PGM-6208
15/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0412	13:30	MultiRAE Lite, PGM-6208
15/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0437	17:00	MultiRAE Lite, PGM-6208
15/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0420	8:45	MultiRAE Lite, PGM-6208
15/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0419	13:45	MultiRAE Lite, PGM-6208
15/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0438	16:45	MultiRAE Lite, PGM-6208
15/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0433	10:15	MultiRAE Lite, PGM-6208
15/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0438	15:15	MultiRAE Lite, PGM-6208
15/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0419	10:25	MultiRAE Lite, PGM-6208
15/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0442	15:25	MultiRAE Lite, PGM-6208
15/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0453	10:45	MultiRAE Lite, PGM-6208
15/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0438	15:45	MultiRAE Lite, PGM-6208
15/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0427	10:55	MultiRAE Lite, PGM-6208
15/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0418	15:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
15/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	11:05	MultiRAE Lite, PGM-6208
15/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0408	16:05	MultiRAE Lite, PGM-6208
15/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0424	8:55	MultiRAE Lite, PGM-6208
15/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0425	13:55	MultiRAE Lite, PGM-6208
15/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0442	9:00	MultiRAE Lite, PGM-6208
15/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0414	14:00	MultiRAE Lite, PGM-6208
15/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0417	9:15	MultiRAE Lite, PGM-6208
15/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0429	14:15	MultiRAE Lite, PGM-6208
15/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0438	9:25	MultiRAE Lite, PGM-6208
15/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0418	14:25	MultiRAE Lite, PGM-6208
15/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0422	9:45	MultiRAE Lite, PGM-6208
15/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0419	14:45	MultiRAE Lite, PGM-6208
15/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0438	9:55	MultiRAE Lite, PGM-6208
15/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0426	14:55	MultiRAE Lite, PGM-6208
15/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0448	10:05	MultiRAE Lite, PGM-6208
15/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0452	15:05	MultiRAE Lite, PGM-6208
16/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0438	8:30	MultiRAE Lite, PGM-6208
16/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0431	13:30	MultiRAE Lite, PGM-6208
16/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.4240	17:00	MultiRAE Lite, PGM-6208
16/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0451	8:45	MultiRAE Lite, PGM-6208
16/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0424	13:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
16/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0407	16:45	MultiRAE Lite, PGM-6208
16/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	10:15	MultiRAE Lite, PGM-6208
16/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0438	15:15	MultiRAE Lite, PGM-6208
16/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0441	10:25	MultiRAE Lite, PGM-6208
16/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0428	15:25	MultiRAE Lite, PGM-6208
16/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0416	10:45	MultiRAE Lite, PGM-6208
16/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0429	15:45	MultiRAE Lite, PGM-6208
16/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0438	10:55	MultiRAE Lite, PGM-6208
16/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0451	15:55	MultiRAE Lite, PGM-6208
16/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0415	11:05	MultiRAE Lite, PGM-6208
16/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0432	16:05	MultiRAE Lite, PGM-6208
16/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0416	8:55	MultiRAE Lite, PGM-6208
16/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0405	13:55	MultiRAE Lite, PGM-6208
16/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0437	9:00	MultiRAE Lite, PGM-6208
16/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0401	14:00	MultiRAE Lite, PGM-6208
16/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0442	9:15	MultiRAE Lite, PGM-6208
16/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0401	14:15	MultiRAE Lite, PGM-6208
16/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0431	9:25	MultiRAE Lite, PGM-6208
16/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0400	14:25	MultiRAE Lite, PGM-6208
16/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0451	9:45	MultiRAE Lite, PGM-6208
16/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0437	14:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
16/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0435	9:55	MultiRAE Lite, PGM-6208
16/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0442	14:55	MultiRAE Lite, PGM-6208
16/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0433	10:05	MultiRAE Lite, PGM-6208
16/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0439	15:05	MultiRAE Lite, PGM-6208
17/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0407	8:30	MultiRAE Lite, PGM-6208
17/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0431	13:30	MultiRAE Lite, PGM-6208
17/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0422	17:00	MultiRAE Lite, PGM-6208
17/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0414	8:45	MultiRAE Lite, PGM-6208
17/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0433	13:45	MultiRAE Lite, PGM-6208
17/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0429	16:45	MultiRAE Lite, PGM-6208
17/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0451	10:15	MultiRAE Lite, PGM-6208
17/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0408	15:15	MultiRAE Lite, PGM-6208
17/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0447	10:25	MultiRAE Lite, PGM-6208
17/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0423	15:25	MultiRAE Lite, PGM-6208
17/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0418	10:45	MultiRAE Lite, PGM-6208
17/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0451	15:45	MultiRAE Lite, PGM-6208
17/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0449	10:55	MultiRAE Lite, PGM-6208
17/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0426	15:55	MultiRAE Lite, PGM-6208
17/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0437	11:05	MultiRAE Lite, PGM-6208
17/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0433	16:05	MultiRAE Lite, PGM-6208
17/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0434	8:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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17/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0419	13:55	MultiRAE Lite, PGM-6208
17/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0428	9:00	MultiRAE Lite, PGM-6208
17/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0433	14:00	MultiRAE Lite, PGM-6208
17/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0412	9:15	MultiRAE Lite, PGM-6208
17/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0404	14:15	MultiRAE Lite, PGM-6208
17/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0448	9:25	MultiRAE Lite, PGM-6208
17/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0401	14:25	MultiRAE Lite, PGM-6208
17/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0418	9:45	MultiRAE Lite, PGM-6208
17/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0438	14:45	MultiRAE Lite, PGM-6208
17/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0440	9:55	MultiRAE Lite, PGM-6208
17/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)	0.0431	14:55	MultiRAE Lite, PGM-6208
17/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0418	10:05	MultiRAE Lite, PGM-6208
17/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	0.0425	15:05	MultiRAE Lite, PGM-6208
18/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0418	8:30	MultiRAE Lite, PGM-6208
18/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0431	13:30	MultiRAE Lite, PGM-6208
18/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0429	17:00	MultiRAE Lite, PGM-6208
18/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0406	8:45	MultiRAE Lite, PGM-6208
18/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0431	13:45	MultiRAE Lite, PGM-6208
18/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0437	16:45	MultiRAE Lite, PGM-6208
18/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0418	10:15	MultiRAE Lite, PGM-6208
18/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0429	15:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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18/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0438	10:25	MultiRAE Lite, PGM-6208
18/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0445	15:25	MultiRAE Lite, PGM-6208
18/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0452	10:45	MultiRAE Lite, PGM-6208
18/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0427	15:45	MultiRAE Lite, PGM-6208
18/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0438	10:55	MultiRAE Lite, PGM-6208
18/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0405	15:55	MultiRAE Lite, PGM-6208
18/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0417	11:05	MultiRAE Lite, PGM-6208
18/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0432	16:05	MultiRAE Lite, PGM-6208
18/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0428	8:55	MultiRAE Lite, PGM-6208
18/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0433	13:55	MultiRAE Lite, PGM-6208
18/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0420	9:00	MultiRAE Lite, PGM-6208
18/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0438	14:00	MultiRAE Lite, PGM-6208
18/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0452	9:15	MultiRAE Lite, PGM-6208
18/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0411	14:15	MultiRAE Lite, PGM-6208
18/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0429	9:25	MultiRAE Lite, PGM-6208
18/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0437	14:25	MultiRAE Lite, PGM-6208
18/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0438	9:45	MultiRAE Lite, PGM-6208
18/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0410	14:45	MultiRAE Lite, PGM-6208
18/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0413	9:55	MultiRAE Lite, PGM-6208
18/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0425	14:55	MultiRAE Lite, PGM-6208
18/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0455	10:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
18/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0418	15:05	MultiRAE Lite, PGM-6208
20/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0426	8:30	MultiRAE Lite, PGM-6208
20/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0446	13:30	MultiRAE Lite, PGM-6208
20/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
20/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0439	8:45	MultiRAE Lite, PGM-6208
20/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0421	13:45	MultiRAE Lite, PGM-6208
20/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0416	16:45	MultiRAE Lite, PGM-6208
20/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0438	10:15	MultiRAE Lite, PGM-6208
20/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0427	15:15	MultiRAE Lite, PGM-6208
20/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0413	10:25	MultiRAE Lite, PGM-6208
20/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0404	15:25	MultiRAE Lite, PGM-6208
20/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0424	10:45	MultiRAE Lite, PGM-6208
20/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0439	15:45	MultiRAE Lite, PGM-6208
20/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0428	10:55	MultiRAE Lite, PGM-6208
20/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0420	15:55	MultiRAE Lite, PGM-6208
20/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0419	11:05	MultiRAE Lite, PGM-6208
20/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0446	16:05	MultiRAE Lite, PGM-6208
20/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0442	8:55	MultiRAE Lite, PGM-6208
20/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0438	13:55	MultiRAE Lite, PGM-6208
20/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0427	9:00	MultiRAE Lite, PGM-6208
20/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0436	14:00	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
20/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0419	9:15	MultiRAE Lite, PGM-6208
20/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0433	14:15	MultiRAE Lite, PGM-6208
20/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0454	9:25	MultiRAE Lite, PGM-6208
20/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0407	14:25	MultiRAE Lite, PGM-6208
20/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0428	9:45	MultiRAE Lite, PGM-6208
20/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0433	14:45	MultiRAE Lite, PGM-6208
20/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0431	9:55	MultiRAE Lite, PGM-6208
20/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0449	14:55	MultiRAE Lite, PGM-6208
20/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0457	10:05	MultiRAE Lite, PGM-6208
20/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0427	15:05	MultiRAE Lite, PGM-6208
21/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0439	8:30	MultiRAE Lite, PGM-6208
21/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0428	13:30	MultiRAE Lite, PGM-6208
21/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0414	17:00	MultiRAE Lite, PGM-6208
21/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0417	8:45	MultiRAE Lite, PGM-6208
21/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0423	13:45	MultiRAE Lite, PGM-6208
21/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0441	16:45	MultiRAE Lite, PGM-6208
21/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0423	10:15	MultiRAE Lite, PGM-6208
21/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0438	15:15	MultiRAE Lite, PGM-6208
21/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0403	10:25	MultiRAE Lite, PGM-6208
21/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	15:25	MultiRAE Lite, PGM-6208
21/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0411	10:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
21/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0448	15:45	MultiRAE Lite, PGM-6208
21/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0407	10:55	MultiRAE Lite, PGM-6208
21/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0439	15:55	MultiRAE Lite, PGM-6208
21/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0421	11:05	MultiRAE Lite, PGM-6208
21/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0446	16:05	MultiRAE Lite, PGM-6208
21/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0452	8:55	MultiRAE Lite, PGM-6208
21/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0426	13:55	MultiRAE Lite, PGM-6208
21/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0418	9:00	MultiRAE Lite, PGM-6208
21/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0408	14:00	MultiRAE Lite, PGM-6208
21/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0426	9:15	MultiRAE Lite, PGM-6208
21/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0402	14:15	MultiRAE Lite, PGM-6208
21/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0439	9:25	MultiRAE Lite, PGM-6208
21/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0428	14:25	MultiRAE Lite, PGM-6208
21/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0413	9:45	MultiRAE Lite, PGM-6208
21/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0448	14:45	MultiRAE Lite, PGM-6208
21/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	9:55	MultiRAE Lite, PGM-6208
21/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0433	14:55	MultiRAE Lite, PGM-6208
21/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0401	10:05	MultiRAE Lite, PGM-6208
21/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0439	15:05	MultiRAE Lite, PGM-6208
23/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0418	8:30	MultiRAE Lite, PGM-6208
23/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0401	13:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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23/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0438	17:00	MultiRAE Lite, PGM-6208
23/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0428	8:45	MultiRAE Lite, PGM-6208
23/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0443	13:45	MultiRAE Lite, PGM-6208
23/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0419	16:45	MultiRAE Lite, PGM-6208
23/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0442	10:15	MultiRAE Lite, PGM-6208
23/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0405	15:15	MultiRAE Lite, PGM-6208
23/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0413	10:25	MultiRAE Lite, PGM-6208
23/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0434	15:25	MultiRAE Lite, PGM-6208
23/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0446	10:45	MultiRAE Lite, PGM-6208
23/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0427	15:45	MultiRAE Lite, PGM-6208
23/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0435	10:55	MultiRAE Lite, PGM-6208
23/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0422	15:55	MultiRAE Lite, PGM-6208
23/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0417	11:05	MultiRAE Lite, PGM-6208
23/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0408	16:05	MultiRAE Lite, PGM-6208
23/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0415	8:55	MultiRAE Lite, PGM-6208
23/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0439	13:55	MultiRAE Lite, PGM-6208
23/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0431	9:00	MultiRAE Lite, PGM-6208
23/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0443	14:00	MultiRAE Lite, PGM-6208
23/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0429	9:15	MultiRAE Lite, PGM-6208
23/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0408	14:15	MultiRAE Lite, PGM-6208
23/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0430	9:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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23/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0410	14:25	MultiRAE Lite, PGM-6208
23/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0409	9:45	MultiRAE Lite, PGM-6208
23/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.4230	14:45	MultiRAE Lite, PGM-6208
23/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0429	9:55	MultiRAE Lite, PGM-6208
23/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0438	14:55	MultiRAE Lite, PGM-6208
23/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0441	10:05	MultiRAE Lite, PGM-6208
23/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0419	15:05	MultiRAE Lite, PGM-6208
24/9/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0437	8:30	MultiRAE Lite, PGM-6208
24/9/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0419	13:30	MultiRAE Lite, PGM-6208
24/9/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0424	17:00	MultiRAE Lite, PGM-6208
24/9/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0429	8:45	MultiRAE Lite, PGM-6208
24/9/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0441	13:45	MultiRAE Lite, PGM-6208
24/9/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0428	16:45	MultiRAE Lite, PGM-6208
24/9/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0424	10:15	MultiRAE Lite, PGM-6208
24/9/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0429	15:15	MultiRAE Lite, PGM-6208
24/9/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0438	10:25	MultiRAE Lite, PGM-6208
24/9/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0418	15:25	MultiRAE Lite, PGM-6208
24/9/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0428	10:45	MultiRAE Lite, PGM-6208
24/9/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0427	15:45	MultiRAE Lite, PGM-6208
24/9/2021	Pit A	5	10:55	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0458	10:55	MultiRAE Lite, PGM-6208
24/9/2021	Pit A	5	15:55	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0412	15:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
24/9/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0437	11:05	MultiRAE Lite, PGM-6208
24/9/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0416	16:05	MultiRAE Lite, PGM-6208
24/9/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0412	8:55	MultiRAE Lite, PGM-6208
24/9/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0417	13:55	MultiRAE Lite, PGM-6208
24/9/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0432	9:00	MultiRAE Lite, PGM-6208
24/9/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0424	14:00	MultiRAE Lite, PGM-6208
24/9/2021	Pit D	2.5	9:15	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0439	9:15	MultiRAE Lite, PGM-6208
24/9/2021	Pit D	2.5	14:15	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0418	14:15	MultiRAE Lite, PGM-6208
24/9/2021	Pit C	8	9:25	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0429	9:25	MultiRAE Lite, PGM-6208
24/9/2021	Pit C	8	14:25	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0407	14:25	MultiRAE Lite, PGM-6208
24/9/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0426	9:45	MultiRAE Lite, PGM-6208
24/9/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0438	14:45	MultiRAE Lite, PGM-6208
24/9/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0427	9:55	MultiRAE Lite, PGM-6208
24/9/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0440	14:55	MultiRAE Lite, PGM-6208
24/9/2021	137 Pit A	8	10:05	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0428	10:05	MultiRAE Lite, PGM-6208
24/9/2021	137 Pit A	8	15:05	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0429	15:05	MultiRAE Lite, PGM-6208
25/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0431	8:30	MultiRAE Lite, PGM-6208
25/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0421	13:30	MultiRAE Lite, PGM-6208
25/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0411	17:00	MultiRAE Lite, PGM-6208
25/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0428	8:45	MultiRAE Lite, PGM-6208
25/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0431	13:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
25/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0419	16:45	MultiRAE Lite, PGM-6208
25/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0409	10:15	MultiRAE Lite, PGM-6208
25/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.4180	15:15	MultiRAE Lite, PGM-6208
25/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0438	10:25	MultiRAE Lite, PGM-6208
25/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0426	15:25	MultiRAE Lite, PGM-6208
25/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0419	10:45	MultiRAE Lite, PGM-6208
25/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0422	15:45	MultiRAE Lite, PGM-6208
25/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0430	10:55	MultiRAE Lite, PGM-6208
25/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0419	15:55	MultiRAE Lite, PGM-6208
25/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0428	11:05	MultiRAE Lite, PGM-6208
25/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0448	16:05	MultiRAE Lite, PGM-6208
25/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0420	8:55	MultiRAE Lite, PGM-6208
25/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0431	13:55	MultiRAE Lite, PGM-6208
25/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0430	9:00	MultiRAE Lite, PGM-6208
25/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0441	14:00	MultiRAE Lite, PGM-6208
25/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0419	9:15	MultiRAE Lite, PGM-6208
25/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0410	14:15	MultiRAE Lite, PGM-6208
25/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0429	9:25	MultiRAE Lite, PGM-6208
25/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0418	14:25	MultiRAE Lite, PGM-6208
25/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0427	9:45	MultiRAE Lite, PGM-6208
25/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0438	14:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
25/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0418	9:55	MultiRAE Lite, PGM-6208
25/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0420	14:55	MultiRAE Lite, PGM-6208
25/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0439	10:05	MultiRAE Lite, PGM-6208
25/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0418	15:05	MultiRAE Lite, PGM-6208
27/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0419	8:30	MultiRAE Lite, PGM-6208
27/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0428	13:30	MultiRAE Lite, PGM-6208
27/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0404	17:00	MultiRAE Lite, PGM-6208
27/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0402	8:45	MultiRAE Lite, PGM-6208
27/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0431	13:45	MultiRAE Lite, PGM-6208
27/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0433	16:45	MultiRAE Lite, PGM-6208
27/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0415	10:15	MultiRAE Lite, PGM-6208
27/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0409	15:15	MultiRAE Lite, PGM-6208
27/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0427	10:25	MultiRAE Lite, PGM-6208
27/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0421	15:25	MultiRAE Lite, PGM-6208
27/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0420	10:45	MultiRAE Lite, PGM-6208
27/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0410	15:45	MultiRAE Lite, PGM-6208
27/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0445	10:55	MultiRAE Lite, PGM-6208
27/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0415	15:55	MultiRAE Lite, PGM-6208
27/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0427	11:05	MultiRAE Lite, PGM-6208
27/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0423	16:05	MultiRAE Lite, PGM-6208
27/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0456	8:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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27/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0427	13:55	MultiRAE Lite, PGM-6208
27/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0417	9:00	MultiRAE Lite, PGM-6208
27/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0439	14:00	MultiRAE Lite, PGM-6208
27/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0403	9:15	MultiRAE Lite, PGM-6208
27/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0428	14:15	MultiRAE Lite, PGM-6208
27/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0433	9:25	MultiRAE Lite, PGM-6208
27/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0424	14:25	MultiRAE Lite, PGM-6208
27/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0417	9:45	MultiRAE Lite, PGM-6208
27/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0416	14:45	MultiRAE Lite, PGM-6208
27/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0418	9:55	MultiRAE Lite, PGM-6208
27/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0439	14:55	MultiRAE Lite, PGM-6208
27/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0427	10:05	MultiRAE Lite, PGM-6208
27/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0431	15:05	MultiRAE Lite, PGM-6208
28/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0428	8:30	MultiRAE Lite, PGM-6208
28/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0400	13:30	MultiRAE Lite, PGM-6208
28/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
28/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0408	8:45	MultiRAE Lite, PGM-6208
28/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0434	13:45	MultiRAE Lite, PGM-6208
28/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0414	16:45	MultiRAE Lite, PGM-6208
28/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0421	10:15	MultiRAE Lite, PGM-6208
28/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	15:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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28/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0425	10:25	MultiRAE Lite, PGM-6208
28/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0420	15:25	MultiRAE Lite, PGM-6208
28/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0411	10:45	MultiRAE Lite, PGM-6208
28/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0402	15:45	MultiRAE Lite, PGM-6208
28/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0421	10:55	MultiRAE Lite, PGM-6208
28/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0405	15:55	MultiRAE Lite, PGM-6208
28/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0411	11:05	MultiRAE Lite, PGM-6208
28/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0416	16:05	MultiRAE Lite, PGM-6208
28/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	8:55	MultiRAE Lite, PGM-6208
28/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0413	13:55	MultiRAE Lite, PGM-6208
28/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0428	9:00	MultiRAE Lite, PGM-6208
28/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0419	14:00	MultiRAE Lite, PGM-6208
28/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	9:15	MultiRAE Lite, PGM-6208
28/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0445	14:15	MultiRAE Lite, PGM-6208
28/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	9:25	MultiRAE Lite, PGM-6208
28/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0442	14:25	MultiRAE Lite, PGM-6208
28/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0404	9:45	MultiRAE Lite, PGM-6208
28/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0449	14:45	MultiRAE Lite, PGM-6208
28/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0419	9:55	MultiRAE Lite, PGM-6208
28/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0428	14:55	MultiRAE Lite, PGM-6208
28/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0410	10:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
28/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0455	15:05	MultiRAE Lite, PGM-6208
29/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0422	8:30	MultiRAE Lite, PGM-6208
29/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0413	13:30	MultiRAE Lite, PGM-6208
29/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
29/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0445	8:45	MultiRAE Lite, PGM-6208
29/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0435	13:45	MultiRAE Lite, PGM-6208
29/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0446	16:45	MultiRAE Lite, PGM-6208
29/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0401	10:15	MultiRAE Lite, PGM-6208
29/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0425	15:15	MultiRAE Lite, PGM-6208
29/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0402	10:25	MultiRAE Lite, PGM-6208
29/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0412	15:25	MultiRAE Lite, PGM-6208
29/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0404	10:45	MultiRAE Lite, PGM-6208
29/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0415	15:45	MultiRAE Lite, PGM-6208
29/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0424	10:55	MultiRAE Lite, PGM-6208
29/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0409	15:55	MultiRAE Lite, PGM-6208
29/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0410	11:05	MultiRAE Lite, PGM-6208
29/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0415	16:05	MultiRAE Lite, PGM-6208
29/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0428	8:55	MultiRAE Lite, PGM-6208
29/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0413	13:55	MultiRAE Lite, PGM-6208
29/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0409	9:00	MultiRAE Lite, PGM-6208
29/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0414	14:00	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
29/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0419	9:15	MultiRAE Lite, PGM-6208
29/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0414	14:15	MultiRAE Lite, PGM-6208
29/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0425	9:25	MultiRAE Lite, PGM-6208
29/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0449	14:25	MultiRAE Lite, PGM-6208
29/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	9:45	MultiRAE Lite, PGM-6208
29/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0415	14:45	MultiRAE Lite, PGM-6208
29/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0409	9:55	MultiRAE Lite, PGM-6208
29/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0415	14:55	MultiRAE Lite, PGM-6208
29/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0410	10:05	MultiRAE Lite, PGM-6208
29/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0405	15:05	MultiRAE Lite, PGM-6208
30/9/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0438	8:30	MultiRAE Lite, PGM-6208
30/9/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0433	13:30	MultiRAE Lite, PGM-6208
30/9/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0407	17:00	MultiRAE Lite, PGM-6208
30/9/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0448	8:45	MultiRAE Lite, PGM-6208
30/9/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0435	13:45	MultiRAE Lite, PGM-6208
30/9/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0415	16:45	MultiRAE Lite, PGM-6208
30/9/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0430	10:15	MultiRAE Lite, PGM-6208
30/9/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0425	15:15	MultiRAE Lite, PGM-6208
30/9/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0435	10:25	MultiRAE Lite, PGM-6208
30/9/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0432	15:25	MultiRAE Lite, PGM-6208
30/9/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0443	10:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
30/9/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0414	15:45	MultiRAE Lite, PGM-6208
30/9/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0431	10:55	MultiRAE Lite, PGM-6208
30/9/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0452	15:55	MultiRAE Lite, PGM-6208
30/9/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0432	11:05	MultiRAE Lite, PGM-6208
30/9/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0419	16:05	MultiRAE Lite, PGM-6208
30/9/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0455	8:55	MultiRAE Lite, PGM-6208
30/9/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0431	13:55	MultiRAE Lite, PGM-6208
30/9/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0414	9:00	MultiRAE Lite, PGM-6208
30/9/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0409	14:00	MultiRAE Lite, PGM-6208
30/9/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0415	9:15	MultiRAE Lite, PGM-6208
30/9/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0441	14:15	MultiRAE Lite, PGM-6208
30/9/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0425	9:25	MultiRAE Lite, PGM-6208
30/9/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0412	14:25	MultiRAE Lite, PGM-6208
30/9/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0449	9:45	MultiRAE Lite, PGM-6208
30/9/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0451	14:45	MultiRAE Lite, PGM-6208
30/9/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0451	9:55	MultiRAE Lite, PGM-6208
30/9/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0415	14:55	MultiRAE Lite, PGM-6208
30/9/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0405	10:05	MultiRAE Lite, PGM-6208
30/9/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0413	15:05	MultiRAE Lite, PGM-6208
2/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0426	8:30	MultiRAE Lite, PGM-6208
2/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0439	13:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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2/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0442	17:00	MultiRAE Lite, PGM-6208
2/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0443	8:45	MultiRAE Lite, PGM-6208
2/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0436	13:45	MultiRAE Lite, PGM-6208
2/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0417	16:45	MultiRAE Lite, PGM-6208
2/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0442	9:45	MultiRAE Lite, PGM-6208
2/10/2021	137 Pit B	5.5										0.0424	14:45	MultiRAE Lite, PGM-6208
2/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0438	10:05	MultiRAE Lite, PGM-6208
2/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	0.0421	15:05	MultiRAE Lite, PGM-6208
2/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	0.0429	10:15	MultiRAE Lite, PGM-6208
2/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0438	15:15	MultiRAE Lite, PGM-6208
2/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0419	10:25	MultiRAE Lite, PGM-6208
2/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0408	15:25	MultiRAE Lite, PGM-6208
2/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	0.0445	10:55	MultiRAE Lite, PGM-6208
2/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0448	15:55	MultiRAE Lite, PGM-6208
2/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	0.0427	11:05	MultiRAE Lite, PGM-6208
2/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	998	PGM-2500P (QRAE III)	0.0431	16:05	MultiRAE Lite, PGM-6208
2/10/2021	Pit D	4.5	9:10	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0429	9:10	MultiRAE Lite, PGM-6208
2/10/2021	Pit D	4.5	14:10	Fine	0	0	0	20.9	30	997	PGM-2500P (QRAE III)	0.0411	14:10	MultiRAE Lite, PGM-6208
2/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0416	10:25	MultiRAE Lite, PGM-6208
2/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0429	15:25	MultiRAE Lite, PGM-6208
4/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0437	8:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
4/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0419	13:30	MultiRAE Lite, PGM-6208
4/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0418	17:00	MultiRAE Lite, PGM-6208
4/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0424	8:45	MultiRAE Lite, PGM-6208
4/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0439	13:45	MultiRAE Lite, PGM-6208
4/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0414	16:45	MultiRAE Lite, PGM-6208
4/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	30	1008	XT-XWHM-Y-OR	0.0418	9:45	MultiRAE Lite, PGM-6208
4/10/2021	137 Pit B	5.5										0.0435	14:45	MultiRAE Lite, PGM-6208
4/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0446	10:05	MultiRAE Lite, PGM-6208
4/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0418	15:05	MultiRAE Lite, PGM-6208
4/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0419	10:15	MultiRAE Lite, PGM-6208
4/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0436	15:15	MultiRAE Lite, PGM-6208
4/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	995	PGM-2500P (QRAE III)	0.0427	10:25	MultiRAE Lite, PGM-6208
4/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	0.0414	15:25	MultiRAE Lite, PGM-6208
4/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	994	PGM-2500P (QRAE III)	0.0425	10:55	MultiRAE Lite, PGM-6208
4/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0421	15:55	MultiRAE Lite, PGM-6208
4/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	994	PGM-2500P (QRAE III)	0.0432	11:05	MultiRAE Lite, PGM-6208
4/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	995	PGM-2500P (QRAE III)	0.0413	16:05	MultiRAE Lite, PGM-6208
4/10/2021	Pit D	4.5	9:10	Fine	0	0	0	20.9	30	995	PGM-2500P (QRAE III)	0.0429	9:10	MultiRAE Lite, PGM-6208
4/10/2021	Pit D	4.5	14:10	Fine	0	0	0	20.9	29	994	PGM-2500P (QRAE III)	0.0433	14:10	MultiRAE Lite, PGM-6208
4/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	29	995	PGM-2500P (QRAE III)	0.0428	10:25	MultiRAE Lite, PGM-6208
4/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	0.0449	15:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
5/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0429	8:30	MultiRAE Lite, PGM-6208
5/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0414	13:30	MultiRAE Lite, PGM-6208
5/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0422	17:00	MultiRAE Lite, PGM-6208
5/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0419	8:45	MultiRAE Lite, PGM-6208
5/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0443	13:45	MultiRAE Lite, PGM-6208
5/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0418	16:45	MultiRAE Lite, PGM-6208
5/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0459	9:45	MultiRAE Lite, PGM-6208
5/10/2021	137 Pit B	5.5										0.0422	14:45	MultiRAE Lite, PGM-6208
5/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0433	10:05	MultiRAE Lite, PGM-6208
5/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0410	15:05	MultiRAE Lite, PGM-6208
5/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0414	10:15	MultiRAE Lite, PGM-6208
5/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0408	15:15	MultiRAE Lite, PGM-6208
5/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0429	10:25	MultiRAE Lite, PGM-6208
5/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0409	15:25	MultiRAE Lite, PGM-6208
5/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0424	10:55	MultiRAE Lite, PGM-6208
5/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	996	PGM-2500P (QRAE III)	0.0437	15:55	MultiRAE Lite, PGM-6208
5/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0417	11:05	MultiRAE Lite, PGM-6208
5/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0411	16:05	MultiRAE Lite, PGM-6208
5/10/2021	Pit D	7	9:10	Fine	0	0	0	20.9	27	996	PGM-2500P (QRAE III)	0.0431	9:10	MultiRAE Lite, PGM-6208
5/10/2021	Pit D	7	14:10	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0435	14:10	MultiRAE Lite, PGM-6208
5/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	28	995	PGM-2500P (QRAE III)	0.0445	10:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
5/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	27	995	PGM-2500P (QRAE III)	0.0431	15:25	MultiRAE Lite, PGM-6208
6/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0416	8:30	MultiRAE Lite, PGM-6208
6/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0432	13:30	MultiRAE Lite, PGM-6208
6/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0421	17:00	MultiRAE Lite, PGM-6208
6/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0409	8:45	MultiRAE Lite, PGM-6208
6/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0428	13:45	MultiRAE Lite, PGM-6208
6/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0432	16:45	MultiRAE Lite, PGM-6208
6/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0417	9:45	MultiRAE Lite, PGM-6208
6/10/2021	137 Pit B	5.5										0.0402	14:45	MultiRAE Lite, PGM-6208
6/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0408	10:05	MultiRAE Lite, PGM-6208
6/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0436	15:05	MultiRAE Lite, PGM-6208
6/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0441	10:15	MultiRAE Lite, PGM-6208
6/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0418	15:15	MultiRAE Lite, PGM-6208
6/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0431	10:25	MultiRAE Lite, PGM-6208
6/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0401	15:25	MultiRAE Lite, PGM-6208
6/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0443	10:55	MultiRAE Lite, PGM-6208
6/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0436	15:55	MultiRAE Lite, PGM-6208
6/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0432	11:05	MultiRAE Lite, PGM-6208
6/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	28	996	PGM-2500P (QRAE III)	0.0417	16:05	MultiRAE Lite, PGM-6208
6/10/2021	Pit D	7	9:10	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	0.0412	9:10	MultiRAE Lite, PGM-6208
6/10/2021	Pit D	7	14:10	Fine	0	0	0	20.9	28	997	PGM-2500P (QRAE III)	0.0405	14:10	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
6/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	0.0422	10:25	MultiRAE Lite, PGM-6208
6/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	29	998	PGM-2500P (QRAE III)	0.0406	15:25	MultiRAE Lite, PGM-6208
7/10/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0402	8:30	MultiRAE Lite, PGM-6208
7/10/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0413	13:30	MultiRAE Lite, PGM-6208
7/10/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0447	17:00	MultiRAE Lite, PGM-6208
7/10/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0422	8:45	MultiRAE Lite, PGM-6208
7/10/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0407	13:45	MultiRAE Lite, PGM-6208
7/10/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0418	16:45	MultiRAE Lite, PGM-6208
7/10/2021	137 Pit B	5.5	8:30	Rain	0	0	0	20.9	30	1008	XT-XWHM-Y-OR	0.0431	9:45	MultiRAE Lite, PGM-6208
7/10/2021	137 Pit B	5.5	12:00	Rain	0	0	0	20.9	31	1007	XT-XWHM-Y-OR	0.0427	14:45	MultiRAE Lite, PGM-6208
7/10/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0427	10:05	MultiRAE Lite, PGM-6208
7/10/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0411	15:05	MultiRAE Lite, PGM-6208
7/10/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0404	10:15	MultiRAE Lite, PGM-6208
7/10/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0420	15:15	MultiRAE Lite, PGM-6208
7/10/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	0.0429	10:25	MultiRAE Lite, PGM-6208
7/10/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0430	15:25	MultiRAE Lite, PGM-6208
7/10/2021	Pit A	5	10:55	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0100	10:55	MultiRAE Lite, PGM-6208
7/10/2021	Pit A	5	15:55	Rain	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	0.0439	15:55	MultiRAE Lite, PGM-6208
7/10/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0426	11:05	MultiRAE Lite, PGM-6208
7/10/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0444	16:05	MultiRAE Lite, PGM-6208
7/10/2021	Pit D	7	9:10	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0431	9:10	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
7/10/2021	Pit D	7	14:10	Rain	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	0.0429	14:10	MultiRAE Lite, PGM-6208
7/10/2021	WPR4	2	10:35	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0417	10:25	MultiRAE Lite, PGM-6208
7/10/2021	WPR4	2	15:35	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	0.0430	15:25	MultiRAE Lite, PGM-6208
8/10/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0411	8:30	MultiRAE Lite, PGM-6208
8/10/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0421	13:30	MultiRAE Lite, PGM-6208
8/10/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0441	17:00	MultiRAE Lite, PGM-6208
8/10/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0429	8:45	MultiRAE Lite, PGM-6208
8/10/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0417	13:45	MultiRAE Lite, PGM-6208
8/10/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0429	16:45	MultiRAE Lite, PGM-6208
8/10/2021	137 Pit B	5.5	8:30	Rain	0	0	0	20.9	30	1008	XT-XWHM-Y-OR	0.0404	9:45	MultiRAE Lite, PGM-6208
8/10/2021	137 Pit B	5.5	12:00	Rain	0	0	0	20.9	31	1007	XT-XWHM-Y-OR	0.0419	14:45	MultiRAE Lite, PGM-6208
8/10/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	0.0431	10:05	MultiRAE Lite, PGM-6208
8/10/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0419	15:05	MultiRAE Lite, PGM-6208
8/10/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	0.0416	10:15	MultiRAE Lite, PGM-6208
8/10/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0427	15:15	MultiRAE Lite, PGM-6208
8/10/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	0.0422	10:25	MultiRAE Lite, PGM-6208
8/10/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	0.0431	15:25	MultiRAE Lite, PGM-6208
8/10/2021	Pit A	5	10:55	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0429	10:55	MultiRAE Lite, PGM-6208
8/10/2021	Pit A	5	15:55	Rain	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	0.0410	15:55	MultiRAE Lite, PGM-6208
8/10/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	0.0416	11:05	MultiRAE Lite, PGM-6208
8/10/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	0.0429	16:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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8/10/2021	Pit D	7	9:10	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	0.0436	9:10	MultiRAE Lite, PGM-6208
8/10/2021	Pit D	7	14:10	Rain	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	0.0427	14:10	MultiRAE Lite, PGM-6208
8/10/2021	WPR4	2	10:35	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	0.0409	10:25	MultiRAE Lite, PGM-6208
8/10/2021	WPR4	2	15:35	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	0.0410	15:25	MultiRAE Lite, PGM-6208
11/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0433	8:30	MultiRAE Lite, PGM-6208
11/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0429	13:30	MultiRAE Lite, PGM-6208
11/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0438	17:00	MultiRAE Lite, PGM-6208
11/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0416	8:45	MultiRAE Lite, PGM-6208
11/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	0.0404	13:45	MultiRAE Lite, PGM-6208
11/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0421	16:45	MultiRAE Lite, PGM-6208
11/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	30	1008	XT-XWHM-Y-OR	0.0439	9:45	MultiRAE Lite, PGM-6208
11/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	31	1007	XT-XWHM-Y-OR	0.0418	14:45	MultiRAE Lite, PGM-6208
11/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0430	10:05	MultiRAE Lite, PGM-6208
11/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0439	15:05	MultiRAE Lite, PGM-6208
11/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0408	10:15	MultiRAE Lite, PGM-6208
11/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0421	15:15	MultiRAE Lite, PGM-6208
11/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0422	10:25	MultiRAE Lite, PGM-6208
11/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0416	15:25	MultiRAE Lite, PGM-6208
11/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0424	10:55	MultiRAE Lite, PGM-6208
11/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0411	15:55	MultiRAE Lite, PGM-6208
11/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0438	11:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
11/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0446	16:05	MultiRAE Lite, PGM-6208
11/10/2021	Pit D	7	9:10	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0422	9:10	MultiRAE Lite, PGM-6208
11/10/2021	Pit D	7	14:10	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0425	14:10	MultiRAE Lite, PGM-6208
11/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0436	10:25	MultiRAE Lite, PGM-6208
11/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0418	15:25	MultiRAE Lite, PGM-6208
12/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0429	8:30	MultiRAE Lite, PGM-6208
12/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0415	13:30	MultiRAE Lite, PGM-6208
12/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0434	17:00	MultiRAE Lite, PGM-6208
12/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0419	8:45	MultiRAE Lite, PGM-6208
12/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0422	13:45	MultiRAE Lite, PGM-6208
12/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0425	16:45	MultiRAE Lite, PGM-6208
12/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0416	9:45	MultiRAE Lite, PGM-6208
12/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0433	14:45	MultiRAE Lite, PGM-6208
12/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0434	10:05	MultiRAE Lite, PGM-6208
12/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0428	15:05	MultiRAE Lite, PGM-6208
12/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0433	10:15	MultiRAE Lite, PGM-6208
12/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0416	15:15	MultiRAE Lite, PGM-6208
12/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0413	10:25	MultiRAE Lite, PGM-6208
12/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0419	15:25	MultiRAE Lite, PGM-6208
12/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0408	10:55	MultiRAE Lite, PGM-6208
12/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0409	15:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
12/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0413	11:05	MultiRAE Lite, PGM-6208
12/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0420	16:05	MultiRAE Lite, PGM-6208
12/10/2021	Pit D	7	9:10	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0416	9:10	MultiRAE Lite, PGM-6208
12/10/2021	Pit D	7	14:10	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0429	14:10	MultiRAE Lite, PGM-6208
12/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0414	10:25	MultiRAE Lite, PGM-6208
12/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0409	15:25	MultiRAE Lite, PGM-6208
15/10/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0427	8:30	MultiRAE Lite, PGM-6208
15/10/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	34	1006	PGM-2500P (QRAE III)	0.0431	13:30	MultiRAE Lite, PGM-6208
15/10/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
15/10/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0448	8:45	MultiRAE Lite, PGM-6208
15/10/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	34	1006	PGM-2500P (QRAE III)	0.0434	13:45	MultiRAE Lite, PGM-6208
15/10/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	0.0446	16:45	MultiRAE Lite, PGM-6208
15/10/2021	137 Pit B	5.5	8:30	Rain	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0445	9:45	MultiRAE Lite, PGM-6208
15/10/2021	137 Pit B	5.5	12:00	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0414	14:45	MultiRAE Lite, PGM-6208
15/10/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0410	10:05	MultiRAE Lite, PGM-6208
15/10/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0415	15:05	MultiRAE Lite, PGM-6208
15/10/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	0.0425	10:15	MultiRAE Lite, PGM-6208
15/10/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	0.0451	15:15	MultiRAE Lite, PGM-6208
15/10/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0425	10:25	MultiRAE Lite, PGM-6208
15/10/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0429	15:25	MultiRAE Lite, PGM-6208
15/10/2021	Pit A	5	10:55	Rain	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0418	10:55	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
15/10/2021	Pit A	5	15:55	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	0.0416	15:55	MultiRAE Lite, PGM-6208
15/10/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	0.0403	11:05	MultiRAE Lite, PGM-6208
15/10/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	0.0423	16:05	MultiRAE Lite, PGM-6208
15/10/2021	Pit D	7	9:10	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	0.0419	9:10	MultiRAE Lite, PGM-6208
15/10/2021	Pit D	7	14:10	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0414	14:10	MultiRAE Lite, PGM-6208
15/10/2021	WPR4	2	10:35	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	0.0450	10:25	MultiRAE Lite, PGM-6208
15/10/2021	WPR4	2	15:35	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	0.0425	15:25	MultiRAE Lite, PGM-6208
16/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0419	8:30	MultiRAE Lite, PGM-6208
16/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0422	13:30	MultiRAE Lite, PGM-6208
16/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0408	17:00	MultiRAE Lite, PGM-6208
16/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0431	8:45	MultiRAE Lite, PGM-6208
16/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0428	13:45	MultiRAE Lite, PGM-6208
16/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0436	16:45	MultiRAE Lite, PGM-6208
16/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0424	9:45	MultiRAE Lite, PGM-6208
16/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0419	14:45	MultiRAE Lite, PGM-6208
16/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0441	10:05	MultiRAE Lite, PGM-6208
16/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0445	15:05	MultiRAE Lite, PGM-6208
16/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0436	10:15	MultiRAE Lite, PGM-6208
16/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0417	15:15	MultiRAE Lite, PGM-6208
16/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0415	10:25	MultiRAE Lite, PGM-6208
16/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0426	15:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
16/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0433	10:55	MultiRAE Lite, PGM-6208
16/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0441	15:55	MultiRAE Lite, PGM-6208
16/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1013	PGM-2500P (QRAE III)	0.0437	11:05	MultiRAE Lite, PGM-6208
16/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	0.0414	16:05	MultiRAE Lite, PGM-6208
16/10/2021	Pit D	7	9:10	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0429	9:10	MultiRAE Lite, PGM-6208
16/10/2021	Pit D	7	14:10	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	0.0413	14:10	MultiRAE Lite, PGM-6208
16/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	0.0422	10:25	MultiRAE Lite, PGM-6208
16/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	31	1013	PGM-2500P (QRAE III)	0.0434	15:25	MultiRAE Lite, PGM-6208
18/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0418	8:30	MultiRAE Lite, PGM-6208
18/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0429	13:30	MultiRAE Lite, PGM-6208
18/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0410	17:00	MultiRAE Lite, PGM-6208
18/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0411	8:45	MultiRAE Lite, PGM-6208
18/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	0.0423	13:45	MultiRAE Lite, PGM-6208
18/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	0.0431	16:45	MultiRAE Lite, PGM-6208
18/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	30	1008	XT-XWHM-Y-OR	0.0413	9:45	MultiRAE Lite, PGM-6208
18/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	31	1007	XT-XWHM-Y-OR	0.0412	14:45	MultiRAE Lite, PGM-6208
18/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0413	10:05	MultiRAE Lite, PGM-6208
18/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0433	15:05	MultiRAE Lite, PGM-6208
18/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0419	10:15	MultiRAE Lite, PGM-6208
18/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0430	15:15	MultiRAE Lite, PGM-6208
18/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0430	10:25	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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18/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0429	15:25	MultiRAE Lite, PGM-6208
18/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0431	10:55	MultiRAE Lite, PGM-6208
18/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0411	15:55	MultiRAE Lite, PGM-6208
18/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0407	11:05	MultiRAE Lite, PGM-6208
18/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0419	16:05	MultiRAE Lite, PGM-6208
18/10/2021	Pit D	7	9:10	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0431	9:10	MultiRAE Lite, PGM-6208
18/10/2021	Pit D	7	14:10	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0404	14:10	MultiRAE Lite, PGM-6208
18/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0420	10:25	MultiRAE Lite, PGM-6208
18/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0407	15:25	MultiRAE Lite, PGM-6208
19/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	0.0412	8:30	MultiRAE Lite, PGM-6208
19/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0426	13:30	MultiRAE Lite, PGM-6208
19/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	0.0431	17:00	MultiRAE Lite, PGM-6208
19/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0450	8:45	MultiRAE Lite, PGM-6208
19/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0416	13:45	MultiRAE Lite, PGM-6208
19/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	0.0403	16:45	MultiRAE Lite, PGM-6208
19/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0413	9:45	MultiRAE Lite, PGM-6208
19/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0421	14:45	MultiRAE Lite, PGM-6208
19/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0441	10:05	MultiRAE Lite, PGM-6208
19/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0422	15:05	MultiRAE Lite, PGM-6208
19/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0419	10:15	MultiRAE Lite, PGM-6208
19/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0426	15:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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19/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0415	10:25	MultiRAE Lite, PGM-6208
19/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0417	15:25	MultiRAE Lite, PGM-6208
19/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0416	10:55	MultiRAE Lite, PGM-6208
19/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0402	15:55	MultiRAE Lite, PGM-6208
19/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0408	11:05	MultiRAE Lite, PGM-6208
19/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0411	16:05	MultiRAE Lite, PGM-6208
19/10/2021	Pit D	7	9:10	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	0.0422	9:10	MultiRAE Lite, PGM-6208
19/10/2021	Pit D	7	14:10	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0417	14:10	MultiRAE Lite, PGM-6208
19/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0418	10:25	MultiRAE Lite, PGM-6208
19/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0425	15:25	MultiRAE Lite, PGM-6208
20/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0409	8:30	MultiRAE Lite, PGM-6208
20/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0414	13:30	MultiRAE Lite, PGM-6208
20/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0423	17:00	MultiRAE Lite, PGM-6208
20/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	0.0425	8:45	MultiRAE Lite, PGM-6208
20/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0450	13:45	MultiRAE Lite, PGM-6208
20/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0437	16:45	MultiRAE Lite, PGM-6208
20/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0439	9:45	MultiRAE Lite, PGM-6208
20/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0417	14:45	MultiRAE Lite, PGM-6208
20/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0427	10:05	MultiRAE Lite, PGM-6208
20/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0423	15:05	MultiRAE Lite, PGM-6208
20/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0414	10:15	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
20/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0426	15:15	MultiRAE Lite, PGM-6208
20/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0434	10:25	MultiRAE Lite, PGM-6208
20/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	0.0421	15:25	MultiRAE Lite, PGM-6208
20/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1012	PGM-2500P (QRAE III)	0.0420	10:55	MultiRAE Lite, PGM-6208
20/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0441	15:55	MultiRAE Lite, PGM-6208
20/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0446	11:05	MultiRAE Lite, PGM-6208
20/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0439	16:05	MultiRAE Lite, PGM-6208
20/10/2021	Pit D	7	9:10	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	0.0417	9:10	MultiRAE Lite, PGM-6208
20/10/2021	Pit D	7	14:10	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0420	14:10	MultiRAE Lite, PGM-6208
20/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	0.0416	10:25	MultiRAE Lite, PGM-6208
20/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	29	1012	PGM-2500P (QRAE III)	0.0437	15:25	MultiRAE Lite, PGM-6208
21/10/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)		8:30	MultiRAE Lite, PGM-6208
21/10/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)		13:30	MultiRAE Lite, PGM-6208
21/10/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)		17:00	MultiRAE Lite, PGM-6208
21/10/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)		8:45	MultiRAE Lite, PGM-6208
21/10/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	35	1008	PGM-2500P (QRAE III)		13:45	MultiRAE Lite, PGM-6208
21/10/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)		16:45	MultiRAE Lite, PGM-6208
21/10/2021	137 Pit B	5.5	8:30	Rain	0	0	0	20.9	29	1008	XT-XWHM-Y-OR		9:45	MultiRAE Lite, PGM-6208
21/10/2021	137 Pit B	5.5	12:00	Rain	0	0	0	20.9	30	1007	XT-XWHM-Y-OR		14:45	MultiRAE Lite, PGM-6208
21/10/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)		10:05	MultiRAE Lite, PGM-6208
21/10/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)		15:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
21/10/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)		10:15	MultiRAE Lite, PGM-6208
21/10/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)		15:15	MultiRAE Lite, PGM-6208
21/10/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)		10:25	MultiRAE Lite, PGM-6208
21/10/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)		15:25	MultiRAE Lite, PGM-6208
21/10/2021	Pit A	5	10:55	Rain	0	0	0	20.9	29	1012	PGM-2500P (QRAE III)		10:55	MultiRAE Lite, PGM-6208
21/10/2021	Pit A	5	15:55	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)		15:55	MultiRAE Lite, PGM-6208
21/10/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)		11:05	MultiRAE Lite, PGM-6208
21/10/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)		16:05	MultiRAE Lite, PGM-6208
21/10/2021	Pit D	7	9:10	Rain	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)		9:10	MultiRAE Lite, PGM-6208
21/10/2021	Pit D	7	14:10	Rain	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)		14:10	MultiRAE Lite, PGM-6208
21/10/2021	WPR4	2	10:35	Rain	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)		10:25	MultiRAE Lite, PGM-6208
21/10/2021	WPR4	2	15:35	Rain	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)		15:25	MultiRAE Lite, PGM-6208
22/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0416	8:30	MultiRAE Lite, PGM-6208
22/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	0.0412	13:30	MultiRAE Lite, PGM-6208
22/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0427	17:00	MultiRAE Lite, PGM-6208
22/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0437	8:45	MultiRAE Lite, PGM-6208
22/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0422	13:45	MultiRAE Lite, PGM-6208
22/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0415	16:45	MultiRAE Lite, PGM-6208
22/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0428	9:45	MultiRAE Lite, PGM-6208
22/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0416	14:45	MultiRAE Lite, PGM-6208
22/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0405	10:05	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
22/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0433	15:05	MultiRAE Lite, PGM-6208
22/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0410	10:15	MultiRAE Lite, PGM-6208
22/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	0.0411	15:15	MultiRAE Lite, PGM-6208
22/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0437	10:25	MultiRAE Lite, PGM-6208
22/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	27	1010	PGM-2500P (QRAE III)	0.0429	15:25	MultiRAE Lite, PGM-6208
22/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0405	10:55	MultiRAE Lite, PGM-6208
22/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0406	15:55	MultiRAE Lite, PGM-6208
22/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0417	11:05	MultiRAE Lite, PGM-6208
22/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0426	16:05	MultiRAE Lite, PGM-6208
22/10/2021	Pit D	7	9:10	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0423	9:10	MultiRAE Lite, PGM-6208
22/10/2021	Pit D	7	14:10	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	0.0445	14:10	MultiRAE Lite, PGM-6208
22/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0413	10:25	MultiRAE Lite, PGM-6208
22/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	0.0425	15:25	MultiRAE Lite, PGM-6208
23/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0422	8:30	MultiRAE Lite, PGM-6208
23/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	0.0437	13:30	MultiRAE Lite, PGM-6208
23/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	0.0432	17:00	MultiRAE Lite, PGM-6208
23/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0436	8:45	MultiRAE Lite, PGM-6208
23/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	0.0445	13:45	MultiRAE Lite, PGM-6208
23/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0412	16:45	MultiRAE Lite, PGM-6208
23/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	30	1008	XT-XWHM-Y-OR	0.0429	9:45	MultiRAE Lite, PGM-6208
23/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	31	1007	XT-XWHM-Y-OR	0.0438	14:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
23/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0413	10:05	MultiRAE Lite, PGM-6208
23/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0424	15:05	MultiRAE Lite, PGM-6208
23/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0430	10:15	MultiRAE Lite, PGM-6208
23/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0441	15:15	MultiRAE Lite, PGM-6208
23/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0429	10:25	MultiRAE Lite, PGM-6208
23/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0428	15:25	MultiRAE Lite, PGM-6208
23/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	26	1009	PGM-2500P (QRAE III)	0.0435	10:55	MultiRAE Lite, PGM-6208
23/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0431	15:55	MultiRAE Lite, PGM-6208
23/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0416	11:05	MultiRAE Lite, PGM-6208
23/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	1010	PGM-2500P (QRAE III)	0.0413	16:05	MultiRAE Lite, PGM-6208
23/10/2021	Pit D	9.5	9:10	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0437	9:10	MultiRAE Lite, PGM-6208
23/10/2021	Pit D	9.5	14:10	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0420	14:10	MultiRAE Lite, PGM-6208
23/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0421	10:25	MultiRAE Lite, PGM-6208
23/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	26	1009	PGM-2500P (QRAE III)	0.0435	15:25	MultiRAE Lite, PGM-6208
25/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0429	8:30	MultiRAE Lite, PGM-6208
25/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0418	13:30	MultiRAE Lite, PGM-6208
25/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0417	17:00	MultiRAE Lite, PGM-6208
25/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	0.0408	8:45	MultiRAE Lite, PGM-6208
25/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0412	13:45	MultiRAE Lite, PGM-6208
25/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0435	16:45	MultiRAE Lite, PGM-6208
25/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	30	1008	XT-XWHM-Y-OR	0.0420	9:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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25/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	31	1007	XT-XWHM-Y-OR	0.0410	14:45	MultiRAE Lite, PGM-6208
25/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0424	10:05	MultiRAE Lite, PGM-6208
25/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0431	15:05	MultiRAE Lite, PGM-6208
25/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	0.0416	10:15	MultiRAE Lite, PGM-6208
25/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0430	15:15	MultiRAE Lite, PGM-6208
25/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0414	10:25	MultiRAE Lite, PGM-6208
25/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0421	15:25	MultiRAE Lite, PGM-6208
25/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0418	10:55	MultiRAE Lite, PGM-6208
25/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0408	15:55	MultiRAE Lite, PGM-6208
25/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0426	11:05	MultiRAE Lite, PGM-6208
25/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0417	16:05	MultiRAE Lite, PGM-6208
25/10/2021	Pit D	9.5	9:10	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0415	9:10	MultiRAE Lite, PGM-6208
25/10/2021	Pit D	9.5	14:10	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0422	14:10	MultiRAE Lite, PGM-6208
25/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0429	10:25	MultiRAE Lite, PGM-6208
25/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0431	15:25	MultiRAE Lite, PGM-6208
26/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0431	8:30	MultiRAE Lite, PGM-6208
26/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0429	13:30	MultiRAE Lite, PGM-6208
26/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0436	17:00	MultiRAE Lite, PGM-6208
26/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0415	8:45	MultiRAE Lite, PGM-6208
26/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0428	13:45	MultiRAE Lite, PGM-6208
26/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0431	16:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
26/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0421	9:45	MultiRAE Lite, PGM-6208
26/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0416	14:45	MultiRAE Lite, PGM-6208
26/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0422	10:05	MultiRAE Lite, PGM-6208
26/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0441	15:05	MultiRAE Lite, PGM-6208
26/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0431	10:15	MultiRAE Lite, PGM-6208
26/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0444	15:15	MultiRAE Lite, PGM-6208
26/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0418	10:25	MultiRAE Lite, PGM-6208
26/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0422	15:25	MultiRAE Lite, PGM-6208
26/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0423	10:55	MultiRAE Lite, PGM-6208
26/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0418	15:55	MultiRAE Lite, PGM-6208
26/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0411	11:05	MultiRAE Lite, PGM-6208
26/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0429	16:05	MultiRAE Lite, PGM-6208
26/10/2021	Pit D	9.5	9:10	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0428	9:10	MultiRAE Lite, PGM-6208
26/10/2021	Pit D	9.5	14:10	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0419	14:10	MultiRAE Lite, PGM-6208
26/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0422	10:25	MultiRAE Lite, PGM-6208
26/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0419	15:25	MultiRAE Lite, PGM-6208
27/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0418	8:30	MultiRAE Lite, PGM-6208
27/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0425	13:30	MultiRAE Lite, PGM-6208
27/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	0.0431	17:00	MultiRAE Lite, PGM-6208
27/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0442	8:45	MultiRAE Lite, PGM-6208
27/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0439	13:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
27/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	0.0403	16:45	MultiRAE Lite, PGM-6208
27/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0438	9:45	MultiRAE Lite, PGM-6208
27/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0414	14:45	MultiRAE Lite, PGM-6208
27/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0401	10:05	MultiRAE Lite, PGM-6208
27/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0438	15:05	MultiRAE Lite, PGM-6208
27/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0433	10:15	MultiRAE Lite, PGM-6208
27/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0432	15:15	MultiRAE Lite, PGM-6208
27/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	27	1010	PGM-2500P (QRAE III)	0.0427	10:25	MultiRAE Lite, PGM-6208
27/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0425	15:25	MultiRAE Lite, PGM-6208
27/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0415	10:55	MultiRAE Lite, PGM-6208
27/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	27	1010	PGM-2500P (QRAE III)	0.0431	15:55	MultiRAE Lite, PGM-6208
27/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0450	11:05	MultiRAE Lite, PGM-6208
27/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0402	16:05	MultiRAE Lite, PGM-6208
27/10/2021	Pit D	11	9:10	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0430	9:10	MultiRAE Lite, PGM-6208
27/10/2021	Pit D	11	14:10	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0401	14:10	MultiRAE Lite, PGM-6208
27/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0411	10:25	MultiRAE Lite, PGM-6208
27/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0429	15:25	MultiRAE Lite, PGM-6208
28/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	0.0431	8:30	MultiRAE Lite, PGM-6208
28/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0440	13:30	MultiRAE Lite, PGM-6208
28/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0410	17:00	MultiRAE Lite, PGM-6208
28/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	0.0402	8:45	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Carbon Dioxide (%)	Sampling time (CO2)	Measurement Equipment (CO2)
28/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	34	1010	PGM-2500P (QRAE III)	0.0429	13:45	MultiRAE Lite, PGM-6208
28/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	0.0418	16:45	MultiRAE Lite, PGM-6208
28/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0450	9:45	MultiRAE Lite, PGM-6208
28/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0448	14:45	MultiRAE Lite, PGM-6208
28/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	26	1009	PGM-2500P (QRAE III)	0.0408	10:05	MultiRAE Lite, PGM-6208
28/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	26	1008	PGM-2500P (QRAE III)	0.0421	15:05	MultiRAE Lite, PGM-6208
28/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	27	1010	PGM-2500P (QRAE III)	0.0424	10:15	MultiRAE Lite, PGM-6208
28/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0413	15:15	MultiRAE Lite, PGM-6208
28/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0424	10:25	MultiRAE Lite, PGM-6208
28/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0403	15:25	MultiRAE Lite, PGM-6208
28/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0417	10:55	MultiRAE Lite, PGM-6208
28/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0429	15:55	MultiRAE Lite, PGM-6208
28/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0403	11:05	MultiRAE Lite, PGM-6208
28/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0433	16:05	MultiRAE Lite, PGM-6208
28/10/2021	Pit D	11	9:10	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0413	9:10	MultiRAE Lite, PGM-6208
28/10/2021	Pit D	11	14:10	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0408	14:10	MultiRAE Lite, PGM-6208
28/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0416	10:25	MultiRAE Lite, PGM-6208
28/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0419	15:25	MultiRAE Lite, PGM-6208
29/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0430	8:30	MultiRAE Lite, PGM-6208
29/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0414	13:30	MultiRAE Lite, PGM-6208
29/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0423	17:00	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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29/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0403	8:45	MultiRAE Lite, PGM-6208
29/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0421	13:45	MultiRAE Lite, PGM-6208
29/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	0.0433	16:45	MultiRAE Lite, PGM-6208
29/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0423	9:45	MultiRAE Lite, PGM-6208
29/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0418	14:45	MultiRAE Lite, PGM-6208
29/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0441	10:05	MultiRAE Lite, PGM-6208
29/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0403	15:05	MultiRAE Lite, PGM-6208
29/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0413	10:15	MultiRAE Lite, PGM-6208
29/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0429	15:15	MultiRAE Lite, PGM-6208
29/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0412	10:25	MultiRAE Lite, PGM-6208
29/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0405	15:25	MultiRAE Lite, PGM-6208
29/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0438	10:55	MultiRAE Lite, PGM-6208
29/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0416	15:55	MultiRAE Lite, PGM-6208
29/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0423	11:05	MultiRAE Lite, PGM-6208
29/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0411	16:05	MultiRAE Lite, PGM-6208
29/10/2021	Pit D	11	9:10	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0423	9:10	MultiRAE Lite, PGM-6208
29/10/2021	Pit D	11	14:10	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0413	14:10	MultiRAE Lite, PGM-6208
29/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0408	10:25	MultiRAE Lite, PGM-6208
29/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0443	15:25	MultiRAE Lite, PGM-6208
30/10/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0418	8:30	MultiRAE Lite, PGM-6208
30/10/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	0.0429	13:30	MultiRAE Lite, PGM-6208

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



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30/10/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0431	17:00	MultiRAE Lite, PGM-6208
30/10/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	0.0422	8:45	MultiRAE Lite, PGM-6208
30/10/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	0.0419	13:45	MultiRAE Lite, PGM-6208
30/10/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	0.0418	16:45	MultiRAE Lite, PGM-6208
30/10/2021	137 Pit B	5.5	8:30	Fine	0	0	0	20.9	29	1008	XT-XWHM-Y-OR	0.0415	9:45	MultiRAE Lite, PGM-6208
30/10/2021	137 Pit B	5.5	12:00	Fine	0	0	0	20.9	30	1007	XT-XWHM-Y-OR	0.0422	14:45	MultiRAE Lite, PGM-6208
30/10/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	26	1009	PGM-2500P (QRAE III)	0.0426	10:05	MultiRAE Lite, PGM-6208
30/10/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	27	1010	PGM-2500P (QRAE III)	0.0411	15:05	MultiRAE Lite, PGM-6208
30/10/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	26	1009	PGM-2500P (QRAE III)	0.0430	10:15	MultiRAE Lite, PGM-6208
30/10/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0448	15:15	MultiRAE Lite, PGM-6208
30/10/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	26	1010	PGM-2500P (QRAE III)	0.0436	10:25	MultiRAE Lite, PGM-6208
30/10/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0421	15:25	MultiRAE Lite, PGM-6208
30/10/2021	Pit A	5	10:55	Fine	0	0	0	20.9	26	1009	PGM-2500P (QRAE III)	0.0418	10:55	MultiRAE Lite, PGM-6208
30/10/2021	Pit A	5	15:55	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0416	15:55	MultiRAE Lite, PGM-6208
30/10/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0427	11:05	MultiRAE Lite, PGM-6208
30/10/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0431	16:05	MultiRAE Lite, PGM-6208
30/10/2021	Pit D	11	9:10	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	0.0404	9:10	MultiRAE Lite, PGM-6208
30/10/2021	Pit D	11	14:10	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	0.0418	14:10	MultiRAE Lite, PGM-6208
30/10/2021	WPR4	2	10:35	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	0.0421	10:25	MultiRAE Lite, PGM-6208
30/10/2021	WPR4	2	15:35	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	0.0419	15:25	MultiRAE Lite, PGM-6208

Appendix I

Complaint Log and Regulatory Compliance Proforma

Statistical Summary of Environmental Complaints

Reporting Period	Environmental Complaint Statistics		
	Frequency	Cumulative	Complaint Nature
1 Aug 2021-31 Oct 2021	0	3	N/A

Statistical Summary of Environmental Summons

Reporting Period	Environmental Summons Statistics		
	Frequency	Cumulative	Details
1 Aug 2021-31 Oct 2021	0	0	N/A

Statistical Summary of Environmental Prosecution

Reporting Period	Environmental Prosecution Statistics		
	Frequency	Cumulative	Details
1 Aug 2021-31 Oct 2021	0	0	N/A

Appendix J

Noise Impact Monitoring Result

Contract No. 13/WSD/16
 Mainlaying in Tseung Kwan O
 13th Quarterly EM&A Report for Aug 2021 to Oct 2021



Monitoring Data for NSR4 Creative Secondary School

Date	Time	Weather	Leq-5min, dB(A)						Leq-30min, dB(A)	Leq30 (min) L ₁₀ dB(A)	Leq30 (min) L ₉₀ dB(A)	Limit Level, dB(A)*
			Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)				
04/08/2021	11:15 - 11:45	cloudy	67.8	67.1	68.2	69.9	67.2	69.1	68.3	71.3	59.7	70.0
13/08/2021	11:01 - 11:31	sunny	68.6	69.6	68.7	68.3	69.0	65.2	68.4	71.8	59.4	70.0
19/08/2021	11:30 - 12:00	sunny	68.6	67.7	65.5	67.6	65.1	62.7	66.6	69.7	60.8	70.0
25/08/2021	11:10 - 11:40	cloudy	66.9	68.2	68.3	68.8	67.0	66.7	67.7	70.7	59.6	70.0
02/09/2021	11:45 - 12:15	sunny	68.3	66.7	69	67.9	66.3	67.5	67.7	71.0	60.0	70.0
10/09/2021	11:40 - 12:10	sunny	67.4	66.3	67.8	66.6	66.7	68.4	67.3	70.4	58.5	70.0
16/09/2021	11:44 - 12:14	sunny	67.8	67.7	69.1	68.8	64.4	68.4	67.9	70.8	61.4	70.0
23/09/2021	16:02 - 16:32	sunny	68.3	68.9	67.3	66.2	68.6	66.9	67.8	70.9	59.5	70.0
30/09/2021	11:39 - 12:09	sunny	69.2	68.2	69.2	69.9	68.4	67	68.7	71.9	62.2	70.0
08/10/2021**	The impact noise monitoring on 8th and 13th October 2021 were cancelled as the Main Contractor confirmed that no construction works were conducted at the work portion (Pit WPR1) which located within 300 metres from NSR4 Creative Secondary School.											
13/10/2021**	The impact noise monitoring on 8th and 13th October 2021 were cancelled as the Main Contractor confirmed that no construction works were conducted at the work portion (Pit WPR1) which located within 300 metres from NSR4 Creative Secondary School.											
21/10/2021	10:46 - 11:16	Sunny	62.9	65.0	63.9	65.5	66.1	67.8	65.5	68.4	59.1	70.0
29/10/2021	14:50 - 15:20	Sunny	67.9	66.8	66.5	68.7	67	68.5	67.6	71.6	58.3	70.0

Remarks:

*No examinations were scheduled for NSR4 Creative Secondary School in the reporting month. Academic School Calendar can be found in Appendix O.

** The impact noise monitoring on 8th and 13th October 2021 were cancelled as the Main Contractor confirmed that no construction works were conducted at the work portion (Pit WPR1) which located within 300 metres from NSR4 Creative Secondary School.

Appendix K

Academic School Calendar

Contract No. 13/WSD/16
 Mainlaying in Tseung Kwan O
 13th Quarterly EM&A Report for Aug 2021 to Oct 2021



CREATIVE SECONDARY SCHOOL CALENDAR 2020-2021								
Month	Day	Su	Mo	Tu	We	Th	Fr	Sa
August	2							
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24A	25B	26C	27D	28E	29
		30	31F					
September	2			1A	2B	3C	4D	5
	3	6	7E	8F	9A	10B	11C	12
		13	14D	15E	16F	17A	18B	19
	4	20	21C	22D	23E	24F	25A	26
	5	27	28B	29C	30			
October								
		4	5D	6E	7F	8A	9B	10
	6	11	12C	13D	14E	15F	16A	17
		18	19	20	21	22	23	24
		25	26	27B	28C	29D	30E	31
	7	25	26	27B	28C	29D	30E	31
November	8	1	2F	3A	4B	5C	6D	7
		8	9	10E	11F	12A	13B	14
	9	15	16C	17D	18E	19F	20A	21
	10	22	23B	24C	25D	26E	27F	28
	11	29	30A					
December				1B	2C	3D	4D	5
	12	6	7E	8F	9A	10B	11C	12
		13	14D	15E	16F	17A	18B	19
		20	21	22	23	24	25	26
		27	28	29	30	31		
January								
	13	3	4C	5D	6E	7F	8A	9
	14	10	11B	12C	13D	14E	15F	16
	15	17	18A	19B	20C	21D	22E	23
	16	24	25F	26A	27B	28C	29D	30
		31						
February	17		1E	2F	3A	4B	5C	6
		7	8D	9E	10	11	12	13
		14	15	16	17	18	19	20
	18	21	22F	23A	24B	25C	26D	27
	28							
March	19		1E	2F	3A	4B	5C	6
		7	8D	9E	10F	11A	12B	13
	20	14	15C	16D	17E	18F	19A	20
		21	22	23	24	25	26	27
	21	28	29B	30C	31D			
April								
		4	5	6	7	8	9	10
	22	11	12E	13F	14A	15B	16C	17
		18	19D	20E	21F	22A	23B	24
23	25	26C	27D	28E	29F	30A		
May								
	24	2	3B	4C	5D	6E	7F	8
	25	9	10A	11B	12C	13D	14E	15
	26	16	17F	18A	19B	20C	21D	22
		23	24D	25E	26F	27A	28B	29
27	30	31C						
June				1D	2E	3F	4A	5
	28	6	7B	8C	9D	10E	11F	12
	29	13	14	15A	16B	17C	18D	19
	30	20	21E	22F	23A	24B	25C	26
		27	28D	29E	30F			
July								
		4	5	6	7	8	9	10
		11	12	13	14	15	16	17
		18	19	20	21	22	23	24
		25	26	27	28	29	30	31
	August		1	2	3	4	5	6
		8	9	10	11	12	13	14
		15	16	17	18	19	20	21
		22	23	24	25	26	27	28
		29	30	31				

Sourced from:
https://1e833fb1-5af5-4de8-901ff9aeda4354b2.filesusr.com/ugd/611a22_ea5d81f9881541de9c3c7049ba46860d.pdf

Contract No. 13/WSD/16
Mainlaying in Tseung Kwan O
13th Quarterly EM&A Report for Aug 2021 to Oct 2021



CREATIVE SECONDARY SCHOOL CALENDAR 2021-2022								
	Su	Mo	Tu	We	Th	Fr	Sa	
August	15	16	17	18	19	20	21	19-20 Orientation Day
	22	23	24	25	26	27	28	23/08 First School Day
	29	30	31					
September				1	2	3	4	
	5	6	7	8	9	10	11	
	12	13	14	15	16	17	18	17/9 Swimming Gala
	19	20	21	22	23	24	25	22/9 The following Day of Mid-Autumn Festival
	26	27	28	29	30			25/9 School Open Day 30/9 1st PD day
October						2		1/10 National Day of the People's Republic of China
	3	4	5	6	7	8	9	
	10	11	12	13	14	15	16	14/10 Chung Yeung Festival
	17	18	19	20	21	22	23	15-23/10 Term break
	24	25	26	27	28	29	30	
	31							
November		1	2	3	4	5	6	4/11 University Fair
	7	8	9	10	11	12	13	
	14	15	16	17	18	19	20	15/11 2nd PD Day, 19/11 Sports Day
	21	22	23	24	25	26	27	
	28	29	30					
December				1	2	3	4	
	5	6	7	8	9	10	11	11/12 Musical Performance
	12	13	14	15	16	17	18	17/12 Creative Christmas Festival
	19	20	21	22	23	24	25	25/12 Christmas Holiday, 20/12-31 Christmas & New Year Holiday
	26	27	28	29	30	31		27/12 The first weekday after Christmas Day
January						1		1/1 New Year's Day
	2	3	4	5	6	7	8	
	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
	23	24	25	26	27	28	29	28/1 Creative Chinese Festival
	30	31						
February			1	2	3	4	5	1-3/2 Chinese Lunar New Year
	6	7	8	9	10	11	12	31/1-9/2 Chinese Lunar New Year Holiday
	13	14	15	16	17	18	19	
	20	21	22	23	24	25	26	
	27	28						
March			1	2	3	4	5	
	6	7	8	9	10	11	12	
	13	14	15	16	17	18	19	12-19/3 Creative Week
	20	21	22	23	24	25	26	
	27	28	29	30	31			
April						1	2	
	3	4	5	6	7	8	9	5/4 Ching Ming Festival
	10	11	12	13	14	15	16	15/4 Good Friday, 16/4 Holy Saturday
	17	18	19	20	21	22	23	18/4 Easter Monday, 15/4-22/4 Easter Holiday.
	24	25	26	27	28	29	30	25/4-03/05 HKDSE Core subjects Exam
May	1	2	3	4	5	6	7	2/5 Labour Day
	8	9	10	11	12	13	14	9/5 Buddha's Birthday
	15	16	17	18	19	20	21	
	22	23	24	25	26	27	28	25/5 School Self-Evaluation Day.
	29	30	31					
			1	2	3	4		3/6 Tuen Ng Festival, 2/6 Graduation
June	5	6	7	8	9	10	11	
	12	13	14	15	16	17	18	
	19	20	21	22	23	24	25	
	26	27	28	29	30			30/6 Achievement Celebration
						2		01/07 HKSAR Establishment Day
July	3	4	5	6	7	8	9	4/7-14/8 Summer Holiday
	10	11	12	13	14	15	16	
	17	18	19	20	21	22	23	
	24	25	26	27	28	29	30	
	31							
August		1	2	3	4	5	6	
	7	8	9	10	11	12	13	12/08 New Staff Meeting
	14	15	16	17	18	19	20	16-17/08 Staff Meeting
	21	22	23	24	25	26	27	
	28	30	31					

 School Holiday
 Public Holiday
 Staff Development Day

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https://1e833fb1-5af5-4de8-901f-f9aeda4354b2.filesusr.com/ugd/611a22_fdf4f21255294bc7b73d37d2f68418fb.pdf