





## Contract No. 13/WSD/16

### Mainlaying in Tseung Kwan O

## Monthly EM&A Report No. 72 (Period from 1 July to 31 July 2024)

July 2024 (Rev. 2)

	Prepared by:	Reviewed and Certified by:
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Date:	21 August 2024	21 August 2024



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

Your reference:

Our reference:

HKWSD201/50/109637

Date: 23 August 2024

Attention: Mr Henry Chan

BY POST

Dear Sirs

Quotation Ref. 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 Monthly EM&A Report No. 72

We refer to emails of 16 and 21 August 2024 attaching Monthly EM&A Report No. 72 for the captioned project prepared by the ET.

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

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

Yours faithfully ANEWR CONSULTING LIMITED

James Choi Independent Environmental Checker

CPSJ/KSYL/thy

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### **Revision History**

Rev.	DESCRIPTION OF MODIFICATION	DATE
1	1 <sup>st</sup> Submission	16/08/2024
2	Revised According to Comments	21/08/2024



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#### **EXECUTIVE SUMMARY**

#### **Introduction**

- 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. This is the 72<sup>nd</sup> Monthly EM&A Report, prepared by ASCL, for the Project summarizing the monitoring results and audit findings of the EM&A programme at and around Tseung Kwan 0 (TKO) during the reporting period from 1 July to 31 July 2024.
- A4. The EM&A programme for this contract has covered environmental monitoring on construction noise level at selected NSRs and Contractor's environmental performance auditing in the aspects of construction dust, construction noise, water quality, waste management, landscape and visual and ecology.

#### Summary of Main Works Undertaken & Key Mitigation Measures Implemented

Location	Construction activities carried in the reporting month
Wan Po Road and TKO Area 137	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>
TKO Promenade (Stage 1 Landfill) & Po Yap Road Roundabout	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>
HK Velodrome	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>
Po Lam Road South / Ling Hong Road	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>
Tsui Lam Road / Abandoned Road	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>

A5. Key works carried out in this reporting period for the Project included the followings:

- A6. The major environmental impacts brought by the above construction works include:
  - Construction dust and noise generation from road reinstatement and chambers construction;
  - Waste generation from the construction activities; and
  - Impact on water quality from construction activities
- A7. The key environmental mitigation measures implemented for the Project in this reporting period associated with the above construction works include:
  - Reduction of construction dust generation from road reinstatement and chambers construction;



- Reduction of noise from equipment and machinery on-site;
- Sorting and storage of general refuse and construction waste; and
- Treatment of wastewater through water treatment facilities before discharge

#### Summary of Exceedance & Investigation & Follow-up

- A8. Noise monitoring was scheduled in the reporting month for NSR4 Creative Secondary School on 5, 11, 17 and 23 July 2024 as construction works were conducted within 300m to the noise sensitive receiver. No Action or Limit Level exceedance was recorded during the reporting period.
- A9. Water quality monitoring was carried out during the disinfection procedure. According to Water Supply Department, the discharge of dechlorinated effluent arranged on 13 19 December 2023 and TRC monitoring at the sampling locations (outlet of the Service Reservoir) was carried out during the discharge. The TRC for the discharge are recorded less than 0.1mg/L and all results are below the action level.
- A10. According to the Contractors, all pits or trenches were backfilled and undergo reinstatement. The landfill gas monitoring was ceased from February 2024.

#### **Complaint Handling and Prosecution**

A11. No environmental complaint was received in the reporting month. No notifications of summons and prosecution was received in the reporting month.

#### **Reporting Change**

A12. There were no changes reported that may affect the on-going EM&A programme.

#### Summary of Upcoming Key Issues and Key Mitigation Measures

A13. Key works in the next reporting month for the Project will include the followings:

Location	Construction activities to be carried out in next reporting month	
Wan Po Road and TKO Area 137	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>	
TKO Promenade (Stage 1 Landfill) & Po Yap Road Roundabout	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>	
HK Velodrome	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>	
Po Lam Road South / Ling Hong Road	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>	
Tsui Lam Road / Abandoned Road	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>	

A14. The major environmental impacts brought by the above construction works will include:

- Construction dust and noise generation of road reinstatement and chambers construction;
- Waste generation from construction activities; and



- Impact on water quality from construction activities.
- A15. The key environmental mitigation measures for the Project in the coming reporting period associated with the above construction works will include:
  - Reduction of construction dust generation of road reinstatement and chambers construction by regular water spraying and covering of dusty materials with screenings;
  - Reduction of noise from equipment and machinery on-site;
  - Sorting and storage of general refuse and construction waste; and



#### 1. BASIC PROJECT INFORMATION

#### 1.1. Background

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 freshwater 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.

Pursuant to the Environmental Impact Assessment Ordinance (EIAO), the Director of Environmental Protection granted the Variation of Environmental Permit (No. EP-503/2015/B) and Further Environmental Permit (No. FEP-503/2015/B) to Water Supplies Department (WSD) for the Project on 3 April 2024.

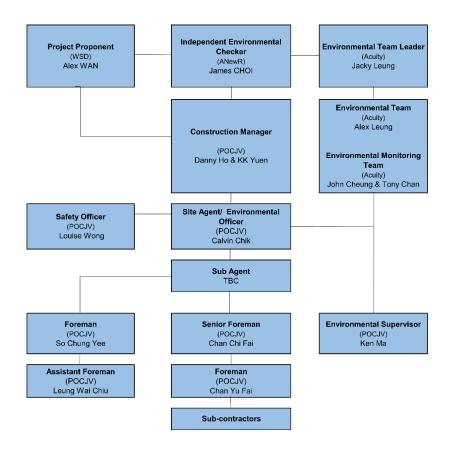
The scope of the Contract may be considered in brief, to consist of the laying of about 10 km long 1200 mm diameter freshwater mains and the associated works along the alignment of the Project as shown with the overall view in **Appendix B**.

#### **1.2.** The Reporting Scope

This is the 72<sup>nd</sup> Monthly EM&A Report for the Project which summarizes the key findings of the EM&A programme during the reporting period from 1 July to 31 July 2024.

#### **Project Organization**

The Project Organization structure for Construction Phase is presented in **Figure 1.1**.



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#### Figure 1.1 Project Organization Chart

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

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

#### Table 1.1 Contact details of the key personnel

#### 1.3. Summary of Construction Works

Details of the major construction works undertaken in this reporting period are shown in **Table 1.2** and the construction works locations are shown in **Appendix B**. The construction programme is presented in **Appendix A**.

Location	Construction activities carried out in the reporting month
Wan Po Road and TKO Area 137	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>
TKO Promenade (Stage 1 Landfill) & Po Yap Road Roundabout	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>
HK Velodrome	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>
Po Lam Road South / Ling Hong Road	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>
Tsui Lam Road / Abandoned Road	<ul> <li>Road pavement reinstatement</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>

#### Table 1.2Summary of the Construction Works Undertaken during the Reporting Month

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 Environmental Licence, Notification and Permit

Reference No.	Valid Period		Status	Remark
Reference No.	From	То	Status	Kemark
Environmental Permit				
EP-503/2015/B			Valid	N/A
FEP-01/503/2015/B			Valid	N/A



Reference No.	Valid Period		Status	Remark	
Kelei ence No.	From	То	Status	Actual K	
Notification of Construc	tion Works und	ler the Air Pollu	tion Contro	ol (Construction Dust) Regulation	
423775			Valid	N/A	
Chemical Waste Produc	Chemical Waste Producer Registration				
5213-839-P3287-01			Valid	N/A	
Billing Account for Disposal of Construction Waste					
A/C no.: 7029491			Valid	N/A	
Water Discharge Licence					
WT0002035-2023	16 Feb 2024	31 Dec 2028	Valid	N/A	

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	On-going		
	Water		
Impact monitoring of disinfection procedure	Completed		
	Waste Management		
Mitigation Measures in Waste Management Plan	On-going		
Landfill Gas			
Impact Monitoring         Ceased from February 2024			
Environmental Audit			
Site Inspection	On-going		

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.

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 C**.



#### 2. NOISE MONITORING

#### 2.1. Monitoring Requirements

To ensure no adverse noise impact, noise monitoring is recommended to be carried out within 300m radius from the nearby noise sensitive receivers (NSRs), during construction phase. The NSRs selected as monitoring station are (i) NSR4 – Creative Secondary School, (ii) NSR24 – PLK Laws Foundation College, and (iii) NSR31 – School of Continuing and Professional Studies – CUHK respectively.

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.

Impact monitoring for noise impact was conducted in the reporting month for NSR4 – Creative Secondary School on 5, 11, 17 and 23 July 2024 as construction works were conducted within 300m to the noise sensitive receiver. Detailed monitoring results can be found in **Appendix G**.

#### 2.2. Noise Monitoring Parameters, Time, Frequency

Impact noise monitoring was conducted weekly in the reporting period between 0700-1900 on normal weekdays. Construction works will follow the requirements as stipulated in the valid CNPs if works have to be conducted in the restricted hours.

Construction noise level was measured in terms of the A-weighted equivalent continuous sound pressure level ( $L_{Aeq}$ ).  $L_{eq 30min}$  was used as the monitoring parameter for the time period between 0700 and 1900 on normal weekdays. **Table 2.1** summarizes the monitoring parameters, frequency, and duration of the impact noise monitoring. The monitoring schedule is provided in **Appendix D**.

Table 2.1 Noise Monitoring Parameters, Time, Frequency and Duration	

Time	Frequency	Duration	Parameters
Daytime: 0700-1900	Once per week	$\begin{array}{c} Continuously \ in \\ L_{eq \ 5min}/L_{eq \ 30min} \ (average \ of \ 6 \\ consecutive \ L_{eq \ 5min}) \end{array}$	L <sub>eq</sub> , L <sub>10</sub> & L <sub>90</sub>

#### 2.3. Noise Monitoring Locations

The monitoring locations should normally be made at a point 1m from the exterior of the NSRs building façade and be at a position 1.2m above the ground. A correction of +3dB(A) should be made to the free-field measurements.

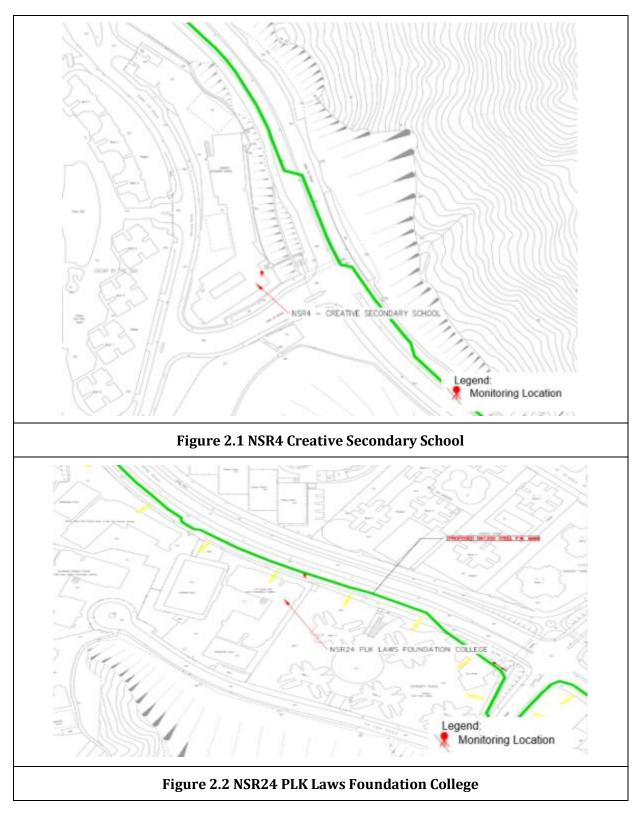
According to the environmental findings detailed in the EIA report and Baseline Monitoring Report, the designated locations for the construction noise monitoring are listed in **Table 2.2** below.

NSR ID	Noise Sensitive Receivers	Monitoring Location	Position
NSR 4	Creative Secondary School	Roof Floor	1 m from facade
NSR 24	PLK Laws Foundation College	Pedestrian Road on Ground Floor	Free-field
NSR 31	School of Continuing and Professional Studies - CUHK	Roof Floor	1 m from facade

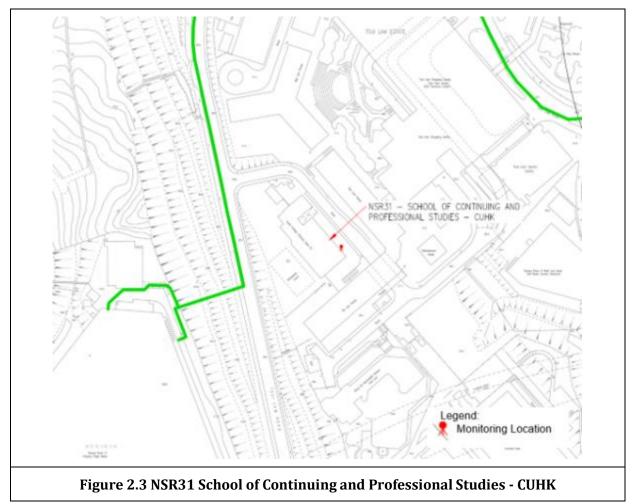
Table 2.2Noise Monitoring Location



Three noise monitoring locations for impact monitoring at the nearby sensitive receivers are shown in **Figure 2.1-2.3**.







#### 2.4. Impact Monitoring Methodology

Integrated sound level meters were used for the noise monitoring. The meters were in compliance with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications. Immediately prior to and following each noise measurement the accuracy of the sound level meters was checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements may be accepted as valid only if the calibration level before and after the noise measurements agree to within 1.0 dB(A).

Calibration certificates of the instruments used are presented in **Appendix E**. Noise measurements were not made in the presence of fog, rain, wind with a steady speed exceeding 5 m/s or wind with gusts exceeding 10 m/s. The wind speed was checked with a portable wind speed meter capable of measuring the wind speed in m/s.

Equipment	Brand and Model	Serial Number	Date of Calibration	Expiry Date
Sound Level Meter	SVANTEK 971	C132261	27 Oct 2023	26 Oct 2024
Sound Level Meter Calibrator	RION NC-75	35124527	27 Oct 2023	26 Oct 2024
Pocket Wind Meter Anemometer	Kestrel 1000 Wind Meter	Nil	Nil	Nil

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#### 2.5. Action and Limit Levels

The Action/Limit Levels are in line with the criteria of Practice Note for Professional Persons (ProPECC PN 2/93) "Noise from Construction Activities – Non-statutory Controls" and Technical Memorandum on Environmental Impact Assessment Process issued by HKSAR Environmental Protection Department ["EPD"] under the Environmental Impact Assessment Ordinance, Cap 499, S.16 are presented in **Table 2.4**.

#### Table 2.4Action and Limit Levels for Noise

Time Period	Action Level	Lim	it Level (dB(A))	
0700-1900 on normal weekdays	When one documented complaint is received from any one of the noise sensitive receivers	• 65 dB	(A) for school and (A) during nation period	
Notes: (a) Limits specified in the GW-TM and IND-TM for construction and operation noise, respectively.				

If exceedances are found during noise monitoring, the actions in accordance with the Event and Action Plan will be carried out according to **Appendix F**.

#### 2.6. Monitoring Results and Observations

Referring to EM&A Manual Section 4.1.2, impact monitoring for noise impact was scheduled weekly in the reporting month for NSR4 – Creative Secondary School on 5, 11, 17 and 23 July 2024. Detailed monitoring results are presented in **Appendix G**.

No construction works were conducted within 300m radius of NSR24 and NSR31. Thus, no construction noise monitoring works was carried at these two locations in the reporting month.

No action or limit level exceedance was recorded for construction noise monitoring during the reporting period.



#### **3.** WASTE MANAGEMENT

The waste generated from this Project includes inert construction and demolition (C&D) materials, and non-inert C&D materials. Non-inert C&D materials are made up of general refuse, vegetative wastes, and recyclable wastes such as plastics and paper/cardboard packaging waste. Steel materials generated from the project are also grouped into non-inert C&D materials as these materials were not disposed of with other inert C&D materials. With reference to relevant handling records and trip tickets of this Project, the quantities of different types of waste generated in the reporting month are summarised in **Table 3.1**. Details of cumulative waste management data are presented as a waste flow table in **Appendix H**.

#### Table 3.1 Quantities of waste generated from the Project

	Quantity					
			Non-inert C&D Materials			
Reporting period	Materials	terials Waste Others, e.g.,	Others, e.g., General Refuse	Recy	cled materia	ıls
(in '000m <sup>3</sup> ) (in '00	(III UUUKg)		Paper/cardboard (in '000kg)	Plastics (in '000kg)	Metals (in '000kg)	
July 2024	0.029	0.000	0.005	0.021	0.000	0.000



#### 4. LANDFILL GAS MONITORING

#### 4.1. Monitoring Requirement

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.

#### 4.2. Monitoring Location

Monitoring of oxygen, methane, carbon dioxide and barometric pressure was performed for excavations at 1m depth or more within the Consultation Zone.

During construction of works within the consultation zones, excavations of 1m depth or more was monitored:

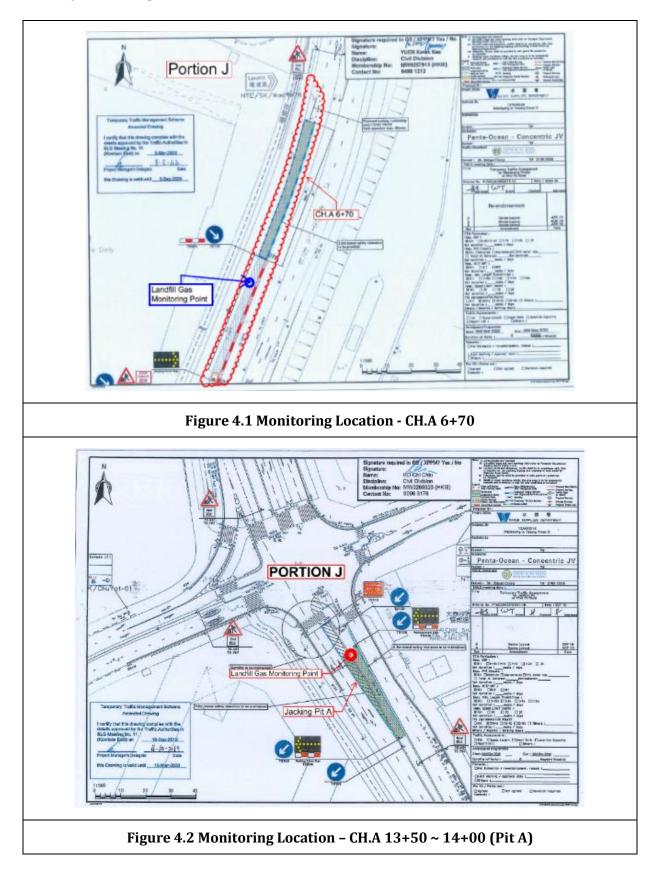
- At the ground surface before excavation commences;
- Immediately before any worker enters the excavation;
- At the beginning of each working day for the entire period when the excavation remains open; and
- Periodically through the working day whilst workers are in the excavation.

For excavations between 300mm and 1m deep, measurements should be carried out:

- Directly after the excavation has been completed; and
- Periodically whilst the excavation remains open.

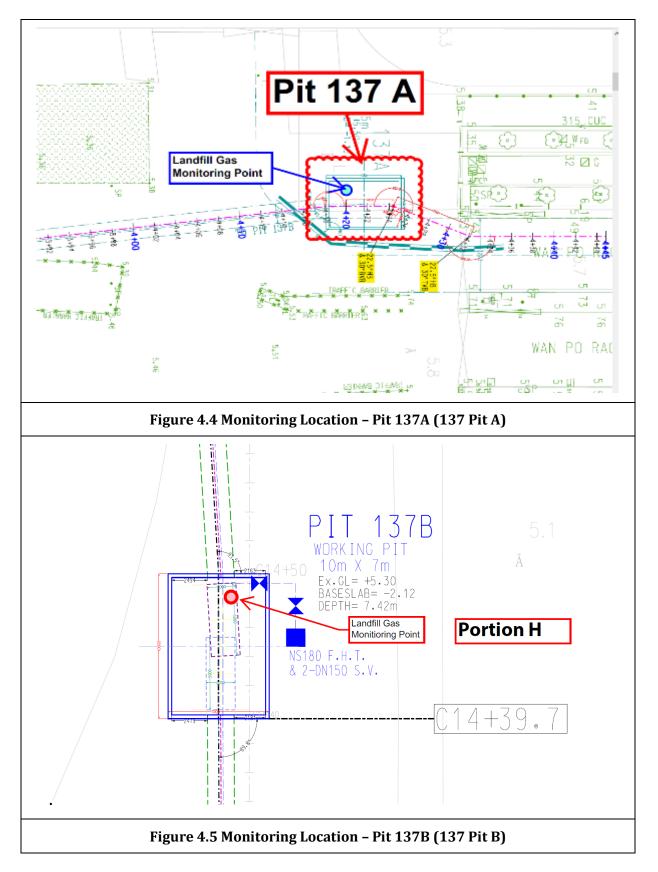
The area required to be monitored for landfill gas in the reporting period are shown in **Figure 4.1** to **Figure 4.9**.





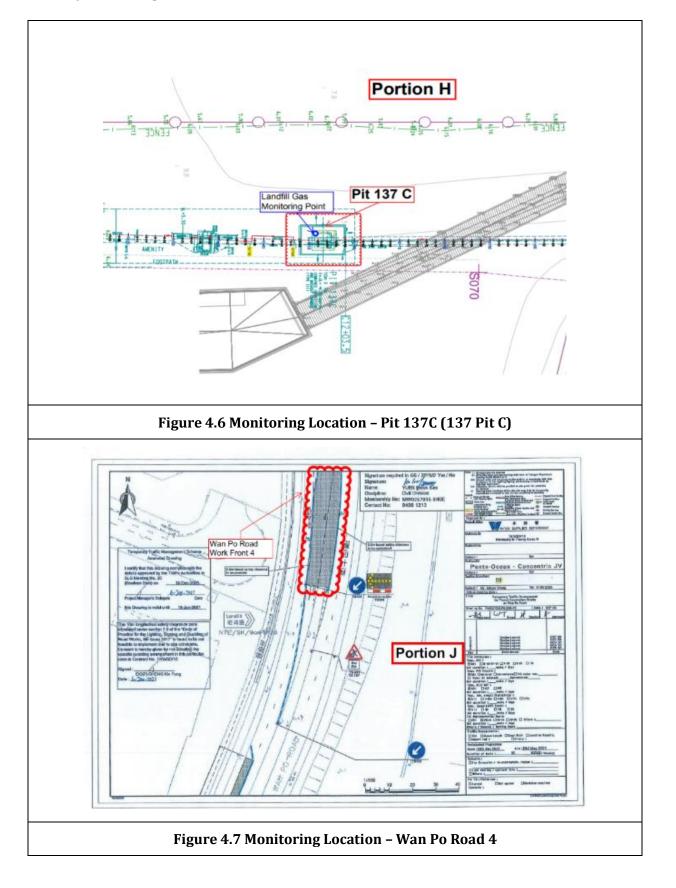
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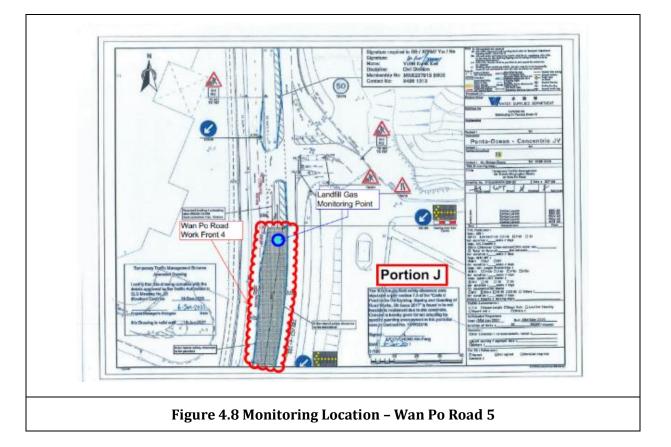


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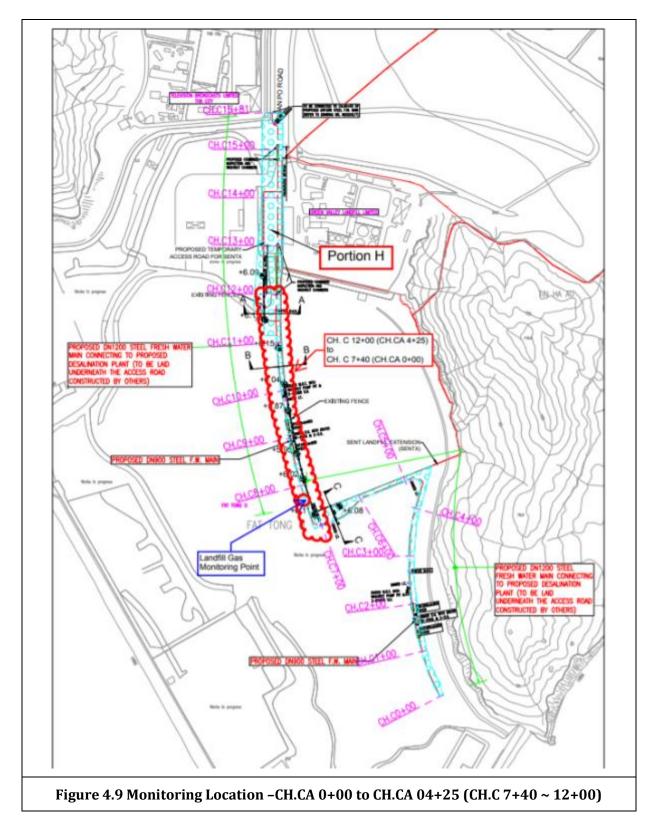














#### 4.3. Monitoring Parameters

Landfill Gas monitoring was carried out to identify any migration between the landfill and the Project and to ensure the safety of the construction, operation and maintenance personnel working on-site, visitors and any other person within the Project area.

The following parameters were monitored:

- Methane.
- Oxygen.
- Carbon Dioxide.
- Barometric Pressure.

#### 4.4. Action and Limit Level

Action and Limit Level are provided in **Table 4.1**.

#### Table 4.1 Action and Limit Level for Landfill Gas Monitoring Equipment

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

#### 4.5. Monitoring Equipment

Landfill Gas monitoring was carried out using intrinsically safe, portable multi-gas monitoring instruments. The gas monitoring equipment is:

- Complying with the Landfill Gas Hazard Assessment Guidance Note as intrinsically safe;
- Capable of continuous barometric pressure and gas pressure measurements;
- Normally operated in diffusion mode unless required for spot sampling, when it should be capable of operating by means of an aspirator or pump;
- Having low battery, fault and over range indication incorporated;
- Capable of storing monitoring data, and shall be capable of being down-loaded directly;
- Measure in the following ranges:

methane	0-100% Lower Explosion Limit (LEL) and 0-100% v/v;	
oxygen	0-25% v/v;	
carbon dioxide	0-5% v/v; and	
barometric pressure	mBar (absolute)	

alarm (both audibly and visually) in the event that the concentrations of the following are exceeded:

methane	>10% LEL;
oxygen	<19% by volume; and
carbon dioxide	>0.5% by volume
barometric pressure	mBar (absolute)

Monitoring Equipment used in the reporting period are summarised in **Table 5.2**. The Landfill Gas monitoring equipment calibration certificate is presented in **Appendix I**.



Table 5.2	Landfill Gas Monitoring Equipment
-----------	-----------------------------------

Equipment	Brand and Model	Calibration Expiry Date
Portable Gas Detector		
CO2 Analyzer		

#### 4.6. Monitoring Results

According to the Contractors, all pits or trenches were backfilled and undergo reinstatement. No landfill gas monitoring was carried out by the Registered Safety Officer of the Contractor at the excavation locations. The landfill gas monitoring was ceased from February 2024.

Parameters	Level	Action
Oxygen $(O_2)$	Action Level < $19\% 0_2$	Ventilate trench/void to restore $O_2$ to > 19%
		Stop works
	Limit Level < $19\% O_2$	Evacuate personnel/prohibit entry
		Increase ventilation to restore $O_2$ to > 19%
		Post "No Smoking" signs
	Action Level >10% LEL	Prohibit hot works
Methane (CH <sub>4</sub> )		Increase ventilation to restore CH <sub>4</sub> to <10% LEL
		Stop works
	Limit Level >20% LEL	Evacuate personnel/prohibit entry
		Increase ventilation to restore CH <sub>4</sub> to<10% LEL
Carbon Dioxide	Action Level $>0.5\%$ CO <sub>2</sub>	Ventilate to restore $CO_2$ to < 0.5%
$(CO_2)$		Stop works
(602)	Limit Level >1.5% CO <sub>2</sub>	Evacuate personnel / prohibit entry
		Increase ventilation to restore CO <sub>2</sub> to <0.5%

 Table 4.3
 Action and Limit Levels and Event and Action Plan for LFG Hazard



## 5. SUMMARY OF EXCEEDANCE, COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTIONS

The Environmental Complaint Handling Procedure is shown in below **Figure 5.1**:

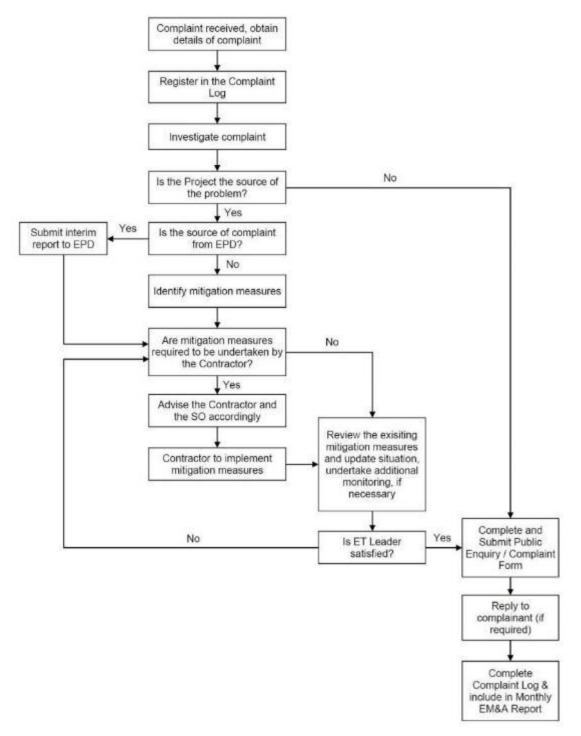


Figure 5.1 Environmental Complaint Handling Procedure



Impact monitoring for noise impact was scheduled in the reporting month for NSR4 – Creative Secondary School on 5, 11, 17 and 23 July 2024 was construction works were conducted within 300m to the noise sensitive receiver. Detailed monitoring results can be found in **Appendix G**. No action or limit levels exceedance was recorded in the reporting period.

According to the Contractors, all pits or trenches were backfilled and undergo reinstatement. No landfill gas monitoring was carried out by the Registered Safety Officer of the Contractor at the excavation locations. The landfill gas monitoring was ceased from February 2024.

No environmental complaint was received in the reporting period. No notification of summons and prosecution was received in the reporting period.

Statistics on complaints and regulatory compliance are summarized in **Appendix K**.



#### 6. EM&A SITE INSPECTION

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 period, site inspections were carried out on 4, 11, 18 and 25 July 2024 at the site portions list in **Table 6.1** below. One joint site inspection with IEC was carried out on 18 July 2024.

#### **Table 6.1 Site Inspection Record**

Date	Inspected Site Portion	Time
04 July 2024	Portion J	09:30 - 10:30
11 July 2024	Portion J	09:30 - 10:30
18 July 2024	Portion J	09:30 - 10:30
25 July 2024	Portion J	09:30 - 10:30

Minor deficiencies were observed during weekly site inspections. Key observations during the site inspections are summarized in **Table 6.2**.

Date	Environmental Observations	Follow-up Status
04 July 2024	At area A, no NRMM label was posted in the power generator.	NRMM label posted on power generator accordingly.
11 July 2024	No major environmental deficiency was observed during site inspection.	N.A.
18 July 2024	The construction waste should be cleared regularly. (Area A)	Waste was cleared.
25 July 2024	Chemical containers should be stored properly. Drip Tray should be provided to prevent chemical leakage. (near HK Velodrome)	Chemical containers were removed.

#### Table 6.2 Site Observations

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 during the reporting period. An updated Implementation Status of Environmental Mitigation Measures (EMIS) is provided in **Appendix C**.

Site inspection proforma of the reporting period is provided in **Appendix L**.



#### 7. FUTURE KEY ISSUES

Key works that will be anticipated in the next reporting period for the Project are shown in **Table 7.1**.

Location	Construction activities to be carried out in next reporting month
Wan Po Road and TKO Area 137	<ul><li> Road pavement reinstatement</li><li> Shrubs planting</li></ul>
TKO Promenade (Stage 1 Landfill) & Po Yap Road Roundabout	<ul><li>Road pavement reinstatement</li><li>Shrubs planting</li></ul>
HK Velodrome	<ul><li> Road pavement reinstatement</li><li> Shrubs planting</li></ul>
Po Lam Road South / Ling Hong Road	<ul><li>Road pavement reinstatement</li><li>Shrubs planting</li></ul>
Tsui Lam Road / Abandoned Road	<ul><li>Road pavement reinstatement</li><li>Shrubs planting</li></ul>

The major environmental impacts brought by the above construction works will include:

- Construction dust and noise generation of road reinstatement and remaining chambers construction;
- Waste generation from construction activities; and
- Impact on water quality from construction activities.

The key environmental mitigation measures for the Project in the coming reporting period associated with the above construction works will include:

- Dust suppression by regular wetting and water spraying for Road reinstatement and remaining chambers construction;
- Reduction of noise from equipment and machinery on-site;
- Sorting and storage of general refuse and construction waste; and

The proactive environmental protection proforma for the next reporting month is listed in **Appendix M**.

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.

The tentative impact monitoring schedule for the next reporting month is attached in **Appendix N**.



#### 8. CONCLUSION AND RECOMMENDATIONS

This is the 72<sup>nd</sup> monthly Environmental Monitoring and Audit (EM&A) Report presenting the EM&A works undertaken during the period from 1 July to 31 July 2024 in accordance with the EM&A Manual and the requirement under EP-503/2015/B and FEP-01/503/2015/B.

Impact monitoring for noise impact was scheduled in the reporting month for NSR4 – Creative Secondary School on 5, 11, 17 and 23 July 2024 construction works were conducted within 300m to the noise sensitive received. No action and limit level exceedance for construction noise monitoring was recorded in the reporting period.

Water quality monitoring was carried out during the disinfection procedure. According to Water Supply Department, the discharge of dechlorinated effluent arranged on 13 – 19 December 2023 and TRC monitoring at the sampling locations (outlet of the Service Reservoir) was carried out during the discharge. The TRC for the discharge are recorded less than 0.1mg/L and all results are below the action level.

According to the Contractors, all pits or trenches were backfilled and undergo reinstatement. No landfill gas monitoring was carried out by the Registered Safety Officer of the Contractor at the excavation locations. The landfill gas monitoring was ceased from February 2024.

Weekly environmental site inspections were conducted during the reporting month. Observations and Recommendation were made during site inspection, Contractor was reminded that sedimentation facilities shall be provided on site to remove silt particles from runoff before discharge and to meet the requirements of the TM standard under the WPCO.

According to the environmental site inspections performed in the reporting month, the contractor is reminded to pay attention on maintaining site tidiness, water treatment facilities, and proper materials storage.

No environmental complaint was received in the reporting month. No notification of summons and prosecution was received in the reporting month.

The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.





## **Construction Programme**

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Penta Ocean – Concentric JV	
Contract No. 13/WSD/16 Mainlaying in Tseung Kwan O	
Narrative for Project Programme (Rev. 17)	Date: 19 January 2024
	Page: 20

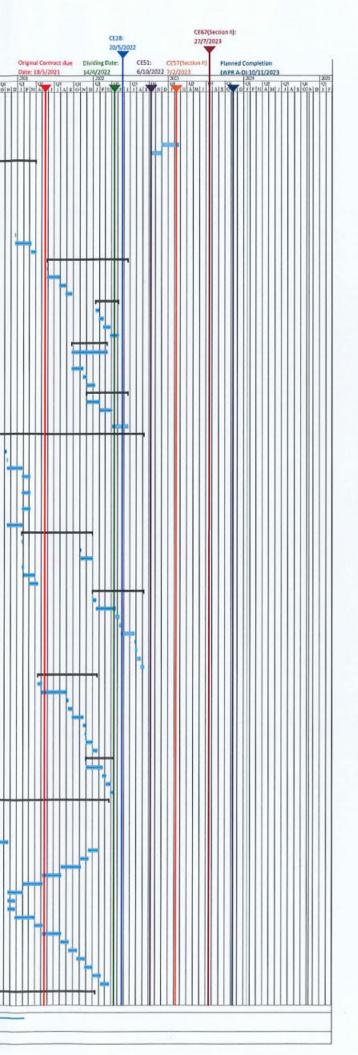
# **Full Project Programme**

104.7	131	Dentine	Stiet	Bairð	Tesk Calendar	Predecessors	Successors	Fter Stat.	Total Slark Duration	* Complete	Artial Stat	Artual Flaids	27.5	10 10 1	2009	4 10 10	2329	100
Con	tract No. 13/WSD/16 - Mainlaying in Tseung Kwan O	1829 day	7/11/17	9/11/24	None			0 days	0 days 1829 days	90%	7/11/17	NA	property and produced in	ALLEAD		4 M / J A S 0 A		
K	ry Dates	1829 day	\$ 7/11/17	9/11/24	None	the second	a Constanting	0 days	0 days 1829 days	0%	7/11/17	NA	tttt		++++++	+++++++	++++	+++-
		O days O days	7/11/17 16/11/17	7/11/17 16/11/17	Calendar Day Calendar Day		76,77,78,79,80,81,82,83,84	0 days 0 days	0 days 0 days 0 days 0 days	100%	7/11/17 16/11/17	7/11/17 16/11/17	0 10/1					111
		0 days	16/11/17	16/11/17	Calendar Day		87,90,103,114,116,118,12		0 days 0 days	100%	16/11/17	16/11/17	0 16/1				1111	
		0 days	10/8/19	10/8/19	Calendar Day		573	0 days	0 days 0 days 0 days 0 days	100%	10/8/19 18/5/21	10/8/19 18/5/21	11111			♦ 10/8	1111	111
		0 days 0 days	18/5/21 11/2/22	18/5/21 11/2/22	Calendar Day Calendar Day		- Internet	O days O days	0 days 0 days	100%	11/2/22	11/2/22	11111				1111	111
	Planned Completion	0 days	10/11/23	10/11/23	Calendar Day	860,861	10FS+365 days	0 days	0 days 0 days	0%	NA	NA	11111				1111	111
	A REAL PROPERTY AND A REAL	0 days 1316 day	9/11/24	9/11/24 18/1/22	Calendar Day Calendar Day	9FS+365 days		0 days 0 days	0 days 0 days 0 days 1316 days	0%	NA 12/6/18	NA			+++++++	+++++++	++++	+++
	CE03 - Upgrading of bandwidth of Internet Services for Site Accommodation	0 days	12/6/18	12/6/18	Calendar Day			0 days	0 days 0 days	100%	12/6/18	12/6/18		• 12/6			1111	111
		0 days 0 days	12/7/18 23/8/18	12/7/18 23/8/18	Calendar Day Calendar Day		110,133,137,138	0 days 0 days	0 days 0 days 0 days 0 days	100%	12/7/18 23/8/18	12/7/18 23/8/18		• 1277	wa		1111	111
		0 days	23/8/18	23/8/18	Calendar Day		204	0 days	0 days 0 days	100%	23/8/18	23/8/18		2			1111	111
		0 days	16/11/18	16/11/18	Calendar Day		863	0 days	0 days 0 days	100%	16/11/18	16/11/18	11111		● 16/11 ×/10		1111	111
		O days O days	4/12/18 22/1/19	4/12/18 22/1/19	Calendar Day Calendar Day		744	0 days 0 days	0 days 0 days 0 days 0 days	100%	4/12/18 22/1/19	4/12/18 22/1/19	11111		27/1		1111	111
	CEO6 - Unforeseen Underground Conditions during Trench Excavation for Mainlaying at	O days	1/2/19	1/2/19	Calendar Day			0 days	0 days 0 days	100%	1/2/19	1/2/19	11111		+ 1/2		1111	111
	Wan Po Road between CH A6+90 and CH A7+10 CE10 - Contractor's Design of The Realignments	O days	28/2/19	28/2/19	Calendar Day		589,205	0 days	0 days 0 days	100%	28/2/19	28/2/19	11111			12	1111	111
	CE14 - Manhole Inspection of Existing Drain/Outfall near HXVD and TKO Stage I Landfill and		2/4/19	2/4/19	Calendar Day			0 days	0 days 0 days	100%	2/4/19	2/4/19	11111		•	2/4	1111	111
	CCTV Survey of Existing Drain at Cycle Track near HKVD CE12 - Provision of Suitabel Land Transport for Site Supervision in Tseung Kwan O Area 137	0 days	12/4/19	12/4/19	Calendar Day	-		0 days	0 days 0 days	100%	12/4/19	12/4/19	11111			124	1111	111
		o della			current out				A CONTRACTOR			1.112.352	11111				1111	111
		0 days	15/5/19	15/5/19	Calendar Day			0 days	0 days 0 days	100%	15/5/19 17/5/19	15/5/19 17/5/19				<ul> <li>15/5</li> <li>17/5</li> </ul>	1111	111
	CE15 - Inclement Weather in Februrary 2019 CE18 - Unforeseen Underground Conditions at Open Trench of Mainlaying at WPR betweem	0 days 0 days	17/5/19 27/5/19	17/5/19 27/5/19	Calendar Day Calendar Day			0 days 0 days	0 days 0 days 0 days 0 days	100%	27/5/19	27/5/19				< 27/5		
	CH.A12+89 and CH.A13+04 CE20 - Traffic Count and Preliminary Traffic Analysis in Po Lam Road and Tsul Lam Road	0 days	19/6/19	19/6/19	Calandra Day			0 days	0 days 0 days	100%	19/6/19	19/6/19				0 1010		
		0 days 0 days	19/6/19 24/7/19	19/6/19 24/7/19	Calendar Day Calendar Day			0 days 0 days	0 days 0 days 0 days 0 days	100%	24/7/19	24/7/19				< 2un		
	CE27 - Underground Utility Detection Survey for Working Pit D (CH A22+75)	0 days	2/8/19	2/8/19	Calendar Day		352	0 days	0 days 0 days	100%	2/8/19	2/8/19				\$ 28		
	CE21 - Temporary Diversion of Unchartered Underground Utilities Near Wan O Road at CH.A16+00(Pit B)	0 days	8/8/19	8/8/19	Calendar Day		351	0 days	0 days 0 days	100%	8/8/19	8/8/19	11111			6/3		
	CE26 - Change in Cathodic Protection System for Mild Steel Pipes	0 days	16/8/19	16/8/19	Calendar Day		144	0 days	0 days 0 days	100%	16/8/19	16/8/19				• 16/8		
		0 days 0 days	22/8/19 23/9/19	22/8/19 23/9/19	Calendar Day Calendar Day		196 350	0 days 0 days	0 days 0 days 0 days 0 days	100%	22/8/19 23/9/19	22/8/19 23/9/19				9 22/8		
	CE24 - Ground Investigation Works for Working Pit E, F & Trenchless Works across MTR's	0 days	27/9/19	23/9/19 27/9/19	Calendar Day Calendar Day		412	0 days	0 days 0 days	100%	27/9/19	23/9/19 27/9/19				41	4	
	Tunnels			5/11/19	Calendar Day		294,475	0 days	0 days 0 days	100%	5/11/19	5/11/19					NO I	
		0 days 0 days	5/11/19 18/12/19	5/11/19 18/12/19	Calendar Day Calendar Day		234,473	0 days 0 days	0 days 0 days 0 days 0 days	100%	5/11/19 18/12/19	18/12/19					· 18/12	
	CE37 - Inclement Weather in Angust 2018	0 days	18/12/19	18/12/19	Calendar Day			0 days	0 days 0 days	100%	18/12/19	18/12/19	11111				● 18/12	
	CE11 - Replacing the Major Project Signboard with Project Banner. CE35 - Feasibility Study on the Alternative Alignment by Trenchless method beneath MTR's	O days O days	30/12/19 31/12/19	30/12/19 31/12/19	Calendar Day Calendar Day		206	0 days 0 days	0 days 0 days 0 days 0 days	100%	30/12/19 31/12/19	30/12/19 31/12/19	11111				31/12	2
	Tunnels in the Wan Po Road J/o Lohas Park Road			1. 2. 2.	Commentant -	_							11111					
	CE17 - Realignment of Water Main by Trenchless Method in TKO Area 137 (CH.CCO+00 - CH.CC1+38 & CH.KCO+00 - CH.KC1+38)	0 days	3/1/20	3/1/20	Calendar Day		748	0 days	0 days 0 days	100%	3/1/20	3/1/20	11111				• MI	111
		0 days	13/1/20	13/1/20	Calendar Day			0 days	0 days 0 days	100%	13/1/20	13/1/20	11111				• 13/1	4
		0 days	13/1/20	13/1/20	Calendar Day Calendar Day		507,508,477	0 days	0 days 0 days	100%	13/1/20 14/1/20	13/1/20 14/1/20	11111				• 13/1	411
		0 days 0 days	14/1/20 21/1/20	14/1/20 21/1/20	Calendar Day			0 days 0 days	0 days 0 days 0 days 0 days	100%	21/1/20	21/1/20	11111				21/1	á 🗌
	CE22 - Instruction to Change in Mainlaying Method at Wan Po Road between CHLA6+54 and	0 days	20/1/20	20/1/20	Calendar Day		174	0 days	0 days 0 days	100%	20/1/20	20/1/20					• 201	4
	CH.A6+61 CE49 - Provision of Suitatble Land Transport for Site Supervision in TKO Area 137 (Feb 2020 -	0 days	28/2/20	28/2/20	Calendar Day		572	0 days	0 days 0 days	100%	28/2/20	28/2/20	11111				114	28/2
	lan 2021)												11111					111
		0 days 0 days	28/2/20 6/4/20	28/2/20 6/4/20	Calendar Day Calendar Day			0 days 0 days	0 days 0 days 0 days 0 days	100%	28/2/20 6/4/20	28/2/20 6/4/20	11111				1111	2872
	CE55 - Design of the Water Main Structure and Associated Pipe Support across the Natural	0 days	5/5/20	5/5/20	Calendar Day		648	0 days	0 days 0 days	100%	5/5/20	5/5/20	11111					F
	Stream Course for Alternative Alignment in Tsul Lam CE61 - Inclement Weather in Februrary 2020	0 days	13/5/20	13/5/20	Calendar Day	-		0 days	0 days 0 days	100%	13/5/20	13/5/20	11111				1111	
		0 days	22/5/20	22/5/20	Calendar Day			0 days	0 days 0 days	100%	22/5/20	22/5/20					1111	
	CE36 - Realignment of Water Mains along the Bituminous Road adjacent to Lohas Park Road (Area A)	0 days	22/5/20	22/5/20	Calendar Day		272	0 days	0 days 0 days	100%	22/5/20	22/5/20	11111				1111	
		0 days	9/6/20	9/6/20	Calendar Day			0 days	0 days 0 days	100%	9/6/20	9/6/20	11111				11117	11
	CESO - Realignment of Water Mains at the Junction of WPR and PYP and the Junction of PHR	0 days	11/6/20	11/6/20	Calendar Day		477,556,557,562	0 days	0 days 0 days	100%	11/6/20	11/6/20	11111				1111	111
	and PSR CE62 - Design of Pipe Support in Tsul Lam (Location 8)	0 days	16/6/20	16/6/20	Calendar Day		681	0 days	O days O days	100%	16/6/20	15/6/20	11111				1111/	
		0 days	17/6/20	17/6/20	Calendar Day			0 days	O days O days	100%	17/6/20	17/6/20	11111		111111		1111	
	CE25 - Unforeseen Underground Condition during Trench Excavation at Wan Po Road between CH.A6+68 and CH.A6+88	0 days	29/6/20	29/6/20	Calendar Day		176	0 days	0 days 0 days	100%	29/6/20	29/6/20	1111				1111	111
	CE28A - Affected Trees along Cycle Track next to Hong Kong Velodrome and Tseung Kwan O	0 days	30/6/20	30/6/20	Calendar Day			0 days	0 days 0 days	100%	30/6/20	30/6/20	1111				1111	111
	Sports Ground CE68 - TIA for TTA at Po Lam Road	0 days	20/7/20	20/7/20	Calendar Day			0 days	0 days 0 days	100%	20/7/20	20/7/20						
	CE51 - Realignment of Water Main in Tsul Lam Section	0 days	3/8/20	3/8/20	Calendar Day			0 days	0 days 0 days	100%	3/8/20	3/8/20						
	CE65 - Landscape Survey near Po Yap Road and Pung Loi Road	0 days	11/6/20	11/6/20 22/12/20	Calendar Day		207 208	1613 days	1613 days 0 days 1419 days 0 days	0%	NA	NA						
		0 days 0 days	22/12/20 27/5/21	22/12/20 27/5/21	Calendar Day Calendar Day		208 212	1419 days 1263 days	1419 days 0 days 1263 days 0 days	0%	NA	NA						
	CE59 - Realignment of Water Main near Pung Loi Road and Po Yap Round	0 days	13/11/20	13/11/20	Calendar Day		233	1458 days	1458 days 0 days	0%	NA	NA						
	CE77 - Design of Water Main Structure and Modification Works to the Affected Geotechnical Features in Wan Po Road and Lohas Park Road	0 days	21/10/20	21/10/20	Calendar Day		417	1481 days	1481 days 0 days	0%	NA	NA	11111					
	CE67 - Realignment of Water Main near Wan Po Road and Lohas Park Road	0 days	11/8/21	11/8/21	Calendar Day		422	1187 days	1187 days 0 days	0%	NA	NA						
	CE98 - Tree Felling at Lohas Park Road CE94 - Site Clearance of Affected Trees and Plants for Mainlaying works near Po Hong Road	0 days 0 days	18/1/21 18/12/20	18/1/21 18/12/20	Calendar Day Calendar Day		427 485	1392 days 1423 days	1392 days 0 days 1423 days 0 days	0%	NA	NA						
	and Ling Hong Road	10		Sa She					A sugar the second									
		0 days 0 days	18/1/22 6/4/20	18/1/22 6/4/20	Calendar Day Calendar Day		752	1027 days 1679 days	1027 days 0 days 1679 days 0 days	0%	NA NA	NA	11111					54
1000			7/11/17	26/12/21	Calendar Day	and the second		0 days	0 days 1511 days	100%	7/11/17	26/12/21	+++++		++++++	****	++++	+F1
	Site Establishment	220 days	2/1/18	9/8/18	Calendar Day			0 days	0 days 220 days	100%	2/1/18	9/8/18	11+++					
		90 days 0 days	12/5/18 9/8/18	9/8/18 9/8/18	Calendar Day Calendar Day	n	73	0 days 0 days	0 days 90 days 0 days 0 days	100%	12/5/18 9/8/18	9/8/18 9/8/18		The				
			2/1/18	2/3/18 2/3/18	Calendar Day Calendar Day	14		0 days	0 days 0 days 0 days 60 days	100%	2/1/18	2/3/18		pro-				
	Submission and Permit Application	1250 days	7/11/17	9/4/21	Colondar Day			0 days	0 days 1250 days	100%	7/11/17	9/4/21			++++++		THE	TH
		14 days 35 days	7/11/17 7/11/17	20/11/17 11/12/17	Calendar Day Calendar Day	3	88	0 days 0 days	0 days 14 days 0 days 35 days	100%	7/11/17 7/11/17	20/11/17 11/12/17						
	Submission of Environmental Management Plan	45 days	7/11/17	21/12/17	Calendar Day	3	107	0 days	0 days 45 days	100%	7/11/17	21/12/17						
		45 days 14 days	7/11/17 7/11/17	21/12/17 20/11/17	Calendar Day Calendar Day	3	88	0 days 0 days	0 days 45 days 0 days 14 days	100%	7/11/17 7/11/17	21/12/17 20/11/17						
		14 days	7/11/17	20/11/17	Calendar Day	3		0 days	0 days 14 days 0 days 14 days	100%	7/11/17	20/11/17			111111			
	Submission of Subcontractor Management Plan	30 days	7/11/17	6/12/17	Calendar Day	3		0 days	0 days 30 days	100%	7/11/17	6/12/17						
		7 days 180 days	7/11/17 7/11/17	13/11/17 5/5/18	Calendar Day Calendar Day	3		0 days 0 days	0 days 7 days 0 days 180 days	100%	7/11/17 7/11/17	13/11/17 5/5/18						
	Setting up of SLG and arrangement of 1st SLG meeting	45 days	16/12/17	29/1/18	Calendar Day	124	86,89,94	0 days	0 days 45 days	100%	16/12/17	29/1/18						
		1084 days 64 days	30/1/18 16/11/17	17/1/21 18/1/18	Calendar Day Calendar Day	85	88,89	0 days 0 days	0 days 1084 days 0 days 64 days	100%	30/1/18 16/11/17	17/1/21 18/1/18			TITT		IIII	TT
		7 days	19/1/18	25/1/18	Calendar Day	5 79,76,87,77	92	0 days	0 days 7 days	100%	19/1/18	25/1/18						
	Application of CNP	28 days	30/1/18	26/2/18	Calendar Day	85,87	93	0 days	0 days 28 days	100%	30/1/18	26/2/18						
		30 days 28 days	16/11/17 16/12/17	15/12/17 12/1/18	Calendar Day Calendar Day	5 90	91,150	0 days 0 days	0 days 30 days 0 days 28 days	100%	16/11/17 16/12/17	15/12/17 12/1/18	T					
		1170 days	26/1/18	9/4/21	Calendar Day	88		0 days	0 days 1170 days	100%	26/1/18	9/4/21					HH	ttt
		1000 days		22/11/20	Calendar Day	89		0 days	0 days 1000 days	100%	27/2/18	22/11/20					1111	

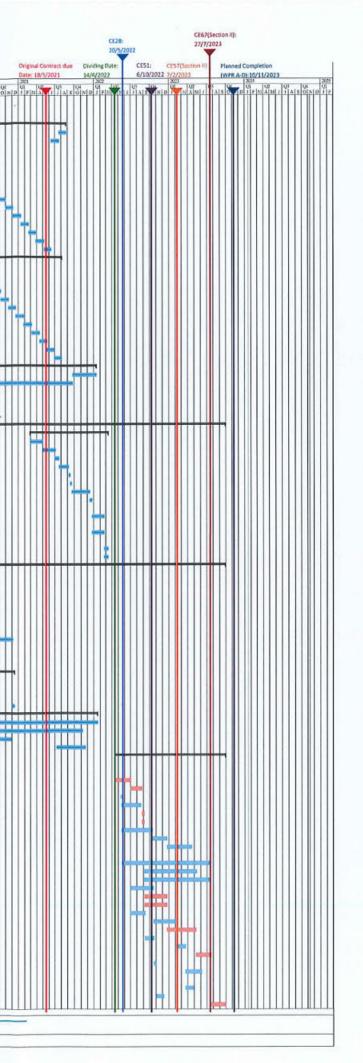
DI	4.Nene	Durative	Start.	Raid	Tail Calcular	Pardecessors	Sweener	Pror Slack	Total Slack Decision	W Complete	Actual Star	Actual Finish	2018	02 108	204 24	102 108 1	04 01	102 102
14					-						10/1 /10	0	NPIRM	ANTIA	1202021	ENT LINA B	NTICATO	ANII
	Regular SLG meeting Submission of Method Statement (Open Cut)	1040 days 14 days	30/1/18 15/2/18	4/12/20 28/2/18	Calendar Day Calendar Day	85 129		0 days 0 days	0 days 1040 days 0 days 14 days	100%	30/1/18 15/2/18	4/12/20 28/2/18						111
+	Submission of Method Statement (Open Cut) Submission of Method Statement (Pipe Jacking)	14 days	15/2/18	28/2/18	Calendar Day	129		0 days	0 days 14 days	100%	15/2/18	28/2/18					(1111)	(1117
1	Submission of Temporary Design (Open Cut)	30 days	15/2/18	16/3/18	Calendar Day	129	99	0 days	0 days 30 days	100%	15/2/18	16/3/18						
	Submission of Temporary Design (Pipe Jacking)	30 days	15/2/18	16/3/18	Calendar Day	129	101	0 days	0 days 30 days	100%	15/2/18	16/3/18						
0	ICE Checking and Certificate (Open Cut)	7 days	17/3/18	23/3/18	Calendar Day	97,95		0 days	0 days 7 days	100%	17/3/18	23/3/18						
0	ICE Checking & Certification for revised MS & temp. design (open cut)	1040 days 7 days	24/3/18 17/3/18	26/1/21 23/3/18	Calendar Day Calendar Day	99 96,98		0 days 0 days	0 days 1040 days 0 days 7 days	100%	24/3/18 17/3/18	26/1/21 23/3/18						
2	ICE Checking and Certificate (Pipe Jacking) ICE Checking & Certificate for revised MS & temp. design (pipe jacking)	7 days 1040 days	24/3/18	25/3/18	Calendar Day	101		0 days	0 days 1040 days	100%	24/3/18	25/3/18						HHH I
8	Submission and Approval of other materials	1000 days		11/8/20	Calendar Day	5		0 days	0 days 1000 days	100%	16/11/17	11/8/20						
4		2 days	14/2/18	15/2/18	Calendar Day	131		0 days	0 days 2 days	100%	14/2/18	15/2/18						
5	Environmental Baseline Monitoring	14 days	16/2/18	1/3/18	Calendar Day	104		0 days	0 days 14 days	100%	16/2/18	1/3/18						1111/
6	Submission of Environmental Baseline Monitoring Report	14 days	2/3/18	15/3/18	Calendar Day	105		0 days	0 days 14 days	100%	2/3/18	15/3/18						
7	Environment Monitoring and EM&A	1070 days		17/2/21	Calendar Day	78,106		0 days	0 days 1070 days	100%	16/3/18 1/4/18	17/2/21 25/12/20						
8	As-constructed Drawing BIM model	1000 days 1000 days		25/12/20 25/12/20	Calendar Day Calendar Day	143		0 days 0 days	0 days 1000 days 0 days 1000 days	100%	1/4/18	25/12/20						
0	Submission of PN25 Pipes and Fittings for CE01	45 days	12/7/18	25/8/18	Calendar Day	13		0 days	0 days 45 days	100%	12/7/18	25/8/18						
1		45 days	26/8/18	9/10/18	Calendar Day	110		0 days	0 days 45 days	100%	26/8/18	9/10/18			+			11117
2	Subcontracting		16/11/17	16/10/20	Calendar Day			0 days	0 days 1066 days	100%	16/11/17	16/10/20						
	Submission and Approval	117 days	16/11/17	12/3/18	Calendar Day			0 days	0 days 117 days	100%	16/11/17	12/3/18			111111		(1111)	11117
4		24 days	16/11/17	9/12/17	Calendar Day	5		0 days	0 days 24 days	100%	16/11/17	9/12/17 20/1/18	7111				(	1111/
5		42 days	10/12/17	20/1/18	Calendar Day Calendar Day	114	121,122,123,126,128,130,1	0 days	0 days 42 days 0 days 14 days	100%	10/12/17 16/11/17	29/11/17						11117
7		14 days 42 days	16/11/17 30/11/17	29/11/17 10/1/18	Calendar Day Calendar Day	116	121,122,126,128,130,132,13		0 days 42 days	100%	30/11/17	10/1/18						(11)
8		75 days	16/11/17	29/1/18	Calendar Day	5		0 days	0 days 75 days	100%	16/11/17	29/1/18						(11)
9	Approval of Supplier Selection Procedure	42 days	30/1/18	12/3/18	Calendar Day	118	150	0 days	0 days 42 days	100%	30/1/18	12/3/18						
a	Subcontractor Selection and Subcontracting	1066 days	16/11/17	16/10/20	Calendar Day			0 days	0 days 1066 days	100%	16/11/17	16/10/20	1111					
1		27 days	21/1/18	16/2/18	Calendar Day	117,115		0 days	0 days 27 days	100%	21/1/18	16/2/18						(11)
2	Construction of Temporary site office, hoarding and project sign board	75 days	21/1/18 21/1/18	5/4/18 19/2/18	Calendar Day	117,115		0 days 0 days	0 days 75 days 0 days 30 days	100%	21/1/18 21/1/18	5/4/18 19/2/18						
4	Trial Pit Excavation Traffic Consultant for Investigation Works	30 days 30 days	21/1/18 16/11/17	19/2/18	Calendar Day Calendar Day	115,5		0 days	0 days 30 days 0 days 30 days	100%	16/11/17	15/12/17						
5	Consultancy: Landscape for Investigation Works	30 days	16/11/17	15/12/17	Calendar Day	5		0 days	0 days 30 days	100%	16/11/17	15/12/17	+					
5	Tender list for traffic consultant	9 days	21/1/18	29/1/18	Calendar Day	117,115		0 days	0 days 9 days	100%	21/1/18	29/1/18						
7	Consultancy: Traffic consultant	55 days	30/1/18	25/3/18	Calendar Day	126		0 days	0 days 55 days	100%	30/1/18	25/3/18						
8		13 days	21/1/18	2/2/18	Calendar Day	117,115		0 days	0 days 13 days	100%	21/1/18	2/2/18						
9	Consultancy: Independent Checking Engineer	12 days	3/2/18	14/2/18	Calendar Day	128		0 days 0 days	0 days 12 days	100%	3/2/18	14/2/18						
0		15 days 9 days	21/1/18 5/2/18	4/2/18 13/2/18	Calendar Day Calendar Day	117,115 130		0 days 0 days	0 days 15 days 0 days 9 days	100%	21/1/18 5/2/18	4/2/18 13/2/18						$(\Pi I)$
2		14 days	21/1/18	3/2/18	Calendar Day	117,115	89.7	0 days	0 days 9 days	100%	21/1/18	3/2/18						
3		42 days	12/7/18	22/8/18	Calendar Day	13,132		0 days	0 days 42 days	100%	12/7/18	22/8/18		-				
4		15 days	4/2/18	18/2/18	Calendar Day	132		0 days	0 days 15 days	100%	4/2/18	18/2/18						
5		42 days	19/2/18	1/4/18	Calendar Day	134		0 days	0 days 42 days	100%	19/2/18	1/4/18						
6		15 days	21/1/18	4/2/18	Calendar Day	117,115		0 days	0 days 15 days	100%	21/1/18	4/2/18	1					
8		42 days 28 days	12/7/18 12/7/18	22/8/18 8/8/18	Calendar Day Calendar Day	136,13 136,13		0 days 0 days	0 days 42 days 0 days 28 days	100%	12/7/18 12/7/18	22/8/18 8/8/18						
		42 days	9/8/18	19/9/18	Calendar Day	136,15		0 days	0 days 42 days	100%	9/8/18	19/9/18						1117
11		15 days	21/1/18	4/2/18	Calendar Day	117,115		0 days	0 days 15 days	100%	21/1/18	4/2/18					(11111)	(   )
L		42 days	5/2/18	18/3/18	Calendar Day	140		0 days	0 days 42 days	100%	5/2/18	18/3/18			111111		(1111)	1117
2		28 days	21/1/18	17/2/18	Calendar Day	117,115		0 days	0 days 28 days	100%	21/1/18	17/2/18	†			1111111	(	11117
3	Tender of Survey Services	42 days	18/2/18	31/3/18	Calendar Day	142		0 days	0 days 42 days	100%	18/2/18	31/3/18						
4		28 days	16/8/19	12/9/19	Calendar Day	117,115,30		0 days	0 days 28 days	100%	16/8/19	12/9/19						
15		42 days	13/9/19 21/1/18	24/10/19 17/2/18	Calendar Day	144 117,115		0 days 0 days	0 days 42 days 0 days 28 days	100%	13/9/19 21/1/18	24/10/19 17/2/18						(11)
7		28 days 42 days	18/2/18	31/3/18	Calendar Day Calendar Day	146		0 days 0 days	0 days 28 days 0 days 42 days	100%	18/2/18	31/3/18						
B		1000 days		16/10/20	Calendar Day	117,115		0 days	0 days 1000 days	100%	21/1/18	16/10/20			+++++			
9	Procurement of Major Materials	1385 days		26/12/21	Calendar Day	and the second second		0 days	0 days 1385 days	100%	13/3/18	26/12/21						
0		7 days	13/3/18	19/3/18	Calendar Day	119,90	151	0 days	0 days 7 days	100%	13/3/18	19/3/18						
1		65 days	20/3/18	23/5/18	Calendar Day	150		0 days	0 days 65 days	100%	20/3/18	23/5/18						
2		1 day	24/5/18	24/5/18	Calendar Day	151		0 days	0 days 1 day	100%	24/5/18 25/5/18	24/5/18 26/12/21						
8		1312 days 7 days	25/5/18 10/10/18	26/12/21 16/10/18	Calendar Day Calendar Day	152 111		0 days 0 days	0 days 1312 days 0 days 7 days	100%	10/10/18	16/10/18						
5		90 days	17/10/18	14/1/19	Calendar Day	154		0 days 0 days	0 days 7 days 0 days 90 days	100%	17/10/18	14/1/19						
5		23 days	15/1/19	6/2/19	Calendar Day	155		0 days	0 days 23 days	100%	15/1/19	6/2/19						
1	SCAP Material Submission and Approval	261 days	25/10/19	11/7/20	Calendar Day	145	158	0 days	0 days 261 days	100%	25/10/19	11/7/20						1
8			12/7/20	19/10/20	Calendar Day	157	and the second s	0 days	0 days 100 days	100%	12/7/20	19/10/20						
9	Mainlaying in Tseung Kwan O (Section I)		20/2/18	28/9/23	HK Working Day			7 days	7 days 1662 days	84%	20/2/18	NA						
0	Excevation, Pipe Loying, Backfilling and Reinstatement (CH.A0+00 to A42+10)	1662 days	20/2/18	28/9/23	HK Working Day	and the second division of the second divisio		7 days	7 days 1662 days	79%	20/2/10	NA						
	Open Cut Wan Po Road Werkfront 1 (CH A0+00 - CH.A3+62(Pit 1))	1331 days 840 days	23/8/18	20/2/23	HK Working Day HK Working Day			181 days O days	181 days 1331 days 0 days 840 days	95%	23/8/18 10/9/18	14/7/21						447
3		45 days	27/3/21	25/5/21	HK Working Day	790		0 days	0 days 45 days	100%	27/3/21	25/5/21						
1		156 days	23/5/19	26/11/19	HK Working Day			0 days	0 days 156 days	100%	23/5/19	26/11/19						
5	CH. A0+50 - CH.A1+50 OC	42 days	10/9/18	31/10/18	HK Working Day		166	0 days	0 days 42 days	100%	10/9/18	31/10/18			-			
6		53 days	1/11/18	4/1/19	HK Working Day	165		0 days	0 days 53 days	100%	1/11/18	4/1/19						
1		107 days	5/1/19	20/5/19	HK Working Day	166		0 days	0 days 107 days	100%	5/1/19	20/5/19						
8		130 days 110 days	18/9/20	26/2/21 14/7/21	HK Working Day HK Working Day	173		0 days 0 days	0 days 130 days 0 days 110 days	100%	18/9/20 27/2/21	26/2/21 14/7/21						
0	CH. A2+58 - 3+62 OC with 0N150 DAV Wan Po Road Workfront 2 (CH. A5+29.5(Pit 2) - CH. A7+12)	110 days	30/8/18	14/2/22	HK Working Day	100		0 days	0 days 1024 days	100%	30/8/18	14/7/21			+++++++	+++++++++	┍╋╋┿╋╋╋	┢╋╋┿┙
		60 days	15/7/21	23/9/21		169		0 days	0 days 60 days	100%	15/7/21	23/9/21						
2		115 days	24/9/21	14/2/22	HK Working Day	171		0 days	0 days 115 days	100%	24/9/21	14/2/22						
3	CH. A6+20 - 6+54 OC	120 days	27/4/20	17/9/20	HK Working Day	175	168,186	0 days	0 days 120 days	100%	27/4/20	17/9/20						1
1		1 day	20/1/20	20/1/20	Calendar Day	44		0 days	0 days 1 day	100%	20/1/20	20/1/20						
5	between CH.6+54 and A6+61 CH. A6+54 - 6+70 OC + Handshield Tunnelling	378 days	14/1/19	25/4/20	HK Working Day		173	0 days	0 days 378 days	100%	14/1/19	25/4/20						
5		378 days 1 day	14/1/19 29/6/20	25/4/20 29/6/20	Calendar Day	56		0 days 0 days	0 days 378 days 0 days 1 day	100%	29/6/20	29/6/20						
11 - I	Wan Po Road between CH. A6+68 and CH. A6+88					12			i i i i i i i i i i i i i i i i i i i									
7	EWN No. 14 (covered by CNE No. 8 & CE No.06) - Unforeseen Underground	1 day	18/9/18	18/9/18	Calendar Day			0 days	0 days 1 day	100%	18/9/18	18/9/18						
	Condition During Trench Excavation for Mainlaying at Wan Po Road Between																	
8	CH.A6+90 and CH.A7+10 CH. A6+70 - CH. A7+12 OC	111 days	30/8/18	12/1/19	HK Working Day			0 days	0 days 111 days	100%	30/8/18	12/1/19						
9			30/8/18	20/2/23	HK Working Day	-		181 days	181 days 1308 days	33%	19/9/18	14/1/19						┝╋╋┿┙
0	EWN No. 108 - TTA Implementation outside the entrance gate of Green Valley Landh	Property and and	25/2/20	25/2/20	Calendar Day			0 days	0 days 1 day	100%	25/2/20	25/2/20						
L	EWN No. 108 - TTA Implementation outside the entrance gate of Green Valley Landfi	i 1 day	9/4/20	9/4/20	Calendar Day			0 days	0 days 1 day	100%	9/4/20	9/4/20						111
Ł	EWN No. 159 - Coefimation of Revised Pipe Alignment outside the Entrance Gate of	1 day	20/5/20	20/5/20	Calendar Day		187,188	0 days	0 days 1 day	100%	20/5/20	20/5/20						
5	Green Valley	1.4	11/000	11/5/10	NUM INCOME.			0 days	04	100%	11/6 (30)	11/2/20						
•	EWN No. 173 - Additional Inspection Pit at Wan Po Road Northbound outside the Entrance Gate of	1 034	11/6/20	11/6/20	HK Working Day			0 days	0 days 1 day	100%	11/6/20	11/6/20						
4	Batch No. 3 - Inspection Pit Excavation at the footpath of Wan Po Road near Green	4 days	23/7/20	27/7/20	HK Working Day			0 days	O days 4 days	100%	23/7/20	27/7/20						
	Valley Landfill								and a surface									
5	EWN No. 189 - Inspection Pit on Footpath at Wan Po Road Northbound outside the	1 day	29/7/20	29/7/20	Calendar Day			0 days	0 days 1 day	100%	29/7/20	29/7/20						
	Entrance Gate of Green Valley Landfill	1.000	10000			-												
5		90 days	18/9/20	7/1/21	HK Working Day	173		0 days	0 days 90 days	100%	18/9/20	7/1/21						
7		105 days	20/5/20	21/9/20	HK Working Day	182		0 days	0 days 105 days	100%	20/5/20	21/9/20						1 111
3		64 days	20/5/20	4/8/20	HK Working Day	182 188		0 days	0 days 64 days	100%	20/5/20 5/8/20	4/8/20 20/10/20						
		64 days 64 days	5/8/20 21/10/20	20/10/20 7/1/21	HK Working Day HK Working Day	188		0 days 0 days	O days 64 days O days 64 days	100%	5/8/20 21/10/20	20/10/20						
		95 days	8/1/21	7/5/21	HK Working Day	190		0 days	0 days 95 days	100%	8/1/21	7/5/21						
		64 days	8/5/21	24/7/21	HK Working Day	191		0 days	0 days 64 days	100%	8/5/21	24/7/21						
2		95 days	26/7/21	16/11/21	HK Working Day	192		0 days	0 days 95 days	100%	26/7/21	16/11/21						
1 2 3	CH, A11+16 - 11+80 OC with DN300 Washout Pump Pit & DN150 DAV					193		0 days	O days 64 days	100%	17/11/21	5/2/22		TIT				
2 3 4	CH. A11+80 - 12+12 OC with DN600 IT	64 days	17/11/21	5/2/22	HK Working Day	100								1111				
2	CH. A11+80 - 12+12 OC with DN600 IT	64 days 440 days	17/11/21 23/2/19	5/2/22 18/8/20	HK Working Day			0 days	0 days 440 days	100%	23/2/19	18/8/20						Li.

Contract due     Dividing Due:     CS1:     CS1/Cerclion II     Planeed Completion       KY/2023     14/4/2023     F/10/1022 7/2/2023     VMPR.40-10/11/2/023
14/4/2021         6/10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022         10/2022
Indiang Date: CEST: CEST/Genue III) Planned Completion (4/40203 5/10/1022 7/2003) IVPEA.DUTUTUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU
Age Date         CES1:         CES7 (Section 10)         Planned Completion           0/2         6/0/2022 7/2/2021         VMPR ADD 10/11/2023         200           0/2         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200
E CESI: CESI: CESICAUNIN PLANE Completion (NPR-ADJ 0/11/20/3 PADJ 0/11/20/3
CES1:         CES7(Section 10)         Planeed Completion           6/10/2022         7/9/2021         10/9         0/10/12/033           10/9         10/9         0/10/12/033         0/10         0/10           10/9         10/9         0/10/12/033         0/10         0/10         0/10           10/9         10/9         0/10         0/10         0/10         0/10         0/10           10/9         10/9         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0/10         0
St:         C\$\$7(\$crise1)         Planed Completion           0/2022         75(3)         75(3)         75(3)           11:         10:         75(3)         75(3)         75(3)           11:         10:         75(3)         75(3)         75(3)         75(3)           11:         10:         10:         75(3)         75(3)         75(3)         75(3)           11:         10:         10:         10:         10:         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         75(3)         7
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Image Completion           Image Com
Planed Completion (MPR A-D-120/11/2003)
Inned Completion <u>IPR A-DY-100/120233</u> <u>IPR A-DY-100/120233</u> <u>IPR</u>
A-01-10/11/2023
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-	Issue CE No. 19 - Change in Design of Gate Valve Chamber at Wan Po Road near CH.	1 day	22/8/19	22/8/19	Calendar Day	31		0 days	0 days 1 day	100%	22/8/19	22/8/19	DIFMAMIIIAS	ONDFM	AMIIA	3 0 N D ) F	6 34
	A12+40 EWN No.23 (Covered by CNE No.16 & CE No. 18) - Unforeseen Ground Conditions at	1 day	4/12/18	4/12/18	Calendar Day			0 days	0 days 1 day	100%	4/12/18	4/12/18					
	Open Trench of Mainlaying at Wan Po Road between CH.A12+89 and CH.A13+04 CH. A12+50 - 12+95 OC	125 days	19/9/18	21/2/19	HK Working Day			0 days	0 days 125 days	100%	19/9/18	21/2/19					
		84 days 65 days	9/11/18 30/11/22	21/2/19 20/2/23	HK Working Day HK Working Day	199,201	200	0 days 181 days	0 days 84 days 181 days 65 days	100%	9/11/18 NA	21/2/19 NA					
	CH. A13+40 - 13+60 OC (Pit A0)	40 days	14/10/22	29/11/22	HK Working Day	376	200	0 days	181 days 40 days	0% 0%	NA	NA					
	Suspension of Nightwork Section due to Restriction with Railway Protection Zone,	1 days	23/8/18 3/8/20	3/8/20	HK Working Day Calendar Day			0 days 0 days	0 days 774 days 0 days 1 day	100%	23/8/18 3/8/20	1/4/21 3/8/20	11111117				П
	TMLG requirements and failure of application for CNP CEOS - Feasibility Study of Realignment of Pipeline at TKO Stage 1 Landfill	188 days	23/8/18	26/2/19	Calendar Day	15		0 days	0 days 188 days	100%	23/8/18	26/2/19					
	CE10 - Contractor Design of The Realignment - at the Junction of Wan Po Road and Pung Loi Avenuce		28/2/19	3/11/19	Calendar Day	20		0 days	0 days 249 days	100%	28/2/19	3/11/19				+	
	CE35 - Feasibility Study on the Alternative Alignment by Trenchless method beneath	270 days	31/12/19	25/9/20	Calendar Day	38		0 days	0 days 270 days	100%	31/12/19	25/9/20					Η
	MTR's Tunnels in the Wan Po Road j/o Lohas Park Road CE65 - Landscape Survey near Po Yap Road and Pung Loi Road	1 day	11/6/20	11/6/20	Calendar Day	60		0 days	0 days 1 day	100%	11/6/20	11/6/20					
		1 day 60 days	22/12/20 22/12/20	22/12/20 8/3/21	Calendar Day HK Working Day	61 208	209 210	0 days 0 days	0 days 1 day 0 days 60 days	100%	22/12/20 22/12/20	22/12/20 8/3/21					
	Site Possession and Tree Removal Works	21 days	9/3/21	1/4/21	HK Working Day	209	222,223	0 days	0 days 21 days	100%	9/3/21	1/4/21					
		390 days 1 day	27/5/21	20/6/22 27/5/21	Calendar Day Calendar Day	62	E37 213	79 days O days	465 days 390 days 0 days 1 day	91%	27/5/21	NA 27/5/21					
		60 days 30 days	27/5/21 26/7/21	25/7/21 24/8/21	Calendar Day Calendar Day	212 213	214 215,219	0 days 0 days	0 days 60 days 0 days 30 days	100%	27/5/21 26/7/21	25/7/21 24/8/21					
	TTA preparation, SLG meetings and obtain RA	30 days	25/8/21	23/9/21	Calendar Day	214	222,223	0 days	0 days 30 days	100%	25/8/21	23/9/21					
1		88 days 14 days	13/1/22	4/5/22 28/1/22	HK Working Day HK Working Day	328	219,218	D days O days	0 days 88 days 0 days 14 days	100%	13/1/22 13/1/22	4/5/22 28/1/22					
		14 days 30 days	29/1/22 18/2/22	17/2/22 24/3/22	HK Working Day HK Working Day	217 214,217,218	219 220	0 days 0 days	0 days 14 days 0 days 30 days	100%	29/1/22 18/2/22	17/2/22 24/3/22					
		30 days	25/3/22	4/5/22	HK Working Day	219		0 days	0 days 30 days	100%	25/3/22	4/5/22					
	Exposed Pipe From CH FDDD+65.1a FD2+00 Excavation in Slope Toe; Construction of Flooding Protection Wall with U-Channel,	135 days 135 days	24/9/21 24/9/21	9/3/22 9/3/22	HK Working Day HK Working Day	210,215		D days O days	0 days 135 days 0 days 135 days	100%	24/9/21 24/9/21	9/3/22 9/3/22					
	Length = 135m, @12m per 12days	42 days	24/9/21	13/11/21	HK Working Day	210,215	224	0 days	0 days 42 days	100%	24/9/21	13/11/21					
	DN1200 Pipe Laying on Concrete Support with Concrete Hunching	14 days	15/11/21	30/11/21	HK Working Day	223	225,227	0 days	0 days 14 days	100%	15/11/21	30/11/21					
10.575	Apply top coating of aliphatic polyarethane on site Open Trench Coentering Trenchless and Exposed Pipe	30 days \$60 days	1/12/21	7/1/22	HK Working Day HK Working Day	224	229	0 days 381 days	0 days 30 days 381 days 160 days	100%	1/12/21	7/1/22					
	CH.FD2+00 to CH.FD3+15 OC CH.FDD3+15 to CH.FDD3+51 OC with DN900 Valve Chamber and By-pass Pipe and	50 days 50 days	1/12/21 4/2/22	31/1/22 2/4/22	HK Working Day HK Working Day	224 227	228,229 229,254	0 days 0 days	0 days 50 days 0 days 50 days	100%	1/12/21 4/2/22	31/1/22 2/4/22					
	Connection to Pit WPR1							and the second second									
2000	CE59 - Water Mains near Pung Loi Road and Po Yap Road (CH.FE0+00 - CH.A3+58)	60 days 608 days	4/4/22 20/8/20	20/6/22 1/9/22	HK Working Day HK Working Day	225,227,228	837	381 days 0 days	381 days 60 days 314 days 608 days	15%	4/4/22 20/8/20	NA					
		7 days 7 days	20/8/20 2/11/20	27/8/20 9/11/20	HK Working Day HK Working Day			0 days 0 days	0 days 7 days 0 days 7 days	100%	20/8/20 2/11/20	27/8/20 9/11/20					
	CE59 - Realignment of Water Main near Pung Loi Road and Po Yap Round	1 day	13/11/20	13/11/20	HK Working Day	63	234,238	0 days	0 days 1 day	100%	13/11/20	13/11/20					
		60 days 30 days	13/11/20 26/1/21	25/1/21 4/3/21	HK Working Day HK Working Day	233 234	235,236,237 245	0 days 0 days	0 days 60 days 0 days 30 days	100%	13/11/20 26/1/21	25/1/21 4/3/21	11111111				
	JIA Design & Method Statement Submission and Approval ; Preparation Works for Pit	30 days	26/1/21	4/3/21	HK Working Day	234		0 days	0 days 30 days	100%	26/1/21	4/3/21					
	GIA				and the second s	214	147										
	Design & Method Statement Submission and Approval ; Preparation Works for Pit WPR1		26/1/21	4/3/21	HK Working Day	234	242	0 days	0 days 30 days	100%	26/1/21	4/3/21					
	TTA preparation, SLG meetings and obtain RA Construction of Pite for Meinleying by Pipe Jacking Method	60 days 275 days	13/11/20	25/1/21	HK Working Day HK Working Day	233	240,243,241	0 days 0 days	0 days 60 days 0 days 275 days	100%	13/11/20	25/1/21					
		1 day 2 days	25/1/21 3/11/21	25/1/21 4/11/21	HK Working Day HK Working Day	238 238	242	0 days	0 days 1 day 0 days 2 days	100%	25/1/21 3/11/21	25/1/21 4/11/21					
	Jacking Pit WPR1 (Near Pung Loi Road)	45 days	5/11/21	29/12/21	HK Working Day	241,237	247	0 days 0 days	0 days 45 days	100%	5/11/21	29/12/21					
		7 days 45 days	26/1/21 3/2/21	2/2/21 30/3/21	HK Working Day HK Working Day	238 243	244 250,260	0 days 0 days	0 days 7 days 0 days 45 days	100%	26/1/21 3/2/21	2/2/21 30/3/21					
_		30 days	5/3/21	13/4/21	HK Working Day	235	257	0 days	0 days 30 days	100%	5/3/21	13/4/21					
	TBM Establishment at Pit WPR1	14 days	30/12/21	15/1/22	HK Working Day	242	248	0 days	0 days 14 days	100%	30/12/21	15/1/22					
		75 days 14 days	17/1/22 22/4/22	21/4/22 10/5/22	HK Working Day HK Working Day	247 248	249 250	0 days 0 days	314 days 75 days 314 days 14 days	96% 0%	17/1/22 NA	NA					
		6 days 56 days	11/5/22 18/5/22	17/5/22 23/7/22	HK Working Day HK Working Day	249,244 250	251 252	0 days 0 days	314 days 6 days 314 days 56 days	0%	NA NA	NA					
	Formwork & Setup for Grouting the gap between pipe and Sleeve	3 days	25/7/22	27/7/22	HK Working Day	251	253	0 days	314 days 3 days	0%	NA	NA					
		8 days 14 days	28/7/22 6/8/22	5/8/22 22/8/22	HK Working Day HK Working Day	252 253,228	254 255	0 days 0 days	314 days 8 days 314 days 14 days	0%	NA	NA					
_	Remove ELS including extracting sheet piles at Pit WPR1; Reinstatement Trenchloss between Pit G1A and Pit f1A and Pige Installation	14 days	23/8/22	7/9/22	HK Working Day	254		314 days	314 days 14 days	0%	NA	NA					
	Establishment at Pit J1A	16 days	14/4/21	3/5/21	HK Working Day	245	258	0 days	0 days 16 days	100%	14/4/21	3/5/21					
	Remove Setup at Pit J1A	101 days 6 days	4/5/21 2/9/21	1/9/21 8/9/21	HK Working Day HK Working Day	257 258	259 260	0 days 0 days	0 days 101 days 0 days 6 days	100%	4/5/21 2/9/21	1/9/21 8/9/21					
		14 days 42 days	9/9/21 27/9/21	25/9/21 16/11/21	HK Working Day HK Working Day	259,244	261 262	0 days 0 days	0 days 14 days 0 days 42 days	100%	9/9/21 27/9/21	25/9/21 16/11/21					
	Formwork & Setup for Grouting the gap between pipe and Sleeve	8 days	17/11/21	25/11/21	HK Working Day	261	263	0 days	O days 8 days	100%	17/11/21	25/11/21					
		3 days 25 days	26/11/21 30/11/21	29/11/21 30/12/21	HK Working Day HK Working Day	262 263	264,267 265	0 days 0 days	0 days 3 days 0 days 25 days	100%	26/11/21 30/11/21	29/11/21 30/12/21					
-	Remove ELS including extracting sheet piles at Pit G1A; Reinstatement	18 days	31/12/21	21/1/22	HK Working Day	264		0 days	0 days 18 days 0 days 100 days	100%	31/12/21	21/1/22					
	Fipe Laying From Pit K to Pit J1A (OC) (48m)	62 days	30/11/21	16/2/22	HK Working Day	263	268	0 days	0 days 62 days	100%	30/11/21	16/2/22					
		15 days 18 days	17/2/22 7/3/22	5/3/22 26/3/22	HK Working Day HK Working Day	267 268	269 270	0 days 0 days	0 days 15 days 0 days 18 days	100%	17/2/22 7/3/22	5/3/22 26/3/22					
_	Reinstatement of Plant and Shrubs in Roundabout	14 days	28/3/22	13/4/22	HK Working Day	269	836	0 days	0 days 14 days	100%	28/3/22	13/4/22					
	Park Road (Area A) (CH. FB0+00 to CH. FBS+34)	10 A.	1.00	A Contraction			a transmission	0 days	0 days 545 days		22/5/20	and the second second					
		1 day 90 days	22/5/20 22/5/20	22/5/20 5/9/20	HK Working Day HK Working Day	51 272	273 274	0 days 0 days	0 days 1 day 0 days 90 days	100%	22/5/20 22/5/20	22/5/20 5/9/20					
	Tender Award / Issue LOA	1 day 60 days	5/9/20 7/9/20	5/9/20 18/11/20	HK Working Day HK Working Day	273 274	275 282,283,281	0 days 0 days	O days 1 day O days 60 days	100%	5/9/20 7/9/20	5/9/20 18/11/20					
	CH, F80+00 - 0+38 OC	35 days	11/12/21	24/1/22	HK Working Day	277		0 days	0 days 35 days	100%	11/12/21	24/1/22					
	CH, F80+70 - 1+02 OC with DN150 DAV	30 days 75 days	6/11/21 7/8/21	10/12/21 5/11/21	HK Working Day HK Working Day	278 279	276 277	0 days 0 days	0 days 30 days 0 days 75 days	100%	6/11/21 7/8/21	10/12/21 5/11/21					
	CH. FB1+02 - 1+34 OC with DN300 Washout Pump Pit	75 days 75 days	8/5/21 1/2/21	6/8/21 7/5/21	HK Working Day HK Working Day	280 281	278 279	0 days 0 days	0 days 75 days 0 days 75 days	100% 100%	8/5/21 1/2/21	6/8/21 7/5/21					
	CH. F81+66 - 2+06 OC	60 days	19/11/20	30/1/21	HK Working Day	275	280	0 days	0 days 60 days	100%	19/11/20	30/1/21					
		30 days 30 days	19/11/20 19/11/20	23/12/20 23/12/20	HK Working Day HK Working Day	275 275	284	O days O days	0 days 30 days 0 days 30 days	100%	19/11/20 19/11/20	23/12/20 23/12/20					
	CH. F82+70 - 3+02 OC with DN300 Washout Pump Pit	75 days 30 days	24/12/20 29/3/21	27/3/21 7/5/21	HK Working Day HK Working Day	283 284	285 286	O days O days	0 days 75 days 0 days 30 days	100%	24/12/20 29/3/21	27/3/21					
	CH. F83+34 - 3+66 OC with DN600 IT	75 days	8/5/21	6/8/21	HK Working Day	285	287	0 days	0 days 75 days	100%	8/5/21	7/5/21 5/8/21					
		30 days 30 days	7/8/21 11/9/21	10/9/21 19/10/21	HK Working Day HK Working Day	285 287	288 289	O days O days	0 days 30 days 0 days 30 days	100%	7/8/21 11/9/21	10/9/21					
	CH. F84+30 - 4+62 OC	30 days	20/10/21	23/11/21 30/12/21	HK Working Day	288	290	O days	0 days 30 days	100%	20/10/21	23/11/21					
	CH. FB4+94 - 5+34 OC	30 days 30 days	24/11/21 31/12/21	8/2/22	HK Working Day HK Working Day	290	291 292	0 days 0 days	0 days 30 days 0 days 30 days	100%	24/11/21 31/12/21	30/12/21 8/2/22					
-	Open Cut from CH.F85+34 to Pit F) CE34 - Realignment of Watermain along TKO Stage 1 Landfill (CH.FC0+00 - CH.FC13+44	35 days 649 days	9/2/22	21/3/22	HK Working Day HK Working Day	291	836	0 days 0 days	O days 35 days O days 649 days	100%	9/2/22	21/3/22					4
		1 day	5/11/19	5/11/19	HK Working Day	34	295	0 days	0 days 1 day	100%	5/11/19	5/11/19					11

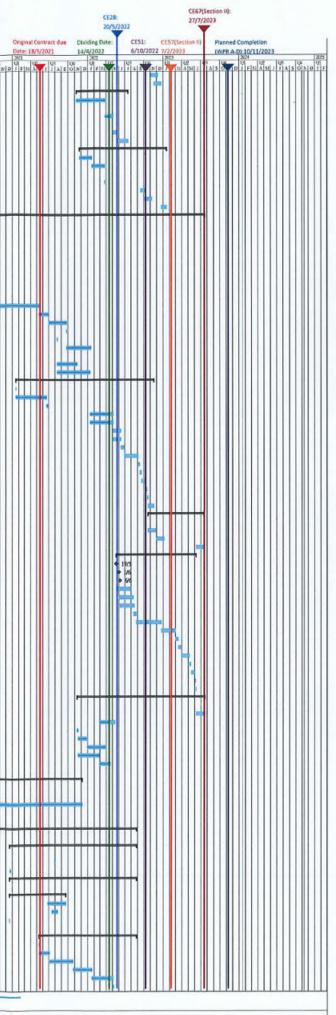


10000000		Duratina	Stan.	Rest	Tark Constar	Phelecourts	Successors		ontract No. 13/WSD/1 Tool Slick Decision	G Complete		Arned Baids		NIP Vistal Ve		8
1	Tender List Preparation & Approval, Tendering Process and PM's Approval	90 days	5/11/19	24/2/20	HK Working Day	294	296	0 days	0 days 90 days	100%	5/11/19	24/2/20	DIFNANIIIASON	PITEMANUTI	I A S O N D I I	FISLAS
	Tender Award / Issue LOA Method Statement and Design Submission	1 day 60 days	24/2/20 25/2/20	24/2/20 11/5/20	HK Working Day HK Working Day	295 296	297	O days O days	0 days 1 day 0 days 60 days	100%	24/2/20 25/2/20	24/2/20 11/5/20				
1-1-1	TKO South Waterfront Fromenade (CH. FCO+00 - 4+87)	442 days	26/2/20	23/8/21	HK Working Day	The second states		0 days	0 days 442 days	100%	26/2/20	23/8/21				
	CH. FC 0+00 - 0+33 OC	30 days	20/7/21	23/8/21	HK Working Day	300 313	299	O days O days	0 days 30 days 0 days 30 days	100%	20/7/21 12/6/21	23/8/21 19/7/21				
	CH. FC 0+33 - 0+65 OC CH. FC 0+65 - 0+95 OC	30 days 34 days	12/6/21 26/2/20	19/7/21 6/4/20	HK Working Day HK Working Day	313	299	0 days	0 days 34 days	100%	26/2/20	6/4/20				
	CH. FC 0+95 - 1+27 OC	30 days	6/4/20	15/5/20	HK Working Day			0 days	0 days 30 days	100%	6/4/20	15/5/20				
	CH. FC 1+27 - 1+59 OC CH. FC 1+59 - 1+91 OC	31 days 31 days	15/5/20 19/6/20	19/6/20 27/7/20	HK Working Day HK Working Day			O days O days	0 days 31 days 0 days 31 days	100%	15/5/20 19/6/20	19/6/20				
	CH. FC 1+91 - 2+23 OC	30 days	15/7/20	18/8/20	HK Working Day		306	0 days	0 days 30 days	100%	15/7/20	18/8/20				1111
	CH. FC 2+23 - 2+55 OC	30 days	19/8/20	22/9/20	HK Working Day	305	307	0 days	0 days 30 days	100%	19/8/20	22/9/20				
	CH. FC 2+55 - 2+87 OC CH. FC 2+87 - 3+19 OC	30 days 30 days	23/9/20 31/10/20	30/10/20 4/12/20	HK Working Day HK Working Day	306 307	308 309	O days O days	0 days 30 days 0 days 30 days	100%	23/9/20 31/10/20	30/10/20 4/12/20				
	CH. FC 3+19 - 3+51 OC	30 days	5/12/20	12/1/21	HK Working Day	308	310	0 days	0 days 30 days	100%	5/12/20	12/1/21				
	CH. FC 3+51 - 3+83 OC	30 days	13/1/21	19/2/21	HK Working Day	309	311	0 days	0 days 30 days	100%	13/1/21 20/2/21	19/2/21 26/3/21			1111111	
	CH. FC 3+83 - 4+15 OC CH. FC 4+15 - 4+47 OC	30 days 30 days	20/2/21 27/3/21	26/3/21 6/5/21	HK Working Day HK Working Day	310 311	312 313	0 days 0 days	0 days 30 days 0 days 30 days	100%	27/3/21	6/5/21				
-	CH. FC 4+47 - 4+87 OC	30 days	7/5/21	11/6/21	HK Working Day	312	300	0 days	0 days 30 days	100%	7/5/21	11/6/21				
	TKO Seauth Waterfreint Fremenade (CH, FC4+87 - 8+71) CH. FC 4+87 - 5+19 OC with DN600 IT	401 days	24/3/20 24/3/20	2/8/22 26/6/20	HK Working Day			0 days 0 days	0 days 403 days 0 days 75 days	100%	24/3/20	26/6/20				
	CH. FC 5+19 - 5+51 OC	30 days	22/6/20	28/7/20	HK Working Day		317	0 days	0 days 30 days	100%	22/6/20	28/7/20			1111111	
	CH. FC 5+51 - 5+83 OC	30 days	29/7/20	1/9/20	HK Working Day	316	318	0 days	0 days 30 days	100%	29/7/20	1/9/20				
	CH. FC 5+83 - 5+15 OC CH. FC 6+15 - 6+47 OC	30 days 30 days	2/9/20 9/10/20	8/10/20 13/11/20	HK Working Day HK Working Day	317 318	319 320	O days O days	0 days 30 days 0 days 30 days	100%	2/9/20 9/10/20	8/10/20				
	CH. FC 6+47 - 6+79 OC	30 days	14/11/20	18/12/20	HK Working Day	319	321	0 days	0 days 30 days	100%	14/11/20	18/12/20				
	CH. FC 6+79 - 7+11 OC	30 days	19/12/20	26/1/21	HK Working Day	320	322	0 days	0 days 30 days	100%	19/12/20	26/1/21				
	CH. FC 7+11 - 7+43 OC CH. FC 7+43 - 7+75 OC	30 days 30 days	27/1/21 6/3/21	5/3/21 14/4/21	HK Working Day HK Working Day	321 322	323 324	0 days 0 days	0 days 30 days 0 days 30 days	100%	27/1/21 6/3/21	5/3/21 14/4/21				
	CH. FC 7+75 - 8+07 OC CH. FC 7+75 - 8+07 OC	30 days	15/4/21	21/5/21	HK Working Day	323	325	0 days	0 days 30 days	100%	15/4/21	21/5/21				
	CH. FC 8+07 - 8+39 OC	30 days	22/5/21	26/6/21	HK Working Day	324	326	0 days	0 days 30 days	100%	22/5/21	26/6/21				
	CH. FC 8+39 - 8+71 OC IND landfill State   Area 8 (CH. FC 8+71 - 13+26)	30 days	28/6/21	2/8/21	HK Working Day	325	and the second second	O days O days	0 days 30 days 0 days 521 days	100%	28/6/21	2/8/21				
	CH. FC 8+71 - 9+55 OC	90 days	24/9/21	12/1/22	HK Working Day	329	217	0 days	0 days 90 days	100%	24/9/21	12/1/22				
	CH. FC 9+55 - 12+00 OC with DN150 DAV	300 days	18/9/20	23/9/21	HK Working Day	330	328	0 days	0 days 300 days	100%	18/9/20	23/9/21				
	CH. FC 12+00 - 12+30 OC CH. FC 12+30 - 12+62 OC with Monitoring Chamber	30 days 50 days	14/8/20 15/6/20	17/9/20 13/8/20	HK Working Day HK Working Day	331	329 330	O days O days	0 days 30 days 0 days 50 days	100%	14/8/20 15/6/20	17/9/20 13/8/20				
	CH. FC 12+62 - 13+02 OC	50 days	15/5/20	14/7/20	HK Working Day			0 days	0 days 50 days	100%	15/5/20	14/7/20				
-	CH. FC 13+02 - 13+26 OC	28 days	14/4/20	18/5/20	HK Working Day			0 days	0 days 28 days	100%	14/4/20	18/5/20				
Trenc	hless Works in Po Road J/O Chun Wang Street (CH.A3+62(Pit 1) to CH.AS+29.5(Pit 2)	1234 days 308 days	2/8/19	28/9/23	HK Working Day HK Working Day	and the second second	834	7 days 0 days	7 days 1234 days 0 days 308 days	100%	2/8/19	12/3/22				
	Construction of Recieving Pit - Pit 1	50 days	27/2/21	30/4/21	HK Working Day	16955	337,338	0 days	0 days 50 days	100%	27/2/21	30/4/21				
(	Construction of Jacking Pit - Pit 2	50 days	3/5/21	2/7/21	HK Working Day	336	338 339	0 days	0 days 50 days	100%	3/5/21 3/7/21	2/7/21 20/7/21				
	IBM Establishment at Pit 2 Sleeve Pipe Jacking (CH. A3+62 - CH.AS+10)(L=180m, 4.5m/d)	15 days 40 days	3/7/21 21/7/21	20/7/21 4/9/21	HK Working Day HK Working Day	336,337 338	340	O days O days	0 days 15 days 0 days 40 days	100%	21/7/21	4/9/21			1111111	
	Grouting around Sleeve Pipes & Remove TBM Establishment at Pit 2	6 days	6/9/21	11/9/21	HK Working Day	339	341	0 days	0 days 6 days	100%	6/9/21	11/9/21				
	ietup Guide Rail for Pipe Laying (Pit 2 - Pit 1)	6 days 68 days	13/9/21	18/9/21 10/12/21	HK Working Day	340 341	342 343	O days O days	0 days 6 days 0 days 68 days	100%	13/9/21 20/9/21	18/9/21 10/12/21				
	DN120D MS Pipe Laying inside Sleeve Pipe (8m per 3 days) Formwork, Setup and Annular Grouting ( the gap between Pipes and Sleeve Pipes)	10 days	20/9/21 11/12/21	22/12/21	HK Working Day HK Working Day	342	344,345	0 days	0 days 10 days	100%	11/12/21	22/12/21				1111
	Pipe Connection and Construction of Combined Inspection Tee and Washout Chamber (Type I) at Pit 1	45 days	23/12/21	19/2/22	HK Working Day	343	346	0 days	0 days 45 days	100%	23/12/21	19/2/22				
	Pipe Connection and Construction of Combined Inspection Tee and Washout	45 days	23/12/21	19/2/22	HK Working Day	343	347	0 days	0 days 45 days	100%	23/12/21	19/2/22				
	Chamber (Type I) at Pit 2	10.4	24/2/22	13/3/33	IN Marchine Davi			0 days	0 days 10 days	100%	21/2/22	12/2/22				
	Backfill, Remove ELS and Extract Sheetpile at Pit 1 Backfill, Remove ELS and Extract Sheetpile at Pit 2	18 days 18 days	21/2/22 21/2/22	12/3/22 12/3/22	HK Working Day HK Working Day	344 345		0 days 0 days	0 days 18 days 0 days 18 days	100%	21/2/22 21/2/22	12/3/22 12/3/22				
Wa	in Po Road (from Chun Yat Street to Shek Kok Road) (Pit A to Pit D)	1234 days	2/8/19	28/9/23	HK Working Day	and the second second	834	0 days	0 days 1234 days	47%	2/8/19	NA				
	WN046 - Realignment of Trenchless Alignment along Wan Po Road from CH.A13+70 to CH.A 22+70	1 day	2/8/19	2/8/19	Calendar Day		355	0 days	0 days 1 day	100%	2/8/19	2/8/19			111111	
	CE29 - Tree Transplant Works near CHA13+70	30 days	23/9/19	29/10/19	HK Working Day	32	1	0 days	0 days 30 days	100%	23/9/19	29/10/19				
	Temporary Diversion of Unchartered Underground Utilities Near Wan O Road at	30 days	8/8/19	11/9/19	HK Working Day	29		0 days	0 days 30 days	100%	8/8/19	11/9/19			P 1111	
	CH.A16+00 (Pit B) Inderground Utility Detection Survey for Working Pit D	30 days	2/8/19	5/9/19	HK Working Day	28	354	0 days	0 days 30 days	100%	2/8/19	5/9/19				
1	Removal of Existing Planter for Jacking Pit A	6 days	15/6/20	20/6/20	HK Working Day		359	0 days	0 days 6 days	100%	15/6/20	20/6/20				
	Confirmation of Revised Location of Pit D ITA submission and Approval , Suspension of Parking Meters and TTA Implement fo	1 day	6/9/19 19/8/20	6/9/19 4/12/20	Calendar Day HK Working Day	352	362	D days O days	0 days 1 day 0 days 90 days	100%	6/9/19 19/8/20	6/9/19 4/12/20				
	TA submission and Approval , Suspension of Parking Meters and TTA Implement to acking Pit D	20.0042	13/0/20	41420	ing thornal buy		-	o esta	o cala ao gala	Tonia	1.110120	414100				
1	LS Design Submission and Method Statement with ICE Certificate	30 days	3/8/19	6/9/19	HK Working Day	349	357	0 days	0 days 30 days	100%	3/8/19	6/9/19				
	Approval of Design Submission and Method Statement Aspection Pit Excavations	6 days 406 days	7/9/19	13/9/19	HK Working Day HK Working Day	356	and the second second	0 days 0 days	0 days 6 days 0 days 406 days	100%	7/9/19 5/8/19	13/9/19				HH
	Inspection Pit for Pit A	7 days	22/6/20	30/6/20	HK Working Day	353	364	0 days	0 days 7 days	100%	22/6/20	30/6/20				
	Inspection Pit for Pit B	7 days	5/8/19	12/8/19	HK Working Day		365	0 days	0 days 7 days	100%	5/8/19	12/8/19				
	Inspection Pit for Pit C Inspection Pit at Pit D	7 days 7 days	22/11/19 5/12/20	29/11/19 12/12/20	HK Working Day HK Working Day	355	366	0 days 0 days	0 days 7 days 0 days 7 days	100%	22/11/19 5/12/20	29/11/19 12/12/20				
	Construction of Pits (A, B, C and D)	723 days	13/8/19	18/1/22	HK Working Day	Charles and the second	N. L. Martine	0 days	0 days 723 days	100%	13/8/19	18/1/22				
	Fit A	462 days	2/7/20	18/1/22	HK Working Day	359	386,388	0 days	0 days 462 days	100%	2/7/20	18/1/22				
	Pit B with additional ground grouting works Pit C with additional ground grouting works	664 days 295 days	13/8/19 30/11/19	6/11/21 27/11/20	HK Working Day HK Working Day	360 361	399	0 days 0 days	0 days 664 days 0 days 295 days	100%	13/8/19 30/11/19	6/11/21 27/11/20				
	Pit D	112 days	10/7/21	20/11/21	HK Working Day		404	0 days	0 days 112 days	100%	10/7/21	20/11/21				
1	Vew Routing From Pit A to Pit D Instantian to Change Pit A to Pit D	433 days	14/4/22	28/9/23	HK Working Day		320	0 days	O days 433 days	0%	NA	NA				
	Instruction to Change Pit A to Pit D by Trenchless Method to Open Cut Method & Handshield	1 Gay	14/4/22	14/4/22	HK Working Day		370	0 days	0 days 1 day	576	NA	ind				
	XP Application for WPR, SKR and Open Trench at Shek Kok Road	60 days	19/4/22	30/6/22	HK Working Day	369	382,371	0 days	0 days 60 days	0%	NA	NA				
	TTA Application and Endorsement Trial Pit Excavation at Pit A1	45 days 3 days	2/7/22 14/5/22	23/8/22 17/5/22	HK Working Day HK Working Day	370	374,375	0 days 409 days	0 days 45 days 409 days 3 days	0%	NA NA	NA				
	Removal of Central Divider between Wan O Road and Shek Kok Road	81 days	16/5/22	19/8/22	HK Working Day			330 days	330 days 81 days	0%	NA	NA				
	Trial Pit Excavation at Pit C1	10 days	24/8/22	3/9/22	HK Working Day	371	383	0 days	0 days 10 days	0%	NA	NA				
	Trial Pit Excavation at Pit D1 Pipe Laying (OC) from Pit A1 towward KLN (124m)	10 days 124 days	24/8/22 17/5/22	3/9/22 13/10/22	HK Working Day HK Working Day	371	380,381,384 377,201	0 days 0 days	0 days 10 days 136 days 124 days	0%	NA NA	NA				
	Pipe Laying (OC) from WPR (N/B)(the 1st Lane to the 3rd lane) (30m)	60 days	14/10/22	22/12/22	HK Working Day	376	378	0 days	136 days 60 days	0%	NA	NA				
	Pipe Laying (OC) crossing WPR Junction with Wan O Road to Central Divider (73m	) 90 days	23/12/22	18/4/23	HK Working Day	377		136 days	136 days 90 days	0%	NA	NA				
	Fipe Laying (OC) along Central Divider to Pit C1 (340m)	340 days	20/5/22	12/7/23	HK Working Day		1	67 days	67 days 340 days	0%	NA	NA				
	Pipe Laying (OC) from Pit D1 to Pit D (1st 200m)	200 days	5/9/22	11/5/23	HK Working Day	375		117 days	117 days 200 days	0%	NA	NA				
	Pipe Laying (OC) from Pit D1 to Pit D (Remaining 110m) Construction of Pit A1	250 days 90 days	5/9/22 2/7/22	12/7/23 18/10/22	HK Working Day HK Working Day	375 370	396	67 days 0 days	67 days 250 days 97 days 90 days	0%	NA NA	NA				
	Construction of Pit C1	90 days	5/9/22	21/12/22	HK Working Day	374	387	0 days	0 days 90 days	0%	NA	NA				
	Construction of Pit D1	90 days	5/9/22	21/12/22	HK Working Day	375	387	0 days	0 days 90 days	0%	NA	NA				
	Construction of Pit A0 Headshield Tunneling form Pit A to Pit A1 (102m)	60 days 85 days	29/6/22 19/10/22	7/9/22	HK Working Day HK Working Day	364,382	388 389	0 days 0 days	210 days 60 days 97 days 85 days	0%	NA	NA				
	Headshield Tunneling form Pit D1 to Pit C1 (64m)	107 days	22/12/22	8/5/23	HK Working Day	383,384	390	0 days	0 days 107 days	0%	NA	NA				
	Headshield Tunneling fom Pit A to Pit AD (20m)	34 days	8/9/22	20/10/22	HK Working Day	364,385	391	0 days	210 days 34 days	0%	NA	NA				
	MS Pipe Laying in Segment from Pit A to Pit A1 MS Pipe Laying in Segment from Pit D1 to Pit C1	40 days 60 days	2/2/23 9/5/23	20/3/23 20/7/23	HK Working Day HK Working Day	386 387	392,393 395	0 days 0 days	97 days 40 days 0 days 60 days	0%	NA	NA				
	MS Pipe Laying in Segment from Pit A to Pit AD	10 days	21/10/22	1/11/22	HK Working Day	388	392,394,395	0 days 0 days	210 days 10 days	0%	NA	NA				
	Pipe Connection works & Construction Special Combined Insepction Washout	60 days	21/3/23	5/6/23	HK Working Day	389,391		97 days	97 days 60 days	0%	NA	NA				
	Chamber at Pit A Pipe Connection works at Pit A1 concrete thrust block	30 days	21/3/23	28/4/23	HK Working Day	389		127 days	127 days 30 days	0%	NA	NA				
		the second second		6/12/22	HK Working Day	391		240 days	240 days 30 days	0%	NA	NA				
	Fipe Connection works at Pit AO and concrete thrust block	30 days	2/11/22									100				
		30 days 60 days	2/11/22 21/7/23	28/9/23	HK Working Day	390	1	0 days	0 days 60 days	0%	NA	NA				

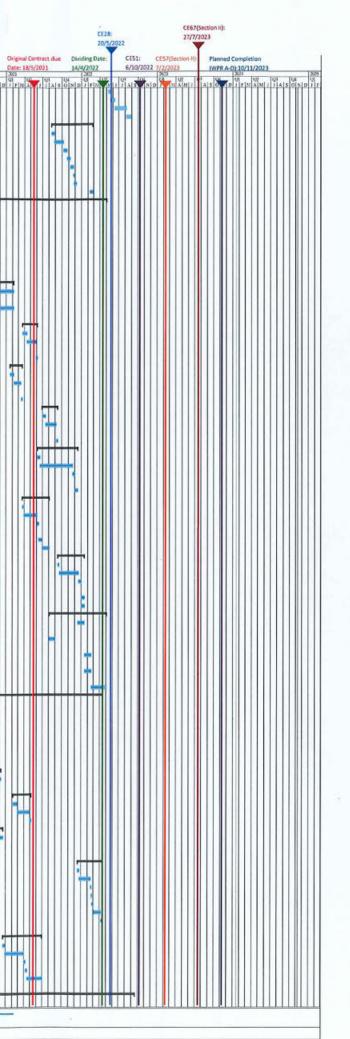


Test Num	2	Dutities	Sunt	Reit	Task Coloniae	Predecessors	Successors	Free Slack	Tout Stack Datase	S Complete	AnalStat	Actual Finish (4	2558 2011 Q4 Q5 Q4 Q5 Q4 p J F[M A[31] J J A S O[N D J F[M A[N] J
	Pipe Connection Works and Concrete Thrust Block at Pit D1	30 days	2/11/22	6/12/22	HK Working Day	391		240 days	240 days 30 days	0%	NA	NA	D J F M A X J I A S O N D J F M A M J
-	Pipe Connection Works and construction of Washout Chamber at Pit D TEM Pipe Jacking (Pit B to Pit C) and Pipe Installation	30 days 202 days	18/11/22 8/11/21	22/12/22	HK Working Day HK Working Day	408,441	409	0 days 359 days	208 days 30 days 359 days 202 days	0% 64%	NA 8/11/21	NA	
			8/11/21	24/3/22	HK Working Day	365	400	0 days	0 days 112 days	100%	8/11/21	24/3/22	
	Jacking DN1600 Precast Concrete Sleeve Pipe From Pit B to Pit C (L=326m;	30 days	25/3/22	4/5/22	HK Working Day	399	401	0 days	359 days 30 days	57%	25/3/22	NA	
	2.5m/day) Extracting TBM and remove TBM from Pit B	15 days	5/5/22	23/5/22	HK Working Day	400	402	0 days	359 days 15 days	0%	NA	NA	
	ELS Removal and Reinstatement of Road works, Planter and Gullies' drains Pipe Jacking from Pit D to Pit C and Pipe Installation	45 days 341 days	24/5/22 22/11/21	16/7/22 16/1/23	HK Working Day HK Working Day	401	Start a start store	359 days 208 days	359 days 45 days 208 days 341 days	0% 61%	NA 22/11/21	NA	
	TBM Establishment at Pit D DN1920 Steel Jacked Pipe (Pit D - Pit C) (CH.A19+26 to CH.A22+80) in Soil (370m;	47 days	22/11/21 19/1/22	18/1/22 22/3/22	HK Working Day HK Working Day	367 404	405	0 days 0 days	0 days 47 days 0 days 51 days	100%	22/11/21 19/1/22	18/1/22 22/3/22	
	2.5m/day)				A DESIGNATION OF	197		0 days	0 days 1 day		23/3/22	23/3/22	
	Pipe Jacking stopped on 23/3/2022 Abandonded MTBM and Filling the Installed Sleeve Pipe with Grout	1 day 15 days	23/3/22 15/9/22	23/3/22 3/10/22	HK Working Day HK Working Day		408	0 days	216 days 15 days	100%	NA	NA	
	Backfilling Pit D to formation level of washout pumppit ELS Removal and Reinstatement of Road works	30 days 18 days	5/10/22 23/12/22	8/11/22 16/1/23	HK Working Day HK Working Day	407 397	397	8 days 208 days	216 days 30 days 208 days 18 days	0%	NA	NA	
	CE67 - Wan Ro Road (From Shek Kwok Road to Lohas Park Road)	1126 days	27/9/19	19/7/23	HK Working Day		335	0 days	68 days 1126 days	63%	27/9/19 3/8/20	NA 3/8/20	
	Suspension of Nightwork Section (CH.A22+70 to 24+00) due to Restriction with Railway Protection Zone and TMLG requirements	1 day	3/8/20	3/8/20	Calendar Day			0 days	0 days 1 day	100%			
-	CE24 - Tender List Prepare & Approval, Tendering Process and PM's Approval Ceordination with MTR for Ground Investigation Works under MTR Tunnels	70 days 55 days	27/9/19 6/12/19	5/12/19 14/2/20	Calendar Day HK Working Day	33 412	413 414	0 days 0 days	0 days 70 days 0 days 55 days	100%	27/9/19 6/12/19	5/12/19 14/2/20	
	Mobilization and Establishment of GI equipment Ground Investigation GI No. 3	4 days 30 days	15/2/20 20/2/20	19/2/20 25/3/20	HK Working Day HK Working Day	413 414	415 416	0 days 0 days	0 days 4 days 0 days 30 days	100%	15/2/20 20/2/20	19/2/20 25/3/20	
	PM review the Aignment and Profiles and Obtain Consent from MTR for the decision		26/3/20	10/6/20	HK Working Day	415	410	0 days	0 days 60 days	100%	26/3/20	10/6/20	
	of realignment Issue CE No. 77 - Design of Water Main Structure and Modification Works to the	1 day	21/10/20	21/10/20	HK Working Day	64	418	0 days	0 days 1 day	100%	21/10/20	21/10/20	
	Affected Geotechnical Features in Wan Po Road and Lohas Park Road Quotation Submission and Acceptant for CE No. 77	161 days	21/10/20	10/5/21	HK Working Day	417	419	0 days	0 days 161 days	100%	21/10/20	10/5/21	
	CE No. 77 - Submission of Geotechnical Assessment Repot	42 days	11/5/21	30/6/21	HK Working Day	418	420	0 days	0 days 42 days	100%	11/5/21	30/6/21	
	CE No. 77 - Design Submission CE No. 77 - Approval of Design Submission	72 days 1 day	2/7/21 24/9/21	24/9/21 24/9/21	HK Working Day HK Working Day	419 420	421 423	0 days 0 days	0 days 72 days 0 days 1 day	100%	2/7/21 24/9/21	24/9/21 24/9/21	
	Issue CE No. 67 - Realignment of Water Main near Wan Po Road and Lohas Park Roa Obtain MTR's approval on the alignment and construction method about MTR's		11/8/21 25/9/21	11/8/21 14/1/22	HK Working Day HK Working Day	65 421	424,425 450,451,452	0 days 0 days	0 days 1 day 0 days 91 days	100%	11/8/21 25/9/21	11/8/21 14/1/22	
	tunnels				and a statistic second							and the second sec	
	Tender Process and Tender Award for CE No. 67 TTA approval and Implement for CE No. 67	77 days 125 days	11/8/21 11/8/21	11/11/21 10/1/22	HK Working Day HK Working Day	422 422	466 430,431,450,451,452	0 days 0 days	0 days 77 days 0 days 125 days	100%	11/8/21 11/8/21	11/11/21 10/1/22	
	Hendshield Crossing Wan Po Road (CH.FAD+15 to CH.FAD+50) Issue CE No. 98 - Tree Felling at Lohas Park Road	583 days 1 day	18/1/21 18/1/21	17/11/22	HK Working Day HK Working Day	66	428	0 days	208 days 543 days 0 days 1 day	100%	3#/1/23 18/1/21	NA 18/1/21	
	TPRP Submission and Approval for Tree at Slope Feature 125W-A/FR102	121 days	18/1/21	18/6/21	HK Working Day	427	429	0 days	0 days 121 days	100%	18/1/21	18/6/21	
	Tree Felling and Tree Works at Slope Feature 12SW-A/FR102 Strengthen Works at Feature 12SW-A/R27	7 days 90 days	19/6/21 11/1/22	26/6/21 4/5/22	HK Working Day HK Working Day	428 429,425	430 432	0 days 0 days	0 days 7 days 194 days 90 days	100%	19/6/21 11/1/22	26/6/21 NA	
	Strengthen Works at Feature 125W-A/R28	90 days	11/1/22	4/5/22	HK Working Day	425	433 434	0 days	194 days 90 days	86% 0%	11/1/22 NA	NA	
	Concrete Coring and forming a opening on retaining wall (R27) Concrete Coring and forming a opening on retaining wall (R28)	30 days 30 days	5/5/22 5/5/22	10/6/22 10/6/22	HK Working Day HK Working Day	430	434	0 days 0 days	194 days 30 days 194 days 30 days	0%	NA	NA	
	Handshield Establishment Mild Steel Segment Rings in Soil Mix (35m; 0.4m/day)	14 days 58 days	11/6/22 28/6/22	27/6/22 3/9/22	HK Working Day HK Working Day	432,433 434	435 436	0 days 0 days	194 days 14 days 194 days 58 days	0%	NA	NA	
	Remove establishment	6 days	5/9/22	10/9/22	HK Working Day	435	437	0 days	194 days 6 days	0%	NA	NA	
	Setup for Pipe Laying inside jacking DN900 MS Pipe Laying inside jacking pipe (35m) (say 3 days per 8m)	6 days 15 days	13/9/22 20/9/22	19/9/22 8/10/22	HK Working Day HK Working Day	436 437	438 439	0 days 0 days	194 days 6 days 194 days 15 days	0%	NA	NA	
	Formwork & Setup for Grouting the gap between pipe and Sleeve Grouting Works (30 meter/day)	6 days 4 days	10/10/22 17/10/22	15/10/22 20/10/22	HK Working Day HK Working Day	438 439	44D 441,443	0 days 0 days	194 days 6 days 194 days 4 days	0%	NA NA	NA	
	Pipe laying Works From Pit D to CH.FA0+15	24 days	21/10/22	17/11/22	HK Working Day	440	397	0 days	208 days 24 days	0%	NA	NA	
	Vertical Pipes, Exposed Pipes & Burned Pipes above MTR Tennels (CH FA0x50 to CH FA0x55)	216 days	53/10/55	15/7/23	HK Working Day			T1 days	71 days 216 days	096	NA	RO8	
	Vertical pipes with Concrete Surround Exposed pipes with concrete surround	33 days 30 days	21/10/22 29/11/22	28/11/22 5/1/23	HK Working Day HK Working Day	440 443	444	0 days 123 days	194 days 33 days 194 days 30 days	0%	NA NA	NA	
_	Open cut pipe laying with concrete surround Mand Shield Fine factors consume to hay Park Read	30 days	9/6/23	15/7/23	HK Working Day	444,462		71 days	71 days 30 days 79 days 314 days	0%	NA NA	NA	
	MTR Consent for Construction of Pit E	0 days	19/5/22	19/5/22	Calendar Day		450	0 days	436 days 0 days	0%	NA	NA	
	MTR Consent for Construction of Pit F MTR Consent for Construction of Pit G	0 days 0 days	1/6/22 6/6/22	1/6/22 6/6/22	Calendar Day Calendar Day		451 452	0 days 0 days	82 days 0 days 418 days 0 days	0%	NA NA	NA	
	Construction of Receiving Pit E Construction of Jacking Pit F	60 days 60 days	19/5/22 1/6/22	29/7/22 11/8/22	HK Working Day HK Working Day	423,425,447 423,425,448	453	355 days 0 days	355 days 60 days 68 days 60 days	0%	NA NA	NA	
	Construction of Receiving Pit G	60 days	6/6/22	15/8/22	HK Working Day	423,425,449		341 days	341 days 60 days	0%	NA	NA	
	Establishment at Pit F Mild Steel Segment Rings (Pit F - Pit E) in Soil Mix (40m; 0.4m/day)	12 days 100 days	12/8/22 26/8/22	25/8/22 23/12/22	HX Working Day HX Working Day	451 453	454 455	0 days 0 days	68 days 12 days 68 days 100 days	0%	NA NA	NA	
	Mild Steel Segment Rings (Pit F - Pit G) in Soil Mix (20m; 0.4m/day) Remove setup including Thrust Wall at Pit F	50 days 12 days	24/12/22 28/2/23	27/2/23 13/3/23	HK Working Day HK Working Day	454 455	456 457	0 days 0 days	68 days 50 days 68 days 12 days	0%	NA NA	NA NA NA	
	Setup for Pipe Laying inside Jacking Pit F	12 days	14/3/23	27/3/23	HK Working Day	456	458	0 days	68 days 12 days	0%	NA.	NA	
	DN900 MS Pipe Laying from Pit F to Pit E (40m) (say 3 days per 4m)	30 days	28/3/23 8/5/23	6/5/23 13/5/23	HK Working Day HK Working Day	457 458	459 460	0 days 0 days	68 days 30 days 68 days 6 days	0%	NA NA	NA	
	Modify Setup for Pipe Laying inside jacking Pit F	6 days											
	Modify Setup for Pipe Laying inside Jacking Pit F 011900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m)	15 days	15/5/23	1/6/23	HK Working Day	459	461	0 days 0 days	68 days 15 days 68 days 3 days	0%	NA.	NA	
	Madify Setup for Pipe Laying inside jacking Pit F 011900 MS Pipe Laying from Pit F to Pit G (20m) (sey 3 days per 4m) Formwork & Setup for Grouting the gap between pipe and Sleeve Grouting Works (20 meter/day)	15 days 3 days 3 days	15/5/23 2/6/23 6/6/23	5/6/23 8/6/23	HK Working Day HK Working Day	459 460 461	461 462 445,464	0 days 0 days	68 days 3 days 68 days 3 days	0% 0%	NA NA		
	Modify Setup for Pipe Laying incide jacking Pit F DRISOD MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the gap between pipe and Sleeve Grouting Works (20 meter/day) Ventical Fipus, Rayawad Pipes & Burted Fipus above M111 Formels (CH.#A1x60 to (H.#A1x10)	15 days 3 days 3 days 856 days	15/5/23 2/6/23 6/6/23 12/11/21	5/6/23 8/6/23 19/7/23	HK Working Day HK Working Day HK Working Day	460 461	462	0 days 0 days EB days	68 days 3 days 68 days 3 days 68 days 495 days	0% 0% #3%	NA NA 12/11/21	NA NA NA	
	Modify Setup for Pipe Laying incide jacking Pit F DH300 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the gap between pipe and Sleeve Grouting Works (20 meter/day) Ventical Fipus, Exposed Pipes & Burled Pipes above MTIT Formels (CH #A1+50 to CH #A2+17) Vertical pipes with Concrete Surround	15 days 3 days 3 days 886 days 33 days	15/5/23 2/6/23 6/6/23 12/11/21 9/6/23	5/6/23 8/6/23 19/7/23 19/7/23	HK Working Day HK Working Day HK Working Day	460	462	0 days 0 days	68 days 3 days 68 days 3 days	0% 0%	NA NA	NA NA	
	Modify Setup for Pipe Laying incide jacking Pit F DRISOD MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the gap between pipe and Sleeve Grouting Works (20 meter/day) Vontoal Fipus, Expand Pipes & Borted Pipes above MITH Tonnels (CH.TA1s60 to (H.TA2s1) Vertical pipes with Concrete Surround Exposed pipes with concrete surround Size Clearance at Storage Fand	15 days 3 days 3 days 856 days 33 days 60 days 3 days	15/5/23 2/6/23 6/6/23 12/11/31 9/6/23 26/2/22 12/11/21	5/6/23 8/6/23 19/7/23 19/7/23 13/5/22 15/11/21	HK Working Day HK Working Day NK Working Day HK Working Day HK Working Day HK Working Day	460 461 462 469 424	452 445,454 467,469	0 days 0 days Ell days 68 days 419 days 0 days	68 days 3 days 68 days 3 days 68 days 305 days 68 days 33 days 68 days 33 days 419 days 60 days 0 days 3 days	0% 0% 83% 0% 67% 100%	NA NA 32/11/21 NA 26/2/22 12/11/21	NA NA NA NA NA 15/11/21	
	Modify Setup for Pipe Laying incide jacking Pit F DNISOD NIS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the gap between pipe and Sleeve Grouting Works (20 meter/day) Varical F pirs, Disposed Pipes & Burice Pipes above ATTE Tonne's (CHTA1s 60 to CHTA2s 21) Vertical pipes with Concrete Surround Exposed pipes with Concrete Surround Site Clearance at Storage Yard Plate Load Tests for Tower P2 at CHTA1s 76	15 days 3 days 3 days 456 days 33 days 60 days	15/5/23 2/6/23 6/6/23 12/11/21 9/6/23 26/2/22	5/6/23 8/6/23 19/7/23 19/7/23 13/5/22	HK Working Day HK Working Day HK Working Day HK Working Day HK Working Day	460 461 462 469	462 445,464 467,469 468	0 days 0 days Elf stays 68 days 419 days	68 days 3 days 68 days 3 days 68 days 405 days 68 days 33 days 68 days 33 days 419 days 60 days	0% 0% 835 0% 67% 100% 100%	NA NA )2/11/21 NA 26/2/22 12/11/21 16/11/21 28/12/21	NA NA NA NA NA 15/11/21 24/1/2/11 25/3/22	
	Modify Setup for Pipe Laying incide jacking Pit F D19300 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for forouting the gap between pipe and Sterve Grouting Works (20 meter/day) Vertical Fipes, (Sayawad Piper & Burled Pipes above MTIII Formels (CH #A1+60 to CH (F-722+7)) Vertical pipes with Concrete surround Styposed pipes with concrete surround Stypo dearance at Storage Yard Plate Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut pipe Ising With concrete surround (CH FA2+75 to CH FA2+04)	15 days 3 days 3 days 33 days 33 days 60 days 3 days 3 days 34 days 72 days 82 days	15/5/23 2/6/23 6/6/23 12/13/31 9/6/23 26/2/22 12/11/21 16/11/21 16/11/21	5/6/23 8/6/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 25/2/22	HK Working Day HK Working Day	460 461 462 469 424 466 467 466	452 445,454 467,469	0 days 0 days EB days 68 days 419 days 0 days 0 days 0 days 0 days 0 days	68 days 3 days 68 days 3 days 68 days 415 days 68 days 415 days 415 days 60 days 0 days 3 days 0 days 3 days 0 days 24 days 0 days 82 days	0% 0% 83% 0% 67% 100% 100% 100%	NA NA 32/31/21 NA 26/2/22 12/11/21 16/11/21 28/12/21 16/11/21	NA NA NA NA NA NA 15/11/21 24/12/21	
	Modify Setup for Pipe Laying incide jacking Pit F DNISOD NIS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pape between pipe and Sleeve Grouting Works (20 meter/day) Ventical Figure, Disposed Pipes & Burited Pipes above MTHE Tonne's (CH FA1+60 to CH FA2+12) Vertical pipes with Concrete Surround Deposed pipes with concrete surround Site Clearance at Storage Yard Flate Load Tests for Tower P2 at CH FA1+76 Open cut pipe laying with concrete surround Open cut pipe laying from CH FA2+60 to CH FA1+76 to CH FA2+04) Open cut pipe laying from CH FA2+60 to CH F80+03 & Connect to DH900SV Chamber	15 days 3 days 3 days 856 days 33 days 60 days 3 days 34 days 72 days 82 days 42 days	15/5/23 2/6/23 6/6/23 13/11/21 9/6/23 26/2/22 12/11/21 16/11/21 26/21/22 26/2/22	5/6/23 8/6/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 25/2/22 20/4/22	HK Working Day HK Working Day	460 461 462 469 424 466 467	462 445,464 467,469 468	0 days 0 days Bit stays 68 days 419 days 0 days 0 days 0 days 0 days 0 days 437 days	68 days 3 days 68 days 3 days 68 days 418 days 68 days 418 days 68 days 33 days 0 days 33 days 0 days 3 days 0 days 34 days 0 days 22 days 0 days 82 days 437 days 42 days	0% 0% 8355 0% 67% 100% 100% 100% 100% 100%	NA NA 32/31/21 NA 26/2/22 12/11/21 16/11/21 26/2/22	NA NA NA NA NA 25/11/21 25/1/22 25/2/22 NA	
	Modify Setup for Pipe Laying Inside jacking Pit F DNI900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sleeve Grouting Works (20 meter/day) Vertical Pipes, Expand Pipes & Burled Pipes above MTH Tunnels (CH FA1+60 to CH FA2+1) Vertical pipes with Concrete Surround Exposed pipes with Concrete Surround Site Clearance at Storage Yard Pitel Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut pipe laying with concrete surround (SLFA1+76 to CH FA2+04) Open cut pipe laying mCh CH FA2+04 CH FA1+76 to CH FA2+04) Open cut pipe laying the CH FA2+04 CH FA1+76 to CH FA2+04)	15 days 3 days 3 days 456 days 33 days 60 days 3 days 34 days 72 days 82 days 42 days 1125 days	15/5/23 2/6/23 6/6/23 12/13/31 9/6/23 26/2/22 12/11/21 16/11/21 16/11/21	5/6/23 8/6/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 25/2/22	HK Working Day HK Working Day	460 461 462 469 424 466 467 466	462 445,464 467,469 468	0 days 0 days EB days 68 days 419 days 0 days 0 days 0 days 0 days 0 days	68 days 3 days 68 days 3 days 68 days 415 days 68 days 415 days 415 days 60 days 0 days 3 days 0 days 3 days 0 days 24 days 0 days 82 days	0% 0% 83% 0% 67% 100% 100% 100%	NA NA 32/31/21 NA 26/2/22 12/11/21 16/11/21 28/12/21 16/11/21	NA NA NA NA NA 15/11/21 24/1/2/11 25/3/22	
	Modify Setup for Pipe Laying Inside jacking Pit F DNSOD MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pape between pipe and Sleeve Grouting Works (20 meter/day) Ventical Figure, Disposed Pipes & Burled Pipes above MTIR Tonne's (CHTA1s 60 to CHTA2s (20 meter/day) Vertical Figure, Disposed Pipes & Burled Pipes above MTIR Tonne's (CHTA1s 60 to CHTA2s (20 meter/day) Vertical Figure, Disposed Pipes & Burled Pipes above MTIR Tonne's (CHTA1s 60 to CHTA2s (20 meter/day) Vertical Figure, Disposed Pipes & Burled Pipes above MTIR Tonne's (CHTA1s 60 to CHTA2s (20 meter) Vertical Figure, Disposed Pipes & Burled Pipes above MTIR Tonne's (CHTA1s 60 to CHTA2s (20 meter) Vertical Figure, Disposed Pipes (20 meter) Vertical Figure, Disposed Pipes above Pipes above Pipes (20 meter) Pipes (20 meter) Disposed Pipes Pipes (20 meter) Inspection Pit Disposed Pipes (20 meter) Inspection Pit Disposed Pipes (20 meter) Inspection Pit Disposed Pipes Pipes (20 meter) Inspection Pit Disposed Pipes (20 meter) Pipes Pipes Pipes (20 meter) Pipes Pipes Pipes Pipes Pipes (20 meter) Pipes Pipes	15 days 3 days 3 days 98 days 98 days 33 days 60 days 34 days 72 days 82 days 42 days 528 days	15/5/23 2/6/23 6/6/23 12/13/21 9/6/23 26/2/22 12/11/21 16/11/21 28/12/21 16/11/21 26/2/22 26/2/23	5/6/23 8/6/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 20/4/22 20/4/22 2/11/19	HK Working Day HK Working Day	460 461 462 469 424 466 467 466 469 123,125	462 445,464 467,469 468	0 days 0 days Ell days 66 days 66 days 0 days	68 days 3 days 68 days 3 days 68 days 33 days 419 days 40 days 0 days 33 days 0 days 30 days 0 days 34 days 0 days 24 days 0 days 22 days 437 days 42 days 0 days 528 days 0 days 528 days	0% 0% 835 0% 67% 100% 100% 100% 100% 100%	NA NA 37/31/21 NA 26/7/22 12/11/21 16/11/21 26/12/1 26/2/22 20/2/18 20/2/18	NA NA NA NA 15/11/21 24/12/21 25/2/22 25/2/22 NA 4/12/21 29/11/19	
	Modify Setup for Pipe Laying Inside jacking Pit F Ott900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the gap between pipe and Sleeve Grouting Works (20 meter/day) Vertical Piper, Dispatch Piper & Burited Pipers above MTHE Tonness (CH FA1+50 to CH FA2+37) Vertical Piper, Dispatch Piper & Burited Pipers above MTHE Tonness (CH FA1+50 to CH FA2+37) Vertical Piper, Dispatch Piper & Burited Pipers above MTHE Tonness (CH FA1+50 to CH FA2+37) Vertical Piper and Charless Storage Tard Piate Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut Pipe laying with concrete surround (CH FA1+76 to CH FA2+04) Open cut Pipe laying from CH FA2+04 to CH FB0+03 & Connect to DH9005V Chamber MicroElaboous Inspection Pit Excavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTBM), CE04, CE05, CE38, CE34) Laison with MTRC for works inside MTH Railway Protection Zone Cavation, Pite Laying, Beschälling and Britostatement (CH. B0+00 182+30)	15 days 3 days 3 days 8 fB days 33 days 60 days 34 days 34 days 72 days 82 days 82 days 1125 days 528 days 1200 days 1 days 1 days	15/5/23 2/6/23 6/6/23 8/2/13/21 2/13/21 26/2/22 22/11/21 16/11/21 26/2/22 20/2/18 20/2/18 23/8/18 5/13/19	5/6/23 8/6/23 19/7/23 13/5/22 15/11/21 24/12/21 25/2/22 20/4/22 4/12/21 29/11/19 4/12/21 5/31/19	HK Working Day HK Working Day NK Working Day HK Working Day KW Working Day Calendar Day Calendar Day	460 461 462 469 424 467 466 466 466 466 469 123,125 123,125 121,137	462 445,464 467,469 468	0 days 0 days Ell stays 66 days 419 days 0 days	68 days 3 days 68 days 3 days 18 days 415 days 68 days 33 days 68 days 33 days 0 days 33 days 0 days 34 days 0 days 72 days 0 days 72 days 0 days 72 days 0 days 42 days 0 days 125 days 0 days 125 days 0 days 1200 days 0 days 1200 days 0 days 1200 days	0% 0% 835 0% 67% 100% 100% 100% 100% 100% 100% 100%	NA NA 32(2)17/21 NA 26/2/22 12/11/21 16/11/21 16/11/21 28/12/21 16/11/21 26/2/22 20/2/18 20/2/18 23/6/38 5/13/199	NA NA NA NA NA 15/11/21 25/12/21 25/2/22 25/2/22 NA 4/12/21 5/11/29	
1	Modify Setup for Pipe Laying Inside jacking Pit F DRISOD MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sterve Grouting Works (20 meter/day) Ventical Pipes, Expand Pipes & Burgled Pipes above MTH Tunnels (EREA1+60 to (ELEA2+1)) Vertical pipes with Concrete Surround Exposed pipes with Concrete surround Site Clearance at Storage Yard Piest Load Tests for Tower P2 Construction footing of Tower P2 at CHEA1+76 Open out pipe laying with concrete surround (CHEA1+76 to CHEA2+04) Open out pipe laying thin concrete surround (CHEA1+76 to CHEA2+04) Open out pipe laying thin concrete surround (CHEA1+76 to CHEA2+04) Open out pipe laying from CHEA2+04 to CHEA0-3 & Connect to DN900SV Chamber Miscelanoous Inspection P1 Excavation for P1 to P14 48 (Wan Po Road (OC & MTBM), CE04, CE05, CE28, CE34)	15 days 3 days 3 days 886 days 886 days 33 days 30 days 3 days 34 days 72 days 82 days 42 days 1125 days 528 days 1200 days	15/5/23 2/6/23 6/6/23 12/13/21 26/2/22 12/13/21 16/11/21 26/2/22 28/12/21 16/11/21 26/2/22 20/2/18 20/2/18 23/8/18	5/6/23 8/6/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 25/2/22 20/4/22 4/12/21	HK Working Day HK Working Day	460 461 462 469 424 466 467 466 469 123,125	462 445,464 467,469 468	0 days 0 days Ell theys 68 days 419 days 0 days	68 days 3 days 68 days 3 days 68 days 34 days 68 days 34 days 68 days 33 days 0 days 30 days 0 days 34 days 0 days 34 days 0 days 24 days 0 days 82 days 0 days 120 days 0 days 528 days 0 days 1200 days	0% 0% 835 0% 67% 100% 100% 100% 100% 100% 100% 100% 10	NA NA 37/31/21 NA 26/2/22 12/11/21 16/11/21 28/12/21 16/11/21 26/2/22 26/2/28 20/2/18 20/2/18	NA NA NA NA NA 15/11/21 24/12/21 25/2/22 25/2/22 NA NA 4/12/21 5/11/19 4/12/21 5/11/19 5/11/19 5/11/19	
Ex	Modify Setup for Pipe Laying Inside jacking Pit F DRISOD NIS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the gap between pipe and Sleeve Grouting Works (20 meter/day) Vertical Figur, Dispatch Pipes & Burice Pipes analose ATTE Tonness (CH FA1+60 to CH FA2+17) Vertical Pipes with Concrete Surround Sposed pipes with concrete surround Ste Clearance at Storage Yard Piate Load Tests for Tower P2 at CH FA1+76 Open cut pipe laying from CH FA2+04 to CH FA1+76 to CH FA2+04) Open cut pipe laying from CH FA2+04 to CH FB0+03 & Connect to DH9005V Chamber MISCCEAROUT Inspection P1 Excavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTSM), CE04, CE05, CE28, CE34) Laison with MTRC for works inside MTR Railway Protection Zone Cavation, Pipe Laying, Book/Milling and Reinstemmer (CH, B0+01 88-159) Section (CH, 80+00 - CH 81+19) Superseded by CE34 Cavation, Pipe Laying, Book/Milling and Reinstemmert (CH, A42+30 to A58:00) Section (CH, 40+00 - CH 81+19) Superseded by CE34 Cavation, Pipe Laying, Book/Milling and Reinsteaded Streets Section (CH, 40+20 - CH A55+42) superseded by CE34	15 days 3 days 3 days 3 days 60 days 60 days 3 days 5 2 days 4 days 5 28 days 1 200 days 5 28 days 1 200 days 1 days 1 days 1 200 days 1 day 1 day 1 day 1 day	15/5/23 2/6/23 6/6/23 12/11/21 9/6/23 26/2/22 12/11/21 16/11/21 26/12/21 16/11/21 26/12/21 20/2/18 23/8/18 5/11/19 30/8/19 11/6/29	5/6/23 8/6/23 39/7/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/11/19 4/12/21 5/11/19 5/11/19 25/9/22 11/6/20	HK Working Day HK Working Day Calendar Day Calendar Day Calendar Day Calendar Day	460 461 462 469 424 467 466 466 466 466 469 123,125 123,125 121,137	462 445,464 467,469 468	0 days 0 days 18 ffays 68 days 68 days 0 days	68 days 3 days 68 days 3 days 68 days 33 days 68 days 33 days 419 days 60 days 0 days 33 days 0 days 34 days 0 days 24 days 0 days 22 days 0 days 22 days 0 days 32 days 0 days 32 days 0 days 32 days 0 days 1200 days 0 days 1200 days 0 days 1200 days 0 days 1 day 0 days 1 day 0 days 1 day	0% 0% 0% 67% 100% 100% 100% 100% 100% 100% 100% 10	NA NA NA 37/31/21 NA 26/7/22 12/11/21 16/11/21 26/2/22 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 21/6/16 5/31/19 10/6/19 10/6/20	NA NA NA NA 15/11/21 24/12/21 25/2/22 25/2/22 NA 4/12/21 20/11/19 4/12/21 5/13/25 5/11/19	
Ex	Modify Setup for Pipe Laying Inside jacking Pit F Diti900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sleeve Grouting Works (20 meter/day) Vertical Piper, Expand Piper & Burit d Piper above MTH Tunnels (EH FA1+60 to (H FA2+17) Vertical Piper, Stopaud Piper & Burit d Piper above MTH Tunnels (EH FA1+60 to (H FA2+17) Vertical Piper Swith Concrete Surround Site Clearance at Storage Yard Piate Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut Pipe laying with concrete surround (CH.FA1+76 to CH.FA2+04) Open cut Pipe laying of Tower P2 at CH FA1+76 to CH.FA2+04) Open cut Pipe laying from CH.FA2+04 to CH.FB4+03 & Connect to DN9005V Chamber Misceliancous Inspection PIt Excavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTBM), CE04, CE05, CE38, CE34) Laison with MTRC for works inside MTH Railway Protection Zone Caration, Pipe Laying, Bachkilling and Reirotatement (CH, 402+30 to A58±00) Section (CH, 40+00 - CH.455+42) superseded by CE38 Caration, Vise Supine, Bachkilling and Reirotatement (CH, 402+30 to A58±00) Section (CH, 40+00 - CH.A55+42) superseded by CE38 & CE50 Nightworks Section (CH.A55+42) to CH.A58+00) superseded by Realignment between Pi Pad Pit A	15 days 3 days 3 days 8 days 8 days 8 days 60 days 3 days 60 days 3 days 8 days 2 days 2 days 2 days 125 days 1200 days 1 day 1 days 1 day 1 days 1 day 1 day 1 day 1 days 1 da 1 da 1 da 1 da 1 da 1 da 1 da 1 da	15/5/23 2/6/23 6/6/23 52/11/21 26/2/23 26/2/22 22/11/21 16/11/21 26/2/22 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18	5/6/23 8/6/23 39/7/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22	HK Working Day HK Working Day Calendar Day Calendar Day Calendar Day HGM Calendar Day HK Working Day	460 461 462 469 424 466 466 466 465 465 123,125 121,137 34	462 445,464 467,469 468	0 days 0 days 18 days 68 days 419 days 0 days	68 days 3 days 68 days 3 days 68 days 415 days 68 days 33 days 69 days 33 days 0 days 419 days 0 days 34 days 0 days 34 days 0 days 24 days 0 days 24 days 0 days 328 days 0 days 528 days 0 days 1 day 0 days 1 day 0 days 1 day 0 days 1 day 328 days 0 days 1 day 0 days 1 day	0% 0% 835 0% 67% 100% 100% 100% 100% 100% 100% 100% 10	NA NA 37/31/21 NA 26/2/22 12/11/21 16/11/21 28/32/21 26/2/22 20/2/18 20/2/18 23/6/18 5/11/9 5/11/9 5/11/9 5/11/9 11/6/20 15/12/20	NA NA NA NA NA NA 15/11/21 24/12/21 25/2/22 25/2/22 NA 4/12/21 4/12/21 5/11/19 5/11/19 5/11/19 1/6/20 NA	
Ex	Modify Setup for Pipe Laying Inside jacking Pit F DR1900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sterve Grouting Works (20 meter/day) Ventical Pipes, Dispared Pipes & Burgled Pipes above MTIR Tunnels (CH FA1+50 to CH FA2+2)) Vertical pipes with Concrete Surround Stee Clearance at Storage Yard Pitet Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut pipe laying with concrete surround (CLFA1+76 to CH.FA2+04) Open cut pipe laying from CH.FA2+04 to CH.FB0+03 & Connect to DH9005V Chamber Miscelanosus Inspection P1 bacavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTBM), CE04, CE05, CE28, CE34) Liston with MTIRC for works inside MTIR Railway Protection Zone Caration, Pipe Laying, Backfilling and Briotatamenet (CLF, 80+00 to 81>19) Section (CH. M0+00 - CH.81>19) Supersoid dby CE34 Ceration, Pipe Laying, Backfilling and Briotatamenet (CLF, 80+01 to A58:00) Section (CH. M0+00 - CH.81>12) Supersoid dby CE34	15 days 3 days 3 days 3 days 60 days 60 days 3 days 5 2 days 4 days 5 28 days 1 200 days 5 28 days 1 200 days 1 days 1 days 1 200 days 1 day 1 day 1 day 1 day	15/5/23 2/6/23 6/6/23 12/11/21 9/6/23 26/2/22 12/11/21 16/11/21 26/12/21 16/11/21 26/12/21 20/2/18 23/8/18 5/11/19 30/8/19 11/6/29	5/6/23 8/6/23 39/7/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 25/3/22 25/3/22 25/3/22 25/3/22 25/11/19 4/12/21 5/11/19 5/11/19 25/9/22 11/6/20	HK Working Day HK Working Day Calendar Day Calendar Day Calendar Day Calendar Day	460 461 462 469 424 466 466 466 465 465 123,125 121,137 34	462 445,464 467,469 468	0 days 0 days 18 ffays 68 days 68 days 0 days	68 days 3 days 68 days 3 days 68 days 33 days 68 days 33 days 419 days 60 days 0 days 33 days 0 days 34 days 0 days 24 days 0 days 22 days 0 days 22 days 0 days 32 days 0 days 32 days 0 days 32 days 0 days 1200 days 0 days 1200 days 0 days 1200 days 0 days 1 day 0 days 1 day 0 days 1 day	0% 0% 0% 67% 100% 100% 100% 100% 100% 100% 100% 10	NA NA NA 37/31/21 NA 26/7/22 12/11/21 16/11/21 26/2/22 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 21/6/16 5/31/19 10/6/19 10/6/20	NA NA NA NA NA 15/11/21 24/12/21 25/2/22 25/2/22 NA NA 4/12/21 5/11/19 4/12/21 5/11/19 5/11/19 5/11/19	
Ex	Modify Setup for Pipe Laying Inside jacking Pit F DR1900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sterve Grouting Works (20 meter/day) Vertical Fytes, Esystead Pipes & Burid & Pipes above MTIR Townels (CH KA1+50 to CH KA2+1) Vertical Pipes, Stynead Pipes & Burid & Pipes above MTIR Townels (CH KA1+50 to CH KA2+1) Vertical pipes with concrete surround Size Clearance at Storage Yard Pitet Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut pipe laying the concrete surround (CH KA1+60 to CH FA2+04) Open cut pipe laying the concrete surround (CH KA1+76 to CH FA2+04) Open cut pipe laying the concrete surround (CH KA1+76 to CH FA2+04) Open cut pipe laying the CH FA2+04 to CH FB0+03 & Connect to DH9005V Chamber Macellanoos Inspection Pit Excavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTBM), CE04, CE05, CE28, CE30 CE30, CE30 Section (CH, A2+10-CH A55+42) superseded by CE34 Cavation, Pipe Laying, Bistikiling and Reinststement (CH, A2+30 to A58+00) Section (CH, A2+10-CH A55+42) superseded by CE34 Cavation, Pipe Laying, Bistikiling and Reinststement (CH, A2+30 to A58+00) Section (CH, A2+10-CH A55+42) superseded by CE34 Cavation, Pipe Laying, Bistikiling and Beinststement (CH, A2+30 to A58+00) Section (CH, A2+10-CH A55+42) superseded by CE34 Cavation Pipe Laying, Bistikiling and Beinststement (CH, A2+30 to A58+00) Section (CH, A2+10-CH A55+42) superseded by CE34 Cavation, Pipe Laying, Bistikiling and Beinststement (CH, A2+30 to A58+00) Section (CH, A2+10-CH A55+42) superseded by CE34 Cavation Pipe Laying, Bistikiling and Piel Y to Pit Pit T Ground Investigation at Pit R Trenchics Verks between Pit P and Pit Y and Pit Y to Pit A Supervised Nightworks	15 days 3 days 3 days 406 days 33 days 60 days 33 days 60 days 34 days 72 days 42 days 11215 days 1200 days	155/5/23 2/6/23 6/6/23 32/11/21 9/6/23 26/2/22 26/2/22 22/11/21 15/11/21 26/2/22 20/2/18 20/2/18 20/2/18 23/8/18 5/31/19 30/2/19 15/12/20 30/7/21	5/6/23 8/6/23 19/7/24 19/7/23 13/5/12/2 13/5/12/21 24/12/21 25/2/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/2/21	HK Working Day HK Working Day Calendar Day Calendar Day Calendar Day Calendar Day Calendar Day HK Working Day HK Working Day	460 461 462 469 424 466 466 466 465 465 123,125 121,137 34	462 445,464 467,469 468	0 days 0 days 18 ffays 68 days 68 days 0 days	68 days 3 days 68 days 3 days 68 days 30 days 68 days 30 days 419 days 40 days 0 days 40 days 0 days 20 days 0 days 22 days 0 days 1 day 20 days 1 day 0 days 1 day 0 days 1 day	0% 0% 0% 67% 100% 100% 100% 95% 100% 100% 100% 100% 100% 100%	NA NA NA 37/31/21 NA 26/7/22 12/11/21 16/11/21 26/2/22 26/2/22 26/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 23/6/18 5/13/19 5/13/19 10/6/20 15/12/20 30/7/21	NA NA NA NA NA 15/11/21 24/13/21 25/12/22 25/2/22 NA 4/12/21 5/13/15 5/11/19 NA 11/6/20 NA	
Ex	Modify Setup for Pipe Laying Inside jacking Pit F Dit900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sterve Grouting Works (20 meter/day) Vertical Pipes, Expand Pipes & Burted Pipes above MTH Tunnels (CH FA1+60 to CH FA2+7) Vertical Pipes with Concrete Surround Exposed pipes with concrete surround Site Clearance at Storage Yard Piate Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut pipe laying with concrete surround (CH FA2+64) Open cut pipe laying from CH FA2+64 to CH FA1+76 to CH FA2+64) Open cut pipe laying from CH FA2+64 to CH FB0+03 & Connect to DN9005V Chamber Miscelanoous Inspection Pit Excavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTBM), CE04, CE05, CE38, CE34) Laison with MTRC for works inside MTR Railway Protection Zone cavation, Pipe Laying, Backfilling and Reintsterment (CH, 80+60 to 83+19) Section (CH, 80+00 - CH A53+42) superseded by CE34 cavation, Pipe Laying, Cantificang and Reintsterment (CH, 80+60 to 83+19) Section (CH, 40+00 - CH A53+42) superseded by CE34 cavation, Pipe Laying, Castfilling and Reintsterment (CH, 80+60 to 83+19) Section (CH, 40+00 - CH A53+42) superseded by CE34 cavation, Pipe Laying, Backfilling and Reintsterment (CH, 40+01 to Pit R B Ph0 - Changing Construction Method and Alignment from Pit P to Pit T Ground Investigation at Pit R Tranchless Works between Pit P and Pit Y and Pit Y to Pit R Superside Nightworks Section (CH, A53+42 to CH A58+00) Section (CH A53+42 to CH	15 days 3 days 3 days 856 days 856 days 33 days 40 days 34 days 42 days 1200 da	15/5/23 2/6/23 6/6/23 32/11/21 9/6/28 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 2	5/6/23 8/6/23 3/9/7/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 22/11/19 4/12/21 5/11/19 4/12/21 5/11/19 26/0/22 11/6/20 26/0/22 23/12/20 26/0/22 23/12/20	HK Working Day HK Working Day	460 461 462 469 424 466 466 466 465 465 123,125 121,137 34	462 445,464 467,469 468 465,470	0 days 0 days 18 mays 68 days 0 days	68 days 3 days 68 days 3 days 68 days 34 days 68 days 34 days 68 days 34 days 0 days 60 days 0 days 34 days 0 days 24 days 0 days 22 days 0 days 22 days 0 days 228 days 0 days 1200	0% 0% 0% 835 0% 67% 100% 100% 100% 100% 100% 100% 100% 10	NA NA NA 37/31/21 NA 26/2/22 12/11/21 28/12/21 28/12/21 26/2/22 20/2/18 20/2/18 23/8/18 5/33/36 5/33/36 5/33/36 5/33/36 5/33/36 10/6/20 18/12/20	NA NA NA NA NA NA NA NA NA 15/11/21 26/12/21 25/2/22 25/2/22 25/2/22 NA A/12/21 5/11/19 5/11/19 5/11/19 5/11/19 5/11/19 0/12/21 5/11/19 0/12/21 0/12/21	
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Superside Nightworks Section (CH, 402+20 CH, 455+20 CH, 455+00) section (CH, 402+20 CH, 455+20 CH, 455+00) section (CH, 402+10 Y to Pit R and Pit Y to Pit R. Superside Nightworks Section (CH, 402+10 Y to Pit R and Pit Y to Pit R. Superside Nightworks Section (CH, 402+10 Y to Pit R and Pit Y to Pit R. Superside Nightworks Section (CH, 4025+20 CH, 455+00) section (CH, 402+10 Y to Pit R Superside Nightworks Section (CH, 402+10 Y to Pit R and Pit Y to Pit R. Superside Nightworks Section (CH, 4025+10 Y to Pit R Superside Nightworks Section (CH, 4025+10 Y to Pit R and Pit Y to Pit R. Superside Nightworks	15 days 3 days 3 days 85k days 85k days 60 days 3 days 60 days 3 days 2 days 22 days 42 days 1205 days 1205 days 1205 days 1205 days 1 day 1 day 1 day 1 day 1 day 3 days 22 days	15/5/23 2/6/23 6/6/23 32/11/21 9/6/23 26/2/22 26/2/22 22/11/21 16/11/21 28/12/21 16/11/21 28/2/22 20/2/18 20/2/18 20/2/18 23/6/18 5/11/19 10/2/20 18/12/20 18/12/20 18/12/20 18/12/20	5/6/23 8/6/23 19/7/24 19/7/23 13/5/12 13/5/12 13/5/12 24/12/21 25/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/4/22 20/7/21 23/12/20 26/6/22 20/9/21	HK Working Day HK Working Day Calendar Day Calendar Day Calendar Day HK Working Day	460 461 462 469 424 466 466 466 465 465 123,125 121,137 34	462 445,464 467,469 468 465,470	0 days 0 days 18 ffays 68 days 68 days 0 days	68 days 3 days 68 days 3 days 68 days 33 days 69 days 33 days 419 days 60 days 0 days 40 days 0 days 24 days 0 days 22 days 0 days 1 day 280 days 1 day 0 days 1 day 282 days 0 days 1 day 0 days 2 days 0 days 1 day 0 days 2 days 0 days 0 days 2 days 0 days 2 days 0 days 0 days 2 d	0% 0% 835 0% 67% 100% 100% 100% 100% 100% 100% 100% 10	NA NA NA NA 26/7/22 12/11/21 16/11/21 26/7/22 26/2/22 26/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/15 20/2/12 20/2/15 20/2/12 20/2/15 20/2/15 20/2/12 20/2/15 20/2/12 20/2/15 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12 20/2/12	NA NA NA NA NA 15/11/21 24/12/21 25/2/22 25/2/22 8/A 4/12/21 3/11/19 4/12/21 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/19 3/11/11/19 3/11/11/19 3/11/11/11/19 3/11/11/11/11/11/11/1	
Ex	Modify Setup for Pipe Laying Inside jacking Pit F DR1900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sterve Grouting Works (20 meter/day) Vertical Fyres, Esystead Pipes & Bioted Pipes above MTIR Townels (CH FA1+50 to CH 522+1) Vertical Fyres, Esystead Pipes & Bioted Pipes above MTIR Townels (CH FA1+50 to CH 522+1) Vertical pipes with concrete surround Exposed pipes with concrete surround Site Clearance at Storage Yard Piret Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut pipe laying from CH FA2+04 to CH 580+03 & Connect to DH9005V Chamber Micellanous Inspection Pit Excavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTISM), CE04, CE05, CE28, CE49 Laiston with MTIR Cfor works inside MTIR Railway Protection Zone Cavation, Pipe Laying, Bastisting and Richostement (CH, 402+00 to 83+19) Section (CH, 402+10 - CH 652+2) soperaded by CE34 Cavation, Pipe Laying, Chat-Statisterson (CH, 402+00 to 645+0) Section (CH, 402+10 - CH 652+2) soperaded by CE34 Cavation, Pipe Laying (Ch 4055+02 to CH 458+00) supervised by Realignment between Pi P and Pit R Pine Changing Construction Method and Alignment from Pit P to Pit T Ground Investigation at Pit R and Pit Y and Pit Y to Pit R Supervised Nightworks Section (CH 4055+02 to CH 458+00) Sit Construction (Pit R 10) Pit Changing Construction Method and Alignment from Pit P to Pit T Ground Investigation at Pit R Trenchicks Works between Pit P and Pit Y and Pit Y to Pit R Supervised Nightworks Section (CH 4055+02 to CH 458+00) Sit Construction (Pit R 10) Pit Changing Construction Method and Alignment from Pit P to Pit T Ground Investigation at Pit R Receiving Pit Y Jacking / Receiving Pit R Issue CE No. 94 - Site Clearance of Affected Trees and Piants for Mainlaying works	15 days 3 days 3 days 856 days 856 days 60 days 60 days 82 days 82 days 82 days 82 days 1125 days 12200 days 1 day 1 day 1 day 1 day 1 day 1 day 1 day 1 day 2 days 3 days 82 days 1200 days 1 day 1 day 2 days 8 d	15/5/23 2/6/23 6/6/23 32/11/21 9/6/28 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 26/2/22 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 21/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/2/20 20/20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 20/20 2	5/6/23 8/6/23 3/9/7/23 19/7/23 13/5/22 15/11/21 24/12/21 25/3/22 22/11/19 4/12/21 5/11/19 4/12/21 5/11/19 26/0/22 11/6/20 26/0/22 23/12/20 26/0/22 23/12/20	HK Working Day HK Working Day	460 461 462 469 424 466 466 466 465 465 123,125 121,137 34	452 445,464 467,469 468 465,470	0 days 0 days 18 mays 68 days 0 days	68 days 3 days 68 days 3 days 68 days 34 days 68 days 34 days 68 days 34 days 0 days 60 days 0 days 34 days 0 days 24 days 0 days 22 days 0 days 22 days 0 days 228 days 0 days 1200	0% 0% 0% 835 845 0% 677% 100% 100% 100% 100% 100% 100% 100% 1	NA NA NA 37/31/21 NA 26/2/22 12/11/21 28/12/21 28/12/21 26/2/22 20/2/18 20/2/18 23/8/18 5/33/36 5/33/36 5/33/36 5/33/36 5/33/36 5/33/36 10/6/20 18/12/20	NA NA NA NA NA 15/11/21 24/12/21 25/12/22 S/2/22 NA 4/12/21 3/13/19 4/12/21 3/13/19 NA 11/6/20 NA 30/7/21 22/12/20 NA	
Ex	Modify Setup for Pipe Laying Inside jacking Pit F DH390 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sleeve Grouting Works (20 meter/day) Vertical Pipes, Expand Pipes & Burted Pipes above MTH Tunners ((H FA1+60 to (H FA2+17)) Vertical Pipes with Concrete Surround Exposed pipes with concrete surround Site Clearance at Storage Yard Plate Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut pipe laying with concrete surround (CLEA1+76 to CH FA2+04) Open cut pipe laying mit concrete surround (CLEA1+76 to CH FA2+04) Open cut pipe laying mit concrete surround (CLEA1+76 to CH FA2+04) Open cut pipe laying from CH FA2+04 to CH FB0+03 & Connect to DN9005V Chamber Miscellandous Inspection Pit Excavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTBM), CE04, CE05, CE28, CE34) Liston with MTRC for works inside MTR Railway Protection Zone cavation, Pipe Laying, Bisckläing and Reinsteatement (CH, 80+00 to 83×19) Section (CH, 40+00 - CH 45+42) to CH 458+00) supersided by CE34 Cavation, Pipe Laying, Bisckläing and Reinsteatement (CH, 40+00 to 63×19) Section (CH, 40+00 - CH 455+42) to CH 458+40) supersided by CE34 Cavation, Pipe Laying, Bisckläing and Reinsteatement (CH, 40+00 to 63×19) Section (CH, 40+00 - CH 455+42) to CH 458+00) supersided by Realignment between Pi P and Art, R PMI - Changing Construction Method and Alignment from Pit P to Pit T Tronchiest Works between Pit P and Pit Y and Pit Y to Pit R. Superside Ngb/Works Section (CH, 42+10 - CH 455+02) to CH 458+00) Section (CH 455+92 to CH 458+00) Section (C	15 days 3 days 3 days 3 days 856 days 33 days 60 days 33 days 60 days 34 days 22 days 1220 days 1220 days 1200 days 12	15/5/23 2/6/23 6/6/23 32/11/21 9/6/23 26/2/23 26/2/22 27/11/21 16/11/21 26/2/22 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 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Ex	Modify Setup for Pipe Laying Inside jacking Pit F DR1900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sterve Grouting Works (20 meter/day) Vertical Pipes, Dispared Pipes & Burled Pipes above MTH Tunnels (CH FA1+50 to CH 542+12) Vertical Pipes with Concrete Surround Size Clearance at Storage Yard Pitet Load Tests for Tower P2 Construction footing of Tower P2 at CH FA1+76 Open cut pipe laying with concrete surround (CH 5A1+76 to CH 5A2+20) Open cut pipe laying from CH FA2+04 to CH 5A1+76 to CH 5A2+04) Open cut pipe laying from CH FA2+04 to CH 5A1+76 to CH 5A2+04) Open cut pipe laying from CH FA2+04 to CH 5A9+03 & Connect to DH9005V Chamber Micelanosus Inspection Pit Excavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTSM), CE04, CE05, CE28, CE4) Laison with MTRC for works inside MTR Railmay Protection Zone Caration, Pipe Laying Instituting and Reinstatement (CH, 402+09 to 843+0) Section (CH 400+0 - CH 81+12) 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Ex	Modify Setup for Pipe Laying Inside jacking Pit F DR1900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sterve Grouting Works (20 meter/day) Vertical Fyres, Esystead Pipes & Bioted Pipes above MTIR Tonnels (CH #A1+50 to CH #A2+13) Vertical Fyres, Esystead Pipes & Bioted Pipes above MTIR Tonnels (CH #A1+50 to CH #A2+13) Vertical Pipes with concrete surround Exposed pipes with concrete surround Site Clearance at Storage Yard Piete Load Tests for Tower P2 Construction footing of Tower P2 at CH #A1+76 Open cut pipe laying from CH #A2+04 to CH #B0+03 & Connect to DH9005V Chamber Micelianous Inspection Pit Excavation for Pit 1 to Pit 48 (Wan Po Road (OC & MTISM), CE04, CE05, CE28, CE49 Laison with MTIR Cfor works inside MTIR Railway Protection Zone Ecvalion, Pipe Laying, Form CH #A2+04 to CH #B0+03 & Connect to DH9005V Chamber Micelianous Laison with MTIR Cfor works inside MTIR Railway Protection Zone Ecvalion, Pipe Laying, Bastidling and Reinstetement (CH, 402+00 to 83+19) Section (CH #A2+10- CH A55+02) supersided by CE34 Caration, Type Laying, Construction Method and Alignment from Pit P to Pit T Ground Investigation at Pit R and Pit Y and Pit Y to Pit R Supervised Nightworks Section (CH #A2+10- CH #A55+02) to CH #A51+00) supervised by Realignment between Pit P and Pit R Pind Pit R Pist Changing Construction Method and Alignment from Pit P to Pit T Ground Investigation at Pit R Issue CE No. 54 - 514 CH arA51+01 Piste Changing Construction Method and Alignment from Pit P to Pit T Ground Investigation at Pit R Issue CE No. 54 - 514 C CH #A51+00 Sit Condition (Pit Y and Pit Y and Pit Y and Pit Y to Pit R Supervised Nightworks Section (CH #A55+21 to CH #A51+00) Sit Condition (Pit Y and Pit Y and Pit Y and Pit Y to Pit R Supervised Nightworks Section (CH #A55+21 to CH #A51+00) Sit Condition (Pit Y and Pit I and Pit Y and Pit Y to Pit R Supervised Nightworks Section (CH #A55+21 to CH #A51+00) Sit Conditoner Pit Y and Pit Y and Pit Y to Pit R Supervised	15 days 3 days 3 days 3 days 856 days 33 days 60 days 3 days 60 days 3 days 126 days 125 days 125 days 125 days 1200 days 1 day 1 day 1 day 1 day 235 days 1 day 1 day 235 days 1 day 1 day 1 day 235 days 1 day 1 day 1 day 235 days 1 day 1 day	15/5/23 2/6/23 6/6/23 5/1/1/21 9/6/23 22/11/21 16/11/21 16/11/21 16/11/21 26/2/22 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 20/2/18 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835 0% 67% 100% 100% 100% 100% 100% 100% 100% 10	NA NA NA NA 27/731/21 NA 26/7/22 12/11/21 16/11/21 26/2/22 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/15 20/7/21 21/12/20 25/6/21 16/7/21 25/6/21 25/6/21 27/7/21	NA NA NA NA NA NA NA NA NA NA NA NA NA N	
Ex	Modify Setup for Pipe Laying Inside jacking Pit F DH390 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) Formwork & Setup for Grouting the pap between pipe and Sterve Grouting Works (20 meter/day) Vertical pipes, Expand Pipes & Build & Pipes above MTH Tunnels (EH FA1 ± 60 to (H ± 872 ± 2)) Vertical pipes with Concrete Surround Exposed pipes with Concrete Surround Site Clearance at Storage Yard Piste Load Tests for Tower P2 Construction footing of Tower P2 at CH.FA1+76 Open cut pipe laying with concrete surround (CL.FA1+76 to CH.FA2+04) Open cut pipe laying with concrete surround (CL.FA1+76 to CH.FA2+04) Open cut pipe laying with concrete surround (CL.FA1+76 to CH.FA2+04) Open cut pipe laying from CH.FA2+04 to CH.FB0+03 & Connect to DN900SV Chamber Miscelanosus Inspection P1 Excavation for PR 1 to Pit 48 (Wan Po Road (OC & MTBM), CE04, CE05, CE28, CE34) Laison with MTRC for works inside MTR Railway Protection Zone Cavation, Pipe Laying, BitsKMIIIng and Reinstatement (CH, 842+04 to AS8+00) Section (CH, 80+00 - CH, 81+19) Superseded by CE34 Caraction, Pipe Laying, BitsKMIIIng and Reinstatement (CH, 842+10 to AS8+00) Section (CH, 80+00 - CH, 81+19) Superseded by CE34 Caraction, Pipe Laying, Construction Method and Alignment from Pit P to Pit T Ground Investigation at PI R Pand Fit R PANI - Changing Construction Method and Alignment from Pit P to Pit T Ground Investigation at PI R Trenchicst Works between Pit P and Pit Y to Pit R Superseded NgNetworks Section (CH, 85+102 - CH, 85+00) Sit Construction (Pit Y and Pit Y and Pit Y to Pit R Supersede NgNetworks Section (CH, 85+102 - CH, 85+00) Sit Construction (Pit Y and Pit Y and Pit Y to Pit R Supersede NgNetworks Section (CH, 85+102 - CH, 85+00) Sit Construction (Pit Y and Pit R B Trenchicst Works between Pit P and Pit Y and Pit Y to Pit R Supersede NgNetworks Section (CH, 85+102 - CH, 85+00) Sit Construction (Pit Y and Pit R) Insue CE No. 54 - Site CLearance of Alfected Trees and Plants for Mainlaying works near Po Hong Road and Ling Hong Road	15 days 3 days 3 days 856 days 856 days 60 days 60 days 82 days 82 days 82 days 82 days 82 days 1220 days 1200 days 1 day 1 day 1 day 1 day 1 day 1 day 1 day 1 day 2 days 3 days 82 days 82 days 1200 days 1 day 1 day 1 day 1 day 1 day 2 days 3 days 1200 days 1 day 1 day 1 day 1 day 2 days 3 days 8 days 1 day 1 day 1 day 2 days 8 days 8 days 1 day 8 days 8 days 1 day 1 day 1 day 2 days 8 days 8 days 1 day 1 day 8 days 8 days 1 day 1 day 8 days 8 days	155/5/23 26/23 26/6/23 27/13/21 9/6/23 26/2/23 26/2/22 22/13/21 16/11/21 16/11/21 26/222 20/2/18 20/2/18 20/2/18 23/8/18 5/13/19 26/3/19 11/6/20 15/12/20 18/12/20 18/12/20 18/12/20 18/12/20 18/12/20	5/6/23 8/6/23 19/7/23 19/7/23 19/7/23 13/5/22 15/11/21 24/12/21 25/2/22 20/4/22 24/12/21 25/11/19 4/12/21 25/11/19 26/0/22 11/6/20 26/0/22 20/7/21 23/12/20 26/0/22 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 20/9/31 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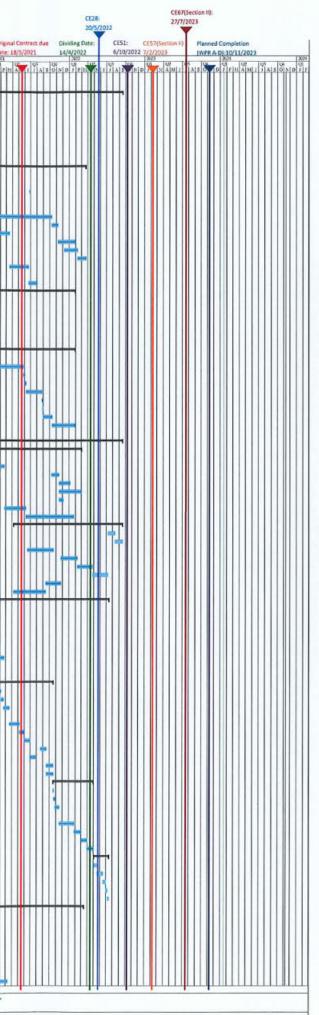


TakNat	14	Duration	Start	Finish	Task Caloniar	Predecessors	Successors	Free Slack	Contract No. 13/WSD/ Total Slack Decision	A Complete	Actual Stan	Artual Finish	272.6 A QL Q2	0 0	2007	01 01	2000	4
13	Grouting Works (30 meter/day)	8 days	10/5/22	18/5/22	HK Working Day	492	494	0 days	324 days 8 days	0%	NA	NA	IN DIFINALS	A J J A S O N	DIFMAM	11 A 5 0 N	DJFSIA	A 31 1
	Pipe Connection Inside Working Pit P Construction of Combined chamber at Pit P	18 days 48 days	19/5/22 10/6/22	9/6/22 5/8/22	HK Working Day HK Working Day	493 494	495 496	O days O days	324 days 18 days 324 days 48 days	0%	NA	NA						117
	Remove ELS including extracting sheet piles at Pit P; Reinstatement	18 days	6/8/22	26/8/22	HK Working Day	495	450	324 days	324 days 18 days	0%	NA	NA						
	Trenchless Works between Pit R and Pit Y and Pipe Installation Establishment at Pit R	10 days	14/8/21	24/2/22 25/8/21	HK Working Day	484	499	0 days	0 days 158 days 0 days 10 days	100%	14/8/21	25/8/21						117
-	Mild Steel Sleeve Pipe in Mix of Soil (26m)(0.8m/day)	35 days	26/8/21	7/10/21	HK Working Day	498	500	0 days	0 days 35 days	100%	26/8/21	7/10/21						
	Remove Setup at Pit R Setup for Pipe Laying inside Jacking Pit R	13 days 12 days	8/10/21 25/10/21	23/10/21 6/11/21	HK Working Day HK Working Day	499 500	501 502	0 days 0 days	0 days 13 days 0 days 12 days	100%	8/10/21 25/10/21	23/10/21 6/11/21						
	DN1200 MS Pipe Laying inside Jacking Pipe (4m per 3 days)	13 days	8/11/21 23/11/21	22/11/21	HK Working Day	501 502	503 504	0 days	O days 13 days	100%	8/11/21	22/11/21						
	Formwork & Setup for Grouting the gap between pipe and Sleeve Grouting Works (30m/day)	3 days 9 days	26/11/21	25/11/21 6/12/21	HK Working Day HK Working Day	503	505,607	0 days 0 days	0 days 3 days 0 days 9 days	100%	23/11/21 26/11/21	25/11/21 6/12/21						
	Pipe Connection Inside Working Pit R CE28 - Trenchless Works near HK Velodrome	14 days 680 days	9/2/22	24/2/22	HK Working Day HK Working Day	504,607	838	0 days	0 days 14 days 420 days 680 days	100%	9/2/22	24/2/22						
	Tendering and Subletting for CE28	99 days	13/1/20	16/5/20	HK Working Day	41	030	0 days	0 days 99 days	100%	13/1/20	16/5/20						
	TTA preparation, SLG meetings, obtain RA and TPRP Approval for CE28 Coordination with LCSD and Notification to District Councillors	128 days 14 days	13/1/20 20/5/20	19/5/20 2/6/20	Calendar Day Calendar Day	41 508	509 510	O days O days	0 days 128 days 0 days 14 days	100%	13/1/20 20/5/20	19/5/20 2/6/20						1
	Forming Temporary Vehicle Access at HK Velodrome	5 days	3/6/20	8/6/20	HK Working Day	509	511	0 days	0 days 5 days	100%	3/6/20	8/6/20						11
1	Tree Transplanting Working & Tree Removal Works at TKO Sport Ground (CE No. 28) Tree Pruning Working for driving Sheetpile at Pit M, Pit N & Pit O	10 days 3 days	9/6/20 20/6/20	19/6/20 23/6/20	HK Working Day HK Working Day	510 511	512 513	0 days 0 days	0 days 10 days 0 days 3 days	100%	9/6/20 20/6/20	19/6/20 23/6/20						
3	Mobilization of Sheet-piles and Driving Machines	7 days	24/6/20	3/7/20	HK Working Day	512	514,519,517	0 days	0 days 7 days	100%	24/6/20	3/7/20						
	Tree Survey along Cycle Track; TPRP Approval; Tree Removal Works along Cycle Tracks under CE28A	120 days	4/7/20	24/11/20	HK Working Day	513		0 days	0 days 120 days	100%	4/7/20	24/11/20						
1	Construction of Jacking / Receiving Pits (L. M, N, O)	180 days	4/7/20	5/2/21	HK Working Day		A DESCRIPTION OF	0 days	0 days 180 days	100%	4/7/20	5/2/21						11
1	Pit L Pit M	90 days 90 days	20/10/20 4/7/20	5/2/21 19/10/20	HK Working Day HK Working Day	517 513	521,567 516,525,521	0 days 0 days	0 days 90 days 0 days 90 days	100%	20/10/20 4/7/20	5/2/21 19/10/20						
	Pit N	90 days	20/10/20	5/2/21	HK Working Day	519	525F5-14 days,529	0 days	0 days 90 days	100%	20/10/20	5/2/21						
	Pit O TBM Sleeve Pipe Jacking from Pit M to Pit L	90 days 59 days	4/7/20	19/10/20	HK Working Day HK Working Day	513	518,529,571 533	0 days 0 days	0 days 90 days 0 days 59 days	100%	4/7/20	19/10/20						
	TBM Establishment at Pit M	15 days	22/3/21	12/4/21	HK Working Day	524,516,517	522	O days	0 days 15 days	100%	22/3/21	12/4/21						
	DN1600 Precast Concrete Sleeve Pipe (Pit M - Pit L) (CH.GA0+09 to CH.GA1+80) in Soil (Sm/day)	38 days	13/4/21	28/5/21	HK Working Day	521	523	O days	0 days 38 days	100%	13/4/21	28/5/21						
	Grouting around Sleeve Pipes & Remove TBM Establishment at Pit M TBM Sleeve Pipe Jacking from Pit M to Pit N	6 days 48 days	29/5/21	4/6/21	HK Working Day	522	521.538	0 days 0 days	0 days 6 days	100%	29/5/21	4/6/21						
	TBM Establishment at Pit M	15 days	21/1/21	6/2/21	HK Working Day	517,518FS-14 days	\$ 526	0 days	0 days 48 days 0 days 15 days	100%	21/1/21	6/2/21						
	DN1600 Precast Concrete Sleeve Pipe (Pit M - Pit N) CH.GA1+86 to CH.GA3+20) in Soil (Sm/day)	27 days	8/2/21	13/3/21	HK Working Day	525	527	0 days	0 days 27 days	100%	8/2/21	13/3/21						
,	(CH.GA1+86 to CH.GA3+20) in Soil (Sm/day)	6 days	15/3/21	20/3/21	HK Working Day	526		0 days	0 days 6 days	100%	15/3/21	20/3/21						
	TBM Sleeve Pipe Jacking from Pit O to Pit N TBM Establishment at Pit O	64 days 14 days	29/6/21	11/9/21	HK Working Day HK Working Day	582,518,519	544 530	0 days	0 days 64 days 0 days 14 days	100%	29/6/21 29/6/21	11/9/21 15/7/21						
	DN1600 Precast Concrete Sleeve Pipe (Pit O - Pit N) (CH.GA3+13 to CH.GA5+08) in	14 days 44 days	16/7/21	4/9/21	HK Working Day HK Working Day	582,518,519 529	530	0 days 0 days	0 days 14 days 0 days 44 days	100%	29/6/21 16/7/21	4/9/21						
	Soil (Sm/day) Grouting around Sleeve Pipes & Remove TBM Establishment at Pit O	6 days	6/9/21	11/9/21	HK Working Day	530		0 days	0 days 6 days	100%	6/9/21	11/9/21						
10	Pipe Laying Inside Sleeve Pipes from Pit M to Pit L	160 days	5/6/21	14/12/21	HK Working Day	Contraction of the	575	D days	0 days 160 days	100%	5/6/21	14/12/21						
	Setup for Pipe Laying (Pit M - Pit L) DN1200 MS Pipe Laying inside Sleeve Pipe (171m-long, 4m per 2 days)	10 days 129 days	5/6/21 18/6/21	17/6/21 19/11/21	HK Working Day HK Working Day	520 533	534 535	O days O days	0 days 10 days 0 days 129 days	100%	5/6/21 18/6/21	17/6/21 19/11/21						
	Formwork, Setup and Annular Grouting ( the gap between Pipes and Sleeve Pipes)	9 days	20/11/21	30/11/21	HK Working Day	534	536	0 days	0 days 9 days	100%	20/11/21	30/11/21						
5	(30m per day) Pipe Connection at Pit L	12 days	1/12/21	14/12/21	HK Working Day	535	550	0 days	0 days 12 days	100%	1/12/21	14/12/21						
1	Pipe Laying Insdie Sleeve Pipes from Pit N to Pit M	107 days	22/3/21	2/8/21	HK Working Day			0 days	0 days 107 days	100%	22/3/21	2/8/21						
5	Setup for Pipe Laying (Pit N - Pit M) DN1200 MS Pipe Laying inside Sleeve Pipe (134m-long, 8m per 3 days)	6 days 51 days	22/3/21 29/3/21	27/3/21 2/6/21	HK Working Day HK Working Day	524 538	539 540	0 days 0 days	0 days 6 days 0 days 51 days	100%	22/3/21 29/3/21	27/3/21 2/6/21						
	Formwork, Setup and Annular Grouting ( the gap between Pipes and Sleeve Pipes)	8 days	3/6/21	11/6/21	HK Working Day	539	541,548	0 days	0 days 8 days	100%	3/6/21	11/6/21						
	(30m per day) Pipe Connection at Pit M	12 days	12/6/21	26/6/21	HK Working Day	540	542	0 days	0 days 12 days	100%	12/6/21	26/6/21						
2	Construction of IT Chamber at Pit M	30 days	28/6/21	2/8/21	HK Working Day	541	551	0 days	0 days 30 days	100%	28/6/21	2/8/21						
a	Pipe Laying Insdie Sleeve Pipes from Pit O to Pit N Setup for Pipe Laying (Pit O - Pit N)	102 days 6 days	13/9/21 13/9/21	15/1/22 18/9/21	HK Working Day HK Working Day	528	545	0 days 0 days	0 days 102 days 0 days 6 days	100%	13/9/21 13/9/21	15/1/22 18/9/21						
	DN1200 MS Pipe Laying inside Sleeve Pipe (195m total, 8m per 3 days) Formwork, Setup and Annular Grouting ( the gap between Pipes and Sleeve	74 days	20/9/21 18/12/21	17/12/21 31/12/21	HK Working Day	544 545	546 547,548	0 days	0 days 74 days	100%	20/9/21	17/12/21						
	Pipes)(30m per day)	10 days			HK Working Day			0 days	0 days 10 days	100%	18/12/21	31/12/21						
8	Pipe Connection at Pit O Pipe Connection at Pit N	12 days 12 days	3/1/22 3/1/22	15/1/22 15/1/22	HK Working Day HK Working Day	546,586 540,546	553 552	0 days 0 days	0 days 12 days 0 days 12 days	100%	3/1/22 3/1/22	15/1/22 15/1/22						
	Reinstatement under CE28	221 days	3/8/21	3/5/22	HK Working Day	and the second s		420 days	420 days 221 days	92%	3/8/21	NA						
	Remove ELS including extracting sheet piles at Pit L; Reinstatement of Cycle Track and planter	24 days	15/12/21	14/1/22	HK Working Day	536	554	0 days	0 days 24 days	100%	15/12/21	14/1/22						
	Remove ELS including extracting sheet piles at Pit M; Reinstatement of Cycle Track	24 days	3/8/21	30/8/21	HK Working Day	542	554	0 days	0 days 24 days	100%	3/8/21	30/8/21						
	and planter Remove ELS including extracting sheet piles at Pit N; Reinstatement of Cycle Track	24 days	17/1/22	16/2/22	HK Working Day	548	554	0 days	0 days 24 days	100%	17/1/22	16/2/22						
3	and planter Remove ELS including extracting sheet piles at Pit O; Reinstatement of Cycle Track	in the second			a second and													
2	and planter	za cays	17/1/22	16/2/22	HK Working Day	547		0 days	0 days 24 days	100%	17/1/22	16/2/22						
	Reinstament of Cycle Track and Temporary Access Road CESO - Realignment of Water Mains at the Junction of WPR and PYP and the Junction of	60 days	17/2/22	3/5/22	HK Working Day HK Working Day	550,551,552	535	420 days	420 days 60 days	80%	17/2/22	NA						11
	PHR and PSR	184.301	a materia	C. Contractor	A CONTRACTOR AND AND			0 days	0 days 795 days		10/8/19	14/4/22				TIT		T
	Tendering and Subletting for CES0 TTA preparation, SLG meetings, obtain RA for CES0	60 days 60 days	11/6/20 11/6/20	21/8/20 21/8/20	HK Working Day HK Working Day	53 53	558,559	0 days 0 days	0 days 60 days 0 days 60 days	100%	11/6/20 11/6/20	21/8/20 21/8/20						
	Forming temporary Vehicle Access for Pit P	21 days	22/8/20	15/9/20	HK Working Day	557	561	0 days	0 days 21 days	100%	22/8/20	15/9/20						
	TTA Implement for Po Yap Load Roundabout Trial Pit Excavation at Pit K	14 days 16 days	22/8/20 8/9/20	7/9/20 25/9/20	HK Working Day HK Working Day	557 559	560 564	0 days 0 days	0 days 14 days 0 days 16 days	100%	22/8/20 8/9/20	7/9/20 25/9/20						
	Trial Pit Excavation at Pit P	3 days	16/9/20	18/9/20	HK Working Day	558	565	0 days	0 days 3 days	100%	16/9/20	18/9/20						
	MTR's Approval for Trenchless Works from Pit L to Pit K Construction of Jacking / Receiving Pits (K and P)	26 days 66 days	11/6/20	13/7/20	HK Working Day			0 days	0 days 26 days 0 days 56 days	100%	11/6/20	13/7/20 8/12/20						1
	Pit K	60 days	26/9/20	8/12/20	HK Working Day	560	567	0 days	0 days 60 days	100%	26/9/20	8/12/20						11
	Pit P Hand Shield Tunnelling (Pit K to Pit L)	60 days	19/9/20	1/12/20	HK Working Day	561	571	0 days	0 days 60 days	100%	19/9/20	1/12/20						11
	Establishment at Pit K	15 days	6/2/21	26/2/21	HK Working Day		568	0 days 0 days	0 days 58 days 0 days 15 days	100%	6/2/21 6/2/21	5/5/21 26/2/21						11
		47 days	27/2/21 28/4/21	27/4/21 5/5/21	HK Working Day HK Working Day	567	569	0 days	0 days 47 days	100%	27/2/21	27/4/21						11
	TBM Pipe Jacking (Pit P to Pit O)	6 days 406 days	10/8/19	18/12/20	HK Working Day	- Approximation	583	0 days 0 days	0 days 6 days 0 days 406 days	100%	28/4/21	5/5/21 18/12/20					++++	++
		15 days 45 days	2/12/20 28/2/20	18/12/20 24/4/20	HK Working Day HK Working Day	565,519 45		0 days 0 days	0 days 15 days 0 days 45 days	100%	2/12/20	18/12/20 24/4/20						
6	Remove setup including thrust wall at Pit P	45 days 6 days	10/8/19	16/8/19	HK Working Day HK Working Day	45 6		0 days 0 days	0 days 45 days 0 days 6 days	100%	28/2/20 10/8/19	24/4/20 16/8/19						11
	Pipe Laying Inside Sleeve Pipes from Pit K to Pit L	97 days 6 days	15/12/21	14/4/22 21/12/21	HK Working Day HK Working Day	532,566	576	0 days	0 days 97 days	100%	15/12/21	14/4/22 21/12/21						11
	DN1200 MS Pipe Laying inside Jacking pipe (56m) (4m per 3 days)	42 days	22/12/21	15/2/22	HK Working Day	575	577	0 days	0 days 6 days 0 days 42 days	100%	15/12/21 22/12/21	15/2/22						
	Formwork & Setup for Grouting the gap between pipe and Sleeve pipe	3 days 2 days	16/2/22 19/2/22	18/2/22 23/2/22	HK Working Day HK Working Day	576 577	578 579	0 days	0 days 3 days	100%	16/2/22	18/2/22						
	Pipe Connection Inside Pit L	7 days	22/2/22	1/3/22	HK Working Day	578	580	0 days 0 days	0 days 2 days 0 days 7 days	100%	19/2/22 22/2/22	21/2/22 1/3/22						11
	Construction of Combined Inspection Tee and Washout Chamber (Type I) Remove ELS including extracting sheet piles at Pit K; Reinstatement of Cycle Track	30 days 7 days	2/3/22 7/4/22	6/4/22 14/4/22	HK Working Day HK Working Day	579 580	581	0 days	0 days 30 days	100%	2/3/22	6/4/22						11
	and planter	losse en	2521100	1.000		200		0 days	0 days 7 days		7/4/22	14/4/22						
		151 days 6 days	19/12/20	28/6/21 28/12/20	HK Working Day HK Working Day	570	529 584	0 days 0 days	0 days 151 days	100%	19/12/20	28/6/21 28/12/20						
	DN1200 MS Pipe Laying inside jacking pipe (200m) (8m per 3 days)	75 days	29/12/20	30/3/21	HK Working Day	583	585	0 days	0 days 6 days 0 days 75 days	100%	19/12/20 29/12/20	30/3/21						
		3 days 7 days	31/3/21 8/4/21	7/4/21 15/4/21	HK Working Day HK Working Day	584 585	586 547,587	0 days 0 days	0 days 3 days 0 days 7 days	100%	31/3/21 8/4/21	7/4/21						
	Pipe Connection and Construction of Combined Inspection and Washout Chamber	60 days	16/4/21	28/6/21	HK Working Day	586	a to partie	0 days	0 days 7 days 0 days 60 days	100%	8/4/21 16/4/21	28/6/21						
	Type II at Pit P	1298 days	28/2/19	17/9/22	Catendar Day			383 days	383 days 1298 days	93%	28/2/19							44
E Ex	cavation, Pipe Laying, Backfilling and Reinstatement (CH. ASE+60 to AR3+76 and CH.				the second second			202 0222	and only reap only		2014113	105		111111		TITT		TT



p Ta	l.Nime	Derition	Stan	Finish	Tail Calendar	Predecesters	Satures	Fast Slack	Total Slack Decision	% Complete	Artuil Start	Acut Fieich	225 229 229 239 239 239 239 239 239 239 239	142
89	CE10 - Contractor's Design of The Realignments	1 day	28/2/19	28/2/19	Calendar Day	20		0 days	0 days 1 day	100%	28/2/19	28/2/19	ว้ายหลังบาวัลเรอังเอวัยหลังบาวัลเรอังเอวัย	AN
590 591	CE51 - Realignment of Water Main in Tsui Lam Section	1 day 706 days	3/8/20	3/8/20	Calendar Day HK Working Day	59	a la sua a sua	0 days 310 days	0 days 1 day 310 days 706 days	100%	3/8/20	3/8/20 NA		
592	Material Procurement for CE51 (Including Additional DN800 M.S. Pipe, EMF and BV)	90 days	3/8/20	18/11/20	HK Working Day	59		0 days	0 days 90 days	100%	3/8/20	18/11/20		
593 594	TTA preparation, SLG meetings, obtain RA Tendering and Subletting (Batch 1 - Mau Wu Tsai Abandoned Road)	45 days 30 days	3/8/20 3/8/20	23/9/20 5/9/20	HK Working Day	59 59	597	0 days	0 days 45 days	100%	3/8/20 3/8/20	23/9/20 5/9/20		
595	Tendering and Subletting (Batch 2 - Po Lam Road South to Location A)	30 days	3/8/20	5/9/20	HK Working Day HK Working Day	59	597	0 days 0 days	0 days 30 days 0 days 30 days	100%	3/8/20	5/9/20		
596	Tendering and Subletting (Batch 3 - Location A to TKOPFWSR)(Excluding Piling Works)	30 days	3/8/20	5/9/20	HK Working Day	59	597,703,705,706	0 days	0 days 30 days	100%	3/8/20	5/9/20		
597 598	Mobilization and Setup & Preliminary Works	14 days	7/9/20	22/9/20	HK Working Day	594,595,595	605,612,613,614	0 days	0 days 14 days	100%	7/9/20	22/9/20		
599	Batch 1 - Mau Wu Tsai Abandonnd Road Issue EWN No. 241 for Tree Issue for Changing Trenchless (Pit S to Pit T) to Open Cut	Statements and	22/9/20 24/11/20	22/3/22 24/11/20	HK Working Day Calendar Day		\$10	0 days 0 days	0 days 413 days 0 days 1 day	100%	22/9/20 24/11/20	22/3/22 24/11/20		
600	at Control Site (CS-108) Issue CE No. 121 - Non-explosive agent in Abandoned Road Near Mau Wu Tsai Villag	c1 day	25/6/21	25/6/21	Calendar Day			0 days	0 days 1 day	100%	25/6/21	25/6/21		
601	Issue CE No. 70 - Landscaping Survey near Mau Wu Tsai Village	1 day	22/9/20	22/9/20	Calendar Day		1000	0 days	0 days 1 day	100%	22/9/20	22/9/20		
602 603	Issue CE No. 86 - Tree Affected in Mainlaying Works near Mau Wu Tsal Village Tree survey, TPRP Submission and Receiving TPRP approval	1 day 295 days	12/10/20 12/10/20	12/10/20 9/10/21	Calendar Day HK Working Day	602	603 604,632	0 days 0 days	0 days 1 day 0 days 295 days	100%	12/10/20 12/10/20	12/10/20 9/10/21		
4 604 5 605	Mobilization and Tree Removal	23 days	11/10/21	6/11/21	HK Working Day	603	606	0 days	0 days 23 days	100%	11/10/21	6/11/21		
606	CH.HA0+80 to HA3+17 OC Open Cut, CH.HA3+17 - CH.HA3+79	141 days 66 days	23/9/20 8/11/21	16/3/21 26/1/22	HK Working Day HK Working Day	597 604	609	0 days 0 days	0 days 141 days 0 days 66 days	100%	23/9/20 8/11/21	16/3/21 26/1/22		
607 608	Open Cut, CH.HA0+28 - CH.HA0+48 with DAV Chamber (Connecting to Pit R)	49 days	7/12/21	8/2/22	HK Working Day	504,610	505,608	0 days	0 days 49 days	100%	7/12/21	8/2/22		
609	Construction of DN900 Valve Chamber with by-pass at CH.HA0+44 Open Cut, CH.HA0+48 - CH.HA 1+20 OC with DN600 IT Chamber (Connecting to	36 days 75 days	9/2/22 17/3/21	22/3/22 19/6/21	HK Working Day HK Working Day	607 605	610	0 days 0 days	0 days 36 days 0 days 75 days	100%	9/2/22 17/3/21	22/3/22 19/6/21		
610	CH.HA0+80) Construction of Wash Out Chamber & Reserved Tee at CH.HA0+49	36 days	21/6/21	2/8/21	HK Working Day	609	607	0 days	0 days 36 days	100%	21/6/21	2/8/21		
611	Batch 2 - Po Lam Road South to Location A	401 days	23/9/20	29/1/22	HK Working Day	In the second second	840	0 days	0 days 401 days	100%	23/9/20	29/1/22		
612	Trial Pit Excavations at Pit W Trial Pit Excavations at Pit X	14 days 14 days	23/9/20 23/9/20	10/10/20 10/10/20	HK Working Day HK Working Day	597 597	616 617	0 days 0 days	0 days 14 days 0 days 14 days	100%	23/9/20 23/9/20	10/10/20		
614 615	CH.HA3+75 to HA5+55 OC (Depth < 2.5m, each stage of TTA 24-30m long)	1 day	23/9/20	23/9/20	HK Working Day	597		0 days	0 days 1 day	100%	23/9/20	23/9/20		
5 515	Construction of Pits (W and X) Pit W	60 days 60 days	12/10/20	21/12/20 21/12/20	HK Working Day HK Working Day	612	619	0 days 0 days	0 days 60 days 0 days 60 days	100%	12/10/20 12/10/20	21/12/20 21/12/20		
517	Pit X	60 days	12/10/20	21/12/20	HK Working Day	613	619	0 days	0 days 60 days	100%	12/10/20	21/12/20		
619	Hand shield Tunnelling and Pipe Installation (Pit W to Pit X) Establishment at Pit W	327 days 14 days	22/12/20 22/12/20	29/1/22 9/1/21	HK Working Day HK Working Day	616,617	620	0 days 0 days	O days 327 days O days 14 days	100%	22/12/20 22/12/20	29/1/28 9/1/21		
620	Jacking Segmental Sleeve Pipe in Mix of Soil & Rock (0.8m /day) Remove Setup including Thrust Wall at Pit X	107 days 6 days	11/1/21 26/5/21	25/5/21 1/6/21	HK Working Day HK Working Day	619 620	621 622	0 days 0 days	0 days 107 days 0 days 6 days	100%	11/1/21 26/5/21	25/5/21 1/6/21		
2 622	Setup for Pipe Laying inside Jacking Pit X	6 days	2/6/21	8/6/21	HK Working Day	621	623	0 days	0 days 6 days	100%	2/6/21	8/6/21		
3 623 4 624		64 days 3 days	9/6/21 25/8/21	24/8/21 27/8/21	HK Working Day HK Working Day	622 623	624 625	0 days 0 days	0 days 64 days 0 days 3 days	100%	9/6/21 25/8/21	24/8/21 27/8/21		
625	Grouting Works (30m per day)	2 days	28/8/21	30/8/21	HK Working Day	624	625	0 days	0 days 2 days	100%	28/8/21	30/8/21		
626	Open Cut, connecting CH. HA5+55 to DN1200 pipe end at Pit W Open Cut, connecting CH. HA6+60 to DN1200 pipe end at Pit X with DN900 H.5.V.	35 days 90 days	31/8/21 13/10/21	12/10/21 29/1/22	HX Working Day HX Working Day	625 626	627	0 days 0 days	0 days 35 days 0 days 90 days	100%	31/8/21 13/10/21	12/10/21 29/1/22		
	Chamber		1.22.20.000	a strategy		1	-			10000				11
629	Batch 3 - Location A to TROPFWSR Open Trench Pipe Laying at Po Lum Road (West Bound)	706 days 422 days	5/5/20 20/7/20	17/9/22 1/3/22	HK Working Day None		840	310 days 0 days	310 days 706 days 0 days 422 days	915	5/5/20 20/7/20	1/3/22		
0 630 1 631	Issue CE No. 68 - TIA for TTA at Po Lam Road	1 day	20/7/20 20/7/20	20/7/20	HK Working Day	630	631 636	0 days	0 days 1 day	100%	20/7/20 20/7/20	20/7/20		
2 632		177 days 29 days	11/10/21	20/2/21 13/11/21	HK Working Day HK Working Day	603	633,634,635	0 days 0 days	0 days 177 days 0 days 29 days	100%	11/10/21	20/2/21 13/11/21		
633	Construction of DAV Chamber at Pit X Open Cut, fromt Pit X, CH.HA6+00 - CH.HA6+54	41 days 86 days	15/11/21 15/11/21	4/1/22	HK Working Day HK Working Day	632 632		0 days 0 days	0 days 41 days	100%	15/11/21 15/11/21	4/1/22		
635	Construction of DN900 Valve Chamber and By Pass Pipes	17 days	15/11/21	3/12/21	HK Working Day	632		0 days	O days 86 days O days 17 days	100%	15/11/21	3/12/21		
636 637	Open Cut, CH.HA6+54 to CH.HA7+24 (Portion D2) with SACP Open Cut, CH.HA7+24 - CH.HA7+61/CH.HB0+00 Excavation in Rock	85 days 189 days	22/2/21 8/6/21	7/6/21 22/1/22	HK Working Day HK Working Day	631 636	637	0 days 0 days	0 days 85 days 0 days 189 days	100%	22/2/21 8/6/21	7/6/21		
638	Open Trench Pipe Laying at Po Lam Road (East Bound)	431 days	8/4/21	17/9/22	HK Working Day		840	0 days	306 days 431 days	76%	8/4/21	NA		
9 639 0 640	Open Cut, CH.HCO+00 - CH.HCO+08; Connecting to CH.HB Open Cut, CH.HCO+08 - CH.HCO+12	30 days 30 days	9/7/22 13/8/22	12/8/22 17/9/22	HK Working Day HK Working Day	676,644 676,639	640	0 days 306 days	306 days 30 days 306 days 30 days	0%	NA	NA		
641	Open Cut, CH.HCO+12 - CH.HCO+97 with SACP	104 days	16/6/21	19/10/21	HK Working Day		642	0 days	0 days 104 days	100%	16/6/21	19/10/21		
642 643	Open Cut, CH.HC0+97 - CH.HC1+56(Portion 84) with SACP Open Cut, CH.HC1+56 - CH.HC2+04	62 days 60 days	23/11/21 10/2/22	9/2/22 25/4/22	HK Working Day HK Working Day	641,645 642	643 644	0 days 0 days	0 days 62 days 306 days 60 days	100%	23/11/21 10/2/22	9/2/22 NA		
4 644 5 645	Open Cut, CH.HC2+04 - CH.HC2+70 with SACP	60 days	26/4/22	8/7/22	HK Working Day	643	639	0 days	306 days 60 days	0%	NA	NA		
646		58 days 131 days	13/9/21 8/4/21	22/11/21 11/9/21	HK Working Day HK Working Day	646	642 645	0 days 0 days	0 days 58 days 0 days 131 days	100%	13/9/21 8/4/21	22/11/21 11/9/21		
647		651 days	5/5/20	14/7/22	HK Working Day		540	55 days	361 days 651 days	93N	5/5/20	NA		1H
8 648	CESS - Design Submission for Water Main Structure and Associated Pipe Support	30 days	5/5/20	8/6/20	HK Working Day	48	649	0 days	O days 30 days	100%	5/5/20	8/6/20		
649	across the Natural Stream Course WSD & GEO Review and Approval	60 days	9/6/20	19/8/20	HK Working Day	648	650,651	0 days	0 days 60 days	100%	9/6/20	19/8/20		
650	TTA preparation, SLG meetings, obtain RA	60 days	20/8/20	31/10/20	HK Working Day	649		0 days	0 days 60 days	100%	20/8/20	31/10/20		
652	Tender and Subletting for Mini-piles, Construction Pile Caps and Piers Material procurement referring to Approved Design Submission	60 days 90 days	20/8/20 2/11/20	31/10/20 20/2/21	HK Working Day HK Working Day	649 651	652 659,670	0 days 0 days	0 days 60 days 0 days 90 days	100%	20/8/20 2/11/20	31/10/20 20/2/21		
653 654	CE No.85 - Affected Trees across the Natural Stream Course at Tsul Lam Location A	1 day	28/10/20	28/10/20	Calendar Day		654	0 days	0 days 1 day	100%	28/10/20	28/10/20		
655	East Portion - Foundation Works (PC-C1, PC-T1 & PC-P1)	60 days 228 days	28/10/20 9/1/21	8/1/21 18/10/21	HK Working Day HK Working Day	653	656	0 days 0 days	0 days 60 days 0 days 228 days	100%	28/10/20 9/1/21	8/1/21 18/10/21		
656 657		24 days 7 days	9/1/21 6/2/21	5/2/21 17/2/21	HK Working Day HK Working Day	654 656	657 658	0 days	0 days 24 days	100%	9/1/21	5/2/21		
657 8 658	Pre-drilling works (PD6, PD7 & PD8) & confirmation of rock head and depth of		6/2/21 18/2/21	17/2/21 18/3/21	HK Working Day HK Working Day	656	659	0 days 0 days	0 days 7 days 0 days 25 days	100%	6/2/21 18/2/21	17/2/21 18/3/21		
659	mini-pile Mobilization and Driving Dia, 323mm steel Casting (14 nos)	38 days	19/3/21	7/5/21	HK Working Day	658,652	660	0 days	0 days 38 days	100%	19/3/21	7/5/21		
660	Cleaning, Insert TSD reinforcement and Grouting	18 days	8/5/21	29/5/21	HK Working Day	659	661	0 days	0 days 18 days	100%	8/5/21	29/5/21		
661 662		24 days 24 days	31/5/21 20/8/21	28/6/21 16/9/21	HK Working Day HK Working Day	660 693	663,665 664,655	0 days 0 days	0 days 24 days 0 days 24 days	100%	31/5/21 20/8/21	28/6/21 16/9/21		
663	Construction Pile Caps (T1) with Piers	24 days	29/6/21	27/7/21	HK Working Day	661	675	0 days	0 days 24 days	100%	29/6/21	27/7/21		
664 665		24 days 24 days	17/9/21 17/9/21	18/10/21 18/10/21	HK Working Day HK Working Day	662 661,662	675 666,667,675	0 days 0 days	0 days 24 days 0 days 24 days	100%	17/9/21 17/9/21	18/10/21 18/10/21		
656	West Portion - Foundation Works (PC-P2, PC-P3 & PC-C2)	157 days	19/10/21	30/4/22	HK Working Day	665	Alexandra and	0 days	0 days 157 days	100%	19/10/21	30/4/22		
668		3 days 5 days	19/10/21 22/10/21	21/10/21 27/10/21	HK Working Day HK Working Day	665 667	668	0 days 0 days	0 days 3 days 0 days 5 days	100%	19/10/21 22/10/21	21/10/21 27/10/21		
659	Pre-drilling works (PD1, PD2, PD3, PD4 & PD5) & confirmation of rock head and		28/10/21	15/11/21	HK Working Day	668	670	0 days	0 days 16 days	100%	28/10/21	15/11/21		
670		58 days	15/11/21	25/1/22	HK Working Day	669,652	671	0 days	0 days 58 days	100%	16/11/21	25/1/22		
671 672		27 days 24 days	26/1/22 2/3/22	1/3/22 29/3/22	HK Working Day HK Working Day	670 671	672 673	0 days 0 days	0 days 27 days 0 days 24 days	100%	26/1/22 2/3/22	1/3/22 29/3/22		
673	Construction Pile Caps (P2, P3 & C2) with Piers	24 days	30/3/22	30/4/22	HK Working Day	672	675	0 days	0 days 24 days	100%	30/3/22	30/4/22		
674 675		60 days 12 days	3/5/22 3/5/22	14/7/22	HK Working Day HK Working Day	663,664,665,673	676	325 days O days	325 days 60 days 325 days 12 days	0%	NA NA	NA		
676	Pipe Installation / Welding / Testing / Painting	24 days	18/5/22	15/6/22	HK Working Day	675	677,639,640	0 days	325 days 24 days	0%	NA	NA		
677		12 days 6 days	16/6/22 30/6/22	29/6/22	HK Working Day HK Working Day	676 677	678 679	0 days 0 days	361 days 12 days 361 days 6 days	0%	NA NA	NA		
679	Remove Temporary Working Platform	6 days	8/7/22	14/7/22	HK Working Day	678		361 days	361 days 6 days	0%	NA	NA		
680	Water Muin Structure and Associated Pipe Support from Po Lam Road to Tsui Lam Road (CH. HDD+00 ** 1+00)	518 days	16/6/20	14/3/22	HK Working Day		B40	0 days	0 days 518 days	100N	16/6/20	14/3/22		
681	CE62 - Design Submission for Water Main Structure and Associated at Tsui Lam	30 days	16/6/20	22/7/20	HK Working Day	54	682	O days	0 days 30 days	100%	16/6/20	22/7/20		
682	(Location B) WSD & GEO Review and Approval	60 days	23/7/20	30/9/20	HK Working Day	681	683,684,685,685	O days	0 days 60 days	100%	23/7/20	30/9/20		111
683	TTA preparation, SLG meetings, obtain RA	60 days	3/10/20	12/12/20	HK Working Day	682		0 days	0 days 60 days	100%	3/10/20	12/12/20		
685		60 days 90 days	3/10/20 3/10/20	12/12/20 20/1/21	HK Working Day HK Working Day	682 682	687,688 687	O days O days	0 days 60 days 0 days 90 days	100%	3/10/20 3/10/20	12/12/20 20/1/21		
686	Tree survey, TPRP approval and Tree Removal Works	60 days	3/10/20	12/12/20	HK Working Day	682	687,688	O days	0 days 60 days	100%	3/10/20	12/12/20		
687	Obtain RA for TTA implement	38 days	21/1/21	9/3/21	HK Working Day	686,685,684		0 days	0 days 38 days	100%	21/1/21	9/3/21		117

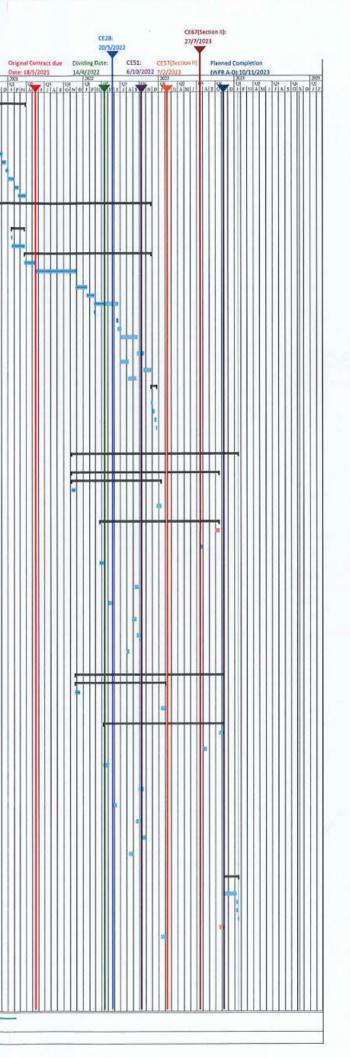
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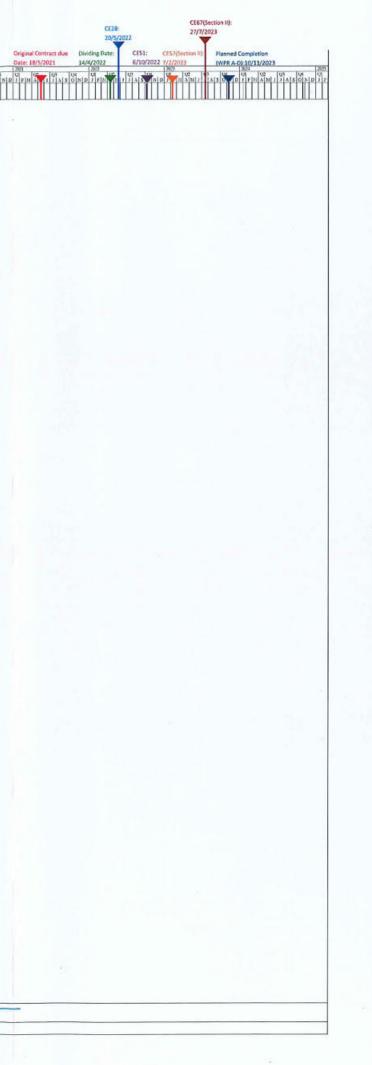
D Tak	kize	Dertra	Sun	Baik	Taux Calendar	Pheleceson	Successor	Pier Stad.	Toul Slick Dava		aying in Tseung Kwar 1e Adul Stat	Arnol Finish	22.8	105 114	289	g los to	4 Ut 10	17
88	Site Clearance and Mobilization	69 days	14/12/20	10/3/21	HK Working Day	686,684	690	0 days	0 days 69 da	100%	14/12/20	10/3/21	ED FEMALS	IT TAIS OS	ED FMA	MJJASO	NDIFNA	M
89 90	Mini-pile Foundation Works	239 days	11/3/21	29/12/21	HX Working Day	a la como	A STATE OF THE OWNER	0 days	0 days 239 d	iays 100%	11/3/21	29/12/21						11
	Erect Temporary Timber Platform for Piling Works Pre-drilling works & confirmation of rock head and depth of mini-pile	25 days 40 days	11/3/21 14/4/21	13/4/21 1/6/21	HK Working Day HK Working Day	688 690	691 692	0 days 0 days	0 days 25 da 0 days 40 da		11/3/21 14/4/21	13/4/21 1/6/21						
E	Mobilization and Driving Dia. 273mm steel Casting (18 nos)	48 days	2/6/21	29/7/21	HK Working Day	691	693	0 days	0 days 48 da	ys 100%	2/6/21	29/7/21						
	Cleaning, Insert T50 reinforcement and Grouting	18 days 36 days	30/7/21	19/8/21	HK Working Day	692 693	662,694 695	0 days 0 days	0 days 18 da 0 days 36 da		30/7/21 20/8/21	19/8/21 2/10/21						
-	Setup and Loading Test of Mini-Pile Construction Pile Caps (PC-C, PC-P1, PC-P2, PC-P3 & PC-T) and Piers (P1, P2 &	36 days 72 days	20/8/21 4/10/21	2/10/21 29/12/21	HK Working Day HK Working Day	693 694	695 697	0 days 0 days	0 days 36 di 0 days 72 di		4/10/21	2/10/21 29/12/21						
	P3)	STATISTICS.	a waxaa a	100000000		1		- Constant	0.000.000	0.00 SALCONA.S	A STREET							
and the second	Pipelaying on Mini-pile Foundation Temporary Working Platform for Pipe Installation	60 days 12 days	30/12/21 30/12/21	14/3/22	HK Working Day HK Working Day	695	678	0 days 0 days	0 days 60 da 0 days 12 da		30/12/21 30/12/21	14/3/22 13/1/22						L
	Pipe Installation / Welding / Testing / Painting (~115m)	24 days	14/1/22	14/2/22	HK Working Day	697	699	0 days	0 days 24 di		14/1/22	14/2/22						L
	Concrete Hunching	12 days	15/2/22	28/2/22	HK Working Day	698	700 701	0 days	0 days 12 da		15/2/22 1/3/22	28/2/22						
	Apply top coating of aliphatic polyurethane on site Remove Temporary Working Platform	6 days 6 days	1/3/22 8/3/22	7/3/22 14/3/22	HK Working Day HK Working Day	699 700	701 708	0 days 0 days	0 days 6 day 0 days 6 day		8/3/22	7/3/22 14/3/22						
	From Tsul Lam Road to TKO Freshwater FSR (CH. HE.O+OD ~ CH. HEZ+11) &	692 days	6/9/20	29/7/22	Calendar Day			433 days	433 days 692 d		6/9/20	NA						
	(CH.HF0+00 CH.HF3+11) Batch No 3 - Temporary Works Design and Preliminary Works	30 days	6/9/20	5/10/20	Calendar Day	596	704	0 days	0 days 30 da	100%	6/9/20	5/10/20						
	TTA preparation, SLG meetings, obtain RA	150 days	6/10/20	4/3/21	Calendar Day	703		0 days	0 days 150 d		6/10/20	4/3/21						
	Material procurement (DN800 MS PIPE) (360m) Material procurement (Butterfly Valves)	255 days 183 days	6/9/20 6/9/20	18/5/21 7/3/21	Calendar Day Calendar Day	596 596	719,721,722,723	0 days 0 days	0 days 255 o 0 days 183 o		6/9/20 6/9/20	18/5/21 7/3/21						
	Open Cut (CH.HE0+00 - CH.HE0+27)	108 days	15/3/22	27/7/22	HK Working Day	330	and particular statements and	150 days	350 days 108 c		15/3/22	NA			11111			
	Open Cut across Tsui Lam Road (CH.HE0+00 to 0+06)	48 days	15/3/22	16/5/22		701	709	0 days	350 days 48 da		15/3/22	NA						
-	Open Cut across Tsul Lam Road (CH.HE0+06 to 0+20) Open Cut (CH.HE0+27 - CH.HE2+11)(Inlet B)	60 days 359 days	17/5/22	27/7/22 29/7/22	HK Working Day HK Working Day	708	840 841	44 days 0 days	350 days 60 da 352 days 359 d	statistics was seen as a second se	NA 14/5/21	NA						
	Issue CE No. 114 - Non-explosive agent near TKO Freshwater Preliminary	1 day	14/5/21	14/5/21	Calendar Day			0 days	0 days 1 day		14/5/21	14/5/21						
	Service Reservoir						713 714 715 716 721 723	7:0 days			20/8/31	20/8/21						
	Receiving of Drawing No. 5K40134/525 for Proposed Alternative Alignment at TKOFWSR	T GBA	20/8/21	20/8/21	HK Working Day		713,714,715,719,721,722,	to calls	0 days 1 day	100%	20/8/21	23/8/21						
	Open Cut, CHLHED+20 -CHLHEO+27 (Excavation in Rock)	59 days	20/8/21	30/10/21	HK Working Day	712		0 days	0 days 59 da		20/8/21	30/10/21						
	Open Cut, CHLHE0+27 -CHLHE1+98(Excavation in Rock) Construction of Combined EMF and MBV Chamber at CH.HE1+90	254 days 128 days	20/8/21 20/8/21	30/6/22 22/1/22	HK Working Day HK Working Day	712 712	716	376 days 0 days	376 days 254 d 0 days 128 d		20/8/21 20/8/21	22/1/22						
	Open Cut CH.1+98 & connecting to the existing DNB00 F.W. Main at CH.HE2+1		24/1/22	7/4/22	HK Working Day	715	717	0 days	0 days 60 da		24/1/22	7/4/22						
						716		352 days			8/4/22							
	Construction of flowmeter klosks and GI cable ducts for Combined EMF and MBV Chamber at CH.HE1+90	90 days	8/4/22	29/7/22	HK Working Day	716		352 days	352 days 90 du	iys 7%	8/4/22	NA						
	Water Mains CH.HF0+00 - CH.HF3+10 (Inlet A)	150 days	21/8/21	22/2/22	HK Working Day	101.010	841	0 days	0 days 150 c		21/8/21	22/2/22						
	Open Cut CH.HF0+00 - CH.HF0+19 Open Cut CH.HF0+19 - CH.HF1+30	67 days 60 days	21/8/21 11/11/21	10/11/21 22/1/22	HK Working Day HK Working Day	705,712 719	720	0 days 0 days	0 days 67 da 0 days 60 da		21/8/21 11/11/21	10/11/21 22/1/22						
	Construction of Combined EMF and MBV Chamber at CH.HF1+30	60 days	21/8/21	2/11/21	HK Working Day	705,712	726	0 days	0 days 60 da	ys 100%	21/8/21	2/11/21						
	Open Cut CH.HF1+30 - CH.HF1+36	31 days	21/8/21	27/9/21	HK Working Day	705,712		0 days	0 days 31 da		21/8/21	27/9/21						
	Exposed Pipe CH.HF1+36 - CH.HF2+85 Exposed Pipe to the side wall of TKOFWSR	53 days 18 days	21/8/21 5/11/21	25/10/21 25/11/21	HK Working Day HK Working Day	705,712 725	725	0 days 0 days	0 days 53 da 0 days 18 da		21/8/21 5/11/21	25/10/21 25/11/21						
	Form Opening and Cast-in short pipe at TKOFWSR	9 days	26/10/21	4/11/21	HK Working Day	723	724	0 days	0 days 9 day	s 100%	26/10/21	4/11/21						
	Construction of flowmeter klosks and GI cable ducts for Combined EMF and MBV Chamber at CH.HF1+30	90 days	3/11/21	22/2/22	HK Working Day	721	3	0 days	0 days 90 da	ys 100%	3/11/21	22/2/22						
	May Chamber at CH,HF1+30 Lendsceping Works	154 days	19/3/18	22/9/18	HK Working Day			0 days	0 days 154 c		19/3/18	22/9/18	++	++++				
	Tree Survey of Exsiting Trees	45 days	19/3/18	2/5/18	Calendar Day	141	741,730	0 days	0 days 45 da	ys 100%	19/3/18	2/5/18						
	Tree Planting for Compensation Tree Felling (B1, B2)	90 days 3 days	6/6/18 3/5/18	20/9/18 5/5/18	HX Working Day HX Working Day	740 728	827 731	0 days 0 days	0 days 90 da 0 days 3 day		6/6/18 3/5/18	20/9/18 5/5/18						
	Tree Felling (83 - 88)	4 days	7/5/18	10/5/18	HK Working Day	730	732	0 days	0 days 4 day	s 100%	7/5/18	10/5/18						
	Tree Felling (89 - 811)	2 days	11/5/18	12/5/18	HK Working Day	731	733	0 days	0 days 2 day		11/5/18	12/5/18 16/5/18						
	Tree Felling (B12 - B17) Tree Felling (B18)	3 days 2 days	14/5/18 17/5/18	16/5/18 18/5/18	HK Working Day HK Working Day	732 733	734 735	0 days 0 days	0 days 3 day 0 days 2 day		14/5/18 17/5/18	16/5/18						
	Tree Felling (B19 - B22)	2 days	19/5/18	21/5/18	HK Working Day	734	736	0 days	0 days 2 day	\$ 100%	19/5/18	21/5/18						
	Tree Felling (823) Tree Felling (824 - 829)	2 days 4 days	23/5/18 25/5/18	24/5/18 29/5/18	HK Working Day HK Working Day	735 736	737 738	0 days 0 days	0 days 2 day 0 days 4 day		23/5/18 25/5/18	24/5/18 29/5/18						
	Tree Felling (824 - 829) Tree Felling (830 - 832)	4 days 2 days	25/5/18 30/5/18	29/5/18 31/5/18	HK Working Day	735	739	0 days	0 days 4 day 0 days 2 day		30/5/18	29/5/18 31/5/18						
	Tree Felling (833)	2 days	1/6/18	2/6/18	HK Working Day	738	740	0 days	0 days 2 day	s 100%	1/6/18	2/6/18						17
	Tree Felling (B34 - B35) Tree Preservation	2 days 120 days	4/6/18 3/5/18	5/6/18 22/9/18	HK Working Day HK Working Day	739 728	729	0 days 0 days	0 days 2 day 0 days 120 d		4/6/18 3/5/18	5/6/18						
	tainlaying in Tseung Kwan O (Section II)	of the second second second	\$ 19/9/18	22/12/22	None	10-300-		200 days	200 days 111	AND INCOMENTATION OF TAXABLE	19/9/18	NA			+++++			۲
	Excavation, Pipe Laying, Backfilling and Reinstatement (CH. CO+00 to C15+81) CE07 - Realignmengt of Pipeling from CH.CO+00 to CH.C12+00	1263 days	19/9/18 22/1/19	22/12/22 22/1/19	HK Working Day	18	032 747	0 days	226 days 1263	and the second	19/9/18 22/1/19	NA 22/1/19		1				Г
F	CE07 - Realignmengt of Pipeling from CH.C0+00 to CH.C12+00 CE07 - Early Possession of Portion H	1 day 1 day	22/1/19 19/9/18	22/1/19 19/9/18	HK Working Day HK Working Day	18	747 746	0 days 0 days	0 days 1 day 0 days 1 day		19/9/18	19/9/18						
	CE07 - Trial Pit Excavation along Open Cut Trench	12 days	20/9/18	5/10/18	HK Working Day	745	763	0 days	0 days 12 da	ys 100%	20/9/18	5/10/18						Ľ
	CE07 - HDPE Pipe, Fitting and Valves Procurement and Delivery in Batches CE17 - Construction Method for Pipeline from CH.C14+82 - CH.C15+81 being changed to	1 day	22/1/19 3/1/20	22/1/19 3/1/20	HK Working Day HK Working Day	744	763	0 days 0 days	0 days 1 day 0 days 1 day		22/1/19 3/1/20	22/1/19 3/1/20						Ľ
	Trenchless Method				a second and a	-		0 days	0 days 1 day									
	CE17 - Tendering and Subletting CE12 - Mathed Statement and Temporary Works Design Submission	60 days	3/1/20 17/3/20	16/3/20 24/4/20	HK Working Day	748 749	750,751,784,785	0 days	0 days 60 da		3/1/20 17/3/20	16/3/20 24/4/20						
	CE17 - Method Statement and Temporary Works Design Submission CE17 - Method Statement Submission for TBM	30 days 30 days	17/3/20	24/4/20	HK Working Day HK Working Day	749	788,789	0 days 0 days	0 days 30 da 0 days 30 da	and the second se	17/3/20	24/4/20						ł
	CE57 - Realignment of Water Main by Trenchless Method in SENTX	1 day	18/1/22	18/1/22	HK Working Day	68		0 days	0 days 1 day	100%	18/1/22	18/1/22						Ľ
	CE57 - Tendering and Subletting CE57 - WSD Instructed to Retender	60 days 1 day	3/1/20 3/4/20	16/3/20 3/4/20	HK Working Day Calendar Day		756,757,803	0 days 0 days	0 days 60 da 0 days 1 day		3/1/20 3/4/20	16/3/20 3/4/20						1
	CE57 - Retendering, Review and Approval	88 days	3/4/20	29/6/20	Calendar Day	754		0 days	0 days 88 da	ys 100%	3/4/20	29/6/20						۲
	CE57 - Method Statement and Temporary Works Design Submission	30 days	17/3/20	24/4/20	HK Working Day HK Working Day	753	806	0 days	0 days 30 da		17/3/20	24/4/20						£
	CE57 - Method Statement Submission for TBM CE07 - Common Trench Excavation by Open Cut	30 days 825 days	17/3/20	24/4/20	HK Working Day HK Working Day	135	808	0 days 0 days	O days 30 da O days 825 c		17/3/20 23/1/19	24/4/20						₽
	DN1200 MS Pipe, Open Cut	689 days	23/1/19	25/5/21	HK Working Day	A CONTRACTOR OF		0 days	0 days 689 c	lays 100%	23/1/19	25/5/21			11+++			t
-	CH.CT15+51 - CH.CT2+65 OC CH.CT.0+51 - CH.CT1+51 OC	114 days 100 days	2/1/21 1/9/20	25/5/21 31/12/20	HK Working Day HK Working Day	761 762	771,779,780 760,767,772	0 days 0 days	0 days 114 d 0 days 100 d		2/1/21 1/9/20	25/5/21 31/12/20						17
	CH.CT.0+00 - CH.CT0+51 OC	51 days	3/7/20	31/8/20	HK Working Day	766	761,773	0 days	0 days 51 da	ys 100%	3/7/20	31/8/20						
	CH.CA0+00 - CH.CA1+00 OC	100 days	23/1/19	29/5/19	HK Working Day	746,747	764,774	0 days	0 days 100 d	lays 100%	23/1/19	29/5/19						
	CH.CA1+00 - CH.CA2+00 OC CH.CA2+00 - CH.CA3+00 OC	100 days 100 days	30/5/19 27/9/19	26/9/19 30/1/20	HK Working Day HK Working Day	763 764	765,775 766,776	0 days 0 days	0 days 100 d 0 days 100 d		30/5/19 27/9/19	26/9/19 30/1/20						
	CH.CA3+00 - CH.CA4+00 OC	124 days	31/1/20	2/7/20	HK Working Day	765	762,777	0 days	0 days 124 d	lays 100%	31/1/20	2/7/20						ł
	CH.CA4+00 - CH.CA-4+24 OC	24 days	2/1/21	29/1/21	HK Working Day	761	0000	0 days	0 days 24 da		2/1/21	29/1/21						L
	NS250 HDPE Pipe with Valves, Open Cut CH.XT2+80 - CH.XT3+60 OC with additioanal tees and fire hydrant	710 days S6 days	30/5/19 12/8/21	19/10/21	HK Working Day HK Working Day	770	831	0 days 0 days	0 days 710 d 0 days 56 da		30/5/19 12/8/21	19/10/21				11117		1
	CH.KT2+23 - CH.KT2+80 OC	29 days	9/7/21	11/8/21	HK Working Day	771	769,780	0 days	0 days 29 da	ys 100%	9/7/21	11/8/21						
	CH.XT1+51 - CH.XT2+23 OC CH.KT0+51 - CH.XT1+51 OC	36 days 50 days	26/5/21 2/1/21	8/7/21 4/3/21	HK Working Day HK Working Day	760,772 761,773	770 771	0 days 0 days	0 days 36 da 0 days 50 da		26/5/21 2/1/21	8/7/21 4/3/21						
	CK.XT0+00 - CH.XT0+51 OC	26 days	1/9/20	30/9/20	HK Working Day	762	772	0 days	0 days 26 da	γs 100%	1/9/20	30/9/20						
	CH.KA0+00 - CH.KA1+00 OC	50 days	30/5/19	29/7/19	HK Working Day	763 764 774	775	0 days	0 days 50 da	ys 100%	30/5/19	29/7/19						
	CH.KA1+00 - CH.KA2+00 OC CH.KA2+00 - CH.KA3+00 OC	50 days 50 days	27/9/19 31/1/20	26/11/19 28/3/20	HK Working Day HK Working Day	764,774 765,775	776 777,781	0 days 0 days	0 days 50 da 0 days 50 da		27/9/19 31/1/20	26/11/19 28/3/20						
	CH.KA3+00 - CH.KA4+00 OC	50 days	3/7/20	29/8/20	HK Working Day	766,776	a sulla	0 days	0 days 50 da	ys 100%	3/7/20	29/8/20						
	Construction of Chambers	475 days	30/3/20	5/11/21	HK Working Day	260	831	0 days	0 days 475 d		30/3/20	5/11/21 5/8/21						П
-	Combined DAV & IT Chamber for DN1200 MS Pipe at CH.CT2+47 Combilined Washout Pump Pit for DN1200 MS Pipe and NS250 HDPE Pipe at	60 days 71 days	26/5/21 12/8/21	5/8/21 5/11/21	HK Working Day HK Working Day	760 760,770,779	780	0 days 0 days	0 days 60 da 0 days 71 da		26/5/21 12/8/21	5/8/21						
	CH.CT2+43	1000000			a ben a series a			1340										1
	DN900 Valve Chamber with by-pass DN150 Pipe at CH.CA4+24 CE17 - Trenchless Work between Pit 137A and Pit 137B	60 days 269 days	30/3/20	13/6/20 26/3/21	HK Working Day None	//0	822	0 days 0 days	0 days 60 da 0 days 269 d		30/3/20	13/6/20 26/3/21						F
	Inspection Pit Excavation	12 days	17/3/20	1/4/20	None	A REAL PROPERTY OF	A Designed From the	0 days	0 days 12 da	viii 100%	17/3/20	1/4/20					1	
		14 days	17/3/20	1/4/20	HK Working Day		787,788	0 days	0 days 14 da		17/3/20	1/4/20	TITLE		11111			
	Inspection Pit Excavation - Pit137A			1/4/30	HX Weshing from	769	787 780	if dawn	O dece ha de	10000	17/2/20	3/4/3/						1 1
		14 days 70 days	17/3/20	1/4/20	HK Working Day None	No. of Concession, Name	787,789	0 days 0 days	0 days 14 da 0 days 70 da	γs 100%	17/3/20	1/4/20					111174	H
	Inspection Pit Excavation - Pit137A Inspection Pit Excavation - Pit1378	14 days	17/3/20			749 784,785 784,750,787	787,789 788,789			Y3 100%								t

		1228: 0/5/2022	CE67(Section 27/7/2023	
inal Co : 18/5	ontract due Dividing Du 5/2021 14/4/2022 12021	te: CE51: CE57 6/10/2022 7/2/2	Section II) P	Planned Completion (WFR A-D):10/11/2023
			1 (10) (11) (ATS	

a pa	<b>御</b> を	Duration	start	Finish	Task Culentar	Preferensers	Successors	Free Slack	Toul Slack Decision	% Complete	Actual Start	Anul Bria Ul O N D	Q1 FMANJIIIASONDIEMANJIASOND	01 1   F   1
_		60 days 215 days	25/4/20	8/7/20	HK Working Day HK Working Day	785,750,787	791	0 days	0 days 60 days 0 days 215 days	100%	25/4/20	8/7/20		111
	Establishment at Pit 1378	30 days 38 days	9/7/20 13/8/20	12/8/20 25/9/20		789 791	792 793	O days O days	0 days 30 days 0 days 38 days	100%	9/7/20 13/8/20	12/8/20 25/9/20		111
	(CH.CC0+10 to CH.CC.1+24) in Soil (114m; 3m/day)	1003323		1.1376-25526	12-26-26-26-26-26-26-26-26-26-26-26-26-26									
		6 days 6 days	26/9/20 6/10/20	5/10/20 12/10/20	HK Working Day HK Working Day	792 793	794 795	O days O days	0 days 6 days 0 days 6 days	100%	26/9/20 6/10/20	5/10/20		
		43 days 15 days	13/10/20 3/12/20	2/12/20 19/12/20	HK Working Day HK Working Day	794 795	796 797	O days O days	0 days 43 days 0 days 15 days	100%	13/10/20 3/12/20	2/12/20 19/12/20		
		9 days	21/12/20	2/1/21	HK Working Day	796	798	0 days	0 days 9 days	100%	21/12/20	2/1/21		111
		24 days 14 days	4/1/21 1/2/21	30/1/21 19/2/21	HK Working Day HK Working Day	797 798	799,808	O days O days	0 days 24 days 0 days 14 days	100%	4/1/21 1/2/21	30/1/21 19/2/21		
	Remove ELS and Extract Sheetpile at Pit 137A	30 days	20/2/21	26/3/21	HK Working Day	799	000	0 days	0 days 30 days	100%	20/2/21	26/3/21		11
		798 days 14 days	17/3/20	24/11/22	HK Working Day HK Working Day		822	0 days 0 days	226 days 798 days 0 days 14 days	61% 100%	17/3/20	1/4/20		11
	Inspection Pit Excavation - Pit137C	14 days	17/3/20	1/4/20	HK Working Day	753	806	0 days	0 days 14 days	100%	17/3/20	1/4/20		
		S2 days 3 days	18/1/21 18/1/21	22/3/21 20/1/21	HK Working Day HK Working Day	and the second second	806	0 days 0 days	0 days 52 days 0 days 3 days	100%	18/1/21	22/3/21 20/1/21		11
	Construction of Pit 137C	49 days	21/1/21	22/3/21	HK Working Day	756,805,803	808	0 days	0 days 49 days	100%	21/1/21	22/3/21		11
		497 days 39 days	23/3/21 23/3/21	24/11/22 12/5/21	HK Working Day HK Working Day	806,757,798	809	226 days O days	226 days 497 days 0 days 39 days	56% 100%	23/3/21 23/3/21	12/5/21		
		164 days	13/5/21	26/11/21	HK Working Day	808	810	0 days	0 days 164 days	100%	13/5/21	26/11/21		
	Annulus Grouting and Remove setup at Pit 1378	41 days	27/11/21	17/1/22	HK Working Day	809	811	0 days	0 days 41 days	100%	27/11/21	17/1/22		
		28 days 93 days	18/1/22 23/2/22	22/2/22 18/6/22	HK Working Day HK Working Day	810 811	812,813 814	0 days 0 days	0 days 28 days 222 days 93 days	100%	18/1/22 23/2/22	22/2/22 NA		
	NS250 HDPE Pipe Laying inside jacking pipe (246m) (8m per day)	4 days	23/2/22	26/2/22	HK Working Day	811	814	0 days	0 days 4 days	100%	23/2/22	26/2/22		11
		3 days 13 days	15/6/22 18/6/22	17/6/22	HK Working Day HK Working Day	812,813 814	815 816,818	0 days 0 days	226 days 3 days 226 days 13 days	0%	NA NA	NA		11
	Pipe Connection and Construction of Combined Inspection Pit and Washout	66 days	5/7/22	20/9/22	HK Working Day	815	817	0 days	226 days 66 days	0%	NA	NA		11
	Chamber (Type III) at Pit 137C Thrust Block & backfilling inside Pit 137C	24 days	21/9/22	20/10/22	HK Working Day	816	819	0 days	226 days 24 days	0%	NA	NA		
	Pipe Connection, Thrust Block & backfilling inside Pit 1378	30 days	5/7/22	8/8/22	HK Working Day	815	820	0 days	286 days 30 days	0%	NA	NA		
		30 days 30 days	21/10/22 9/8/22	24/11/22 13/9/22	HK Working Day HK Working Day	817 818		226 days 285 days	226 days 30 days 286 days 30 days	0%	NA NA	NA		
	NS250 HDPE Pipe Static Pressure, Pipeling Cleaning, CCTV Inspection, Sterilization,	24 days	25/11/22	22/12/22	HK Working Day			226 days	226 days 24 days	0%	NA	NA		
	Water Sampling and Handover to WSD NS250 HDPE Pipe - Static Pressure Test - Portion H (Area 137)	7 days	25/11/22	2/12/22	HK Working Day	758,801,782	823	0 days	226 days 7 days	0%	NA	NA		
	N5250 HDPE Pipe - Pipeline Cleaning and CCTV Inspection at Portion H (Area 137)	7 days	3/12/22	10/12/22	HK Working Day	822	824 825	0 days	226 days 7 days	0%	NA	NA		
		7 days 3 days	12/12/22 20/12/22	19/12/22 22/12/22	HK Working Day HK Working Day	823 824	325	0 days 226 days	226 days 7 days 226 days 3 days	0%	NA	NA		
			21/9/18	20/9/19	Calendar Day			0 days	0 days 365 days	100%	21/9/18	20/9/19		
	stablishment of Landscape Works Pipe Static Pressure Test, Pipeline Cleaning, CCTV Inspection, Sterilization		21/9/18	20/9/19	Calendar Day HK Working Day	729	-	0 days 252 days	0 days 365 days 252 days 652 days	100%	21/9/18 6/11/21	20/9/19 NA		Ш
in	d Water Sampling						Conservation of the				and the second second			
1		711 days 308 days	6/11/21 6/11/21	17/10/23 11/1/23	Calendar Day None		861	0 days 0 days	0 days 711 days 199 days 308 days	22%	6/11/21 6/11/21	NA		
	CE07 - DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at	14 days	6/11/21	22/11/21	HK Working Day	768,778	844	0 days	0 days 14 days	100%	6/11/21	22/11/21		
	CH.CA4+24 to CH.CT.2+65 CE17 & CE57 - DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at	14 days	23/12/22	11/1/23	HK Working Day	743	845	0 days	226 days 14 days	0%	NA	NA		
	CH.CA4+24 to Wan Po Road (CH. A0+00)				and a second									
		411 days 14 days	22/3/22 29/9/23	17/10/23	None HK Working Day	348,162,170,179,33	860 15847	0 days 0 days	0 days 411 days 0 days 14 days	14% 0%	22/3/22 NA	NA		
	(CH. A0+00) to Pit D (CH.A 22+70)			Call No. 1	- Contraction of the states	410	848		68 days 7 days	0%	NA	NA		111
	CE67 - DN1200 MS Pipe - Static Pressure Test From Pit D at SKR Carperk to DN900 Valve Chamber at TKO Landfil Stage LArea A (CKFB1+66)	7 days	20/7/23	27/7/23	HK Working Day	410	040	0 days	co cays / cays					
	CE36 & CE34 - DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at TKO Landfill Stage I Area A (CH. FB1+66) to ON900 Valve Chamber at TKO Landfill Stage	14 days	22/3/22	7/4/22	HK Working Day	271,293	849	0 days	0 days 14 days	100%	22/3/22	7/4/22		
	I Area B (CH. FC 13+44)			_										
	CE59 & 60 - DN1200 MS Fipe - Static Pressure Test From TKO Landfill Stage I Area B (CH.FC13+44) to Pit K at Po Yap Road Roundabout	14 days	8/9/22	24/9/22	HK Working Day	230,211	850	0 days	314 days 14 days	0%	NA	NA		
	CE28 & CE50 - DN1200 MS Pipe - Static Pressure Test From Pit K at Po Yap Road	14 days	4/5/22	20/5/22	HK Working Day	506,555	851	0 days	420 days 14 days	0%	NA	NA		
	Roundabout to Pit P at Po Shun Road Verge Area CE51 - DN1200 MS Pipe - Static Pressure Test From Pit P at Po Shun Road - Pit R at	14 days	27/8/22	13/9/22	HK Working Day	481	852	0 days	324 days 14 days	0%	NA	NA		Ш
	Control Site CS-108 (Abandoned Road) CES1 - DN1200 MS Pipe - Static Pressure Test From Pit R at Mau Wu Tsai Abandoned	14 days	19/9/22	6/10/22	HK Working Day	680,647,638,629,61	1953	0 days	306 days 14 days	0%	NA	NA		
	Road to DNB00 EMF & BV Chamber at TKO F.W.S.R.(CH. HE1+90)													
	Chamber at TKO F.W.S.R.[CH. HE1+70] to CH. J0+57 and to DN800 EMF & BV Chamber (CH. HE1+90)	10 days	30/7/22	10/8/22	HK Working Day	710,718	854	0 days	352 days 10 days	0%	NA	NA		
P		580 days 354 days		B/11/23 4/2/23	HK Working Day HK Working Day		856	0 days 475 days	249 days 560 days 475 days 354 days	13% 50%	23/11/21 23/11/21	NA		
	CE07 - DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN900 Valve	18 days	23/11/21	13/12/21	HK Working Day	831		0 days	0 days 18 days	100%	23/11/21	13/12/21		
	Chamber at CH.CA4+24 to to CH.CT.2+65 CE17 & CE57 - DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN900	18 days	12/1/23	4/2/23	HK Working Day	832		475 days	475 days 18 days	0%	NA	NA		
	Valve Chamber at CH.CA4+24 to Wan Po Road (CH. A0+00)	470 days	8/4/22	8/11/23	HK Working Day			249 days	249 days 470 days	4%	8/4/22	NA		
	DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From Pit D at SKR Carpark to		18/10/23	8/11/23	HK Working Day	834		249 days	249 days 18 days	0%	NA	NA		
	DN900 Valve Chamber at TKO Landfill Stage I Area A (CH.FB1+66) CE67 - DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From Pit D at SKR	18 days	28/7/23	17/8/23	HK Working Day	835		317 days	317 days 18 days	0%	NA	NA		
	Carpark to DN900 Valve Chamber at TKD Landfill Stage   Area A (CH.FB1+66)			1 oracere	a state state at									
	CE36 & CE34 - DN1200 MS Pipe - Pipeline Cleaning and CCTV inspection From DN900 Valve Chamber at TKO Landfill Stage I Area A (CH. FB1+66) to DN900 Valve Chamber at	19 qaas	8/4/22	3/5/22	HK Working Day	836		701 days	701 days 18 days	33%	8/4/22	NA		
	TKO Landfill Stage I Area B (CH. FC 13+26)	10 4	16/0/22	18/10/21	W Westing Paul	837		543 days	563 dawn 10 dawn	0%	NA	NA		
	CE59 & CE60 - DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From TKO Landfill Stage I Area B (CH.FC13+44) to Pit K at Po Yap Road Roundabout		26/9/22	18/10/22	HK Working Day			563 days	563 days 18 days					
	CE28 & CE50 - DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From Pit K at Po Yap Road Roundabout to Pit P at Po Shun Road Verge Area	18 days	21/5/22	11/6/22	HK Working Day	838		669 days	669 days 18 days	0%	NA	NA		
	CE51 - DN1200 M5 Pipe - Pipeline Cleaning and CCTV Inspection From Pit P at Po Shun	18 days	14/9/22	6/10/22	HK Working Day	839		573 days	573 days 18 days	0%	NA	MA		
	Road - Pit R at Control Site CS-108 (Abandoned Road) CE51 - DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From Pit R at Mau Wu	18 days	7/10/22	27/10/22	HK Working Day	840	100000000000000000000000000000000000000	555 days	555 days 18 days	0%	NA	NA		
	Tsal Abandoned Road to DN800 EMF & 8V Chamber at TKO													11
	CE51 - DN800 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN800 EMF & BV Chamber at TKO F.W.S.R.(CH. HE1+70) to CH. J0+S7 and to DN800 EMF & BV Chamber	18 days	11/8/22	31/8/22	HK Working Day	841		601 days	601 days 18 days	0%	NA	NA.		
	terilization, Water Sampling and Final Connection to TKO Fresh Water Service Reservoir	71 days	9/11/23	18/1/24	Calendar Day			236 days	296 days 71 days	0%	NA	NA		
1	A Handover to WSD Region DN800 & DN1200 MS Pipe - Portion I & Portion H (Total Water = 9700 cu.m)	60 days	9/11/23	7/1/24	Calendar Day	842	857,858	0 days	296 days 60 days	0%	NA	NA		
	Final Connection of DN800 (Inlet B)	7 days	8/1/24	15/1/24	HK Working Day	856 856	859 859	0 days	252 days 7 days	0%	NA NA	NA		
		7 days 3 days	8/1/24 16/1/24	15/1/24 18/1/24	HK Working Day HK Working Day	855 857,858		0 days 252 days	252 days 7 days 252 days 3 days	0%	NA	NA		
	T for Section I	20 days	18/10/23	10/11/23	HK Working Day	833	9	0 days	0 days 20 days	0%	NA	NA		
	T for Section II iter Supply to Tseung Kwan O Desalination Plant at Fill Bank of Tseung Kwan	20 days		7/2/23	HK Working Day HK Working Day		9	226 days 0 days	226 days 20 days 0 days 143 days	0%	NA 16/11/18	15/5/19		
	Area 137 (Portion J)	an and a			in remain way		La Conte		a sultando colta		and the second second	States of the		
¢	E02 - Water Supply to TKO Desalination Plant at Fill Bank of TKO Area 137	1 day	16/11/18	16/11/18	HK Working Day	16	864	0 days	0 days 1 day	100% 100%	16/11/18	16/11/18		
		48 days 89 days	16/11/18 15/1/19	14/1/19 7/5/19	HK Working Day HK Working Day	863 854	865 866	0 days 0 days	0 days 48 days 0 days 89 days	100%	16/11/18 15/1/19	14/1/19 7/5/19		
1	3/WSD/16/5K13 to 5K15 and W202D3/4A					865	867	0 days	0 days 4 days	100%	8/5/19	11/5/19		
		4 days 1 day	8/5/19 14/5/19	11/5/19 14/5/19	HK Working Day HK Working Day	865	868	0 days 0 days	0 days 4 days 0 days 1 day	100%	14/5/19	14/5/19		
		and the second second	a second s	and the second se	and the second se	and the second se								dun i Pr



D Task Name		ID article	Star	Baid	Taok Calendar	Predecessors	Same	Five Sladk	Contract No. 13/WSD	0/16 - Mainlayin		nval Antish 1228	2214	1809
868 Backfill at T23+64 after comple	etion of Water Sampling Test	Durnice 1 day	15/5/19	15/5/19	HK Working Day	867	Successors 869	0 days	0 days 1 day	100%	15/5/19	0 4 0 0 N D J F N A 3 J	23/0         Q2         Q3         Q4         Q	N P J F M A M I I A S O
869 Handover Portion J to WSD Rep	gion	1 day	15/5/19	15/5/19	HK Working Day	868		0 days	0 days 1 day	100%	15/5/19	15/5/19		
						-								
Programme As of 14/4/ Tak Spit	Mistar •	Project Summe Inscrine Task	a 1			Manual Tesk 1 Decision-only	-	Matual Summary Rollage -	Sus-sta) Fasibility		Esteral Taks Esteral Milarea: •	Deallor & Ceited	Critical Split	Massi Propen





## Appendix B

## Overview of Mainlaying in Tseung Kwan O



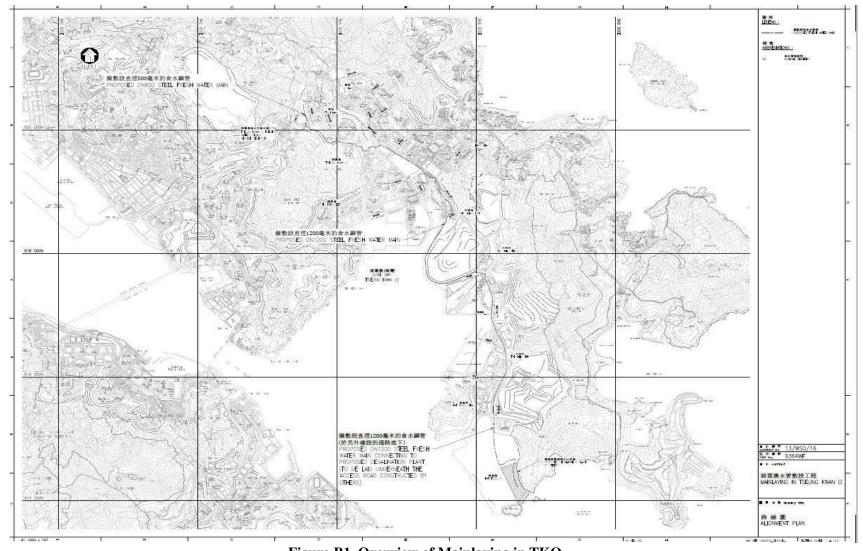


Figure B1. Overview of Mainlaying in TKO



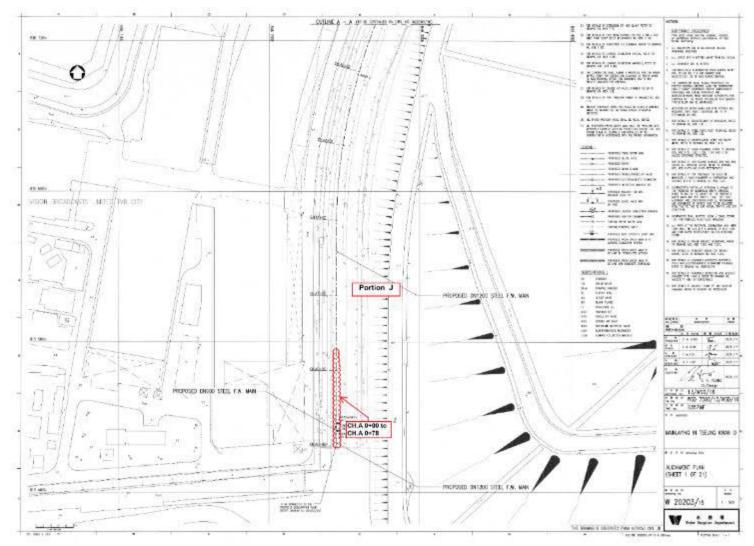


Figure B2. Location Plan for Portion J - CH.A 0+00 to CH.A 0+78



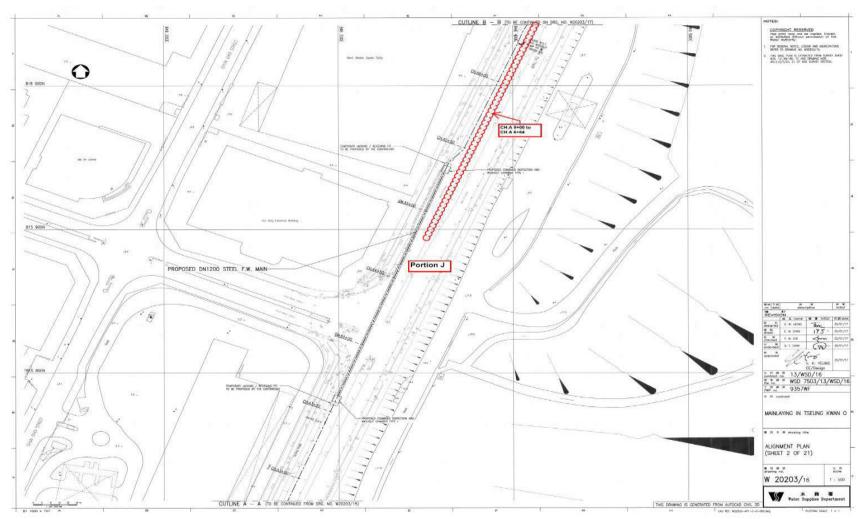


Figure B3. Location Plan for Portion J - CH.A 5+00 to CH.A 6+64



Member of the Aurecon Group

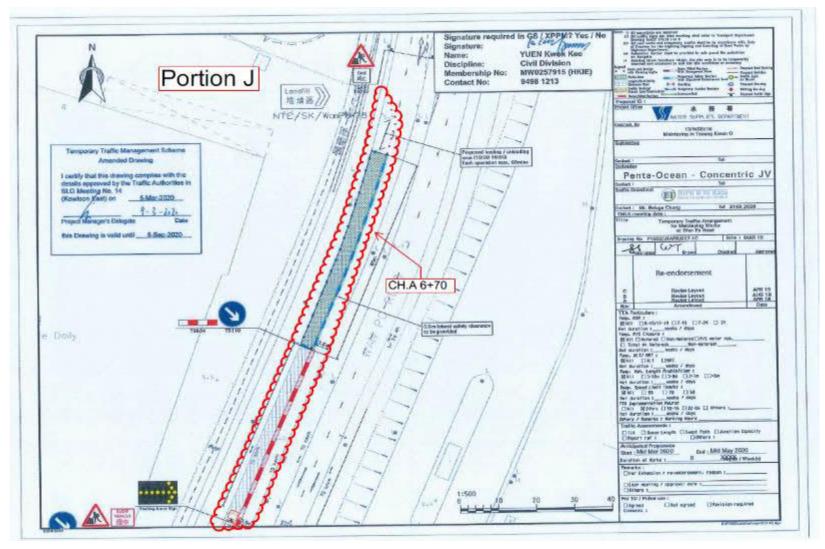


Figure B4. Location Plan for Portion J - CH.A 6+70



Signature required in GS / XPPM? Yes / No compared for any second Signature: 14/00 YUEN HWOK Kee had sense Descentioners a loading to search the Name: history are broken while the first state in the **Civil Division** Discipline: involting. Membership No: MW0257915 (HKIE) and in Lot 9498 1213 -Strengthere has Contact No: Langthulling thingy -0 And Address Raith Ballie Portion J \* B # eri fiffie 13/WSD/18 Malefeyleg in Tenang Kwot 0 Temporary Traffic Management Scheme-Penta-Ocean - Concentric JV Amended Drawing Contrast 1 Endlie Contration) (EE) I centify that this drawing complias with the ected. Mr. Bologie Chung Natio mainling date t Teb 3166 2025 Temporary Traffic Amargument An Makenping Wellin of Weiting Read 7/2/2020 wing Bo. PIEDZAWAPNID17.20 Jons r MAR 18 apris Delego Project N SI WT. this Drawing is valid until 6-Sep-2020 Augentes 10 nee. of high helmosity bettery Re-endorsement CH.A 6+70 仁国工業大厦 APR 19 AUG 18 APR 10 Pavlor Lopes Revise County Yan Hing Industrial Building TTA Part The second secon KOWLOON Town Emri 市中心 Hang Hour (f--kéwiger 九龍 Lanaria I - 81 cn-01 NTE/S nDiversion Charles Charles and Diversion Develop 000 x 1 200 12417 Avaidpaned Programme Start , Mid Met 2020 ana : Diti May 2020 11 haration of levils 1 Energia : Eller Esterato / re-moraneti, recon 探索道 11.4 Citaté menting / approvel dele For TD / Police une 1:500 Citial sylent [Relation regulated Chyreid Comeoirs s 411

Figure B5. Location Plan for Portion J - CH.A 6+70



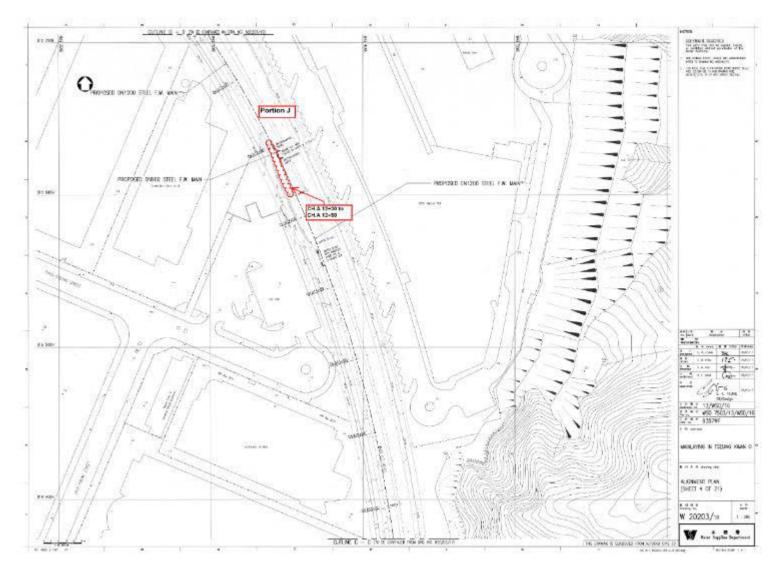


Figure B6. Location Plan for Portion J - CH.A 12+30 to CH.A 12+50



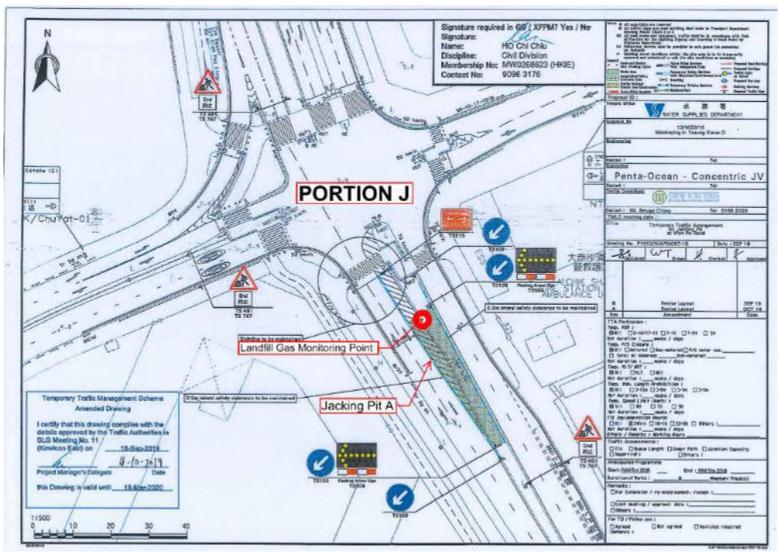


Figure B7. Location Plan for Portion J – CH. A13+50 to CH.A 14+00 (Pit A)



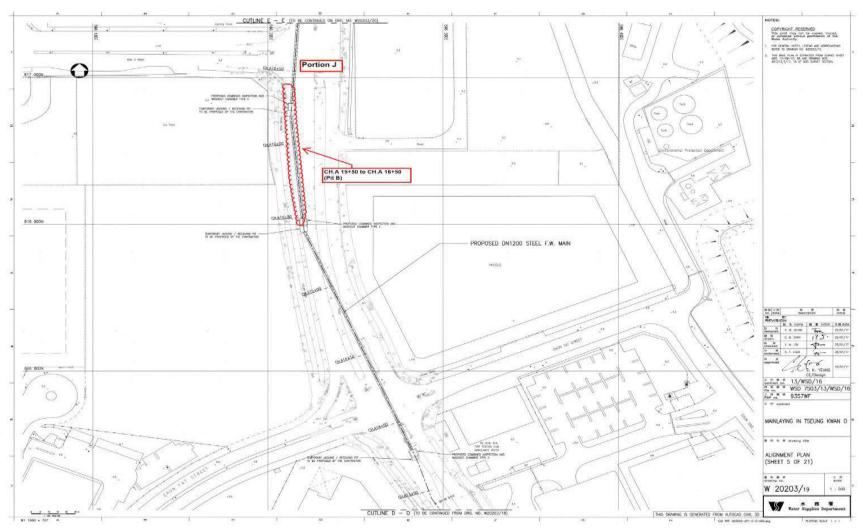


Figure B8. Location Plan for Portion J – CH. A15+50 to CH.A 16+50 (Pit B)



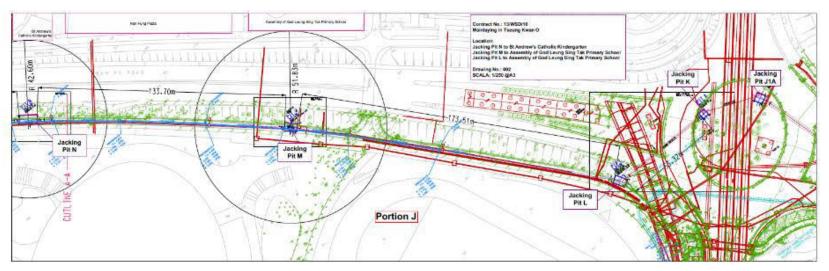


Figure B8a. Location Plan for Portion J – Pit L-M-N, K, J1A

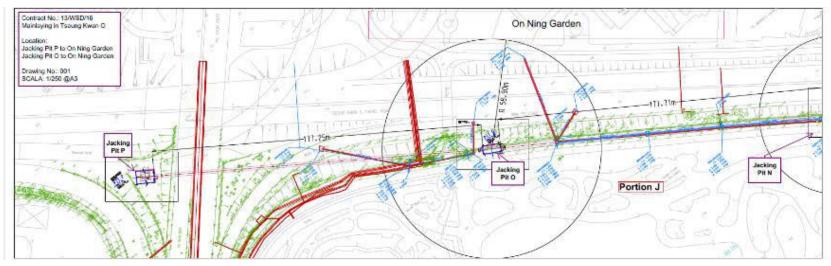


Figure B8b. Location Plan for Portion J – Pit N-O-P



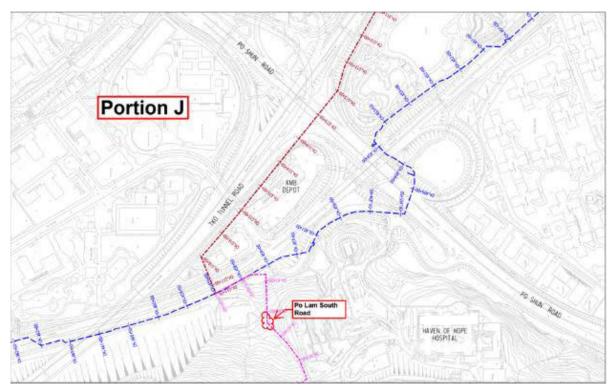


Figure B9a. Location Plan for Mau Wu Tsai 1

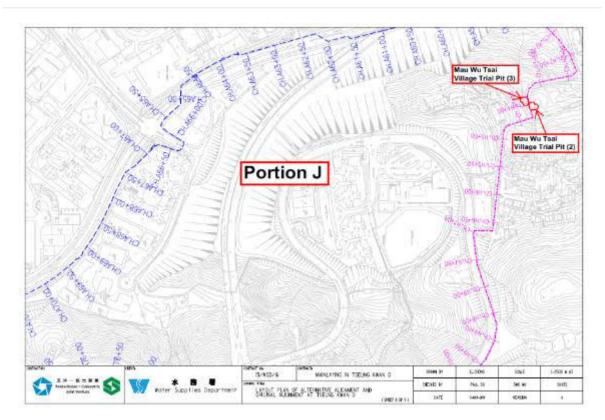


Figure B9b. Location Plan for Mau Wu Tsai 2 & 3



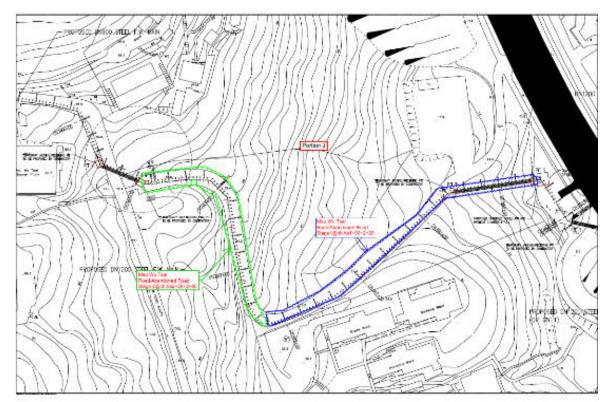


Figure B9c. Abandoned Mau Wu Tsai Road

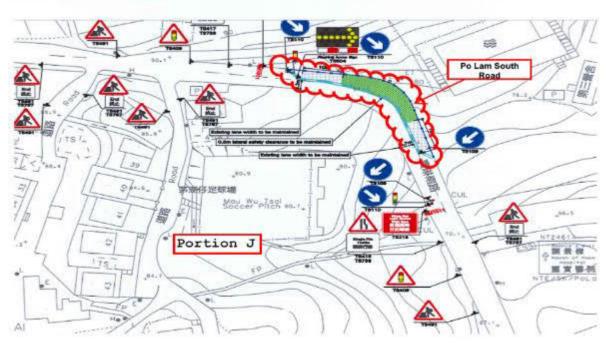


Figure B10. Monitoring Location – Po Lam South Road



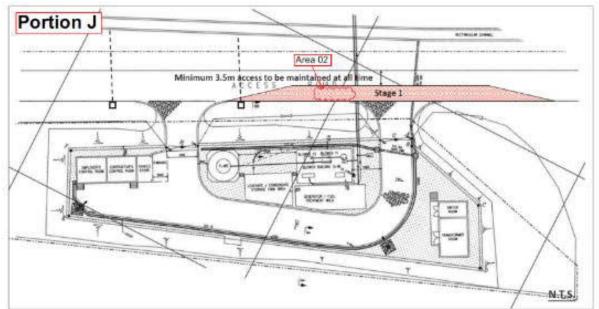


Figure B11. Monitoring Location – Area A02

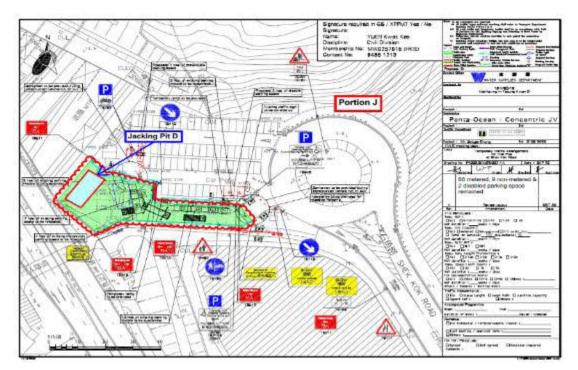


Figure B12. Location Plan for Jacking Pit D



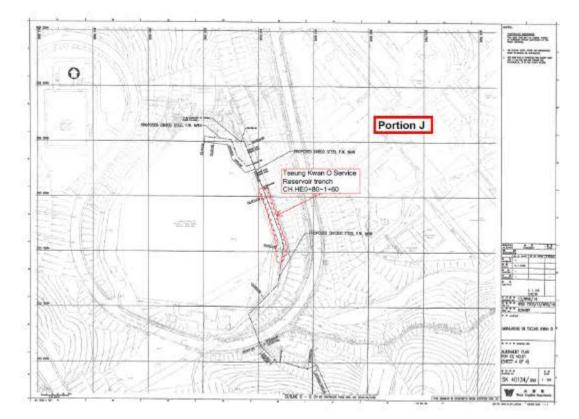


Figure B13. Location Plan for CH.HE0+80-1+60

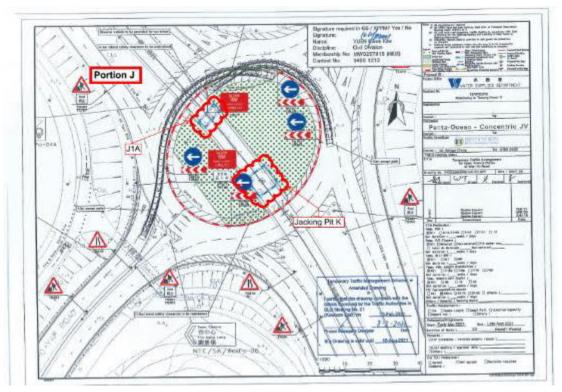


Figure B14. Location Plan for Pit K



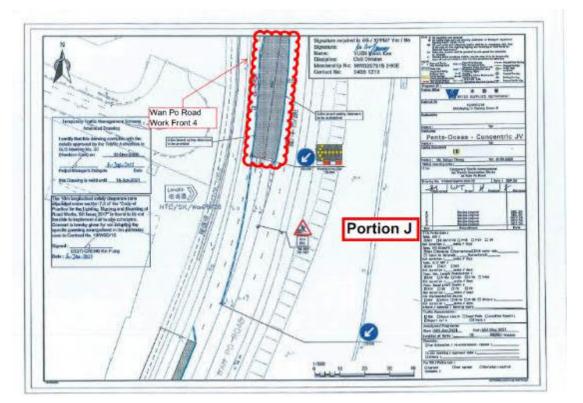


Figure B15. Location Plan for Wan Po Road 4

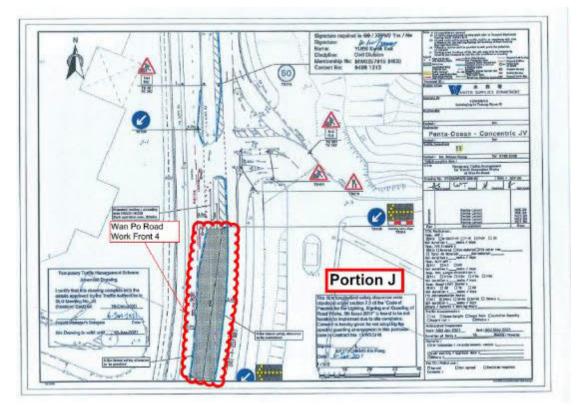


Figure B16. Location Plan for Wan Po Road 4



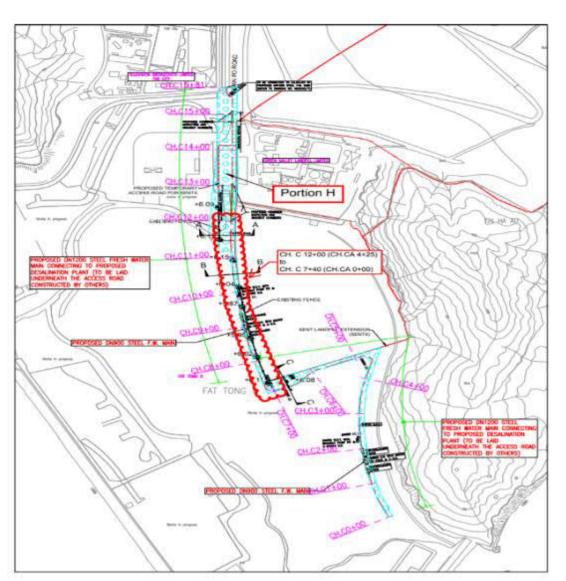


Figure B17. Location Plan for Portion H– CH.C 7+40~CH.C 12+00 (CH.CA 0+00 ~ CH.CA4+25)

Contract No. 13/WSD/16 Mainlaying in Tseung Kwan O Monthly EM&A Report





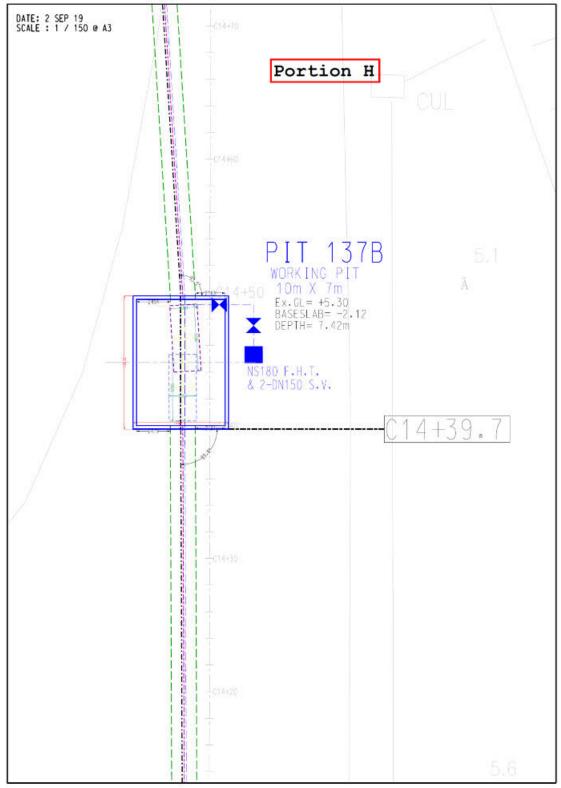


Figure B18. Location Plan for Portion H– Pit 137B



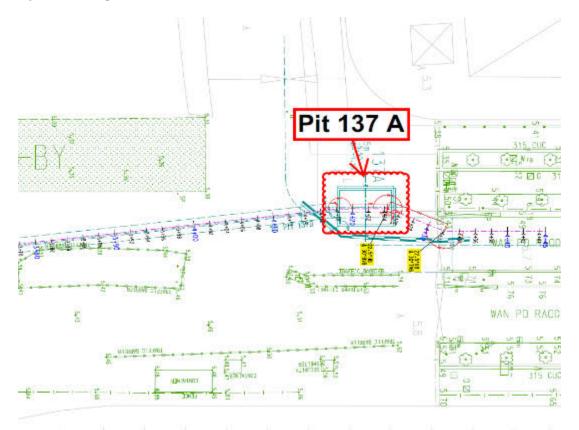


Figure B19. Location Plan for Portion H– Pit 137A

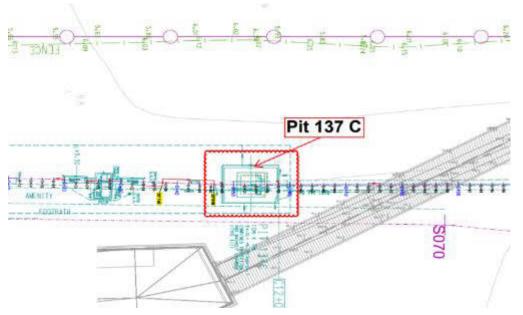


Figure B20. Location Plan for Portion H– Pit 137C



## Appendix C

## Summary of Implementation Status of Environmental Mitigation



EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation	Imp	lementa Stage	ation	Implementation	Relevant Legislation &
Reference	Mitigation Measures	main concerns to address	Agent	D	C	0	status	Guidelines
Air Quality	<b>I</b>				1			
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)		V		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	
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	
S4.8.1	Dropping heights for excavated materials should be controlled to a practical height to minimize the fugitive dust arising from unloading.	Land site/ During Construction	Contractor(s)		•		Implemented	
\$4.8.1	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	
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)		•		Implemented	
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)	~	•		Implemented	



EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation	Imp	lementa Stage	ation	Implementation	Relevant Legislation &
Reference	Mitigation Measures	main concerns to address	Agent	D	C	0	status	Guidelines
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	Air Pollution Control (Construction Dust)
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 minimize dust emission.	Land site/ During construction	Contractor(s)		~		Implemented	
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	-



EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation	Imp	lementa Stage	ntion	Implementation	Relevant Legislation &
Reference	Mitigation Measures	main concerns to address	Agent	D	С	0	status	Guidelines
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)/ (ET & IEC)		~		Implemented	-



EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation	Impl	lementa Stage	tion	Implementation	Relevant Legislation &
Reference	Mitigation Measures	main concerns to address	Agent	D	С	0	status	Guidelines
Noise		1	T	1	1 4	l	1	
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)		•		N/A	
S5.7	Mobile plant, if any, will be sited as far away from NSRs as possible.	Noise control/ During construction	Contractor(s)		•		Implemented	
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	
\$5.7	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	
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	
S5.7	Use of Quite Powered Mechanical Equipment (QPME).	Noise control/ During construction	Contractor(s)		1		Implemented	
\$5.7	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 <sup>-2</sup> and have no openings or gaps.	Noise control/ During construction	Contractor(s)		•		N/A	
\$5.7	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	
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	



EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation	Impl	ementa Stage	tion	Implementation	Relevant Legislation &
Reference	Mitigation Measures	main concerns to address	Agent	D	С	0	status	Guidelines
S5.7	PMEs will not be used at the works areas near educational institutions with residual impact (i.e. 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	-
\$5.7	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 <sup>-2</sup> 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	Saw cutting 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)	•	<b>√</b>		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 (e.g. 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.	During construction phase	ET		1		Implemented	-
\$5.10	The effectiveness of on-site control measures could also be evaluated through the regular site audits.	All facilities/ During construction	Contractor(s)/ ET & IEC		~		Implemented	-



EIA Reference	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation	Imp	ementa Stage	tion	Implementation status	Relevant Legislation & Guidelines
	Mitigation Measures	main concerns to address	Agent	D	C	0	status	Guidelines
Water Qual					-			
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 observation	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
\$6.9	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	-
\$6.9	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	-
\$6.9	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	-



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	-	ementa Stage C	tion O	Implementation status	Relevant Legislation & Guidelines
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)		•	•	Implemented	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	
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	-
\$6.12	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)/ ET & IEC		~		Implemented	-



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures &	Implementation	Imp	lementa Stage	ation	Implementation	Relevant Legislation & Guidelines
Reference		main concerns to address	Agent	D	С	0	Status	
Waste Man	8							
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 mobilization/ During construction	Contractor(s)		~		Implemented after observation	-
\$8.5	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 mobilization/ 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 "ETWB $TC(W)$ No. 19/2005, Environmental Management on Construction Sites" 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)		•		N/A.	Chapters 2 & 3 Code of Practice on the Packaging, Labelling & Storage of Chemical Wastes published under the Waste Disposal Ordinance (Cap 354), Section 35



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation	Imp	lementa Stage	ation	Implementation Status	Relevant Legislation & Guidelines
Reference			Agent	D	С	0		
S8.5	Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors.	Land site/ During construction	Contractor(s)		✓		Implemented	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)		<b>√</b>		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 wastepaper 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)		<b>√</b>		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	-
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	The management of dredged/ excavated sediment management requirement from ETWB TC(W) No. 34/2002 will be incorporated in the Specification of the Contract Documents.	Marine works/ During construction	WSD/ Contractor(s)		<b>√</b>		Implemented	ETWB TC(W) No. 34/2002 and Dumping at Sea Ordinance (DASO)



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation	Imp	lementa Stage	ation	Implementation Status	Relevant Legislation & Guidelines
Reference			Agent	D	C	0		
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
\$8.5	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)/ ET & IEC		•		Implemented	ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites
\$8.5	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	-
\$8.5	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)		•		Implemented	Air Pollution Control (Construction Dust) Regulation (Cap 311R); WPCO (Cap 358)
\$8.5	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)		<b>√</b>		Implemented	Air Pollution Control (Construction Dust) Regulation (Cap 311R)



EIA	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation	Imp	lementa Stage	ation	Implementation	Relevant Legislation & Guidelines
Reference			Agent	D	C	0	Status	
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 after observation	<ul> <li>Waste Disposal (Chemical Waste) (General)</li> <li>Regulation; Code of Practice on the Packaging,</li> <li>Handling and Storage of Chemical Wastes</li> </ul>
S8.5	Chemical waste container shall have a capacity of less than 450 L unless the specifications have been approved by the EPD.	All area/ During construction/ During operation	Contractor(s)/ WSD		1	•	Implemented	
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		1	1	Implemented	
S8.5	Storage areas for chemical waste shall be enclosed on at least 3 sides.	All area/ During construction/ During operation	Contractor(s)/ WSD		1	1	Implemented	
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		<b>~</b>	•	Implemented	
S8.5	Storage areas for chemical waste shall have adequate ventilation.	All area/ During construction/ During operation	Contractor(s)/ WSD		•	4	Implemented	
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	
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	
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	
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 Specification for Site Cleanliness and Tidiness.



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Imp	lementa Stage		Implementation	Relevant Legislation &
Reference				D	С	0	Status	Guidelines
\$8.5	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	-
\$8.5	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	-



EIA	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation	Relevant Legislation &
Reference				D	С	0	Status	Guidelines
Ecology								
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	-
\$9.7	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	-



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures &	Implementation Agent	Im	Implementat Stage		Implementation Status	Relevant Legislation & Guidelines
Reference	initigation measures	main concerns to address		D	C	0	Status	Guidelines
Landscape	e & Visual							
S11.10	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)	N/A	N/A	N/A	Not applicable for this project	-
S11.10	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)	N/A	N/A	N/A	Not applicable for this project	-
S11.10	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: - 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)	N/A	N/A	N/A	Not applicable for this project	-
S11.10	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 after observation	ETWB TCW No. 3/2006 - Tree Preservation.
\$11.10	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. (MM5)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	N/A	N/A	N/A	Not applicable for this project	DEVB TC(W) No. 10/2013

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



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures &	Implementation Agent	Imj	plement Stage		Implementation Status	Relevant Legislation & Guidelines
	U U U U U U U U U U U U U U U U U U U	main concerns to address	8	D	С	0	~~~~~	
Landfill Ga								l .
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	All area/ Detailed design/ During construction/ During operation	Contractor(s)	•	•	•	Implemented	

#### Contract No. 13/WSD/16 Mainlaying in Tseung Kwan O Monthly EM&A Report



			1				
	of methane. carbon dioxide and oxygen.						
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)	•	•	<b>v</b>	N/A
\$12.7	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 monitored for a minimum of 10 minutes. A steady reading and peak reading should be recorded at each manhole/ utility pit	All area/ Detailed design/ During construction/ During operation	Contractor(s)	•	•	•	Implemented



	and for each measurement. The need for venting the manhole/ utility pit and further monitoring will be reviewed after the initial monitoring.					
\$12.7	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 minimized on-site.	Contractor(s)	•	•	~	Implemented



### Appendix D

# Impact Monitoring Schedule of the Reporting Month

# Contract No. 13/WSD/16 Mainlaying in Tseung Kwon O Environmental Monitoring Schedule (July 2024)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5 Impact Noise Monitoring	6
7	8	9	10	11 Impact Noise Monitoring	12	13
14	15	16	17 Impact Noise Monitoring	18	19	20
21	22	23 Impact Noise Monitoring	24	25	26	27
28	29	30	31			

The schedule may be changed due to unforeseen circumstances (adverse weather, etc.)



### Appendix E

# Noise Monitoring Equipment Calibration Certificate



# **Certificate of Calibration**

for

Description:	Sound Level Calibrator
Manufacturer:	RION
Type No.:	NC-75
Serial No.:	35124527

#### Submitted by:

Acuity Sustainability Consulting Limited Customer: Address: Unit E, 12/F, Ford Glory Plaza, Nos. 37-39 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong

#### Upon receipt for calibration, the instrument was found to be:

$\checkmark$	Within
	Outside

#### the allowable tolerance.

The test equipments used for calibration are traceable to National Standards via:

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 19 October 2023

Date of calibration: 27 October 2023

Date of NEXT calibration: 26 October 2024

Calibrated by: Calibration Technician

Certified by:

Date of issue: 27 October 2023

Mr. Ng Yan Wa Laboratory Manager



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Certificate No.: APJ23-090-CC002

Room 422, Leader Industrial Centre, 57-59 Au Pui Wan Street , Fo Tan, Shatin, N.T., Hong Kong Fax:(852) 2668 6946 Tel: (852) 2668 3423 Homenade: http://www.aa-lah.com F-mail: induiry@aa-lah.com



#### 1. Calibration Precautions:

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

#### 2. Calibration Specifications:

Calibration check

#### 3. Calibration Conditions:

Air Temperature:	24.4 °C
Air Pressure:	1013 hPa
<b>Relative Humidity:</b>	65.4 %

#### 4. Calibration Equipment:

Test Equipment	Туре	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV220061	HOKLAS
Sound Level Meter	RION NA-28	30721812	AV220120	HOKLAS

#### 5. Calibration Results

5.1 Sound Pressure Level

Nominal value	Accept lower level	Accept upper level	Measured value
dB	dB	dB	dB
94.0	93.6	94.4	94.0

Note:

The values given in this certification only related to the values measured at the time of the calibration.



Certificate No.: APJ23-090-CC002

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# **Certificate of Calibration**

#### for

Description:	Sound Level Meter
Manufacturer:	SVANTEK
Type No.:	SVAN 971 (Serial No.:C132261)
Microphone:	SV 7052E (Serial No.: 79778)
Preamplifier:	SVANTEK SV-18 (Serial No.:97276)
	Submitted by:

Customer: Acuity Sustainability Consulting Limited Address: Unit E, 12/F, Ford Glory Plaza, Nos. 37-39 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong

Upon receipt for calibration, the instrument was found to be:

✓ Within (31.5Hz − 4kHz)
 □ Outside

#### the allowable tolerance.

The test equipment used for calibration are traceable to National Standards via:

 The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 19 October 2023

Date of calibration: 27 October 2023

Date of NEXT calibration: 26 October 2024

Calibrated by: **Calibration Technician** 

Certified by: Mr. Ng Yan Wa

Date of issue: 27 October 2023

Certificate No.: APJ23-091-CC006

(A+A) \*L (A+

Laboratory Manager

Room 422,Leader Industrial Centre,57-59 Au Pui Wan Street ,Fo Tan, Shatin,N.T.,Hong Kong Tel: (852) 2668 3423 Fax:(852) 2668 6946 Homepage: http://www.aa-lab.com E-mail : inquiry@aa-lab.com

# (A+A)\*L Acoustics and Air Testing Laboratory Co. Ltd. 聲學及空氣測試實驗室有限公司

#### 1. Calibration Precaution:

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

#### 2. Calibration Conditions:

Air Temperature:	22.6 °C
Air Pressure:	1016 hPa
<b>Relative Humidity:</b>	65.3 %

#### 3. Calibration Equipment:

	Туре	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV220061	HOKLAS

#### 4. Calibration Results

Sound Pressure Level

Reference Sound Pressure Level

Setting of Unit-under-test (UUT)				App	lied value	UUT Reading,	IEC 61672 Class 1
Range, dB	e, dB Freq. Weighting Time Weighting		Level, dB	Frequency, Hz	dB	Specification, dB	
25-124.9	dBA	SPL	Fast	94	1000	94.0	±0.4

Linearity

Sett	ing of U	nit-under-t	est (UUT)	Арр	lied value	UUT Reading,	IEC 61672 Class 1 Specification, dB	
Range, dB	Freq.	Weighting	Time Weighting	Level, dB	Frequency, Hz	dB		
				94		94.0	Ref	
25-124.9	dBA	SPL	Fast	104	1000	104.0	±0.3	
				114		114.0	±0.3	

Time Weighting

Setting of Unit-under-test (UUT)				Appl	lied value	UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB	
25-124.9	dBA	CDI	Fast	94	1000	94.0	Ref	
23-124.9	uбА	SPL	Slow	94	1000	94.0	±0.3	

Certificate No.: APJ23-091-CC006



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# (A+A)\*L Acoustics and Air Testing Laboratory Co. Ltd. 聲學及空氣測試實驗室有限公司

Frequency Response

#### Linear Response

Setting of Unit-under-test (UUT)				Арр	lied value	UUT Reading,	IEC 61672 Class 1 Specification, dB	
Range, dB	Freq. Weighting   Time Weighting   Level, dB   Frequency, Hz		Frequency, Hz	dB				
					31.5	94.4	±2.0	
					63	94.3	±1.5	
				125	94.2	±1.5		
25-124.9	dB	SPL	Fast	04	250	94.1	±1.4	
23-124.9	ub	SFL		94	500	94.1	±1.4	
					1000	94.0	Ref	
					2000	93.8	±1.6	
					4000	93.3	±1.6	

#### A-weighting

Setting of Unit-under-test (UUT)				Арр	lied value	UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq.	Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB	
					31.5	55.1	-39.4 ±2.0	
				63	68.1	-26.2 ±1.5		
			125	78.1	-16.1 ±1.5			
25-124.9	dBA	BA SPL	Fast	94	250	85.5	-8.6 ±1.4	
23-124.9	UDA			94	500	90.8	-3.2 ±1.4	
			0.		1000	94.0	Ref	
				2000	95.0	+1.2 ±1.6		
					4000	94.3	+1.0 ±1.6	

#### C-weighting

Set	tting of	Unit-under-	test (UUT)	Арр	lied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq.	Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
					31.5	91.4	-3.0 ±2.0
					63	93.4	-0.8 ±1.5
		SPL	Fast	94	125	94.0	-0.2 ±1.5
25-124.9	IDC				250	94.1	-0.0 ±1.4
25-124.9	UDC				500	94.1	-0.0 ±1.4
					1000	94.0	Ref
			0		2000	93.6	-0.2 ±1.6
					4000	92.5	-0.8 ±1.6

Certificate No.: APJ23-091-CC006



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# (A+A)\*L Acoustics and Air Testing Laboratory Co. Ltd. 聲學及空氣測試實驗室有限公司

#### 5. Calibration Results Applied

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

94 dB 31.5 Hz ± 0.10 63 Hz ± 0.10 125 Hz ± 0.05 250 Hz ± 0.05 500 Hz  $\pm 0.05$ 1000 Hz  $\pm 0.05$ 2000 Hz  $\pm 0.05$ 4000 Hz  $\pm 0.05$ 104 dB 1000 Hz ± 0.05 114 dB 1000 Hz  $\pm 0.05$ 

Uncertainties of Applied Value:

The uncertainties are evaluated for a 95% confidence level.

Note:

The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. (A+A)\*L shall not be liable for any loss or damage resulting from the use of the equipment.



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### Appendix F

# Event / Action Plan for Noise Exceedance



#### Event and Action Plan for Construction Noise Monitoring

Event	Acti	on						
	ET		IEC		ER		Cor	ntractor
Action Level	2. 3. 4.	the source and cause of the complaint/ exceedance(s) Notify IEC, ER, and Contractor and report the results of investigation	2.	Review the analyzed results submitted by the ET Review the proposed remedial measures by the Contractor and advise the ER accordingly Supervise the implementation of remedial measures	1. 2. 3.	Confirm receipt of Notification of Exceedance in writing Require Contractor to propose remedial measures for the analysed noise problem Ensure remedial measures are properly implemented	1.	If required, to the IEC and ER
mit Level	2 3 4,5 6, 7,	Notify IEC, ER, EPD and Contractor Identify the source(s) of impact by reviewing all the relevant monitoring data and the corresponding construction activities. Exceedances should also be confirmed by immediate verification in the field as far as practical. Repeat measurement to confirm findings Increase monitoring frequency Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemente inform IEC, ER and EPD the cause & actions taken for the exceedances Assess effectiveness of Contractor's remedial actions and keep IEC, EPD ER informed of the results If exceedance stops, cease additional monitoring.	d.	<ol> <li>Discuss amongst ER, ET, and Contractor on the potential remedial actions</li> <li>Review Contractor's remedial actions to assure their effectiveness and advise the ER &amp;ET accordingly</li> <li>Supervise the implementation of the remedial measures</li> </ol>	2. 3. 4. 5.	Confirm receipt of notification of exceedance in writing Notify Contractor Require Contractor to propose remedial measures for the analyzed noise problem Ensure remedial measures are properly implemented If exceedance continuous, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is aborted	2. I 3. I 4. H 5. S	Take immediate action to avoid furthe exceedance (dentify practicable measures to minimize the noise impact. Submit proposals for remedial actions to ER within three working days of notification mplement the agreed proposals Resubmit proposal if problem still noi under control Stop the relevant portion of works as determined by the ER until the exceedance is abated



# Appendix G

# Noise Monitoring Data



#### Table G1Summary of Noise Monitoring Result

					Leq-5min	, dB(A)			L <sub>eq-30min</sub> ,	L <sub>10-30mins</sub> ,	L90-30mins	Limit	
Date	Time	Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	dB(A)	dB(A)	dB(A)	Level, dB(A)*	Noise Meter
05/07/2024	11:19 - 11:49	Fine	63.5	65.3	66.4	64	65.7	64.4	65.0	68.2	62.4	70.0	SVANTEK 971
11/07/2024	10:45 - 11:15	Fine	67.4	64.5	66.8	65.2	66.9	65.2	66.1	69.9	62.9	70.0	SVANTEK 971
17/07/2024	11:20 - 11:50	Fine	65.3	66.8	65.5	67.3	68.3	68.9	67.2	71.0	64.2	70.0	SVANTEK 971
23/07/2024	10:56 - 11:26	Sunny	67.2	65.3	64.2	65.3	66.9	65.2	65.8	69.1	62.5	70.0	SVANTEK 971

\*The Limit Level for education institutions is 65 dB(A) during examination period.



#### **Appendix H - Waste Flow Table**

	A	ctual Quantitie	es of Inert C&D	Materials Ger	nerated Month	ly	Actual	Quantities of N	ion-C&D Wast	es Generated I	Monthly
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Project	Disposed as Public Fill	Imported Fill	Metals	Paper / Cardboard packaging	Plastics	Chemical Waste	Other, e.g., general refuse
	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in'000kg)	(in'000kg)	(in'000kg)	(in'000kg)	(in '000m <sup>3</sup> )
Jan 2024	0.280	0.000	0.264		0.016	0.029		0.061			0.003
Feb 2024	0.135	0.000	0.135		0.000	0.010		0.042			0.002
Mar 2024	0.313	0.000	0.020		0.293	0.000		0.023			0.001
Apr 2024	0.119	0.000	0.030		0.089	0.028		0.031			0.002
May 2024	0.099	0.000	0.021		0.078	0.015		0.025			0.003
Jun 2024	0.462	0.000	0.035		0.427	0.030		0.041			0.004
Sub-total	1.408	0.000	0.505	0.000	0.903	0.112	0.000	0.223	0.000	0.000	0.015
Jul 2024	0.029	0.029	0.000		0.000	0.000		0.021			0.005
Aug 2024											
Sep 2024											
Oct 2024											
Nov 2024											
Dec 2024											
Total	1.437	0.029	0.505	0.000	0.903	0.112	0.000	0.244	0.000	0.000	0.020

Notes:

1) Total quantity Generated only refers to the actual Quantitates of inert C&D materials generated monthly excluding those that will be recycled (Hard rock & large broken concrete, reused in contract and reused in another contract). Imported fill will not be included in total quantity generated as those C&D materials are not generated from this project.

2) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.

3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging materials.



# Appendix I

# Landfill Gas Monitoring Equipment Calibration Certificate

Contract No. 13/WSD/16 Mainlaying in Tseung Kwan O Monthly EM&A Report



According to the Contractors, all pits or trenches were backfilled and undergo reinstatement. The landfill gas monitoring was ceased from February 2024.





### Landfill Gas Monitoring Data

Contract No. 13/WSD/16 Mainlaying in Tseung Kwan O Monthly EM&A Report



According to the Contractors, all pits or trenches were backfilled and undergo reinstatement. The landfill gas monitoring was ceased from February 2024.



# Appendix K

## Complaint Log and Regulatory Compliance Proforma



#### Table K-1 Statistical Summary of Environmental Complaints

Reporting Period	Environmental Complaint Statistics							
Reporting renou	Frequency	Cumulative	<b>Complaint Nature</b>					
1 – 31 July 2024	0	5	N/A					

#### Table K-2 Statistical Summary of Environmental Summons

Doporting Dovied	<b>Environmental Summons Statistics</b>							
Reporting Period	Frequency Cumulative		Details					
1 – 31 July 2024	0	0	N/A					

#### Table K-3 Statistical Summary of Environmental Prosecution

Donosting Doviod	I	Environmental Prosecution St	atistics
Reporting Period	Frequency Cumulative		Details
1 – 31 July 2024	0	0	N/A





### Site Inspection Proforma



Umit 1908. Nos. 301 305 Castle Peak Road, Kwai Chung, N.T. O 2331-6823 [ Fr 2333-1316 ] E: general@acuityhk.com | www.acuityhk.com

#### Contract no. 13/WSD/16 Mainlaying in Tseung Kwan O

#### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspection Date:	Jul 2 9=30	am	Inspected by:	ET	andy Tse Cultur	PM:	.S. Chan	
Weather Condition	Sunny	Fine	Overcast	Drizzle	Rain	Storm	Hazy	
Temperature	29 c		Humidity	High	Moderate	Low		
Wind	Calm	Light	Breeze	Strong				

		N/A	Yes	No	Photo/Remarks
0.01	General Is the current Environmental Permit displayed conspicuously at all vehicle site entrances/exits for public's information at any time?				
0.02	Is ET Leader's log-book kept readily available for inspections?				
100000000	Construction Dust Are dusty materials, such as excavated materials, building debris and construction materials, and exposed earth surface properly covered to prevent dust emission?				
1.02	Are screenings, enclosures, water spraying or vacuum cleaning devices provided to dusty construction works for dust suppression?				
1.03	Are fumes or smoke emitting plants or construction activities shielded by a screen?				
1.04	Are wheel-washing facilities with high-pressure water jets provided at all site exits?				
1.05	Is wheel-washing provided to all vehicles leaving the site?				
1.06	Are road section near the site exit free from dusty material?				
1.07	Are all main haul roads inside the site paved or sprayed with water to minimize dust emission during vehicle movement?				
1.08	Are water spraying provided immediately prior to any loading or transfer of dusty materials?				
1.09	Are covers provided to all dump trucks carrying dusty materials when entering and leaving the site?		$\square$		1
1.10	Are the working areas for uprooting of trees, shrubs, or vegetation or the removal of boulders, poles, pillars sprayed with water to maintain the entire surface wet?				1
1.11	Is exposed earth properly treated within six months after the last construction activity on site?				
1.12	Does the operation of plants on site free form dark smoke emission?				:



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#### Contract no. 13/WSD/16 Mainlaying in Tseung Kwan O

		N/A	Yes	No	Photo/Remarks
1.13	Are vehicles travelling at speed not exceeding 15km/hr within the site?				
-	Are stock of more than 20 bags of cement or day PFA covered or sheltered on top and 3 sides?		Ź		
	Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered areas?				
	Are hoarding of at least 2.4m high provided along the site boundary adjoining areas accessible by the public?				·
1.17	Is open burning prohibited?				
2.00	Construction Noise (Airborne)				
2.01	Are quiet plants adopted on site?				
	Are the PMEs operating on site well-maintained to minimize the generation of excessive niose?				
2.03	Are plants throttled down or turned off when not in use?		$\angle$		1
and the second	Are the plants known to emit noise strongly in one direction oriented to face away from NSRs?				
2.05	Are moveable barriers provided to screen NSRs from plant or noisy operations?				
	Are silencers, mufflers and enclosures provided to plants?				
	Are the hoods, cover panels and inspection hatches of PMEs closed during operation?				
	Are purposely-built site hoarding construction with appropriate materials provided along the site boundary?				
2.09	Are noisy operation properly scheduled to minimize exposure and cumulative impacts to nearby sensitive receivers?		$\square$		
2.10	Are valid noise emission label(s) affixed to all hand-held breakers operating on site?		$\square$		
	Are valid noise emission label(s) affixed to all air compressors operating on site?				
	Are all construction noise permit(s) applied for percussive piling work?		$\square$		
2.13	Are construction noise permit(s) applied for general construction works during restricted hours?				
2.14	Are valid construction noise permit(s) displayed at all vehicular exits?				
3.00	Water Quality		1		
3.01	Is effluent discharge license obtained for wastewater discharge from site?				7 <del>-11-11-11-11-11-11-11-11-11-11-11-11-11</del>
	Is effluent discharged according to the effluent discharge license?				/ <u></u>
3.03	Is wastewater discharge from site properly treated prior to discharge?		$\square$		

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#### Contract no. 13/WSD/16 Mainlaying in Tseung Kwan O

		N/A	Yes	No	Photo/Remarks
3.04	Are perimeter channels provided to intercept storm runoff from outside the site?				
100000	Are sand/silt removal facilities such as sand/silt traps and sediment basins provided to remove sand/silt particles from runoff?				
3.06	Is surface runoff diverted to sedimentation facilities?				
3.07	Is the drainage system properly maintained?				
3.08	Are construction works carefully programmed to minimize soil excavation works during rainy seasons?				
3.09	Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil erosion?		$\square$		
3.10	Are temporary access roads protected by crushed gravel?				
3.11	Are exposed slope surface properly protected?		$\square$		
3.12	Is trench excavation avoided in the wet season as far as practicable, or if necessary, backfilled in short sections after excavation?		$\square$		
3.13	Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction?				
3.14	Is runoff from wheel-washing facilities avoided?				M-1000 - 1000 - 1100 - 1100
3.15	Is oil leakage or spillage prevented?				
3.16	Are there any measures to prevent the release of oil and grease into the storm drainage system?				
3.17	Are the oil interceptors/ grease traps properly maintained?				
3.18	Are debris and rubbish generated on site collected, handled and disposed of properly to avoid them entering the streams?				1 <u></u>
3.19	Are all fuel tanks and storage areas provided with locks and be sited on sealed areas, within bunds of capacity equal to 110% of the storage capacity of the largest tank?				
3.20	Are tanks, containers, storage area bunded and the locations locked as far as possible from the sensitive watercourse and stormwater drains?				
3.21	Are sufficient chemical toilets provided on site to handle sewage from construction work force?				
3.22	Are sewage disposal and toilet maintenance of the portable chemical toilets provided by the licensed contractors?				
3.23	Is concrete washing water properly collected and treated prior to discharge?				
<b>4.00</b> 4.01	Waste Management Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at public filling facilities and landfills?		2		2 <del></del>



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#### Contract no. 13/WSD/16 Mainlaying in Tseung Kwan O

		N/A	Yes	No	Photo/Remarks
	Is a recording system implemented to record the amount of wastes generated, recycled and disposed of?		Z		3
4.03	Is the Contractor registered as a chemical waste producer?				
4.04	Are chemical waste separated from other waste and collected by a licensed chemical waste collector?		$\square$		
4.05	Are trip tickets for chemical waste disposal available for inspection?				5
4.06	Is chemical waste reused and recycled on site as far as practicable?		$\square$		÷
4.07	Are all containers for chemical waste properly labelled?				ŗ
4.08	Is chemical waste storage area used solely for storage of chemical waste and properly labelled?				( <del></del>
4.09	Are incompatible chemical wastes stored in different areas?				
4.10	Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated?				8
4.11	Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or of 20% by volume of the chemical waste stored in that area, whichever is the greatest, provide?		$\square$		
4.12	Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors?				
4.13	Are sufficient general refuse disposal/collection points provided on site?				
4.14	Is general refuse disposed of properly and regularly?				
4.15	Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste?				
4.16	Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation?				
4.17	Are C&D wastes sorted on site?				
4.18	Are C&D waste disposed of properly?				
4.19	Are unused C&D materials or chemicals recycled or reused to reduce the quantity of waste?				<u>v-</u> ,
4.20	Are public fill and C&D waste reuse on site as far as practicable to avoid disposal off-site?				
4.21	Are the construction materials stored properly to minimize the potential for damage or contamination?				
4.22	Is a dumping license obtained to deliver public fill to public filling areas?				

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#### Contract no. 13/WSD/16 Mainlaying in Tseung Kwan O

		N/A	Yes	No	Photo/Remarks
	Landscape and Visual				
5.01	Are Is site hoarding provided?		$\square$		
5.02	Are vegetation disturbance minimized or soil protected to reduce potential soil erosion?				[ <del>]</del>
5.03	Is construction light oriented away from the sensitive receivers?				
5.04	Is grass hydroseeding provided to slopes as soon as the completion of works?				
	Are damages to trees outside site boundary due construction works avoided?		$\square$		
5.06	Is excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees?				
5.07	Are the retained and transplanted tree(s) properly protected and in good conditions?				
5.08	Are surgery works carried out for damaged trees?				<del>,</del>
6.00	Ecology				
6.01	Is site runoff properly treated to prevent any silly runoff?				
6.02	Are silt trap installed and well-maintained?				(a
6.03	Are stockpiles properly covered to avoid generating silty runoff?				
6.04	Are construction works restricted to works area which are clearly defined?				
7.00	Overall		/	/	
7.01	Is the EM&A properly implemented in general?				



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#### Contract no. 13/WSD/16 Mainlaying in Tseung Kwan O

Remark / Follow up of Observation(s) and Non-compliance(s) of Last Weekly Site Inspection: Observation O At area A, no NRMM label was posted on the power for erator. Reminden B Ground water on site should be treated to meet the regimement of the discharge licence before discharged. Signatures: ET Contractor's WSD's IEC's Representative Representative Representative Representative (Name: Tandy Tsk (Name: Calin (Name: (Name: )





#### Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O

Observation(s)	Follow-up Action
Observation - Item 1	
Observed on 04 July 2024	Rectified by the Contractor on 9 July 2024
1. At area A, no NRMM label was posted on the	NRMM label posted on power generator
power generator.	accordingly.
	<image/> <image/>





#### Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O

#### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspection Date:	July 9=31	2019 2 am	Inspected by:	ET: Contractor:	andy Tse Colvin	WSD:	r. (am	
Weather		/						
Condition	Sunny	Fine	Overcast	Drizzle	Rain	Storm	Hazy	
Temperature	<u>32</u> c		Humidity	High	Moderate	Low		
Wind	Calm	Light	Breeze	Strong				

		N/A	Yes	No	Remarks
0.00	General				
0.01	Is the current Environmental Permit displayed conspicuously at all vehicle site		$\Box$		
	entrances/exits for public's information at any time?				
1.00	Construction Dust			<u></u>	··· · · · · · · · · · · · · · · · · ·
1.01	Are dusty materials, such as excavated materials, building debris and construction				
1.01	-		$\angle$		
1.00	materials, and exposed earth surface properly covered to prevent dust emission?				
1.02	Are screenings, enclosures, water spraying, or vacuum cleaning devices provided to dusty				
	construction works for dust suppression?				·
1.03	Are fumes or smoke emitting plants or construction activities shielded by a screen?				
1.04	Are wheel-washing facilities with high-pressure water jets provided at all sites exits?		$\square$		
1.05					
	Is wheel-washing provided to all vehicles leaving the site?				
1.06	Are road section near the site exit free from dusty material?				
1.07					
1.07	Are all main haul roads inside the site paved or sprayed with water to minimize dust				
	emission during vehicle movement?				
1.08	Are water spraying provided immediately prior to any loading or transfer of dusty				
	materials?				
1.09	Are covers provided to all dump trucks carrying dusty materials when entering and leaving				
	the site?		/		
1.10	Are the working areas for uprooting of trees, shrubs, or vegetation or the removal of				
	boulders, poles, pillars sprayed with water to maintain the entire surface wet?				
1.11	Is exposed earth properly treated within six months after the last construction activity on				
	site?		$\square$		
1.12	Does the operation of plants on site free form dark smoke emission?				
	Boos are operation of plans on site nee form dark shicke chrission?				
1.13	Are vehicles travelling at speed not exceeding 15km/hr within the site?				
1.14	Are stock of more than 20 bags of cement or day PFA covered or sheltered on top and 3			[]	
	sides?				
1.15	Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered				
	areas?		$\sim$		
1.16	Are hoardings of at least 2.4m high provided along the site boundary adjoining areas				
	accessible by the public?		$\square$		
1.17	Is open burning prohibited?			<u>-</u>	
	is open outning promoted?		$\square$		

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#### Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O

		N/A	Yes	No	Remarks
2.00	Construction Noise (Airborne)				
2.01	Are quiet plants adopted on site?				
2.02	Are the PMEs operating on site well-maintained to minimize the generation of excessive				
	noise?				
2.03	Are plants throttled down or turned off when not in use?		$\square$		
2,04	Are the plants known to emit noise strongly in one direction oriented to face away from	<b></b>			
	NSRs?				·
2.05	Are moveable barriers provided to screen NSRs from plant or noisy operations?				
2,06	Are silencers, mufflers and enclosures provided to plants?				
2.07	Are the hoods, cover panels and inspection hatches of PMEs closed during operation?				
2.08	Are purposely-built site hoarding construction with appropriate materials provided along the site boundary?				
2.09	Are noisy operation properly scheduled to minimize exposure and cumulative impacts to				
	nearby sensitive receivers?				<u></u>
2.10	Are valid noise emission label(s) affixed to all hand-held breakers operating on site?				
2.11	Are valid noise emission label(s) affixed to all air compressors operating on site?				
2.12	Are all construction noise permit(s) applied for percussive piling work?				
2.13	Are construction noise permit(s) applied for general construction works during restricted			<b>[</b> ]]]	
	hours?				
2.14	Are valid construction noise permit(s) displayed at all vehicular exits?		$\square$		
3.00	Water Quality				
3.01	Is effluent discharge license obtained for wastewater discharge from site?		<u>لک</u>	L	
3.02	Is effluent discharged according to the effluent discharge license?				
3.03	Is wastewater discharge from site properly treated prior to discharge?				
3.04	Are perimeter channels provided to intercept storm runoff from outside the site?				
3.05	Are sand/silt removal facilities such as sand/silt traps and sediment basins provided to remove sand/silt particles from runoff?		$\square$		
3.06	Is surface runoff diverted to sedimentation facilities?				,
3.07	Is the drainage system properly maintained?				
3.08	Are construction works carefully programmed to minimize soil excavation works during		K		
	rainy seasons?				
3,09	Are exposed soil surface protected by paving as soon as possible to reduce the potential of				
	soil erosion?	╽╘┛			
3.10	Are temporary access roads protected by crushed gravel?		$\square$		
3.11	Is trench excavation avoided in the wet season as far as practicable, or if necessary,		/		
	backfilled in short sections after excavation?		$\square$		



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Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O

			Vas	NI-	
		N/A	Yes	No	Remarks
3.12	Are exposed slope surface properly protected?				
3.13	Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric				
	during construction?				
3.14	Is runoff from wheel-washing facilities avoided?				_
3.15	Is oil leakage or spillage prevented?		Ī		
3.16	Are there any measures to prevent the release of oil and grease into the storm drainage				
	system?				
3.17	Are the oil interceptors/ grease traps properly maintained?				
3.18	Are debris and rubbish generated on site collected, handled and disposed of properly to				
	avoid them entering the streams?		$\square$		
3.19	Are all fuel tanks and storage areas provided with locks and be sited on sealed areas, within		<b> </b>		
	bunds of capacity equal to 110% of the storage capacity of the largest tank?				
3.20	Are tanks, containers, storage area bunded and the locations locked as far as possible from				
	the sensitive watercourse and stormwater drains?				
3.21	Are sufficient chemical toilets provided on site to handle sewage from construction work				
	force?		$\square$		
3.22	Are sewage disposal and toilet maintenance of the portable chemical toilets provided by				
	the licensed contractors?		$\square$		
3.23	Is concrete washing water properly collected and treated prior to discharge?				
4.00	Waste Management				
4.01	Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at				
	public filling facilities and landfills?		$\square$		
4.02	Is a recording system implemented to record the amount of wastes generated, recycled and			_	
	disposed of?				
4.03	Is chemical waste separated from other waste and collected by a licensed chemical waste				
	collector?				<u> </u>
4.04	Are trip tickets for chemical waste disposal available for inspection?				
4.05	Is chemical waste reused and recycled on site as far as practicable?		$\overline{\mathbf{N}}$	$\overline{\square}$	
4.06	Are all containers for chemical waste properly labelled?			$\overline{\square}$	
4.07	Is drip tray provided for chemical storage?			$\exists$	
4.00					
4.08	Is chemical waste storage area used solely for storage of chemical waste and properly		$\lceil 7 \rceil$		
	labelled?		Ľ		
4.09	Are incompatible chemical wastes stored in different areas?		Ń		
4.10	Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated?		T		
4.11	Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of			·	
	the largest container or of 20% by volume of the chemical waste stored in that area,		,		
	whichever is the greatest, provide?		$\square$		
4.12	Is a routine cleaning and maintenance programme implemented for drainage systems,				
	sump pits, and oil interceptors?		$\square$		





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<b>Contract No.:</b>	13/WSD/16	Mainlavi	ng in Tseu	ng Kwan O
COM				

		N/A	Yes	No	Remarks
4.13	Are sufficient general refuse disposal/collection points provided on site?				
4,14	Is general refuse disposed of properly and regularly?				
4.15	Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste?				
4.16	Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation?		Z		
4.17	Are C&D wastes sorted on site?				
4.18	Are C&D waste disposed of properly?				
4.19	Are unused C&D materials or chemicals recycled or reused to reduce the quantity of waste?		$\square$		
4.20	Are public fill and C&D waste reuse on site as far as practicable to avoid disposal off-site?				
4.21	Are the construction materials stored properly to minimize the potential for damage or contamination?				
4,22	Is a dumping license obtained to deliver public fill to public filling areas?				
<b>5.00</b> 5.01	Landscape and Visual Are Is site hoarding provided?		$\square$		
5.02	Are vegetation disturbance minimized or soil protected to reduce potential soil erosion?		$\square$		
5.03	Is construction light oriented away from the sensitive receivers?		$\square$		
5.04	Is grass hydroseeding provided to slopes as soon as the completion of works?				
5.05	Are damages to trees outside site boundary due construction works avoided?				
5.06	Are excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees?				
5.07	Are the retained and transplanted tree(s) properly protected and in good conditions?				·····
5.08	Are surgery works carried out for damaged trees?				
<b>6.00</b> 6.01	Ecology Is site runoff properly treated to prevent any silly runoff?		$\square$		<u>_</u>
6.02	Are silt trap installed and well-maintained?				
6.03	Are stockpiles properly covered to avoid generating silty runoff?				
6.04	Are construction works restricted to works area which are clearly defined?				
<b>7.00</b> 7.01	Overall Is the EM&A properly implemented in general?		$\square$		<u></u>



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#### Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O

Remark / Observation(s) / Recommendation and Non-compliance(s) of Weekly Site Inspection:

No observation

Signatures:			
ET	Contractor's	WSD's	IEC's
Representative	Representative	Representative	Representative
C	QUIN	. An	
(Name: Tandy]	ce (Name: Calvin Ch	R (Name: El Loun Al	(1()1) (Name: )





#### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspection Date: 18 July 2024	Inspected by:	ET: Toby Wan	wsd: W.S Chan
Inspection Time: 9:30		Contractor: Andy Cheung	IEC:
Weather			
Condition Sunny Fine	Overcast	Drizzle Rain	Storm Hazy
Temperature 33 C	Humidity	High Moderate	Low
Wind Calm Light	Breeze	Strong	

		N/A	Yes	No	Remarks
	General				
0.01	Is the current Environmental Permit displayed conspicuously at all vehicle site entrances/exits for public's information at any time?		$\checkmark$		
1.00	Construction Dust				
1.01	Are dusty materials, such as excavated materials, building debris and construction		$\checkmark$		
	materials, and exposed earth surface properly covered to prevent dust emission?				
1.02	Are screenings, enclosures, water spraying, or vacuum cleaning devices provided to dusty construction works for dust suppression?		$\checkmark$		
1.03	Are fumes or smoke emitting plants or construction activities shielded by a screen?		$\checkmark$		
1.04	Are wheel-washing facilities with high-pressure water jets provided at all sites exits?	$\checkmark$			
1.05	Is wheel-washing provided to all vehicles leaving the site?	$\checkmark$			
1.06	Are road section near the site exit free from dusty material?		$\checkmark$		
1.07	Are all main haul roads inside the site paved or sprayed with water to minimize dust				
	emission during vehicle movement?		$\checkmark$		
1.08	Are water spraying provided immediately prior to any loading or transfer of dusty materials?	$\checkmark$			
1.09	Are covers provided to all dump trucks carrying dusty materials when entering and leaving				
	the site?		$\checkmark$		
1.10	Are the working areas for uprooting of trees, shrubs, or vegetation or the removal of				
	boulders, poles, pillars sprayed with water to maintain the entire surface wet?		$\checkmark$		
1.11	Is exposed earth properly treated within six months after the last construction activity on site?		$\checkmark$		
1.12	Does the operation of plants on site free form dark smoke emission?		$\checkmark$		
1.13	Are vehicles travelling at speed not exceeding 15km/hr within the site?		$\checkmark$		
1.14	Are stock of more than 20 bags of cement or day PFA covered or sheltered on top and 3				
	sides?		$\checkmark$		
1.15	Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered areas?		$\checkmark$		
1.16	Are hoardings of at least 2.4m high provided along the site boundary adjoining areas				
	accessible by the public?	$\checkmark$			
1.17	Is open burning prohibited?	$\checkmark$			





		N/A	Yes	No	Remarks
2.00	Construction Noise (Airborne)				
2.01	Are quiet plants adopted on site?		$\checkmark$		
2.02	Are the PMEs operating on site well-maintained to minimize the generation of excessive				
	noise?		V		
2.03	Are plants throttled down or turned off when not in use?		$\checkmark$		
2.04	Are the plants known to emit noise strongly in one direction oriented to face away from				
	NSRs?		$\checkmark$		
2.05	Are moveable barriers provided to screen NSRs from plant or noisy operations?	$\checkmark$			
2.06	Are silencers, mufflers and enclosures provided to plants?		$\checkmark$		
2.07	Are the hoods, cover panels and inspection hatches of PMEs closed during operation?		$\checkmark$		
2.08	Are purposely-built site hoarding construction with appropriate materials provided along				
	the site boundary?				
2.09	Are noisy operation properly scheduled to minimize exposure and cumulative impacts to nearby sensitive receivers?	$\checkmark$			
2.10	Are valid noise emission label(s) affixed to all hand-held breakers operating on site?				
	The value noise emission rabel(s) arrived to an nand new breakers operating on site.				
2.11	Are valid noise emission label(s) affixed to all air compressors operating on site?	$\checkmark$			
2.12	Are all construction noise permit(s) applied for percussive piling work?	$\checkmark$			
2.13	Are construction noise permit(s) applied for general construction works during restricted				
	hours?		$\checkmark$		
2.14	Are valid construction noise permit(s) displayed at all vehicular exits?		$\checkmark$		
3.00	Water Quality				
3.01	Is effluent discharge license obtained for wastewater discharge from site?	$\checkmark$			
3.02	Is effluent discharged according to the effluent discharge license?	$\checkmark$			
3.03	Is wastewater discharge from site properly treated prior to discharge?	$\checkmark$			
3.04	Are perimeter channels provided to intercept storm runoff from outside the site?	$\checkmark$			
3.05	Are sand/silt removal facilities such as sand/silt traps and sediment basins provided to				
	remove sand/silt particles from runoff?	$\checkmark$			
3.06	Is surface runoff diverted to sedimentation facilities?	$\checkmark$			
3.07	Is the drainage system properly maintained?		$\checkmark$		
3.08	Are construction works carefully programmed to minimize soil excavation works during				
	rainy seasons?				
3.09	Are exposed soil surface protected by paving as soon as possible to reduce the potential of				
	soil erosion?				
3.10	Are temporary access roads protected by crushed gravel?	$\checkmark$			
3.11	Is trench excavation avoided in the wet season as far as practicable, or if necessary,				
	backfilled in short sections after excavation?		$\checkmark$		
		I			





		N/A	Yes	No	Remarks
3.12	Are exposed slope surface properly protected?	$\checkmark$			
3.13	Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction?				
2.14					
3.14	Is runoff from wheel-washing facilities avoided?	$\checkmark$			
3.15	Is oil leakage or spillage prevented?		$\checkmark$		
3.16	Are there any measures to prevent the release of oil and grease into the storm drainage system?		$\checkmark$		
3.17	Are the oil interceptors/ grease traps properly maintained?		$\checkmark$		
3.18	Are debris and rubbish generated on site collected, handled and disposed of properly to				
	avoid them entering the streams?		$\checkmark$		
3.19	Are all fuel tanks and storage areas provided with locks and be sited on sealed areas, within				
	bunds of capacity equal to 110% of the storage capacity of the largest tank?		$\checkmark$		
3.20	Are tanks, containers, storage area bunded and the locations locked as far as possible from				
	the sensitive watercourse and stormwater drains?		$\checkmark$		
3.21	Are sufficient chemical toilets provided on site to handle sewage from construction work force?				
3.22	Are sewage disposal and toilet maintenance of the portable chemical toilets provided by				
3.22	the licensed contractors?	$\checkmark$			
3.23	Is concrete washing water properly collected and treated prior to discharge?	$\checkmark$			
4.00	Waste Management				
4.01	Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at		<b></b>		
	public filling facilities and landfills?		$\checkmark$		
4.02	Is a recording system implemented to record the amount of wastes generated, recycled and				
	disposed of?		$\checkmark$		
4.03	Is chemical waste separated from other waste and collected by a licensed chemical waste				
	collector?		$\checkmark$		
4.04	Are trip tickets for chemical waste disposal available for inspection?		$\checkmark$		
4.05	Is chemical waste reused and recycled on site as far as practicable?		$\checkmark$		
4.06	Are all containers for chemical waste properly labelled?		$\checkmark$		
4.07	Is drip tray provided for chemical storage?		$\checkmark$		
4.08	Is chemical waste storage area used solely for storage of chemical waste and properly		$\checkmark$		
	labelled?				
4.09	Are incompatible chemical wastes stored in different areas?		$\checkmark$		
4.10	Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated?		$\checkmark$		
4.11	Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of				
	the largest container or of 20% by volume of the chemical waste stored in that area,				
	whichever is the greatest, provide?		$\checkmark$		
4.12	Is a routine cleaning and maintenance programme implemented for drainage systems,				
	sump pits, and oil interceptors?		$\checkmark$		





	Contract No.: 13/WSD/16 Mainlaying in Tse	N/A	Yes	No	Remarks
4.13	Are sufficient general refuse disposal/collection points provided on site?				
	Are sufficient general refuse disposal/collection points provided on site?		$\checkmark$		
4.14	Is general refuse disposed of properly and regularly?		$\checkmark$		
4.15	Are appropriate measures adopted to minimize windblown litter and dust during				
	transportation of waste?		v		
4.16	Are individual collectors for aluminum cans, plastic bottles and packaging material and				
	office paper provided to encourage waste segregation?		$\checkmark$		
4.17	Are C&D wastes sorted on site?		$\checkmark$		
4.18	Are C&D waste disposed of properly?		$\checkmark$		
4.19	Are unused C&D materials or chemicals recycled or reused to reduce the quantity of				
	waste?		$\checkmark$		
4.20	Are public fill and C&D waste reuse on site as far as practicable to avoid disposal off-site?		$\checkmark$		
4.21	Are the construction materials stored properly to minimize the potential for damage or				
L	contamination?		$\checkmark$		
4.22	Is a dumping license obtained to deliver public fill to public filling areas?		$\checkmark$		
5.00	Landscape and Visual				
5.01	Are Is site hoarding provided?	$\checkmark$			
5.02	Are vegetation disturbance minimized or soil protected to reduce potential soil erosion?		$\checkmark$		
5.03	Is construction light oriented away from the sensitive receivers?		$\checkmark$		
5.04	Is grass hydroseeding provided to slopes as soon as the completion of works?		$\checkmark$		
5.05	Are damages to trees outside site boundary due construction works avoided?		$\checkmark$		
5.06	Are excavation works carried out manually instead of machinery operation within 2.5m				
	vicinity of any preserved trees?	$\checkmark$			
5.07	Are the retained and transplanted tree(s) properly protected and in good conditions?		$\checkmark$		
5.08	Are surgery works carried out for damaged trees?	$\checkmark$			
6.00	Ecology				
6.01	Is site runoff properly treated to prevent any silly runoff?	$\checkmark$			
6.02	Are silt trap installed and well-maintained?	$\checkmark$			
6.03	Are stockpiles properly covered to avoid generating silty runoff?	$\checkmark$			
6.04	Are construction works restricted to works area which are clearly defined?		$\checkmark$		
7.00	Overall				
7.01	Is the EM&A properly implemented in general?		$\checkmark$		





18/7/2024 Obs L. The construction waste should be cleared regularly. (Area A) Remark / Observation(s) / Recommendation and Non-compliance(s) of Weekly Site Inspection: Signatures: WSD's IEC's Contractor's ET Representative Representative Representative Representativ Mrg (Name: Alex Chi (Name: Any CHEURON (Name: V.S. Cham (Name: Tory Wan) )





Observation(s)	Follow-up Action
Observation - Item 1	
Observed on 08 July 2024	Rectified by the Contractor on
1. The construction waste should be cleared regularly.	Waste was cleared.
(Area A)	





#### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspection Date: <u>25</u>	July 2024		Inspected by:		by Wan	wsd: <u> </u>	
Inspection Time: 9:	30			Contractor:	alvin Chik	IEC:	
Weather							
Condition	Sunny	Fine	Overcast	Drizzle	Rain	Storm	Hazy
Temperature	31 °C		Humidity	High	Moderate	Low	
Wind	Calm	Light	Breeze	Strong			

		N/A	Yes	No	Remarks
0.00	General				
0.01	Is the current Environmental Permit displayed conspicuously at all vehicle site		$\checkmark$		
	entrances/exits for public's information at any time?				
1.00	Construction Dust				
1.01	Are dusty materials, such as excavated materials, building debris and construction materials, and exposed earth surface properly covered to prevent dust emission?		$\checkmark$		
1.02	Are screenings, enclosures, water spraying, or vacuum cleaning devices provided to dusty				
1.02	construction works for dust suppression?		$\checkmark$		
1.03					
	Are fumes or smoke emitting plants or construction activities shielded by a screen?		$\checkmark$		
1.04	Are wheel-washing facilities with high-pressure water jets provided at all sites exits?	$\checkmark$			
1.05	Is wheel-washing provided to all vehicles leaving the site?	$\checkmark$			
1.06	Are road section near the site exit free from dusty material?		$\checkmark$		
1.07	Are all main haul roads inside the site paved or sprayed with water to minimize dust				
	emission during vehicle movement?		$\checkmark$		
1.08	Are water spraying provided immediately prior to any loading or transfer of dusty				
1.00	materials?				
1.09	Are covers provided to all dump trucks carrying dusty materials when entering and leaving the site?		$\checkmark$		
1.10	Are the working areas for uprooting of trees, shrubs, or vegetation or the removal of				
	boulders, poles, pillars sprayed with water to maintain the entire surface wet?		$\checkmark$		
1.11	Is exposed earth properly treated within six months after the last construction activity on				
	site?		$\checkmark$		
1.12	Does the operation of plants on site free form dark smoke emission?		$\checkmark$		
1.13	Are vehicles travelling at speed not exceeding 15km/hr within the site?		$\checkmark$		
1.14	Are stock of more than 20 bags of cement or day PFA covered or sheltered on top and 3				
	sides?		$\checkmark$		
1.15	Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered areas?		$\checkmark$		
1.16	Are hoardings of at least 2.4m high provided along the site boundary adjoining areas				
	accessible by the public?	$\checkmark$			
1.17	Is open burning prohibited?	$\checkmark$			





		N/A	Yes	No	Remarks
2.00	Construction Noise (Airborne)				
2.01	Are quiet plants adopted on site?		$\checkmark$		
2.02	Are the PMEs operating on site well-maintained to minimize the generation of excessive noise?		$\checkmark$		
2.03	Are plants throttled down or turned off when not in use?		$\checkmark$		
2.04	Are the plants known to emit noise strongly in one direction oriented to face away from				
	NSRs?		$\checkmark$		
2.05	Are moveable barriers provided to screen NSRs from plant or noisy operations?	$\checkmark$			
2.06	Are silencers, mufflers and enclosures provided to plants?		$\checkmark$		
2.07	Are the hoods, cover panels and inspection hatches of PMEs closed during operation?		$\checkmark$		
2.08	Are purposely-built site hoarding construction with appropriate materials provided along the site boundary?	$\checkmark$			
2.09	Are noisy operation properly scheduled to minimize exposure and cumulative impacts to nearby sensitive receivers?				
2.10	Are valid noise emission label(s) affixed to all hand-held breakers operating on site?				
2.11	Are valid noise emission label(s) affixed to all air compressors operating on site?				
2.12	Are all construction noise permit(s) applied for percussive piling work?				
2.13	Are construction noise permit(s) applied for general construction works during restricted				
	hours?		$\checkmark$		
2.14	Are valid construction noise permit(s) displayed at all vehicular exits?		$\checkmark$		
3.00	Water Quality				
3.01	Is effluent discharge license obtained for wastewater discharge from site?				
3.02	Is effluent discharged according to the effluent discharge license?	$\checkmark$			
3.03	Is wastewater discharge from site properly treated prior to discharge?	$\checkmark$			
3.04	Are perimeter channels provided to intercept storm runoff from outside the site?	$\checkmark$			
3.05	Are sand/silt removal facilities such as sand/silt traps and sediment basins provided to				
	remove sand/silt particles from runoff?	$\checkmark$			
3.06	Is surface runoff diverted to sedimentation facilities?	$\checkmark$			
3.07	Is the drainage system properly maintained?		$\checkmark$		
3.08	Are construction works carefully programmed to minimize soil excavation works during		$\checkmark$		
	rainy seasons?				
3.09	Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil erosion?	$\checkmark$			
3.10	Are temporary access roads protected by crushed gravel?				
3.11	Is trench excavation avoided in the wet season as far as practicable, or if necessary,				
	backfilled in short sections after excavation?		$\checkmark$		





		N/A	Yes	No	Remarks
3.12	Are exposed slope surface properly protected?	$\checkmark$			
3.13	Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction?	$\overline{\mathbf{v}}$			
3.14					
	Is runoff from wheel-washing facilities avoided?	$\checkmark$			
3.15	Is oil leakage or spillage prevented?		$\checkmark$		
3.16	Are there any measures to prevent the release of oil and grease into the storm drainage system?		$\checkmark$		
3.17	Are the oil interceptors/ grease traps properly maintained?		$\checkmark$		
3.18	Are debris and rubbish generated on site collected, handled and disposed of properly to				
	avoid them entering the streams?		$\checkmark$		
3.19	Are all fuel tanks and storage areas provided with locks and be sited on sealed areas, within bunds of capacity equal to 110% of the storage capacity of the largest tank?		$\checkmark$		
3.20	Are tanks, containers, storage area bunded and the locations locked as far as possible from				
5.20	the sensitive watercourse and stormwater drains?		$\checkmark$		
3.21	Are sufficient chemical toilets provided on site to handle sewage from construction work				
	force?				
3.22	Are sewage disposal and toilet maintenance of the portable chemical toilets provided by the licensed contractors?	$\checkmark$			
3.23	Is concrete washing water properly collected and treated prior to discharge?				
4.00	Waste Management				
4.01	Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at public filling facilities and landfills?		$\checkmark$		
4.02	Is a recording system implemented to record the amount of wastes generated, recycled and				
	disposed of?		$\checkmark$		
4.03	Is chemical waste separated from other waste and collected by a licensed chemical waste				
	collector?		$\checkmark$		
4.04	Are trip tickets for chemical waste disposal available for inspection?		$\checkmark$		
4.05	Is chemical waste reused and recycled on site as far as practicable?		$\checkmark$		
4.06	Are all containers for chemical waste properly labelled?		$\checkmark$		
4.07	Is drip tray provided for chemical storage?			$\checkmark$	Obs 1
4.08	Is chemical waste storage area used solely for storage of chemical waste and properly		$\checkmark$		
4.00	labelled?				
4.09	Are incompatible chemical wastes stored in different areas?		$\checkmark$		
4.10	Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated?		$\checkmark$		
4.11	Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of				
	the largest container or of 20% by volume of the chemical waste stored in that area,				
	whichever is the greatest, provide?		$\checkmark$		
4.12	Is a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors?		$\checkmark$		
	<b> </b>			·	





	Contract No.: 13/WSD/16 Mainlaying in Tse	N/A	Yes	No	Remarks
4.13	Are sufficient general refuse disposal/collection points provided on site?				
	Are sufficient general refuse disposal/collection points provided on site?		$\checkmark$		
4.14	Is general refuse disposed of properly and regularly?		$\checkmark$		
4.15	Are appropriate measures adopted to minimize windblown litter and dust during				
	transportation of waste?		v		
4.16	Are individual collectors for aluminum cans, plastic bottles and packaging material and				
	office paper provided to encourage waste segregation?		$\checkmark$		
4.17	Are C&D wastes sorted on site?		$\checkmark$		
4.18	Are C&D waste disposed of properly?		$\checkmark$		
4.19	Are unused C&D materials or chemicals recycled or reused to reduce the quantity of				
	waste?		$\checkmark$		
4.20	Are public fill and C&D waste reuse on site as far as practicable to avoid disposal off-site?		$\checkmark$		
4.21	Are the construction materials stored properly to minimize the potential for damage or				
L	contamination?		$\checkmark$		
4.22	Is a dumping license obtained to deliver public fill to public filling areas?		$\checkmark$		
5.00	Landscape and Visual				
5.01	Are Is site hoarding provided?	$\checkmark$			
5.02	Are vegetation disturbance minimized or soil protected to reduce potential soil erosion?		$\checkmark$		
5.03	Is construction light oriented away from the sensitive receivers?		$\checkmark$		
5.04	Is grass hydroseeding provided to slopes as soon as the completion of works?		$\checkmark$		
5.05	Are damages to trees outside site boundary due construction works avoided?		$\checkmark$		
5.06	Are excavation works carried out manually instead of machinery operation within 2.5m				
	vicinity of any preserved trees?	$\checkmark$			
5.07	Are the retained and transplanted tree(s) properly protected and in good conditions?		$\checkmark$		
5.08	Are surgery works carried out for damaged trees?	$\checkmark$			
6.00	Ecology				
6.01	Is site runoff properly treated to prevent any silly runoff?	$\checkmark$			
6.02	Are silt trap installed and well-maintained?	$\checkmark$			
6.03	Are stockpiles properly covered to avoid generating silty runoff?	$\checkmark$			
6.04	Are construction works restricted to works area which are clearly defined?		$\checkmark$		
7.00	Overall				
7.01	Is the EM&A properly implemented in general?		$\checkmark$		





Remark / Observation(s) / Recommendation and Non-compliance(s) of Weekly Site Inspection:	
Site Inspection Date : 25 July 2024	
1 Obel	
Chemical containers should be stored properly.	drip tray should
Chemical containers should be stored properly, be provided to prevent chemical leakage. (near	HK Velodrome)
	,
	12.1
10	
Signatures:	
ET Contractor's WSD's IEC's Representative Representative Representative Representative	ative
The I CHWW	
(Name: Toby Wan) (Name: Calvin Chik (Name: The Lone) (Name:	)





Observation(s)	Follow-up Action		
Observation - Item 1			
Observed on 25 July 2024	Rectified by the Contractor on		
1. Chemical containers should be stored properly.	Chemical containers were removed.		
Drip tray should be provided to prevent chemical			
leakage. (Near HK Velodrome)			



# Appendix M

# Proactive Environmental Protection Proforma



#### Proactive Environmental Protection for the Next Reporting Month

Reporting Period	Activity	Major Environmental Impact	Environmental Mitigation Measure
1- 31 July 2024	<ul> <li>Road pavement reinstatement,</li> <li>Remaining works installation of accessories for completed chambers</li> </ul>	<ul> <li>Construction dust</li> <li>Noise generation;</li> <li>Construction waste</li> <li>Impact of water quality</li> <li>Ecology</li> </ul>	<ul> <li>Dust suppression by regular wetting and water spraying</li> <li>Reduction of noise from equipment and machinery on-site</li> <li>Sorting and storage of general refuse and construction waste</li> <li>Chemical shall be stored properly with drip tray.</li> <li>Treatment of water with water treatment facilities before discharge.</li> <li>Rainwater pumped from trench should be discharged via waster water treatment facilities.</li> <li>Retained tree shall be carefully protected and tree protect zone should be established.</li> </ul>



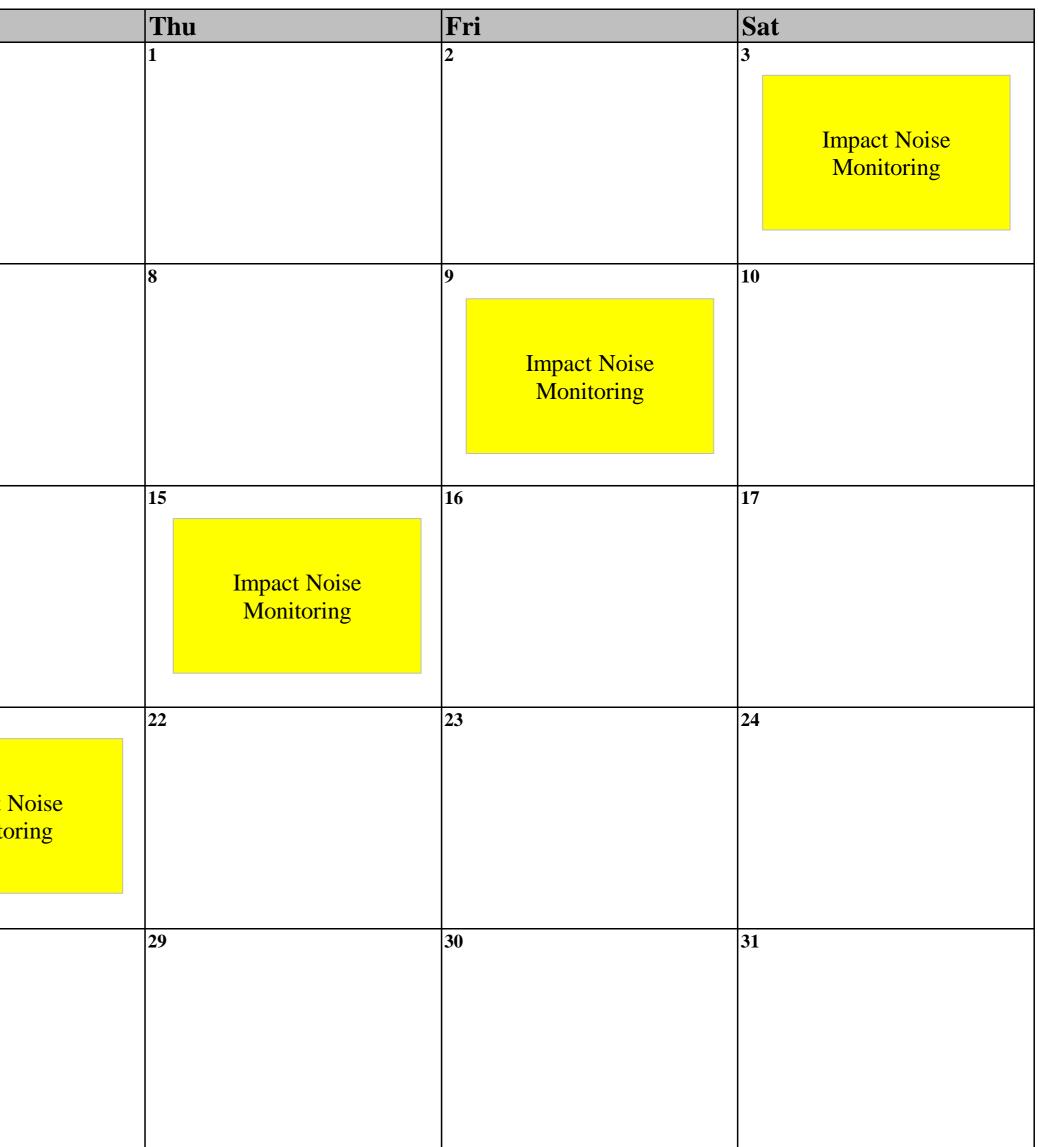
# Appendix N

# Impact Monitoring Schedule of Next Reporting Month

# Contract No. 13/WSD/16 Mainlaying in Tseung Kwon O Tentative Environmental Monitoring Schedule (August 2024)

Sun	Mon	Tue	Wed
4	5	6	7
11	12	13	14
18	19	20	21 Impact N Monito
25	26	27 Impact No Monitori	oise ing

The schedule may be changed due to unforeseen circumstances (adverse weather, etc.)







## Academic Calendar (s)



### 啓 思 中 學 CREATIVE SECONDARY SCHOOL

### 2023/24 Creative Secondary School Calendar

August // // // // // // // // // // // // //	Sun 13 20 27	Mon 14 21A 28F	Tue 15 22B	Wed 16 23C	17	Fri 18	Sat 19	Particulars/Remarks 14-16/8 F1 Bridging Programme. 17/8 F1, F5 Orientation. 18/8 Whole School Assembly
September 0	20 27	21A				18	19	14-16/8 E1 Bridging Programme 17/8 E1 E5 Orientation 18/8 Whole School Assembly
September 2	27		22B	230				The offert and the offertal and the offertal and the offertal offe
September 2	27				24D	25E	26	
October	2	-	29G		31B			
October	2					1C	2	
October		40	65	CE.	70			
October	3	4D	5E	6F	7G	8A	9	
October	10	11B	12C	13D	14E	15F	16	15/9 Swimming Gala
October	17	18G	19A	20B	21C	22D	23	19/9 MY1 & F1 3-way conference
	24	25E	26F	27G	28A	29	30	29/9 The 1st PD Day. 30/9 The day following the Chinese Mid-Autumn Festival
	1	2	3B	4C	5D	6E	7	2/10 The day following National Day
	8	9F	10G	11A	12B	13C	14	9/10 F6 3-way conference
	15	16	17	18	19	20	21	16-22/10 Term Break
	22	23	24D	25E	26F	27G	28	23/10 Chung Yeung Festival
	29	20 30A	31B	ZUL	201	210	20	
	29	JUA	310					
November				1C	2D	3E	4	1/11 Hong Kong University Road Show. 2/11 F5 3-way conference
	5	6F	7G	8A	9B	10C	11	11/11 Open Day
	12	<u>13</u>	14D	15E	16F	17G	18	13/11 The Monday following Open Day
	19	20A	21B	22	23C	24	25	22/11 The 2nd PD Day. 23/11 F3 3-way conference. 24/11 Sports Day Day 1
	26	27D	28E	29F	30G		20	30/11-20/12 F5 DSE assessment weeks
			_~~	-•1		14	2	
December		15		05		1A	2	30/11-20/12 F5 DSE assessment weeks
	3	4B	5C	6D	7E	8F	9	
	10	11	12A	13B	14C	15	16	11/12 the day after election 12/12 F2 3-way conference. 15/12 Sports Day Day 2
	17	18D	19E	20F	21	<u>22</u>	<u>23</u>	21/12 Creative Christmas Festival (half day). 22/12-6/1 Christmas Holiday
	<u>24</u>		26	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	25/12 Christmas Day. 26/12 The first weekday after Christmas
	31							
January		1	2	3	4	5	6	
bandary	7		 9A	<b>⊻</b> 10B	 11C	<u>2</u> 12D	13	8-19/1 F6 Mock exams
		8G					-	
	14	15E	16F	17G	18A	19B	20	
	21	22C	23D	24E	25F	26G	27	22/1 F4 3-way conference
	28	29A	30B	31C				
February					1D	2E	3	
	4	5F	6	7	8	9	10	6/2 Creative Chinese Festival (half day). 10/2 Lunar New Year
	11	12	13	14	15	16	17	7-17/2 Chinese New Year Holiday
	_	19G	20A	21B	22C	23D		
	18	190	20A	210	220	230	24	
	25	26E	27F	28G	29A			
	20	LOL	271	200	2011	40		
March						1B	2	2/3 The Hispanic Festival
								6/3 MYI/F1 3-way conference. 8/3 F6 HKDSE last school day
	3	4C	5D	6E	7F	8G	9	0/3 WTI/FT 3-way contelence. 0/3 FOTIKDSE last school day
	10	11A	12B	13C	14D	15E	16	
	17	18	19	20	21	22	23	18-22/3 Creative Week
	24	25F	26G	27A	<u>28</u>	29	30	27/3 F6 IBDP last school day. 29/3 Good Friday, 30/3 The day following good Friday
	31							31/3 Easter Sunday. 28/3-6/4 Easter Holiday
April		1	<u>2</u>	<u>3</u>	4	<u>5</u>	<u>6</u>	1/4 Easter Monday. 4/4 Ching Ming Festival
	7	8B	9C	10D	11E	12F	13	11-16/4 HKDSE exams (core subjects)
	14	15G	16A	17B	18C	19D	20	17/4-6/5 HKDSE exams (elective subjects). 24/4-16/5 IBDP exams
	21	22E	23F	24G	25A	26B	27	23/4-24/4 F3 TSA Chinese and English Speaking Test
	28	29C	30D		-07	-00		······································
	20				25	25	4	1/5 Lobour Dov
May		0.0		1	2E	3F	4	1/5 Labour Day
	5	6G	7A	8B	9C	10D	11	6-17/5 F5 IBDP Exams
	12	13E	14F	15	16G	17A	18	15/5 Buddha's Birthday
	19	20B	21C	22D	23E	24F	25	20-30/5 F5 HKDSE exam. 24-30/5 F4 HKDSE Exams
	26	27G	28A	29B	30C	31		31/5 The 3rd PD Day
June						Í	1	· · · · · ·
	2	3D	4E	5F	6G	7A	8	
								10/6 Dragon Root Eastival
	9	10		12C	13D	14E	15	10/6 Dragon Boat Festival
	16	17F		19A	20B	21C	22	19/6-20/6 F3 TSA Chinese and English Written Test
	23	24D	25E	26F	27G	28	29	28/6 Last school day (half day)
	30							
July		1	2	3	4	5	6	1/7 Hong Kong Special Administrative Region Establishment Day
	7	<u>8</u>	<u>9</u>	<u></u>	<u>-</u> <u>11</u>	<u></u>	<u>13</u>	2/7 -10/8 Summer Holiday
	_							
	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	
	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	
	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>				
August					<u>1</u>	<u>2</u>	<u>3</u>	
_	<u>4</u>	<u>5</u>	<u>6</u>	7	<u>8</u>	<u>9</u>	<u>10</u>	
	11	12	13	14	15	16	17	
	18	19	20	21	22	23	24	

Staff Development Day