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Attn: Mr. Ken Ho

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Independent Environmental Checker for Drainage Improvement Works at Yuen Long – Stage 2

#### Verification of Monthly EM&A Report (March 2024) (Revision 3)

11 August 2025

Dear Sir,

We refer to the Revised Monthly EM&A Report under the captioned Project, which was provided by the Environmental Team on 7 August 2025 and certified by the Environmental Team Leader appointed under Condition 2.1 of the Environmental Permit No. EP-596/2021 (hereinafter referred to as "EP").

We would like to inform you that we have no adverse comment on the captioned submission. Therefore, we hereby verify the abovementioned submission in accordance with EP Conditions 1.9 and 4.4.

Should you have any queries regarding the captioned, please contact our Hin Chan at 2828 5764 or the undersigned at 2828 5751.

Yours faithfully for MOTT MACDONALD HONG KONG LIMITED

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Drainage
Improvement Works
Near Four Villages in
Yuen Long – Sung
Shan New Village, Tai
Wo, Lin Fa Tei and Ha
Che

Monthly Environmental Monitoring and Audit (EM&A) Report (March 2024)

Wing Tat Civil Engineering Co. Limited

Revision: 3 2025-08-07



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# **Executive Summary**

A1. This is the 2<sup>nd</sup> Monthly Environmental Monitoring and Audit (EM&A) Report for Drainage Improvement Works Near Four Villages in Yuen Long (the Project). This report was prepared by Aurecon Hong Kong Limited under Contract No. DC/2022/02 Drainage Improvement Works at Yuen Long – Stage 2 (hereinafter called the "Contract"). This report documents the findings of EM&A works during the reporting period from 1 March to 31 March 2024.

## **Key Construction Works in the Reporting Period**

A2. A summary of construction activities undertaken during the reporting period is presented below:

#### Ha Che

- Site Clearance Work;
- Lifting Operation;
- Plant Operation;
- Excavation; and
- Sheet Piling.

#### Lin Fa Tei

- Site Clearance Work;
- Lifting Operation;
- Plant Operation; and
- Excavation.

#### <u>Tai Wo</u>

No construction activities.

## Sung Shan New Village

No construction activities.

## **Environmental Monitoring and Audit Programme**

A3. The monthly EM&A programme was undertaken by the ET in accordance with the approved EM&A Manual. A summary of the monitoring and audit activities during the reporting period is presented in **Table A1**.

Table A1 Summary of EM&A activities in the Reporting Period

EM&A Activities	Date
Water Quality Monitoring	Ha Che: 1, 4, 6, 8, 11, 13, 15, 18, 20, 22, 25 and 27 March 2024
	Lin Fa Tei and Tai Wo: 20, 22, 25 and 27 March 2024

EM&A Activities	Date		
Noise Monitoring	<u>Ha Che:</u> 1, 8, 15, 22 and 27 March 2024		
	Lin Fa Tei and Tai Wo: 22 and 27 March 2024		
Weekly Environmental Site Inspection	6, 15, 20, 22 and 26 March 2024		

## **Breaches of Action and Limit Levels**

A4. Summary of the environmental exceedances of the reporting month is tabulated in **Table A2**.

Table A2 Summary of Exceedances in the Reporting Period

Environmental Monitoring	Parameter	No. of non- project related exceedances		Total No. of non-project related exceedances	No. of exceedances related to the the project		Total No. of exceedance related to the project
		AL	LL	caccadiices	AL	LL	project
	DO	2	0	2	0	0	0
Water Quality	Turbidity	0	0	0	0	0	0
	SS	0	2	2	0	0	0
Noise	L <sub>eq(30mins)</sub>	0	0	0	0	0	0

#### Water Quality

A5. All water quality monitoring was conducted as scheduled in the reporting period. Two (2) limit level exceedances for SS and two (2) action level exceedances of DO during impact water quality monitoring were recorded. After investigation, all exceedances were considered non-project related.

## **Noise**

A6. No Action Level or Limit Level exceedance was recorded for construction noise monitoring in the reporting period.

## **Complaint Log**

A7. No environmental complaint was received in the reporting period.

## **Notification of Summons and Successful Prosecutions**

A8. No notification of summons or successful prosecutions was received in the reporting period.

## **Reporting Changes**

A9. Construction works at Lin Fa Tei and Tai Wo were commenced on 20 March 2024 and the corresponding construction phase EM&A programme at Lin Fa Tei and Tai Wo were begun on 20 March 2024.

A10. The noise monitoring at LFT\_M7 was suspended since 27 March 2024 due to the objection from property management office for providing access to designated monitoring location. The noise monitoring at LFT\_M7 will be resumed when the access to the monitoring location is granted.

## **Future Key Issues**

A11. The major site activities for the next reporting period are summarized below:

#### Ha Che

- Lifting Operation;
- Plant Operation;
- Excavation;
- Sheet Piling; and
- Installation of Precast unit.

## Lin Fa Tei

- Site Clearance Work
- Lifting Operation;
- Plant Operation; and
- Excavation.

#### <u>Tai Wo</u>

No construction activities.

## Sung Shan New Village

No construction activities.

# 1 Introduction

# 1.1 Project Background

- 1.1.1 The Drainage Master Plan Studies for the Yuen Long, Kam Tin, Ngau Tam Mei and Tin Shui Wai Drainage Basin (YLDMP) were completed in 1998. The majority of the improvement works in Yuen Long and Kam Tin recommended under the YLDMP Study have been completed. Since completion of the DMP Studies, there have been changes in developments within the areas and new development proposals and town planning studies were commissioned. In addition, some new flooding complaints were received at the upstream areas of the drainage basins, indicating that further improvement to the drainage systems was required.
- 1.1.2 The Drainage Services Department (DSD) commissioned the "Review of Drainage Master Plans in Yuen Long and North Districts Feasibility Study" (the Review Study) in 2008 so that the new development scenarios could be incorporated and the effectiveness of the previously recommended works could also be assessed. The Review Study completed in end 2011 identified that some areas in Yuen Long District could not meet the required flood protection level according to the latest land use changes and future developments taking into account various factors, including sedimentation at the downstream main channels, mangrove growth at river estuaries, updated extreme sea level statistics at Tsim Bei Tsui and projected climate change impacts, in the hydraulic analysis. To account for the severity and extent of possible flooding and the works implementation time, the Review Study proposed drainage improvement works in Yuen Long District.
- 1.1.3 Atkins China Ltd (ACL) was commissioned by the DSD in November 2013 to undertake an Investigation, Design and Construction Consultancy entitled "Agreement No. CE 22/2013 (DS) Drainage Improvement Works in Yuen Long, Stage 1 Investigation, Design and Construction" (hereinafter called the Assignment). The Project comprises construction of drainage improvement works to four villages (namely Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che) including landscaping, waterscaping, utilities diversion, temporary traffic arrangements, re-provisioning/ improvements to existing dry weather flow intercepting system and any other works incidental to the completion of the Project.
- 1.1.4 An Environmental Impact Assessment (EIA) Study Brief (ESB-279/2014) for four villages namely Ha Che, Tai Wo, Lin Fa Tei and Sung Shan New Village which is a designated project was issued by the Environmental Protection Department (EPD) on 14 October 2014.
- 1.1.5 The EIA Report for Drainage Improvement Works Near Four Villages in Yuen Long Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che (referred to as "the Project") (Register No. AEIAR-229/2021) was approved on 3 June 2021 and the Environmental Permit (EP) EP-596/2021, covering the Upgrading, Construction and Deepening of the Project was granted on 28 September 2021.
- 1.1.6 Aurecon Hong Kong Limited (Aurecon) is commissioned by the Wing Tat Civil Engineering Co. Limited to undertake the Environmental Team (ET) services and carry out the Environmental Monitoring and Audit (EM&A) for Drainage Improvement Works Near Four Villages in Yuen Long Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che (Register No. EP-596/2021).

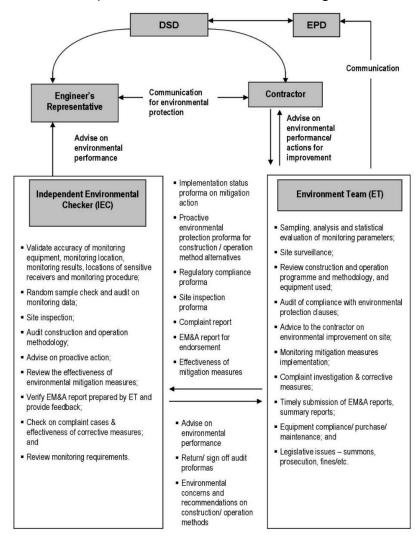
1.1.7 This is the 2<sup>nd</sup> Monthly EM&A Report summarizing the key findings of the construction phase EM&A programme from 1 March to 31 March 2024 (the reporting period) and is submitted to fulfil the requirements in Condition 4.4 of EP-596/2021 and Section 12.2 of the approved EM&A Manual of the Project.

## 1.2 Construction Works Programme

1.2.1 The construction programme and the location plan of the Project are shown in **Appendix 1.1** and **Figure 1.1** respectively. The locations of the proposed drainage improvement works at the four villages are presented in **Figures 1.2a** to **Figures 1.2d**.

## 1.3 Project Organisation

1.3.1 Involvement of relevant parties in a collaborative and interactive manner is essential for the implementation of the recommended EM&A programme. The following sections outline the primary responsibilities and duties of the key EM&A programme participants. The lines of communication with respect to EM&A works are shown in **Diagram 1.1**.



**Diagram 1.1 Organisation Chart** 

1.3.2 Parties with different levels of involvement in the Project organisation are summarized in **Table** 1.1.

**Table 1.1 Parties Involved in Project Organisation** 

Parties	Organization / Company	
Project Proponent	Drainage Services Department	
Supervisor / Engineer's Representative (ER)	Atkins China Ltd	
Contractor	Wing Tat Civil Engineering Co. Limited	
Environmental Tea m (ET)	Aurecon Hong Kong Limited	
Independent Environmental Checker (IEC)	Mott MacDonald Hong Kong Limited	

1.3.3 The key personnel contact names and numbers are summarized in **Appendix 1.2**.

# 1.4 Construction Works Programme and Construction Works Area

1.4.1 The construction works commenced on 20 February 2024. The construction works programme and the construction works area of the Project are shown in **Appendix 1.1** and **Figure 1.1** respectively. A summary of construction activities undertaken during this reporting period is presented below:

## Ha Che

- Site Clearance Work
- Lifting Operation;
- Plant Operation;
- Excavation; and
- Sheet Piling.

#### Lin Fa Tei

- Site Clearance Work
- Lifting Operation;
- Plant Operation; and
- Excavation.

#### Tai Wo

No construction activities.

#### Sung Shan New Village

No construction activities.

# 1.5 Summary of Environmental Status

1.5.1 A summary of the relevant permits, licences, and/ or notifications on environmental protection for this Project is presented in **Table 1.2**.

Table 1.2 Status of Environmental License, Notifications and Permits

Permit / License No.	Valid Per	Status					
Fermit / License No.	From	То	Status				
Environmental Permit							
EP-596/2021	28/09/2021	N/A	Valid				
Notification pursuant to Air Pollution Conf	trol (Construction Dust) Re	gulation					
Ref. Number: 497623	29/09/2023	N/A	Valid				
Billing Account for Disposal of Construction	Billing Account for Disposal of Construction Waste						
7048880	18/10/2023	N/A	Valid				
Registration of Chemical Waste Producer							
5213-526-W3771-01	02/11/2023	N/A	Valid				
Effluent Discharge License under Water Pollution Control Ordinance							
N/A	N/A	N/A	Under application				

- 1.5.2 The status for all environmental aspects is presented in **Table 1.3**.
- 1.5.3 The EM&A programme has been implemented in accordance with the recommendations presented in the approved EIA Report and the approved 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 1.3**.

Table 1.3 Summary of Status for Key Environmental Aspects under the Approved EM&A Manual

Parameters	Status
Water Quality	
Baseline Monitoring under Approved EM&A Manual	The baseline water quality monitoring results have been reported in the Baseline Monitoring Report and submitted to the EPD under EP Condition 4.3.
Impact Monitoring	The regular impact water quality monitoring was commenced at Ha Che on 21 February 2024. Since construction works were commenced at Lin Fa Tei and Tai Wo on 20 March 2024, impact water quality monitoring at Lin Fa Tei (i.e. C6, C7A and C8) and Tai Wo (i.e. C4 and C5) were started on 20 March 2024.
Noise	
Baseline Monitoring	The baseline noise monitoring results have been reported in the Baseline Monitoring Report and submitted to the EPD under EP Condition 4.3.

Parameters	Status
Impact Monitoring	The weekly impact noise monitoring was commenced at Ha Che on 23 February 2024. Since construction works were commenced at Lin Fa Tei and Tai Wo on 20 March 2024, impact noise monitoring at Lin Fa Tei (i.e. LFT_M1, LFT_M3A, LFT_M7 and LFT_M11) and Tai Wo (i.e. TW_M2 and TW_M3) were started 20 March 2024. The noise monitoring at LFT_M7 was suspended since 27 March 2024 due to the objection from property management office for providing access to designated monitoring location. The noise monitoring at LFT_M7 will be resumed when the access to the monitoring location is granted.
Ecology	
Freshwater Crab Translocation Plan (FCTP)	The EPD had no further comment on the submitted FCTP on 9 February 2024. Pre-construction survey at Ha Che was carried out between 5 and 7 February 2024. Pre-construction survey at Lin Fa Tei (for sections CH.A0.00 ~ CH.A200.00 and CH.C117.50 ~ CHD.239.03) was carried out between 11 and 13 March 2024.
Habitat Creation and Management Plan (HCMP)	The first draft of HCMP was submitted to the EPD and the Agriculture, Fisheries and Conservation Department (AFCD) on 22 December 2023. Following comments from the EPD and AFCD dated 17 January 2024, the HCMP is pending for further revision.
Mitigation Measures listed in the Approved EM&A Manual	On-going
Waste Management	
Mitigation Measures listed in the Approved EM&A Manual	On-going On-going
Land Contamination	
Mitigation Measures listed in Approved EM&A Manual	No suspected contamination was observed or reported by the Contractor in the reporting period.
Landscape and Visual	
Landscape and Visual Mitigation Plan (LVMP)	The first draft of LVMP was submitted to the EPD, the AFCD and the Planning Department (PlanD) on 22 December 2023. Following comments from the EPD, AFCD and PlanD on 7 February 2024, the LVMP is pending for further revision.
Weekly Site Audit	On-going On-going
Mitigation Measures listed in the Approved EM&A Manual	On-going Control of the control of t
Cultural Heritage	
Archaeological Survey	Archaeological survey will be carried out at site area within Lin Fa Tei of Archaeological Interest.
Mitigation Measures listed in the Approved EM&A Manual	On-going
Environmental Audit	
Site Inspection covering Measures of Air Quality, Noise, Water Quality, Waste, Land Contamination, Ecological Quality, Landscape and Visual Impacts and Cultural Heritage	On-going

# 2 Water Quality

# 2.1 Monitoring Requirement

- 2.1.1 In accordance with the approved EM&A Manual, impact water quality monitoring should be carried out three days per week at all designated monitoring stations during the construction period. The interval between two sets of monitoring should not be less than 36 hours.
- 2.1.2 Replicate in-situ measurements of dissolved oxygen (DO), temperature, turbidity, pH, and suspended solids (SS) for each independent sampling event shall be collected to ensure a robust statistically interpretable database.

# 2.2 Monitoring Location

2.2.1 Impact water quality monitoring was conducted at C4, C5, C6, C7A, C8, C9 and C10 (**Table 2.1**). The locations of water quality monitoring stations are shown in **Figure 2.1a** to **Figure 2.1d**.

**Table 2.1 Summary of Impact Water Quality Monitoring Stations** 

Table 2.1 Summary of impact water Quanty Monitoring Stations					
Stroom	Monitoring	Coordinate	es (HK Grid)	Damanta	
Stream	ID	Easting	Northing	Remarks	
	C1A (1)	821702	831945	Alternative Impact Monitoring Point	
SSNV	C2	822459	831470	Control Monitoring Point	
	C3A (2)	822413	831284	Alternative Control Monitoring Point	
TW	C4	825497	830664	Control Monitoring Point	
1 77	C5	825486	830716	Impact Monitoring Point	
	C6	827232	831713	Control Monitoring Point	
LFT	C7A (3)	826865	832115	Alternative Control Monitoring Point	
	C8	826513	832075	Impact Monitoring Point	
НС	C9	828304	835029	Control Monitoring Point	
ПС	C10	827919	834271	Impact Monitoring Point	

Notes:

- (1) At Station C1, access to safe sampling of water is not feasible due to steep banks on both sides of the stream channel. An alternative monitoring location is proposed at Station C1A, which is about 250 m along the same stream channel downstream of Station C1 and is accessible for safe water sampling
- (2) During the first day of baseline monitoring at Station C3, shallow water was observed, and the ET could not sample enough water for monitoring. As agreed by the ER, the Contractor, and the IEC, a new sampling location, Station C3A, was identified at about 130 m upstream and was accessible for water sampling.
- (3) For Station C7, the location is not close to the nearest, revised works boundary (about 200 m away). An alternative monitoring location is proposed at Station C7A, which is about 23 m upstream of the nearest, revised works boundary.

## 2.3 Monitoring Parameter and Frequency

2.3.1 The monitoring parameters, frequency and duration of impact water quality monitoring are listed in **Table 2.2**.

Table 2.2 Parameters measured in the Impact Water Quality Monitoring

Parameter	Frequency	Duration
Dissolved oxygen (DO), temperature, turbidity, salinity, pH, stream water depth and suspended solids (SS)	3 days in a week	Throughout the construction phase

2.3.2 Monitoring location and position, time, sampling depth, weather conditions and any special phenomena or work underway nearby are recorded during the impact monitoring.

# 2.4 Sampling Depths & Replication

- 2.4.1 During impact water quality monitoring, each station was sampled. Due to shallow water depths (less than 3 m) with low flow rates in rivers, all the monitoring would be located at mid-depth level.
- 2.4.2 Duplicate water samples were collected at each sampling depth for laboratory measurement of SS. Samples were stored in high density polythene bottles, packed in ice (cooled to 4 °C without being frozen), and delivered to the laboratory on the same day of collection for analysis.

# 2.5 Monitoring Equipment

2.5.1 The measurement of DO, temperature, turbidity, salinity, pH and stream water depth were undertaken in-situ. In-situ monitoring instruments in compliance with the specifications listed under Section 6.3 of the approved EM&A Manual were adopted to undertake the water quality monitoring for the Project. Water quality monitoring equipment with the following specifications shall be supplied and maintained by the ET.

#### <u>Dissolved Oxygen and Temperature Measuring Equipment</u>

- 2.5.2 The instrument for measuring dissolved oxygen and temperature should be portable and weatherproof complete with cable, sensor, and use DC power source. The equipment was capable of measuring:
  - A dissolved oxygen level in the range of 0 20 mg/L and 0 200% saturation; and
  - The temperature within 0 45 °C.

2.5.3 It should have a membrane electrode with automatic temperature compensation connected with a cable. Sufficient stocks of spare electrodes and cables should be available for replacement where necessary (e.g. YSI model 59 meter, YSI 5739 probe, YSI 5795A submersible stirrer with reel and cable or an approved similar instrument).

<u>pH</u>

2.5.4 pH meter (e.g. Hanna – HI 9024 or equivalent) should be used to measure pH value of water samples in-situ. It should be readable to 0.1 pH in a range of 0 to 14. Standard buffer solutions of at least pH 7 to pH 10 shall be used for calibration of the instrument before and after use.

#### **Turbidity Measurement Equipment**

2.5.5 The instrument should be a portable, weatherproof turbidity-measuring instrument with a comprehensive operation manual. The equipment should use a DC power source. It should have a photoelectric sensor capable of measuring turbidity between 0 and 1000 NTU and be equipped with a cable (e.g. Hach model 2100P or an approved similar instrument).

## Suspended Solids

- 2.5.6 A water sampler should comprise a transparent PVC cylinder, with a capacity of not less than 2 litres, and should be effectively sealed with latex cups at both ends. The sampler should have a positive latching system to keep it open and prevent premature closure until released by a messenger when the sampler is at the selected water depth (e.g. Kahlsico Water Sampler or an approved similar instrument).
- 2.5.7 Water samples for suspended solids measurement shall be collected in high density polythene bottles, packed in ice (chilled to 4 °C without being frozen), and delivered to the laboratory as soon as possible after collection.

#### Water Depth Detector

- 2.5.8 A portable, battery-operated echo sounder should be used for determining water depth at each designated monitoring station.
- 2.5.9 For shallow water (less than 1 m deep), a portable water depth ruler will be used to measure water depth.

#### Monitoring Position Equipment

2.5.10 A hand-held digital Global Positioning System (GPS) or other equivalent instrument of similar accuracy shall be provided and used during water quality monitoring to ensure the water sampling locations are correct during water quality monitoring work.

#### Water Sampling Equipment

- 2.5.11 A transparent PVC or glass cylinder, which has a volume of not less than 2 litres and can be sealed at both ends with cups, should be equipped with a positive latching system. During the water sampling, a messenger is released to trigger the closure of the water sampler at suitable water depth.
- 2.5.12 For sampling location with shallow water depth, plastic bucket would be used instead.

#### Calibration of In-situ Instruments

- 2.5.13 All in-situ monitoring instruments should be checked, calibrated and certified by a laboratory accredited under HOKLAS or another international accreditation scheme before use, and subsequently re-calibrated at 3-monthly intervals throughout all stages of the water quality monitoring. Responses of sensors and electrodes should be checked with certified standard solutions before each use. Wet bulb calibration for a DO meter should be carried out before measurement at each monitoring location.
- 2.5.14 For the on-site calibration of field equipment, the BS 127:1993, Guide to Field and On-Site Test Methods for the Analysis of Water should be observed.

#### Back-up Equipment

- 2.5.15 Sufficient stocks of spare parts should be maintained for replacements when necessary. Backup monitoring equipment shall also be made available so that monitoring can proceed uninterruptedly even when some equipment is under maintenance, calibration, etc.
- 2.5.16 **Table 2.3** summarizes the equipment used in the water quality monitoring programme. Copies of the calibration certificates of multi-parameter water quality monitoring system are shown in **Appendix 2.1**.

**Table 2.3 Water Quality Monitoring Equipment** 

				oring Equipme		
Equipment	Model	Quantity	Serial No.	Parameter	Range	Accuracy
Water Sampler	Wildco 2.2L Water Sampler with messenger or plastic bucket (used in shallow water depth)	1	N/A	N/A	N/A	N/A
					0 to 500%	<ul> <li>0 to 200%: ±1% of reading</li> <li>200 to 500%: ±8% of reading</li> </ul>
Multi- functional Water Quality	YSI ProDSS (multi- parameters)	2	15M101091 and 22C106561	Dissolved Oxygen (DO)	0 to 50 mg/L	0 to 20 mg/L: ±0.1 mg/L or 1% of reading, whichever is greater     20 to 50 mg/L: ±8% of reading
Meter	parameters)		220100301	Temperature	-5 to 50 °C	±0.2 °C
				рН	0 to 14 pH units	±0.2 pH units
			Turbidity	0 to 4000 NTU	0 to 999 NTU: 0.3 NTU or ±2% of reading, whichever is greater     1000 to 4000 NTU: ±5% of reading	
Water Depth Ruler	鼎峯 0708	1	NA*	Water depth	0 – 7 m (Used for water depth less than 1 m)	±0.01 m
Positioning Equipment	Garmin (GPSmap 78s)	1	1WL223754	Positioning	N/A	GPS: ±1m

## 2.6 Monitoring Methodology

- 2.6.1 Water samples were collected at an appropriate water depth using a sealable transparent PVC or glass cylinder. For locations with shallow water depth, a plastic bucket was used as an alternative. Usually, water was then transferred to the sample bottles until they were filled to the top with no remaining air space before the lid was securely screwed on. For samples that were preserved with acid or alkalis prior to transport to the laboratory, the samples bottles were filled to the level specified by the analytical laboratory.
- 2.6.2 Multi-functional water quality meters were checked, calibrated and certified by Quality Pro Test-Consult Limited (HOKLAS reg no. 259) before use, and would be subsequently re-calibrated at 3-monthly intervals throughout all stages of the water quality monitoring. Responses of sensors and electrodes should be checked with certified standard solutions before each use. Wet bulb calibration for a DO meter should be carried out before measurement at each monitoring location. For the on-site calibration of field equipment, the BS 127:1993, Guide to Field and On-Site Test Methods for the Analysis of Water should be observed.
- 2.6.3 Water samples for suspended solids measurement were collected in high density polythene bottles, packed in ice (chilled to 4 °C being frozen), and delivered to the laboratory as soon as possible after collection.
- 2.6.4 Water sampling equipment deployed during the monitoring programme was decontaminated by manual washing and rinsed with clean distilled water after each sampling location.
- 2.6.5 All sampling bottles were labelled with the sample ID (including the indication of sampling station), laboratory number and sampling date. Water samples were dispatched to the testing laboratory for analysis as soon as possible after the sampling. All samples were stored in a cool box and kept at less than 4 °C but without frozen. All water samples were handled under chain of custody protocols and relinquished to the laboratory representatives at locations specified by the laboratory. The laboratory determination works were started within 24 hours after collection of water samples.

#### **Laboratory Analytical Methods**

2.6.6 Analysis of SS was carried out by a HOKLAS accredited laboratory (Acumen Laboratory and Testing Limited). At least two replicate samples from each independent sampling event were collected for the SS measurement. Sufficient water samples (about 3,000 mL) were collected at the monitoring stations for carrying out the laboratory SS determination. The analytical method for suspended solids is presented in **Table 2.4**.

**Table 2.4 Method for Laboratory Analysis for Water Samples** 

Parameters	Analytical Method	Detection Limit
Suspended Solid (SS)	APHA 17ed 2540-D (1)	1 mg/L or better

Note:

(1) APHA American Public Health Association Standard Methods for the Examination of Water and Wastewater.

# 2.7 QA/QC Requirements

#### **Decontamination Procedures**

2.7.1 Water sampling equipment used during the course of the monitoring process was decontaminated by manual washing and rinsed with distilled water after each sampling event. All of the disposable components/ accessories were discarded after sampling.

#### Sampling Management and Supervision

2.7.2 All sampling bottles were labelled with the sample ID numbers (including the sampling stations), and sampling date. Water samples were dispatched to the testing laboratory for analysis as soon as possible. All the collected samples were stored in a cool box to keep the temperature less than 4 as possible after the sampling. All water samples were handled under chain of custody protocols and relinquished to the laboratory representatives at locations specified by the laboratory.

#### **Quality Control Measures for Sample Testing**

- 2.7.3 Quality control of laboratory analysis of water samples was performed by Acumen Laboratory and Testing Limited for every batch of 20 samples:
  - One method blank; and
  - One set of QC sample

## 2.8 Action and Limit Level for Water Quality Monitoring

2.8.1 The criteria of action and limit levels for water quality monitoring are defined in **Table 2.5**.

Table 2.5 Action and Limit Levels for Water Quality

Parameters	Action Level	Limit Level
DO in mg/L	< 5%-ile of baseline data	< 4 mg/L or < 1%-ile of baseline data
SS in mg/L	> 95%-ile of baseline data or >120% of upstream control station of the same day	> 99%-ile of baseline data or 130% of upstream control station of the same day
Turbidity in NTU	> 95%-ile of baseline data or >120% of upstream control station of the same day	> 99%-ile of baseline data or > 130% of upstream control station of the same day

#### Notes:

- (1) For DO, non-compliance of the water quality limit occurs when monitoring result is lower than the limit.
- (2) For SS and turbidity, non-compliance of the water quality limit occurs when monitoring result is higher than the limit.
- (3) All the figures given in the table are used for reference only and the EPD may amend the figures whenever it is considered necessary.
- 2.8.2 Based on the criteria listed in **Table 2.5**, the action and limit levels for water quality are determined in **Table 2.6**.

Table 2.6 Action and Limit Levels of Water Quality

Stream	Monitoring ID	Parameters	Action	Limit
		DO in mg/L	6.72	4 (1)
SSNV	C1A	SS in mg/L	7.3 or >120% of upstream control station of the same day	8.5 or > 130% of upstream control station of the same day
		Turbidity in NTU	10.37 or >120% of upstream control station of the same day	10.81 or > 130% of upstream control station of the same day
		DO in mg/L	8.36	4 (2)
TW	SS in mg		9.9 or > 120% of upstream control station of the same day	10.0 or > 130% of upstream control station of the same day
		Turbidity in NTU	13.64 or > 120% of upstream control station of the same day	13.87 or > 130% of upstream control station of the same day
		DO in mg/L	5.38	4 (3)
LFT	C8	SS in mg/L	6.3 or > 120% of upstream control station of the same day	7.0 or > 130% of upstream control station of the same day
		Turbidity in NTU	12.46 or > 120% of upstream control station of the same day	12.94 or > 130% of upstream control station of the same day
		DO in mg/L	2.55	2.43 (4)
НС	SS in mg/L		8.7 or > 120% of upstream control station of the same day	8.8 or > 130% of upstream control station of the same day
	-	Turbidity in NTU	20.06 or > 120% of upstream control station of the same day	21.07 or > 130% of upstream control station of the same day

#### Notes:

- (1) The 1%-ile of baseline DO data at C1A is 6.61 mg/L, which is higher than 4 mg/L. Thus, DO concentration of 4 mg/L, which is in line with the Water Quality Objectives, is adopted as the limit level
- (2) The 1%-ile of baseline DO data at C5 is 8.09 mg/L, which is higher than 4 mg/L. Thus, DO concentration of 4 mg/L, which is in line with the Water Quality Objectives, is adopted as the limit level.
- (3) The 1%-ile of baseline DO data at C8 is 5.36 mg/L, which is higher than 4 mg/L. Thus, DO concentration of 4 mg/L, which is in line with the Water Quality Objectives, is adopted as the limit level
- (4) The 1%-ile of baseline DO data at C10 is 2.43 mg/L, which is lower than 4 mg/L. Taking account of the baseline water quality condition and to minimise any false alarm of water quality deterioration during construction phase, DO concentration of 2.43 mg/L is adopted as the limit level.

## 2.9 Event and Action Plan

2.9.1 Should any non-compliance of the criteria occur, action in accordance with the Event and Action Plan in **Appendix 2.2** shall be followed. Investigation of the exceedances of environmental quality performance limits should be conducted, and the ET will immediately notify the IEC and EPD, as appropriate. The notification should be followed up with advice to the IEC and EPD on the results of the investigation, proposed actions and success of the action taken, with any necessary follow-up proposals.

## 2.10 Results and Observations

- 2.10.1 All water quality monitoring was conducted as scheduled in the reporting month. The water quality monitoring schedule for this reporting month is shown in **Appendix 2.3**. The monitoring results and graphical presentation of water quality monitoring at the monitoring stations are shown in **Appendix 2.4**.
- 2.10.2 Since construction works were carried out at Ha Che, and Tai Wo and Lin Fa Tei (from 20 March 2024) during the reporting period, impact water quality monitoring was carried out at monitoring points located there (i.e. C4, C5, C6, C7A, C8, C9 and C10).
- 2.10.3 During the reporting month, two (2) limit level exceedances for SS were recorded and two (2) action level exceedances of DO during impact water quality monitoring were recorded. Summaries of exceedance records are shown in **Table 2.7** and **Table 2.8**.

Table 2.7 Summary of Exceedance Records of Water Quality Monitoring

			ince Records o	Exceed		
Date	Station	Parameter (Unit)	Averaged Measured Value	Action Level (AL)	Limit Level (LL)	Exceedances due to the Project
	C9	DO (mg/L)	8.49			N/A
	C10	DO (IIIg/L)	2.98			N/A
01/03	C9	Turbidity	7.27			N/A
	C10	(NTU)	7.01			N/A
	C9	SS (mg/L)	10.50			N/A
	C10		8.00			N/A
	C9	DO (mg/L)	6.74			N/A
	C10	DO (IIIg/L)	2.62			N/A
04/03	C9	Turbidity	3.64			N/A
04/03	C10	(NTU) Î	6.55			N/A
	C9	CC (mm m/l )	5.50			N/A
	C10	SS (mg/L)	5.50			N/A
	C9	- DO (*** **/! )	6.62			N/A
	C10	DO (mg/L)	3.18			N/A
06/03	C9	Turbidity	7.31			N/A
	C10	(NTU)	10.63			N/A
	C9	- SS (ma/L)	7.00			N/A
	C10	SS (mg/L)	8.00			N/A
	C9	- DO (ma/l)	7.86			N/A
	C10	DO (mg/L)	2.77			N/A
08/03	C9	Turbidity	7.99			N/A
	C10	(NTU)	6.03			N/A
	C9	- SS (ma/L)	24.50			N/A
	C10	SS (mg/L)	5.50			N/A
	C9	DO (mg/L)	9.01			N/A
11/03	C10		6.27			N/A
	C9		8.69			N/A

			Avoranal	Excee	dance	
Date	Station	Parameter (Unit)	Averaged Measured Value	Action Level (AL)	Limit Level (LL)	Exceedances due to the Project
	C10	Turbidity (NTU)	7.42			N/A
	C9	- SS (mg/L)	7.00			N/A
	C10	33 (IIIg/L)	8.00			N/A
	C9	– DO (mg/L)	7.96			N/A
	C10	DO (mg/L)	3.73			N/A
13/03	C9	Turbidity	6.23			N/A
15/05	C10	(NTU)	5.25			N/A
	C9	SS (mg/L)	18.50			N/A
	C10		7.00			N/A
	C9	– DO (mg/L)	7.95			N/A
	C10		2.65			N/A
15/03	C9	Turbidity	3.63			N/A
15/05	C10	(NTU)	7.16			N/A
	C9	SS (mg/L)	17.50			N/A
	C10		10.00			N/A
	C9	DO (mg/L)	7.90			N/A
	C10		3.16			N/A
18/03	C9	_ Turbidity (NTU)	7.89			N/A
10/03	C10		7.04			N/A
	C9	- SS (mg/L)	16.00			N/A
	C10		3.50			N/A
	C4	_	8.07			N/A
	C5	_	7.97	✓		NO
	C6	_	5.52			N/A
	C7A	_ DO (mg/L)	6.25			N/A
	C8	_	4.34	✓		NO
	C9	_	8.26			N/A
	C10		3.30			N/A
	C4	_	23.75			N/A
	C5	_	12.23			N/A
	C6	- Turbidity	15.40			N/A
20/03	C7A	(NTU)	7.18			N/A
	C8	_	9.93			N/A
	C9	_	12.69			N/A
	C10		7.91			N/A
	C4	_	29.00			N/A
	C5	_	30.50			N/A
	C6	_	4.90			N/A
	C7A	SS (mg/L)	18.50			N/A
	C8	_	8.90			N/A
	C9	_	18.50			N/A
	C10		5.40			N/A
	C4	_	8.75			N/A
21/03 <sup>(1)</sup>	C5	DO (mg/L)	8.60			N/A
	C6		7.47			N/A

				Excee	dance	
Date	Station	Parameter	Averaged Measured	Action	Limit	Exceedances due
		(Unit)	Value	Level (AL)	Level (LL)	to the Project
	C7A		5.59	(* t.=)	(==/	N/A
	C8	-	6.46			N/A
	C4		7.40			N/A
	C5	-	8.57			N/A
	C6	-	3.62			N/A
	C7A	DO (mg/L)	5.09			N/A
	C8	- ` ` .	6.00			N/A
	C9	-	7.76			N/A
	C10	-	2.93			N/A
	C4		5.28			N/A
	C5	-	6.16			N/A
	C6		23.72			N/A
22/03	C7A	Turbidity	9.29			N/A
	C8	_ (NTU)	11.47			N/A
	C9	-	8.55			N/A
	C10	-	9.52			N/A
	C4		3.10			N/A
	C5		11.15		<b>√</b>	NO NO
	C6		18.00			N/A
	C7A	SS (mg/L)	4.75			N/A
	C8	(9.–/	10.50			N/A
	C9		3.10			N/A
	C10	-	11.00		<b>√</b>	NO NO
	C4		10.08		<u> </u>	N/A
	C5		10.50			N/A
	C6	-	8.68			N/A
	C7A	DO (mg/L)	6.20			N/A
	C8		6.14			N/A
	C9		8.14			N/A
	C10		3.06			N/A
	C4		7.17			N/A
	C5		6.75			N/A
	C6		4.89			N/A
25/03	C7A	Turbidity	10.47			N/A
20/00	C8	_ (NTU)	9.25			N/A
	C9	-	6.78			N/A
	C10	-	9.94			N/A
	C10		1.90			N/A
	C5	-	2.95			N/A
	C6		8.55			N/A
	C7A	SS (mg/L)	7.90			N/A
	C8	_	3.85			N/A
	C9	-	24.00			N/A
	C10	-	5.70			N/A
	C4		9.33			N/A
27/03	C5	DO (mg/L)	9.40			N/A
			∂. <del>⊤</del> ∪			IN//A

			Averaged	Exceed	dance	
Date	Station	Parameter (Unit)	Measured Value	Action Level (AL)	Limit Level (LL)	Exceedances due to the Project
	C6	_	5.44			N/A
	C7A	_	5.70			N/A
	C8	_	6.41			N/A
	C9	_	7.58			N/A
	C10		4.59			N/A
	C4	_	7.74			N/A
	C5	_	6.73			N/A
	C6	- Tumbiditu	20.18			N/A
	C7A	Turbidity (NTU)	3.84			N/A
	C8	_	5.89			N/A
	C9	_	4.25			N/A
	C10		18.13			N/A
	C4	_	8.80			N/A
	C5	_	8.85			N/A
	C6	_	12.50			N/A
	C7A	SS (mg/L)	7.95			N/A
	C8	_	11.50			N/A
	C9	_	8.30			N/A
Nata	C10		9.05			N/A

Note:

Additional monitoring was carried out on 21 March 2024 due to the AL exceedances of DO at C5 and C8 recorded on 20 March 2024.

Table 2.8 Summary of Exceedance Records of Water Quality Monitoring

Parameter	No. of no rela exceed	ted	Total No. of non- project related exceedances	No. excee related Pro	dance to the	Total No. of exceedance related to the
	AL	LL		AL	LL	Project
Dissolved Oxygen	2	0	2	0	0	0
Turbidity	0	0	0	0	0	0
Suspended Solids	0	2	2	0	0	0

- 2.10.4 After confirmation of exceedances of the water quality monitoring results, ET had issued Notifications of Exceedance (NOE) to inform relevant parties (i.e., EPD, ER, IEC and Contractor) about the exceedances. After investigation, all action and limit level exceedances recorded during the reporting period were considered non-project related.
- 2.10.5 Exceedances of action levels on DO were recorded during the regular monitoring at C5 (Tai Wo) and C8 (Lin Fa Tei) on 20 March 2024. The frequency of monitoring was increased to daily at C4, C5, C6, C7A and C8 starting from 21 March 2024. As no further exceedances of action or limit levels were observed on the monitoring results of 21 March 2024 and 22 March 2024, the frequency of monitoring was resumed to normal (regular monitoring) after 22 March 2024. Since there were no construction works carried out at Lin Fa Tei and Tai Wo on 20 March 2024 and no deficiency in mitigation measures for preventing site runoff were observed during the weekly site inspection at Lin Fa Tei and Tai Wo on 20 March 2024 and 22 March 2024

- respectively, it is considered that the exceedances of action levels of DO are not related to the Project.
- 2.10.6 Exceedances of limit levels on SS were recorded during the regular monitoring at C5 (Tai Wo) and C10 (Ha Che) on 22 March 2024. Two sets of geotextiles were properly deployed onsite and a water bypass was deployed to direct river water from the upstream of works area to the downstream of work area at Ha Che. Since sufficient measures for preventing contamination of downstream water were well implemented and no deficiency in mitigation measures for preventing site runoff was observed during weekly site inspection at Ha Che on 22 March 2024 and no construction work was carried out at Tai Wo, it is considered that the exceedances are not related to the Project.

## 3 Noise

# 3.1 Monitoring Locations

3.1.1 The monitoring locations for construction noise monitoring are listed in **Table 3.1** and shown in **Figure 3.1a** to **Figure 3.1d**.

**Table 3.1 Noise Monitoring Stations during Construction Phase** 

ID No. <sup>(1)</sup>	Location	Nature of Uses	Type of Measurement
SSNV_M2	Village house next to a nullah in Tong Tai Po Tsuen (near DD118 1720 S.A)	Residential	Façade
SSNV_M3	Village house near a soybean sauce factory in Sung Shan New Village (near DD118 1712)	Residential	Façade
SSNV_M6	#43, Sung Shan New Village	Residential	Free-field
TW_M2	#200, Cheung Po	Residential	Free-field
TW_M3	Kai Yip Garden, #3H, Tai Wo	Residential	Free-field
LFT_M1	#2G, Lin Fa Tei	Residential	Façade
LFT_M3A (2)	Near #125B, Lin Fa Tei	Residential	Free-field
LFT_M5	#156B, Lin Fa Tei	Residential	Façade
LFT_M7	Village house near the nullah (DD112 699 S.E)	Residential	Façade
LFT_M11 (2)	#210, Ngau Keng Tsuen	Residential	Façade
HC_M3A (2)	Next to DD111 326 S.B RP near Fan Kam Road	-	Free-field
HC_M4	#1C, Chuk Hang	Residential	Façade
HC_M6	The Arbutus House 12, #52, Shui Kan Shek	Residential	Façade

Notes:

# 3.2 Noise Monitoring Parameter, Frequency and Duration

- 3.2.1 Construction noise level was measured by the ET and measured in terms of the A-weighted equivalent continuous sound pressure level (Leq). Leq(30mins) was used as the monitoring parameter for the construction noise monitoring.
- 3.2.2 As supplementary information for data auditing, statistical results such as  $L_{10}$  and  $L_{90}$  were also obtained for reference.
- 3.2.3 **Table 3.2** summarizes the monitoring parameters, duration, and frequency of construction noise monitoring.

<sup>(1)</sup> SSNV - Sung Shan New Village; TW - Tai Wo; LFT - Lin Fa Tei; HC - Ha Che.

<sup>(2)</sup> LFT\_M3A, LFT\_M11, HC\_M3A and are alternative noise monitoring stations proposed to replace LFT\_M3, LFT\_M13 and HC\_M3, respectively.

**Table 3.2 Construction Noise Monitoring Parameter, Frequency and Duration** 

Monitoring Station	Parameter	Frequency and Duration
HC_M3A, HC_M4, HC_M6, TW_M2, TW_M3, LFT_M1, LFT_M3A, LFT_M5, LFT_M7 and LFT_M11	$L_{eq(30 mins)}$ (as a logarithmic average of 6 consecutive $L_{eq(5 mins)}$ )	Once every week throughout the construction phase

# 3.3 Monitoring Equipment, Methodology and QA / QC Procedure

- 3.3.1 As referred to the technical memorandum issued under the Noise Control Ordinance (NCO), sound level meters in compliance with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications were used for carrying out the construction noise monitoring.
- 3.3.2 Noise measurements were not made in 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.
- 3.3.3 Sufficient numbers of noise measuring equipment and associated instrumentation were prepared by the ET. All the equipment and associated instrumentation were clearly labelled.
- 3.3.4 Wind data were collected from the records of Hong Kong Observatory Shek Kong Weather Station, which is about 2 km south-west of Ha Che and about 900 m north of Lin Fa Tei.
- 3.3.5 The monitoring procedures are as follows:
  - For façade measurement, the monitoring station was set at a point 1 m from the exterior of the sensitive receivers building façade and set at a position 1.2 m above the ground. For free-field measurement, the monitoring station was set at a position 1.2 m above the ground.
  - The battery condition was checked to ensure good functioning of the meter.
  - Parameters such as frequency weighting, the time weighting and the interval were set as follows:
    - Frequency weighting: A
    - Time weighting: Fast
    - Interval: 30 minutes ( $L_{eq(30mins)}$ ) would be determined for daytime noise by calculating the logarithmic average of six  $L_{eq(5mins)}$  data
  - Prior to and after each noise measurement, the meter was calibrated using an acoustic calibrator for 94.0 dB at 1000 Hz. If the difference in the calibration level before and after measurement is more than 1.0 dB, the measurement was considered invalid and repeat of noise measurement will be required after re-calibration or repair of the equipment.
  - At the end of the monitoring period, the values of L<sub>eq</sub>, L<sub>90</sub> and L<sub>10</sub> were recorded. In addition, noise sources were recorded on a standard record sheet.

3.3.6 Table 3.3 summarizes the noise monitoring equipment used during the construction noise monitoring. Calibration certificates for the impact noise monitoring equipment are attached in Appendix 3.1.

**Table 3.3 Construction Noise Monitoring Equipment** 

Equipment	Model	No. of Equipment	Serial No.
Sound Level Meter	Svantek SVAN 971	2	96062
Souria Level Meter			C132269
Acoustic Calibrator	Rion NC-75	1	34724244

## 3.4 Maintenance and Calibration

- 3.4.1 Maintenance and calibration procedures are as follows:
  - The microphone head of the sound level meter and calibrator were regularly cleaned with a soft cloth; and
  - The sound level meter and acoustic calibrator were calibrated annually by a HOKLAS accredited laboratory or the manufacturer.

## 3.5 Action and Limit Levels

3.5.1 The Action and Limit levels were established in accordance with the approved EM&A Manual. Table 3.4 presents the Action and Limit Levels for construction noise. Should non-compliance of the criteria occur, action in accordance with the Event and Action Plan presented in Appendix 3.2 shall be carried out.

**Table 3.4 Action and Limit Levels for Construction Noise Monitoring** 

Time Period	Action	Limit Level
07:00 – 19:00 on normal weekdays		75 dB(A) <sup>(1)</sup>
07:00 – 23:00 on holidays; and 19:00 – 23:00 on all other days	When one or more documented complaints are received	45 dB(A) <sup>(2)</sup>
23:00 – 07:00 of the next day		30 dB(A) <sup>(2)</sup>

#### Notes:

- (1) Between 07:00 and 19:00, construction noise limit for school during normal term time is 70 dB(A) and 65 dB(A) during examination period.
- (2) The ASR of identified noise sensitive receivers is "A", which is a rural area that is not affected by the in Influencing Factors (IFs). The limit levels are stipulated in the Technical Memorandum on Noise from Construction Work in Designated Areas.

## 3.6 Results and Observations

- 3.6.1 The construction noise monitoring was conducted on 1, 8, 15, 22 and 27 March 2024. The monitoring schedule is presented in **Appendix 2.3**.
- 3.6.2 The construction noise monitoring results are summarized in **Table 3.5**. No Action or Limit levels exceedance was recorded in the reporting period. Details of the results and graphical presentation are shown in **Appendix 3.3**.

3.6.3 Noise monitoring at LFT\_M7 had been suspended since 27 March 2024 as the property management office refused our field officer to access the designated monitoring location. Monitoring will be resumed once the access is granted.

**Table 3.5 Summary of Construction Noise Monitoring Results** 

	io ore cummung or comounaction	in ittoree mornitoring ittoodist	
No continue de la con	Noise Level		
Monitoring Station	L <sub>eq(30mi</sub>	L <sub>eq(30mins)</sub>	
Station	Minimum	Maximum	
HC_M3A <sup>(1)</sup>	63.8	64.9	75 dB(A)
HC_M4	67.0	68.5	75 dB(A)
HC_M6	68.5	69.3	75 dB(A)
TW_M2 <sup>(1)</sup>	59.5	60.3	75 dB(A)
TW_M3 <sup>(1)</sup>	63.6	64.0	75 dB(A)
LFT_M1	62.4	63.2	75 dB(A)
LFT_M3A <sup>(1)</sup>	63.7	64.9	75 dB(A)
LFT_M5	66.9	67.1	75 dB(A)
LFT_M7	58.5	58.5	75 dB(A)
LFT_M11	61.8	63.3	75 dB(A)
N1 - 4			

Note

3.6.4 During the construction noise monitoring period, the influencing factors which may affect the results are summarized in **Table 3.6**.

**Table 3.6 Influencing Factors at Noise Monitoring Stations** 

Monitoring Stations	Influencing Factors	
HC-M3A	Road Traffic Noise	
HC-M4	Road Traffic Noise	
HC-M6	Road Traffic Noise	
TW_M2	Nil	
TW_M3	Nil	
LFT_M1	Nil	
LFT_M3A	Nil	
LFT_M5	Road Traffic Noise	
LFT_M7	Nil	
LFT_M11	Road Traffic Noise	

<sup>(1)</sup> For Free Field measurement, +3 dB(A) was added to the measured results.

# 4 Ecology

## 4.1 Freshwater Crab

4.1.1 With reference to the approved EIA Report (Register No.: AEIAR-229/2021), two freshwater crab species of conservation importance were recorded within the work sites during the ecological baseline survey. Somanniathelphusa zanklon was recorded at Lin Fa Tei and Ha Che, while Cryptopotamon anacoluthon was recorded in the upstream area at Ha Che. Both species are endemic to Hong Kong and considered to be "Endangered" and "Vulnerable" by the IUCN respectively (IUCN 2023). The construction activities of the project will disturb their natural habitats and potentially causing a direct loss of these two species due to their limited mobility.

#### Freshwater Crab Translocation Plan

4.1.2 Freshwater Crab Translocation Plan (FCTP) was prepared by an Ecologist with relevant experience in freshwater habitats and submitted to the EPD and the AFCD for their approval under Condition 2.8 of the EP. Any aquatic species of conservation importance found during the pre-construction surveys were translocated to suitable receptor sites outside of the proposed works area, and their condition and number was monitored to ensure their long-term survivorship after translocation. The EPD advised no further comment on the submitted FCTP on 9 February 2024.

#### Pre-construction Survey Results

#### Ha Che

- 4.1.3 The pre-construction survey was carried out at Ha Che on 5, 6 and 7 February 2023 prior to the commencement of construction works at Ha Che. A total of 11 freshwater crabs were collected, marked, and translocated from Ha Che. All these captured individuals were observed on the first (5 February 2024) and third (7 February 2024) nights of the three consecutive preconstruction surveys. No crabs were collected on 6 February 2024. Seven *C. anacoluthon* (four males and three females) were found particularly on the upper section of the works area within rocky substratum and leaf-litters, while four *S. zanklon* were noted on sections with soft siltymuddy substrate.
- 4.1.4 The captured endemic freshwater crabs were translocated to the identified receptor sites indicated in the approved Freshwater Crab Translocation Plan. *C. anacoluthon* were translocated in the section of shallow fast-flowing semi-natural watercourse with rocky substratum located south-east of Chuk Hang Village. Meanwhile *S. zanklon* were translocated to the section of shallow slow-flowing seminatural channel characterised soft soil substrate encompassed by a small patch of woodland and village houses. The receptor sites have comparable characteristics with the collection site.

4.1.5 Several aquatic invertebrates were also incidentally caught during the surveys. Among the observed aquatic invertebrates, larvae of species with conservation importance namely one *Macromia berlandi*, two *Macromia urania* and two *Zygonyx iris* were translocated to the proposed receptor sites. *M. urania* and *M. berlandi* were translocated to the receptor site for *S. zanklon* while *Z. iris* to the receptor site of *C. anacoluthon*.

#### Lin Fa Tei

- 4.1.6 The pre-construction survey was carried out at Lin Fa Tei on 11, 12 and 13 March 2023 prior to the commencement of construction works at Lin Fa Tei. A freshwater crab was collected, marked, and translocated from Lin Fa Tei. The captured individuals were observed on the third (13 March 2024) night of the three consecutive pre-construction surveys. No crabs were collected on 11 and 12 March 2024. The captured *C. anacoluthon* was found by kick sampling within the stream bed roughly 5 meters downstream from the concrete water gate within section CH.A0.00 ~ CH.A200.00.
- 4.1.7 The captured endemic freshwater crab was translocated to the identified receptor site indicated in the approved Freshwater Crab Translocation Plan. The captured *C. anacoluthon* was translocated to a section of a shallow slow-flowing seminatural watercourse with silt and rocky substrate surrounded by agricultural lands at Lin Fa Tei which has comparable characteristics with the collection site.
- 4.1.8 A single individual of an adult Spotted Narrow-mouthed Frog was found on a slope in the eastern section of section CH.A0.00 ~ CH.A200.00. As the specimen is mobile and able to avoid the construction area once the construction work commences, it was not translocated to the receptor site.

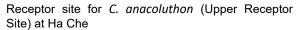
#### Post-translocation Monitoring

- 4.1.9 According to Section 5.2.5 of the approved EM&A Manual for the Project, monthly post-translocation monitoring shall be conducted for at least 12 months after pre-construction surveys to monitor their establishment.
- 4.1.10 During the monitoring, active visual search by hand netting and kick sampling for aquatic fauna species would be performed at the respective receptor sites. Potential micro-habitats and hiding spaces that is favoured by the crabs such as rocks, organic debris, leaf litter, and riparian vegetation etc., will also be overturned or raked.
- 4.1.11 Upon discovery of any marked individuals from the pre-construction survey, date and time of capture, size and health condition of the individual will also be recorded once again.
- 4.1.12 The practice of mark and recapture of the translocated population of *S. zanklon* and *C. anacoluthon* at the receptor site can then be used to estimate population size, as well as inform the health and survival status of the translocated population.

- 4.1.13 Post-translocation monitoring at Ha Che was carried out on 7 March 2024. The upper and lower receptor sites of Ha Che were visited to monitor the population of freshwater crabs translocated from Ha Che chainage CH.A11.13~CH.A300.00.
- 4.1.14 Site conditions of both receptor sites are similar to that during the pre-construction survey, i.e., no pollution, anthropogenic disturbance or change in vegetation was observed. Representative photos of the site conditions are presented in **Plate 4.1**.

Plate 4.1 Site condition of receptor sites at Ha Che during the reporting month







Receptor site for *S. zanklon* (Lower Receptor Site) at Ha Che

- 4.1.15 None of the translocated individuals from the pre-construction survey was found in both the upper and lower receptor sites. The inability to recapture the translocated individuals could be due to the structural complexity of the habitats of both sites. The many rocks and riffles at the upper receptor site and large and deep pools of water in the lower receptor site provides excellent refuge and protection for the crabs.
- 4.1.16 However, three new individuals of *C. anacoluthon* without markings were captured at the upper receptor site, with carapace size ranging from 13.9 to 18.9 mm. These, however, were not the translocated individuals as their details (i.e., carapace and sex) did not match with any of the translocated individuals in the record. The details of the captured new individuals are summarized in **Table 4.1**.

Table 4.1 Summary of Species Captured during the Post-Translocation Monitoring

Species	ID No./ Code	Sex	Carapace Size (mm)	Recipient Site	Time of Capture	Remarks
C. anacoluthon	New Individual	F	14.3	Ha Che Upper	19:08	/
C. anacoluthon	New Individual	М	13.9	Ha Che Upper	19:19	/
C. anacoluthon	New Individual	F	18.9	Ha Che Upper	19:24	/

4.1.17 To maximise the survey effort, extent of search of translocated individuals at the receptor site will likewise be extended further upstream and downstream to increase the chance of recapturing translocated individuals in the coming months.

# 4.2 Habitat Compensation for the Affected Riverine Habitat

- 4.2.1 In order to ensure the reinstated habitat could compensate the loss of the important riverine habitat, Habitat Creation and Management Plan (HCMP) is required to be submitted for EPD and AFCD approval under Condition 2.9 of the EP.
- 4.2.2 The first draft of HCMP was submitted to EPD and AFCD on 22 December 2023 with the following objectives:
  - detail the approach and design features for restoring/ reinstating the three green channels
    at Sung Shan New Village, Lin Fa Tei and Ha Che so as to facilitate and promote the
    colonisation of the freshwater crab and other wildlife after the reinstatement; and
  - detail the monitoring programme to monitor the physical environment of the restored/ reinstated channels (i.e. green channels) including water quality, water current, as well as the establishment of riparian vegetation and the biota assemblage that would recolonise the reinstated channel.

# 5 Waste Management

- 5.1.1 Waste generated from the Project include inert construction and demolition (C&D) materials and non-inert C&D wastes in the reporting period. The quantities of waste generated by the construction works of the Project during the reporting period are shown in **Appendix 5.1**
- 5.1.2 Sorting of construction and demolition (C&D) materials was carried out on site. Sufficient numbers of receptacles were provided for general refuse collection and sorting. Excavated inert C&D materials were reused to minimize the disposal of C&D waste to public fill.
- 5.1.3 The Contractor is advised to minimize the wastes generated through recycling or reusing. All applicable mitigation measures stipulated in the approved EM&A Manual and waste management plans will be fully implemented.

# 6 Land Contamination

- 6.1.1 With reference to results of land contamination assessment included in the approved EIA Report (Register No.: AEIAR-229/2021), all identified sites with potential contamination are located outside the work area of the Project and no potential contamination arising from the proposed drainage improvement works is anticipated. Therefore, no land contamination issue is anticipated for this Project.
- 6.1.2 Mitigation measures listed in **Appendix 1.3** should be adopted if any suspected contamination encountered during construction.
- 6.1.3 No suspected on-site contamination was observed or reported by the Contractor in the reporting period.

## 7 Landscape and Visual

## 7.1 Audit Requirements

7.1.1 According to the approved EM&A Manual, site audits should be undertaken every week during the construction phase to check that the proposed landscape and visual mitigation measures are properly implemented and maintained as per their intended objectives. Mitigation measures recommended in the EIA Report as the audit requirements, including preservation of existing vegetation, transplanting of affected trees, compensatory tree planting, control of night-time lighting glare, erection of decorative screen hoarding and management of construction activities and facilities, are summarized in **Appendix 1.3**.

### 7.2 Results and Observations

- 7.2.1 To monitor and audit the implementation of landscape and visual mitigation measures, five weekly landscape and visual site audits were carried out on 6, 15, 20, 22 and 26 March 2024.
- 7.2.2 No deficiency in the mitigation measures on landscape and visual was observed during the reporting period.

## 8 Cultural Heritage

### 8.1 Archaeology

- 8.1.1 According to the assessment included in the approved EIA report (Register No.: AEIAR-229/2021) the proposed drainage works in the Lin Fa Tei area are located immediately adjacent to existing river course on mainly Pleistocene terraced alluvium and the western end of the alignment on Holocene alluvium between Lin Fa Tei Site of Archaeological Interest (SAI) and Shui Lau Tin SAI. The proposed works are partially located within Lin Fa Tei SAI. Previous investigations within SAI have shown both in-situ and secondary deposit and with potential for wooden features near the stream bed. As per the recommendation from EIA report, Archaeological Survey shall be conducted prior to the construction works, the concerned area is marked in Figure 8.1.
- 8.1.2 A qualified archaeologist shall be engaged and apply for a licence under the Antiquities and Monuments Ordinance (Cap. 53) to conduct the Archaeological Survey prior to the construction phase. The scope and methodology of the Archaeological Survey shall be agreed with the Antiquities and Monuments Office (AMO) prior to implementation. Tentatively and subject to agreement with AMO, a fieldscan, where possible, twenty auger tests and four 5 m by 1 m narrow trenches are proposed to further assess the archaeological potential of the area. If significant remains are uncovered, the AMO should be notified and potential need for mitigation and/ or an appropriate way forward should be agreed by the AMO and relevant parties.
- 8.1.3 For the remaining drainage works areas (outside the area identified for Archaeological Survey) deemed to have limited (near Kam Sheung Road) to minimal (remainder of Works Areas) archaeological potential, AMO shall be informed immediately if antiquities or supposed antiquities are discovered during construction works for the proposed drainage improvement works for ascertaining required remedial works.

## 8.2 Built Heritage

- 8.2.1 According to the approved EM&A Manual, mitigation measures that should be implemented during the construction phase for graded historic buildings are presented in **Table 8.1**.
- 8.2.2 Condition surveys were carried out by a qualified structural engineer for Lee Tat Bridge, Lan Fong Study Hall and St John's Chapel prior to construction works. The Pre-construction Condition Survey Report were submitted to the EPD on 22 December 2023 under Condition 2.10 of the EP.

**Table 8.1 Mitigation Measures for Impacted Graded Historic Buildings** 

Graded Historic Buildings	Mitigation Measures					
Lee Tat Bridge, Shui Tsan Tin (Grade 3)	A condition survey should be carried out in advance of works and after completion of works by qualified building surveyor or structural engineer. The Condition Survey Report should contain descriptions of the structure, identification of fragile elements, an appraisal of the condition and working methods for any proposed monitoring and precautionary measures that are or were recommended with aid of photo records. The condition survey report must					
	be submitted to the AMO for comment before construction activities commence and after the works have been completed. The contractor should implement the approved monitoring and precautionary measures.					
Lan Fong Study Hall, Chuk Hang (Grade 3)	<ul> <li>Vibration, settlement and tilting monitoring should be undertaken during the construction works to ensure that safe levels of vibration are not exceeded. A Alert, Alarm and Action (AAA) vibration limit set at 5 / 6 / 7.5 mm/s for Grade historic buildings, settlement limit set at 6/8/10 mm, and tilting limit set</li> </ul>					
St John's Chapel, Cheung Po (Grade 2)	1/2000; 1/1500; 1/1000 should be adopted. Monitoring proposal, including checkpoint locations, installation details, response actions for each of the AAA levels and frequency of monitoring should be submitted for AMO's consideration. Installation of monitoring checkpoints shall be carried out in great care and adequate protection shall be provided so as to avoid unnecessary disturbance/ damage to the historic fabrics. Photo records of monitoring checkpoints shall be submitted upon installation for AMO's records. Monitoring records should be submitted to the AMO on regular basis and alert the AMO should the monitoring reach AAA levels.					

# 9 Environmental Site Inspection and Audit

# 9.1 Implementation Status of Environmental Mitigation Measures

9.1.1 Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures under the Contract. In the reporting period, site inspections were carried out on 6, 15, 20, 22 and 26 March 2024 at the site portions listed in **Table 9.1** below.

**Table 9.1 Site Inspection Record** 

Date	Inspected Site Portion	Time
6 March 2024	Lin Fa Tei	2:34 pm – 3:00 pm
15 March 2024	Ha Che	2:30 pm – 3:00 pm
20 March 2024	Lin Fa Tei	3:00 pm – 3:30 pm
22 March 2024	Lin Fa Tei, Ha Che, Tai Wo	9:00 am – 11:30 am
26 March 2024	Lin Fa Tei, Ha Che, Tai Wo	2:00 pm – 4:30 pm

9.1.2 Environmental deficiencies were observed during weekly site inspections. Key observations during the site inspections in the reporting period are summarized in **Table 9.2**.

**Table 9.2 Site Observations** 

	Table 9.2 Site Observation	15					
Date	Environmental Observations	Follow-up Status					
6 March 2024	Observation(s) and Recommendation(s)						
	Nil	Nil					
	Observation(s) and Recommendation(s)						
15 March 2024	Ha Che:	Ha Che:					
	Oil stain should be removed and treated as "Chemical Waste".	Oil stain had been removed and treated as "Chemical Waste".					
	Observation(s) and Recommendation(s)						
20 March 2024	Lin Fa Tei:	Lin Fa Tei:					
	<ol> <li>General rubbish bin should be enclosed and labeled properly.</li> </ol>	General rubbish bin had been enclosed and labeled properly.					
22 March 2024	Observation(s) and Recommendation(s)						
	Nil	Nil					
	Observation(s) and Recommendation(s)						
26 March 2024	Ha Che:	Ha Che:					
	<ol> <li>Dusty material should be covered by tarpaulin.</li> </ol>	Dusty material had been covered by tarpaulin.					

9.1.3	According to the approved EIA Report, Environmental Permit, contract documents and approved 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 <b>Appendix 1.3</b> .

## 10 Summary of Monitoring Exceedance, Complaints, Notification of Summons and Prosecutions

### 10.1 Summary of Exceedance

- 10.1.1 During the reporting month, two (2) limit level exceedances for SS and two (2) action level exceedances of DO were recorded in the impact water quality monitoring. After investigation, all exceedances were considered to be non-project related.
- 10.1.2 Exceedances of action levels on DO were recorded during the regular monitoring at C5 and C8 on 20 March 2024. The frequency of monitoring was increased to daily at C4, C5, C6, C7A and C8 starting from 21 March 2024. As no further exceedances of action or limit levels were observed on the monitoring results of 21 March 2024 and 22 March 2024, the frequency of monitoring was resumed to normal (regular monitoring) after 22 March 2024. Since there were no construction works carried out at Lin Fa Tei and Tai Wo on 20 March 2024 and no deficiency in mitigation measures for preventing site runoff were observed during the weekly site inspection at Lin Fa Tei and Tai Wo on 20 March 2024 and 22 March 2024 respectively, it is considered that the exceedances of action levels of DO are not related to the Project.
- 10.1.3 Exceedances of limit levels on SS was recorded during the regular monitoring at C5 and C10 on 22 March 2024. Two sets of geotextiles were properly deployed onsite and a water bypass was deployed to direct river water from the upstream of works area to the downstream of works area at Ha Che. Since sufficient measures for preventing contamination of downstream water were well implemented and no deficiency in mitigation measures for preventing site runoff was observed during weekly site inspection at Ha Che on 22 March 2024 and no construction work was carried out at Tai Wo, it is considered that the exceedances of limit levels of SS are not related to the Project.
- 10.1.4 No Action Level or Limit Level exceedance was recorded for construction noise monitoring in the reporting period.

## 10.2 Summary of Environmental Non-Compliance

10.2.1 No environmental non-compliance was recorded in the reporting period.

## 10.3 Summary of Environmental Complaint

10.3.1 No environmental complaint was received in the reporting period. The Cumulative Complaint Log is presented in **Appendix 10.1**.

# 10.4 Summary of Environmental Summon and Successful Prosecution

10.4.1 There was no successful environmental prosecution or notification of summons received since the Project commencement. The Cumulative Log for environmental summon and successful prosecution is presented in **Appendix 10.1**.

## 11 Future Key Issues

# 11.1 Works and Potential Environmental Issues in the next Reporting Period

- 11.1.1 The construction programme for the Project for the next reporting period is presented in **Appendix** 1.1.
- 11.1.2 Works to be undertaken in the next reporting period are summarized below:

#### Ha Che

- Lifting Operation;
- Plant Operation;
- Excavation;
- Sheet Piling; and
- Installation of Precast unit.

#### Lin Fa Tei

- Site Clearance Work
- Lifting Operation;
- Plant Operation; and
- Excavation.

#### Tai Wo

No planned construction activity.

#### Sung Shan New Village

- No planned construction activity.
- 11.1.3 Potential environmental impacts arising from the above construction activities are mainly associated with construction noise impact, water quality impact, ecological impact, waste management, and landscape and visual.

#### 11.2 Recommendation

11.2.1 The key environmental mitigation measures for the Project in the coming reporting period expected to be associated with the construction activities include:

#### Noise

- Only well-maintained plant should be operated on-site, and plant should be maintained regularly during the construction programme; and
- Quality Powered Mechanical Equipment (QPME) should be adopted as far as possible.

#### Water Quality

- No effluent discharge would be allowed before obtaining the effluent discharge license;
- Surface run-off from construction sites should be discharged into dedicated discharge point via adequately designed sand/ silt removal facilities;
- Channels/ earth bunds/ sandbags barriers should be provided on site to properly direct stormwater to silt removal facilities;
- Silt removal facilities, channels and manholes should be maintained, and the deposited silt and grit should be removed regularly;
- Open stockpiles of construction materials on sites should be covered with tarpaulin or similar fabric during rainstorms; and
- Perimeter channels should be provided on site boundaries where necessary to intercept stormwater run-off from outside the site so that it will not wash across the site.

#### Waste Management

- Provision of sufficient waste disposal points and regular collection of waste;
- Regular cleaning and maintenance programme for drainage system; and
- Chemical containers shall be stored with drip tray underneath.

#### **Ecology**

- Minimize loss of habitats and associated wildlife; and
- Using directional lighting to prevent excessive light spill into adjacent natural habitat and disturbance to nocturnal fauna.

#### Landscape and Visual

- Construction activities shall be carefully designed to minimize impact on existing retained trees;
   and
- Adequate tree protection measures shall be provided for the trees to be retained on site.
- 11.2.2 The tentative schedule of regular construction noise and water quality monitoring in the next reporting period is presented in **Appendix 11.1**. The regular impact noise and water quality monitoring will be conducted at the same monitoring locations in the next reporting period.

## 12 Conclusions

#### 12.1 Conclusion

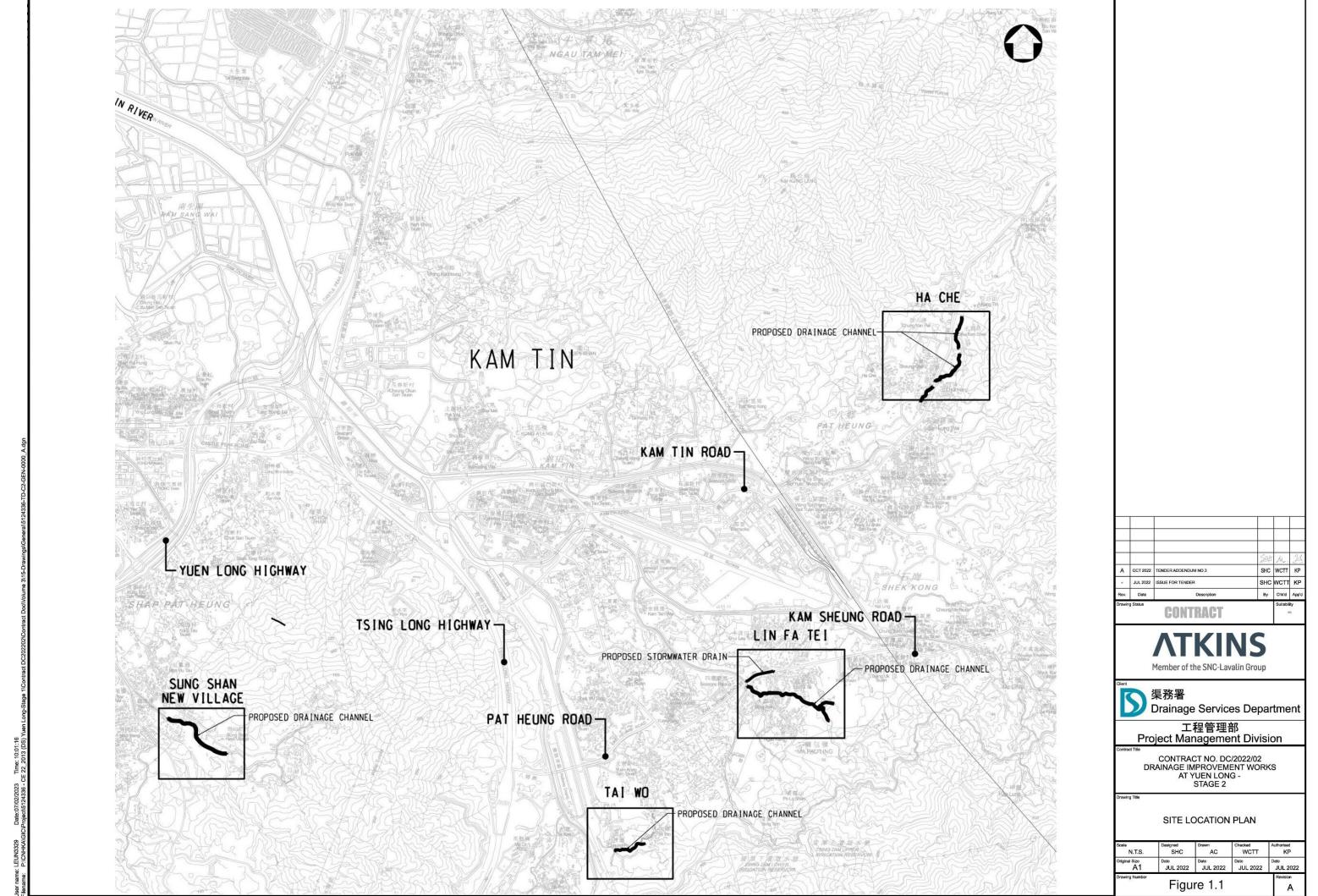
- 12.1.1 This 2<sup>nd</sup> Monthly EM&A Report presents the EM&A works during the reporting period from 1 March 2024 to 31 March 2024 in accordance with the approved EM&A Manual.
- 12.1.2 Two (2) limit level exceedances for SS and two (2) action level exceedances of DO were recorded during impact water quality monitoring in the reporting period. After investigation, all exceedances were considered non-project related.
- 12.1.3 No Action Level or Limit Level exceedance was recorded for construction noise monitoring in the reporting period.
- 12.1.4 Environmental site inspections were conducted on 6, 15, 20, 22 and 26 March 2024 by the ET in the reporting period.
- 12.1.5 No environmental complaint was received in the reporting period.
- 12.1.6 No notification of summons and prosecution was received in the reporting period.
- 12.1.7 The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.
- 12.1.8 Construction work at Lin Fa Tei and Tai Wo was commenced on 20 March 2024 and the corresponding construction phase EM&A programme at Lin Fa Tei and Tai Wo were begun on 20 March 2024.
- 12.1.9 The noise monitoring at LFT\_M7 have been suspended since 27 March 2024 due to the objection from property management office for providing access to the designated monitoring location. The noise monitoring at LFT\_M7 will be resumed when the access to the monitoring location is granted.

### 12.2 Comments/ Recommendations

12.2.1 The proposed mitigation measures were properly implemented and were considered effective and efficient in pollution control.

# **Figures**

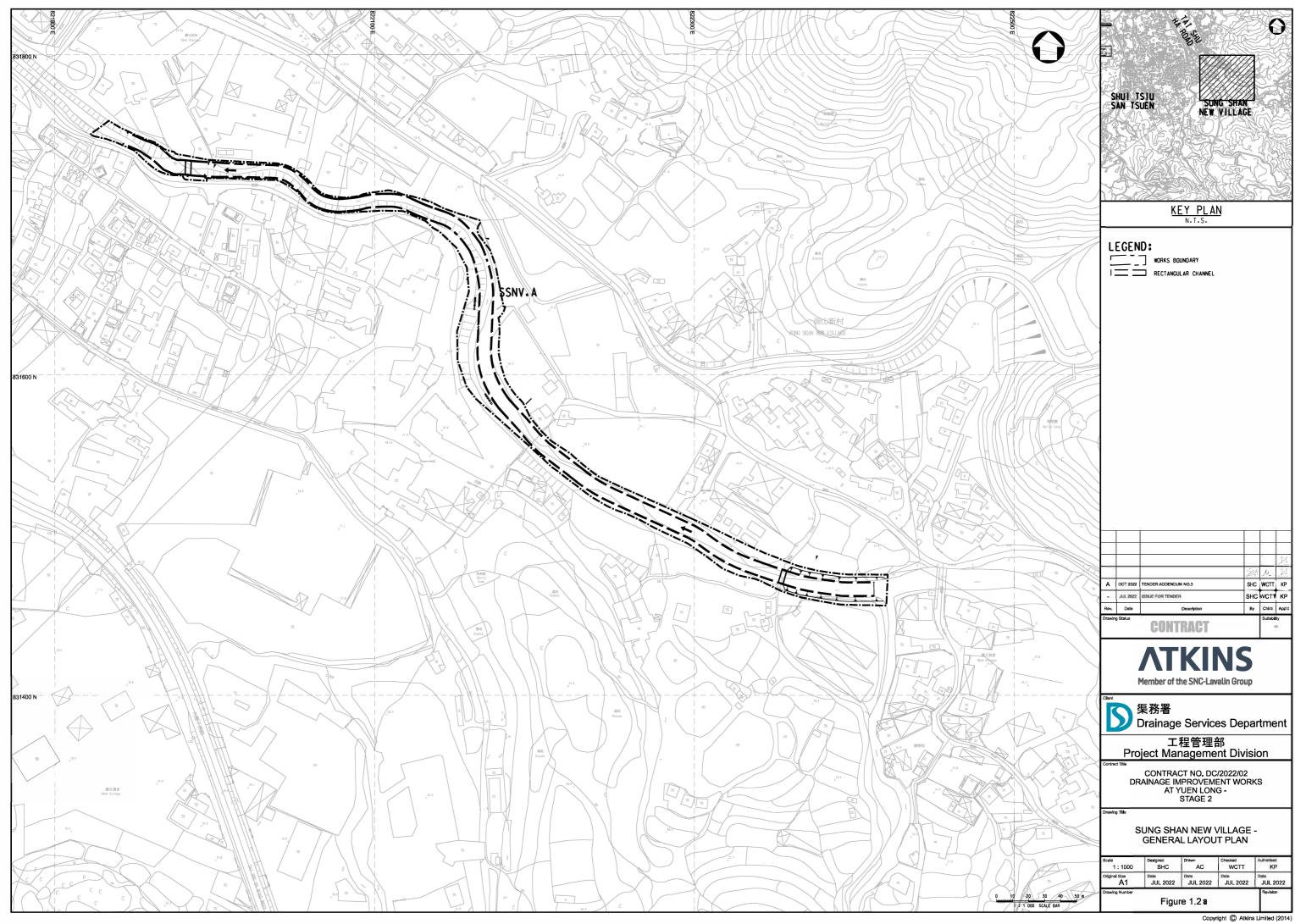
Figure 4.4	Conoral Site Legation Dlan	
Figure 1.1	General Site Location Plan	

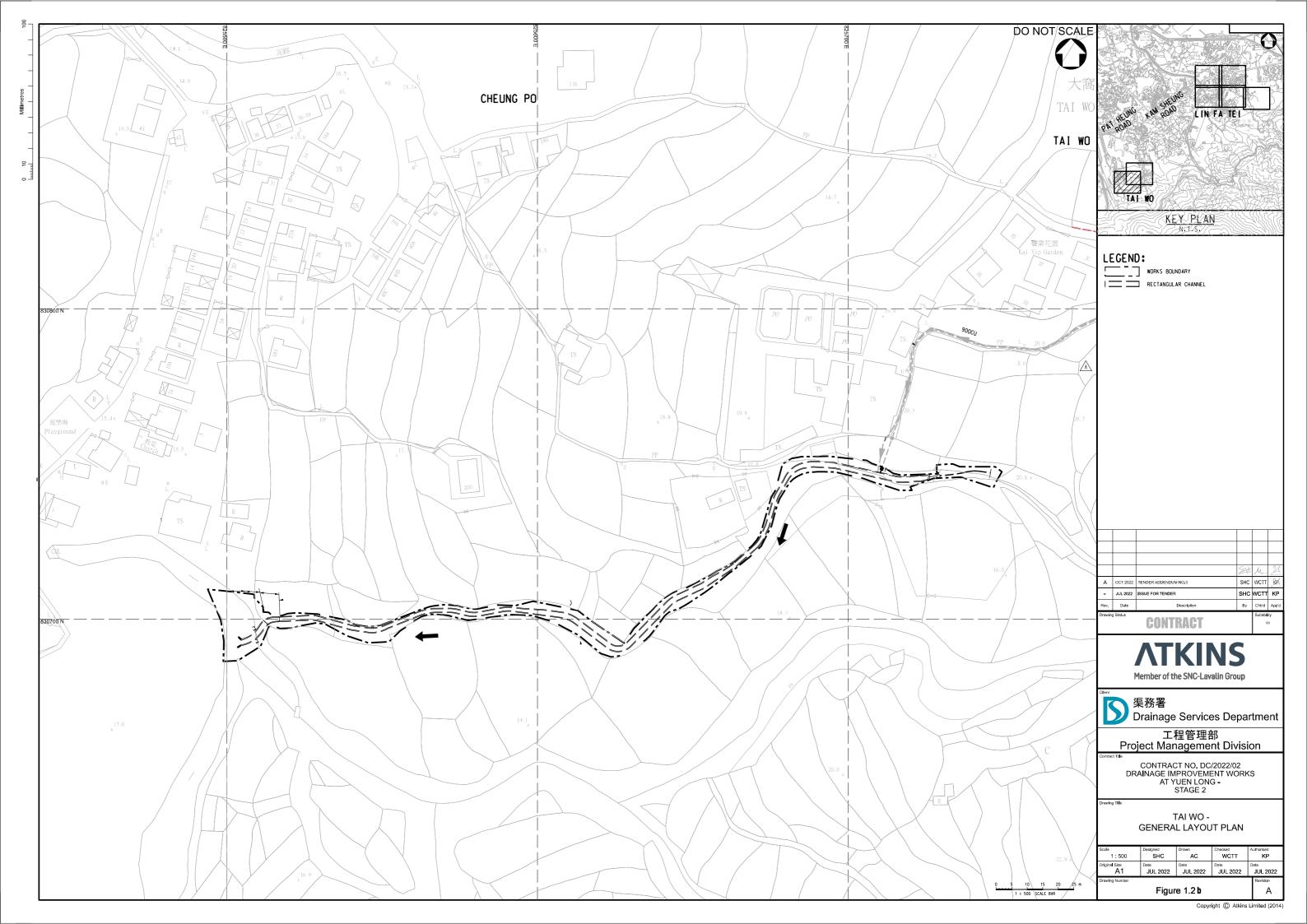


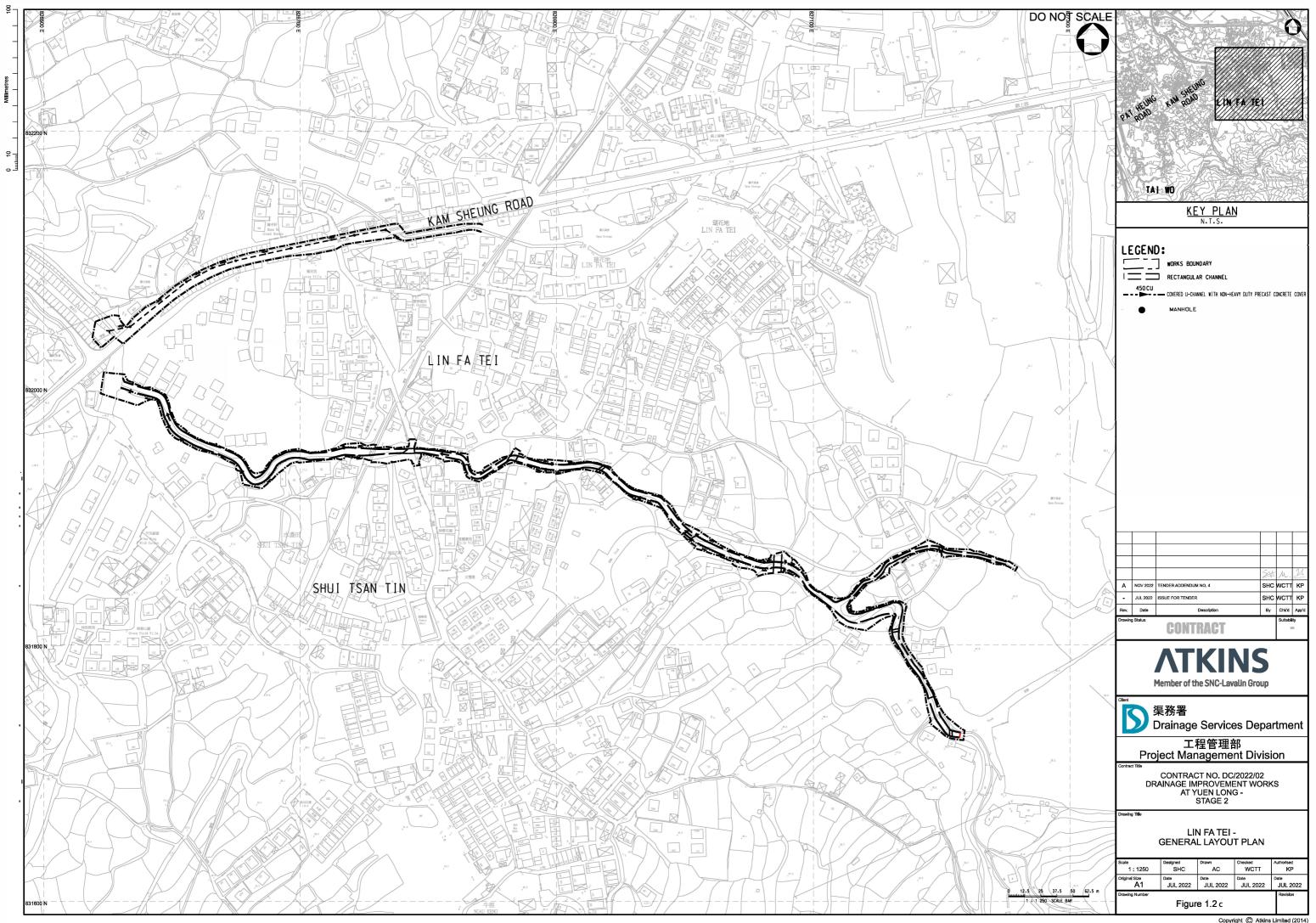
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Figure 1.2	Location of Work Areas for the Project	







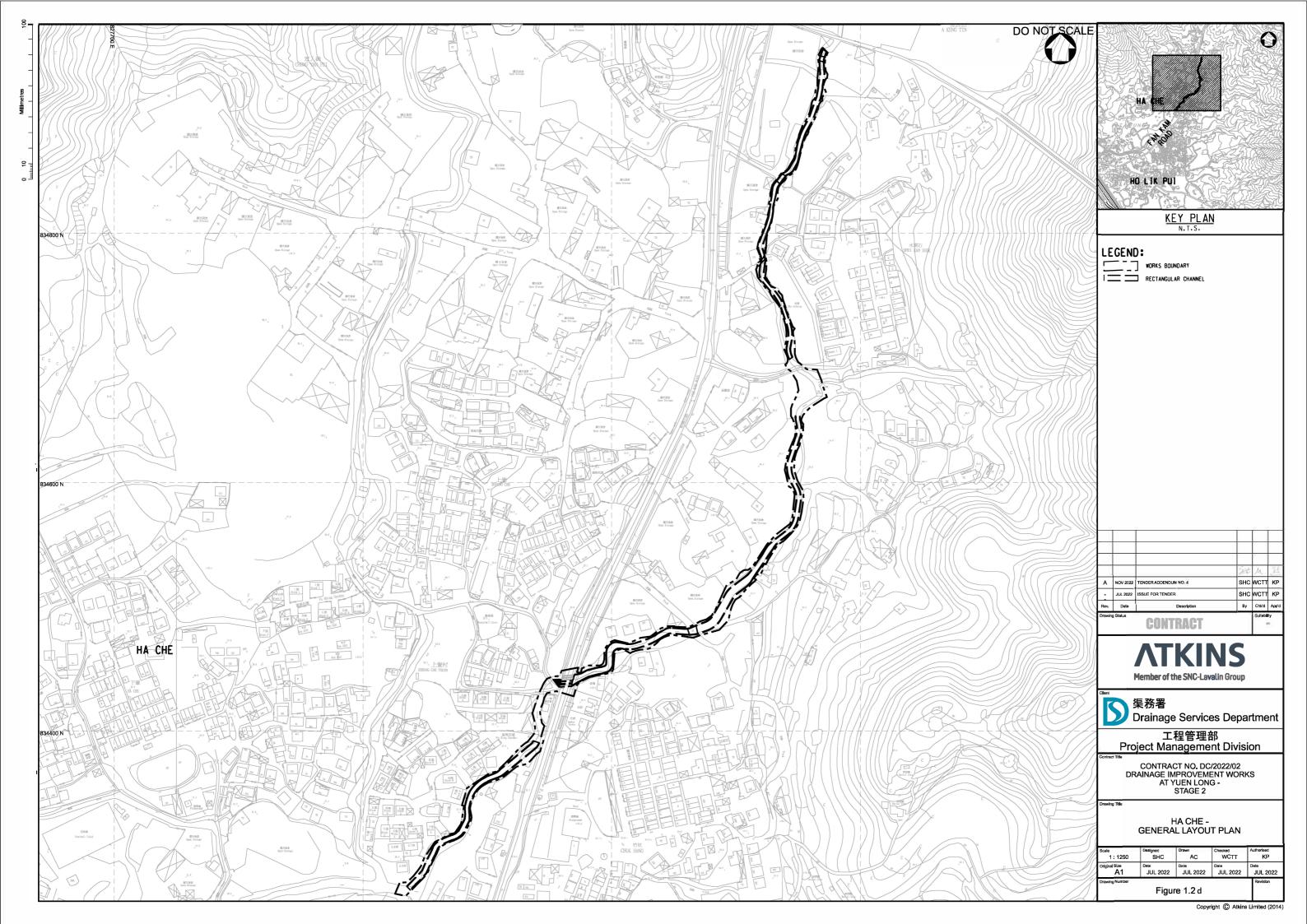
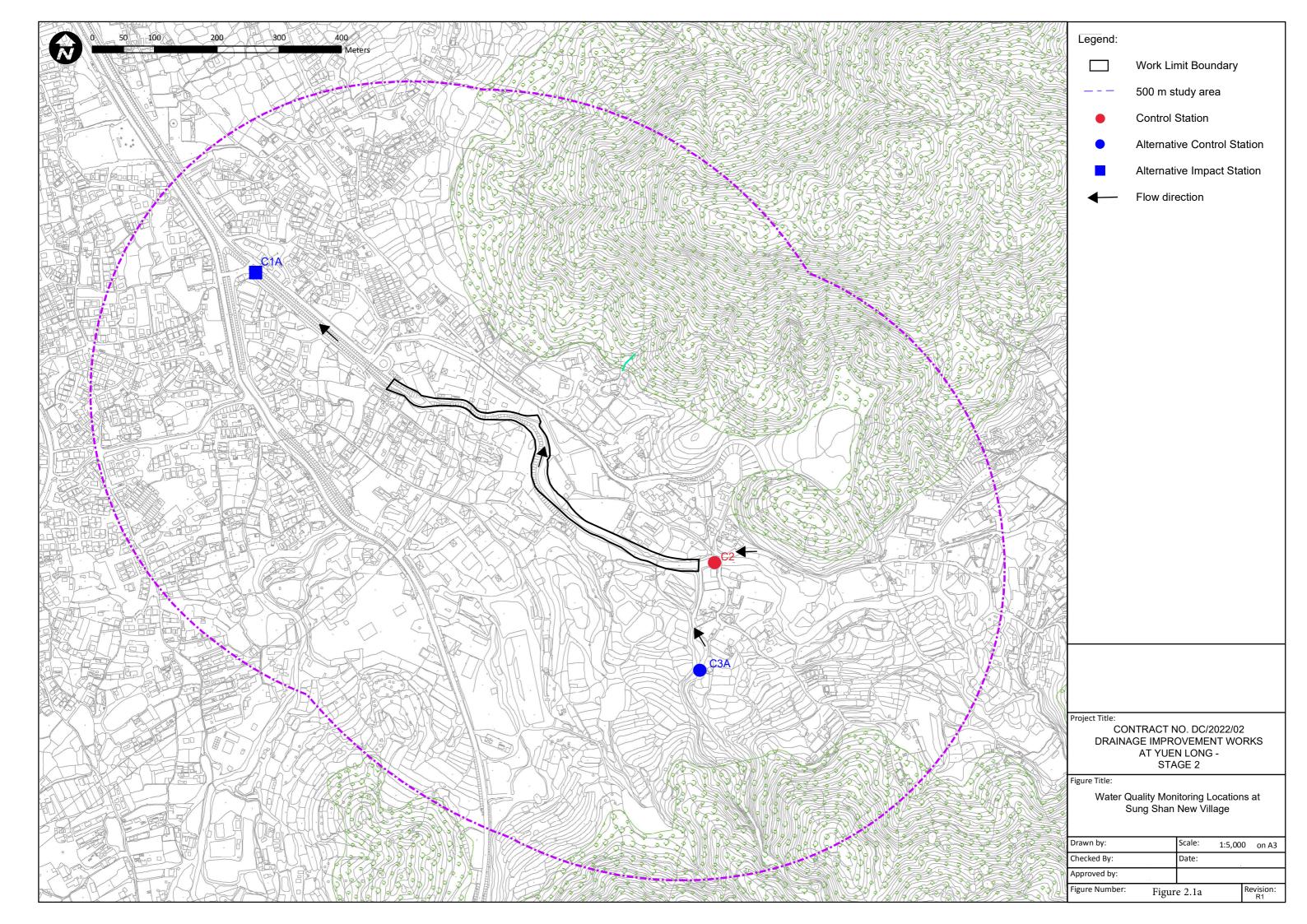
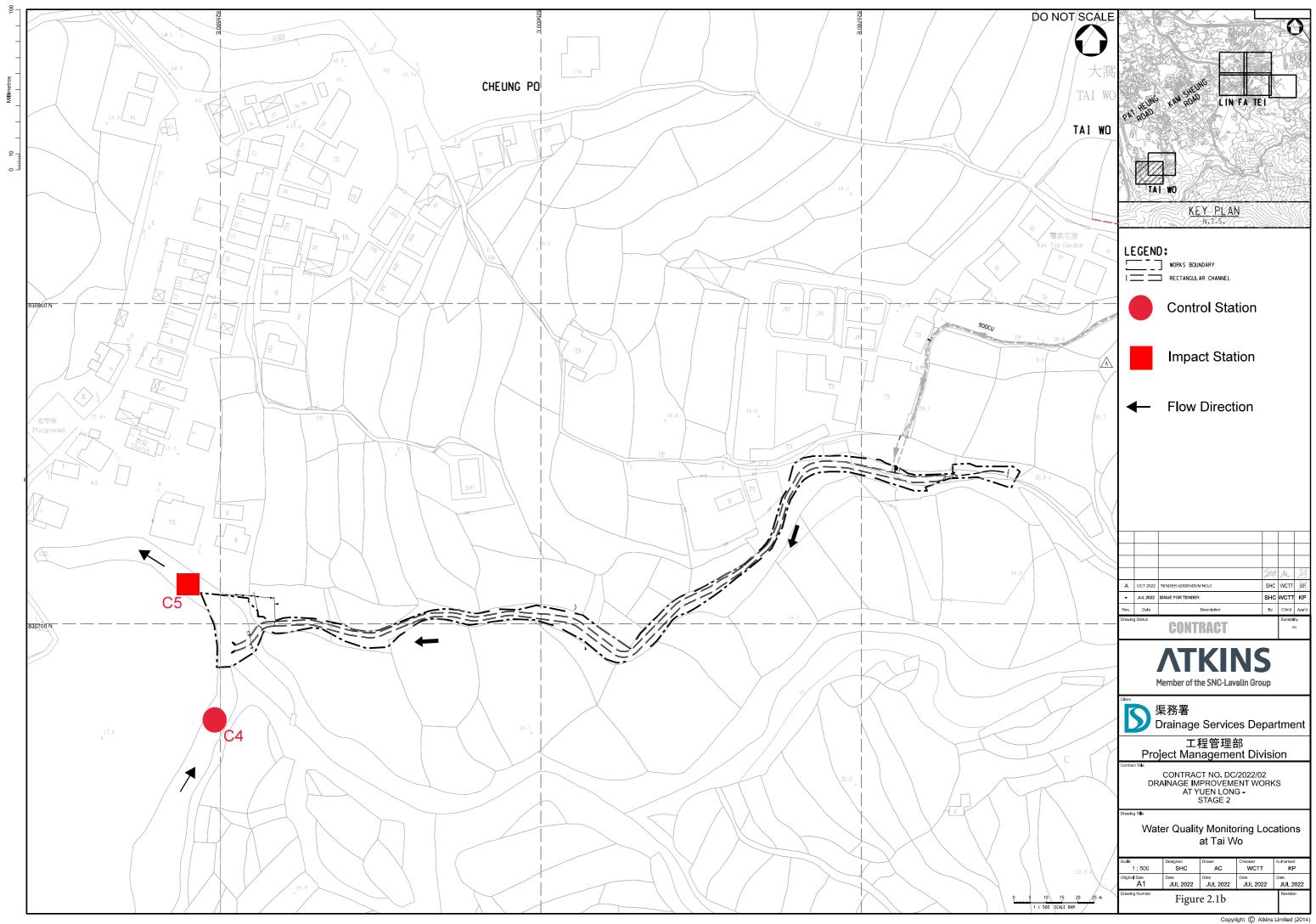
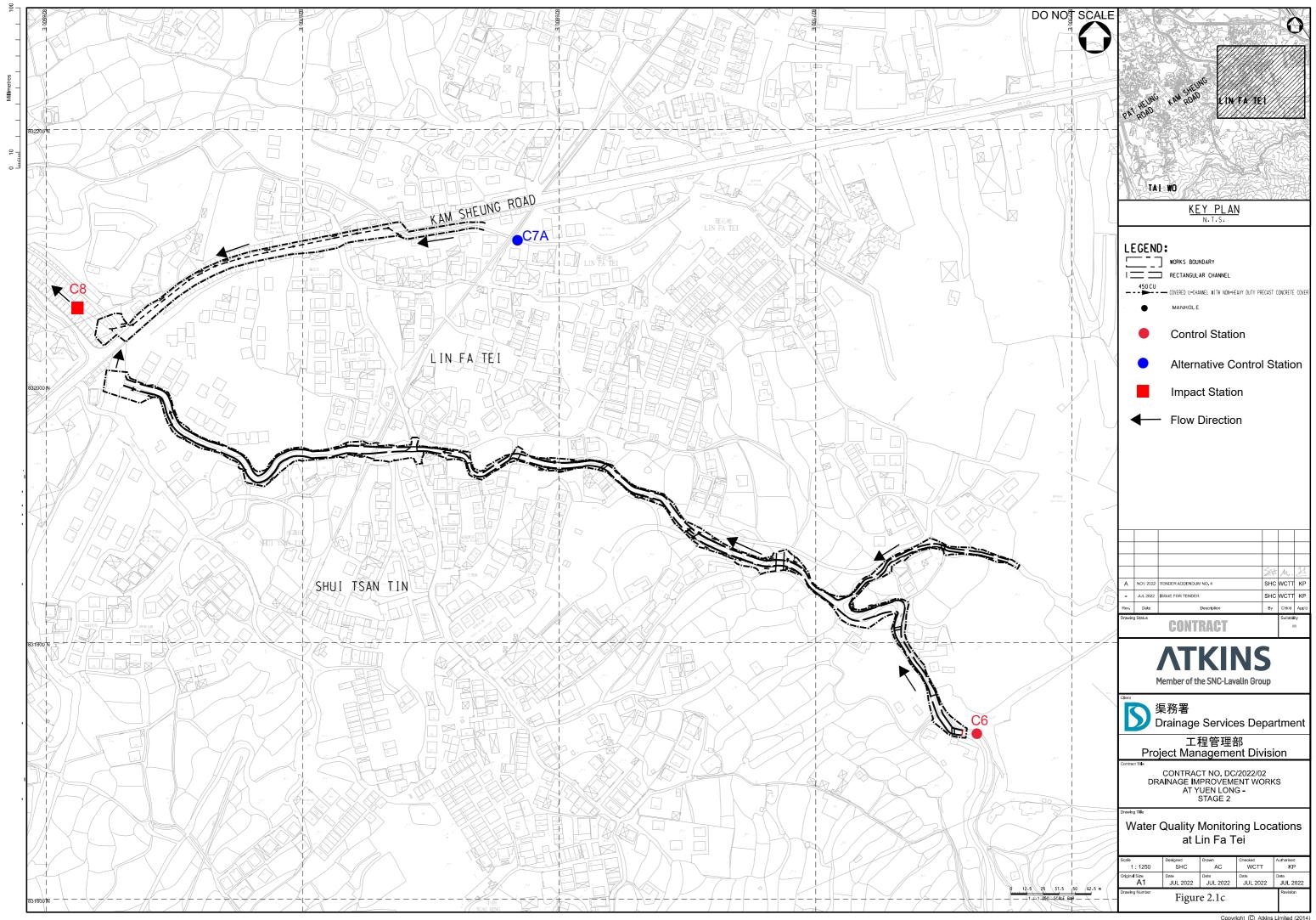


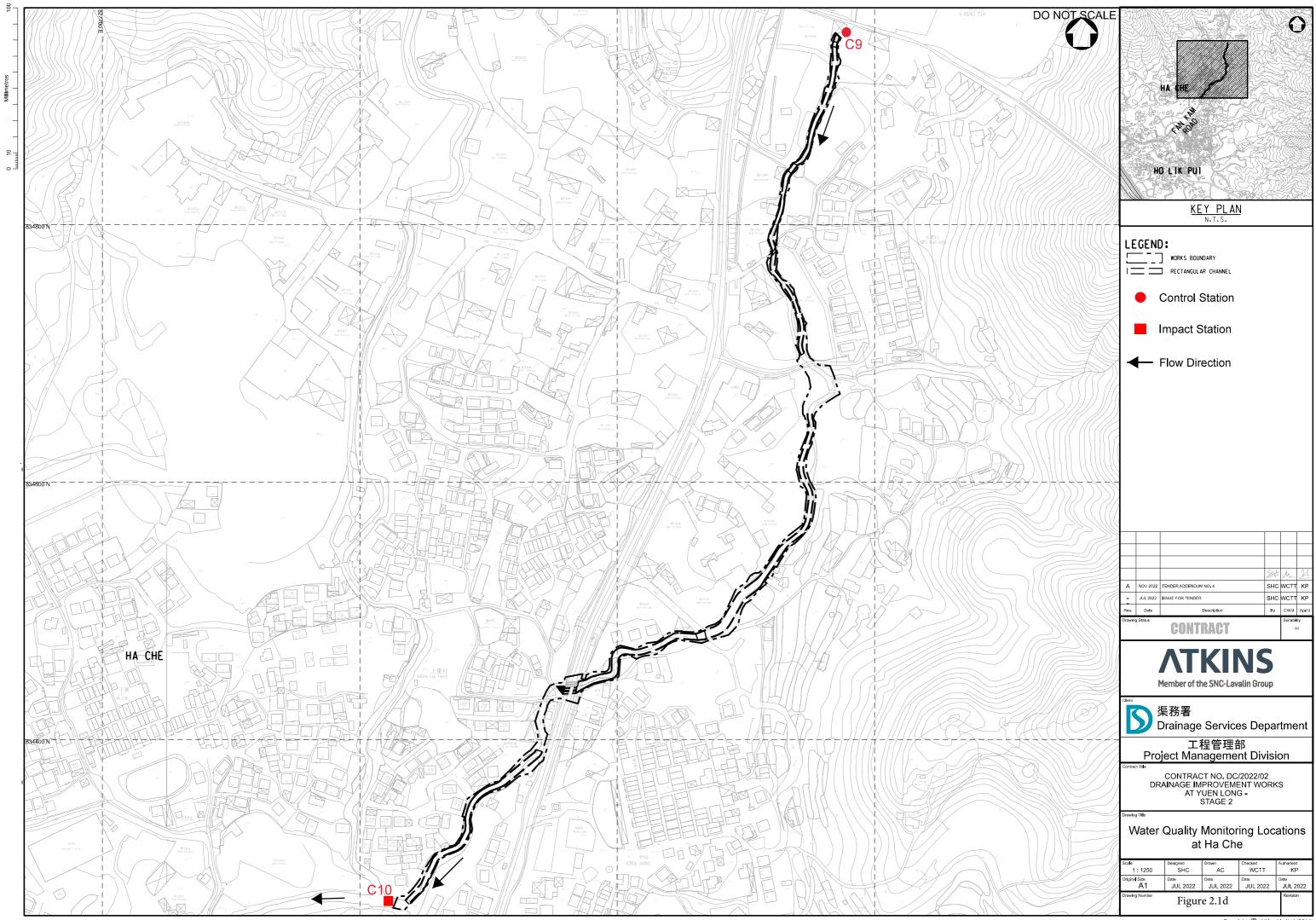
Figure 2.1	Impact Water Quality Monitoring Locations





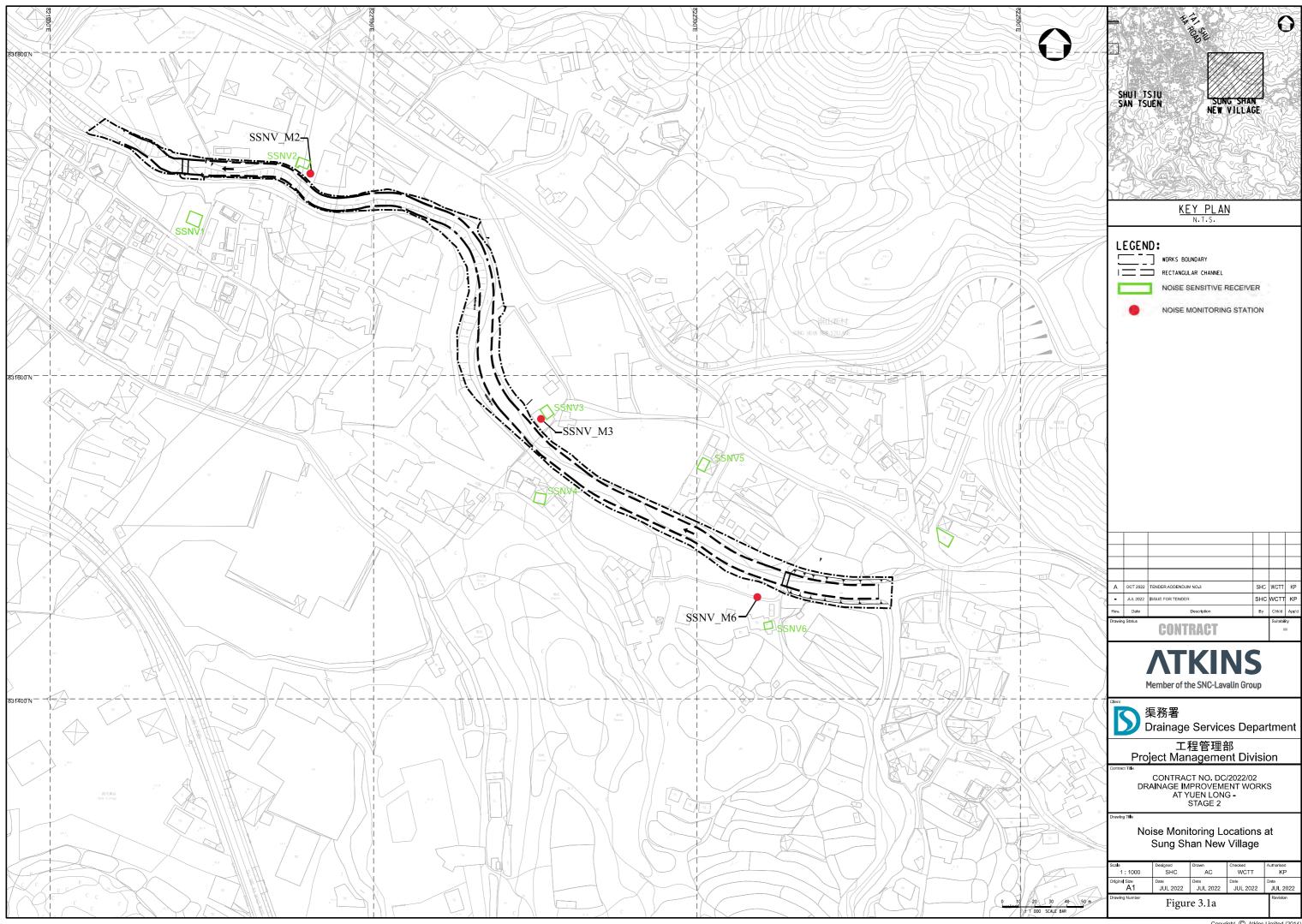


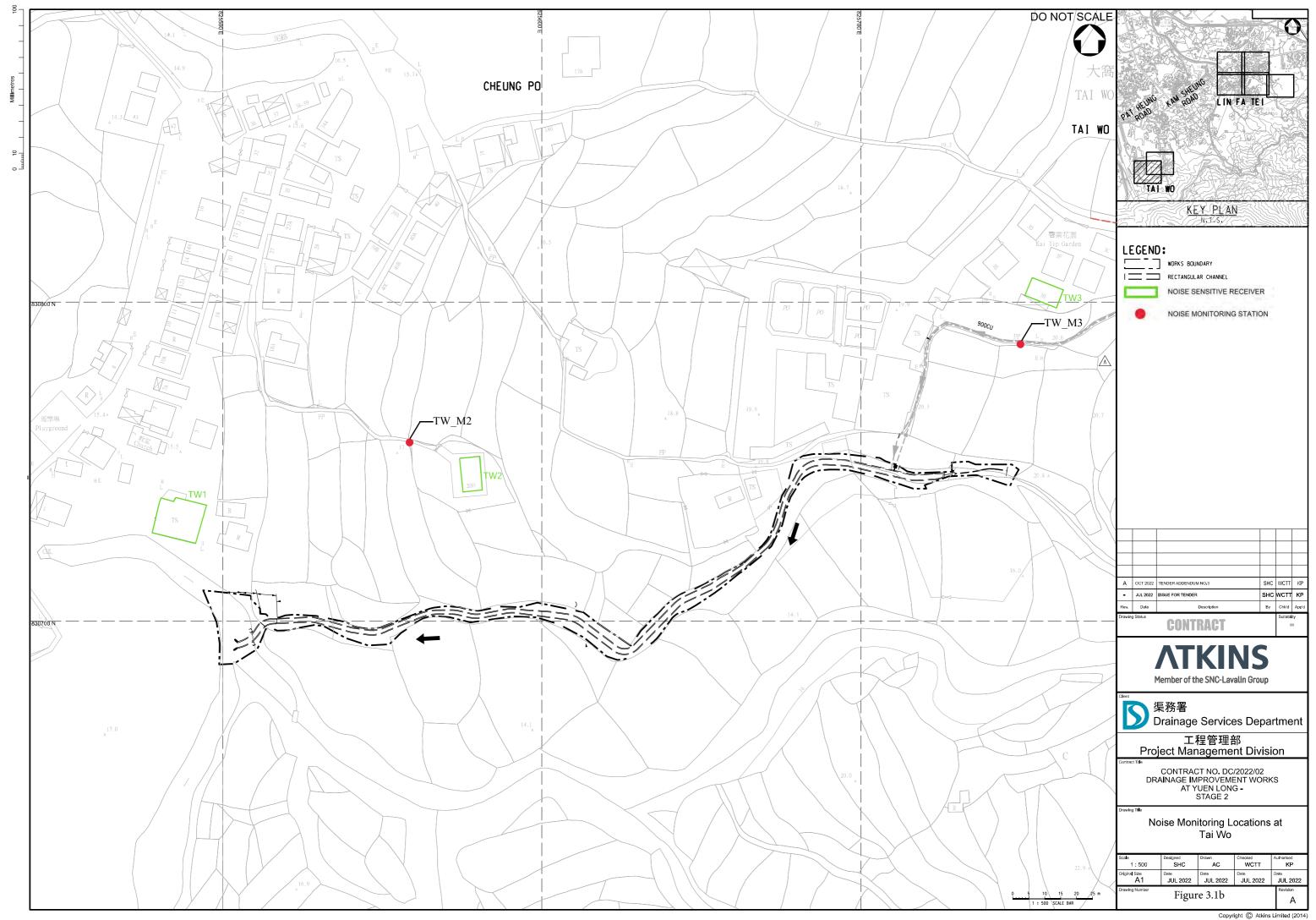
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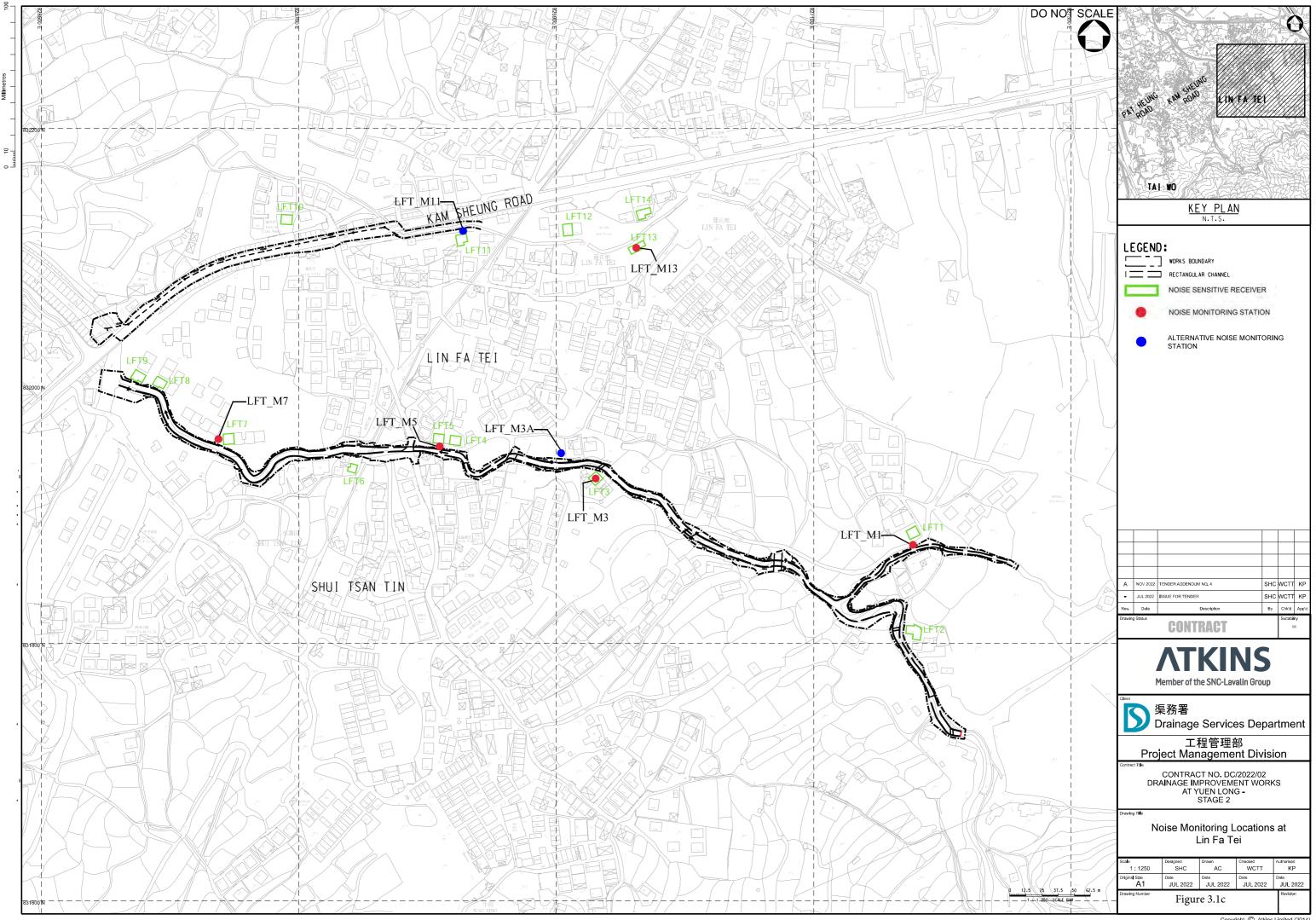


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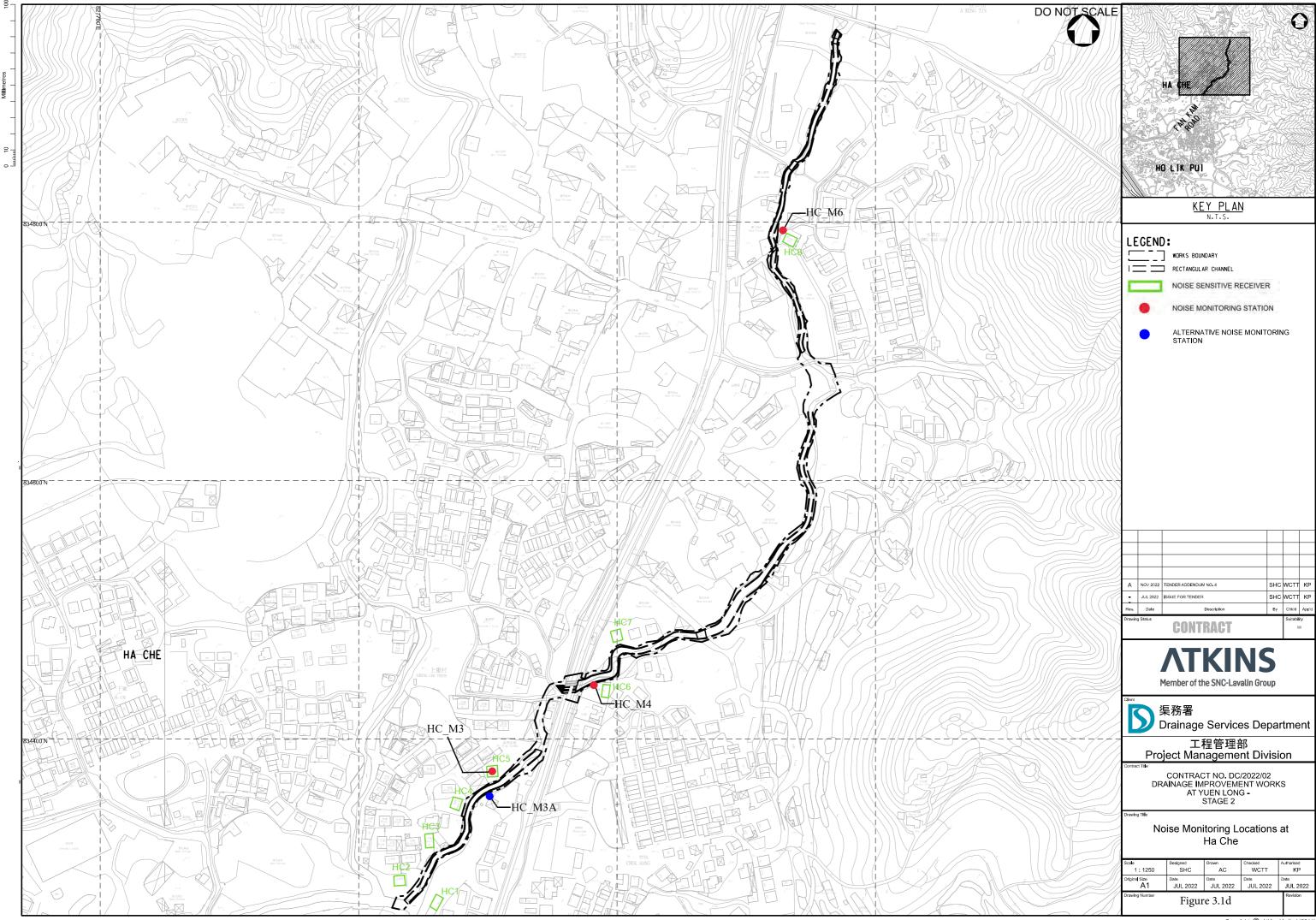
Figure 3.1 Impact Noise Monitoring Locations	







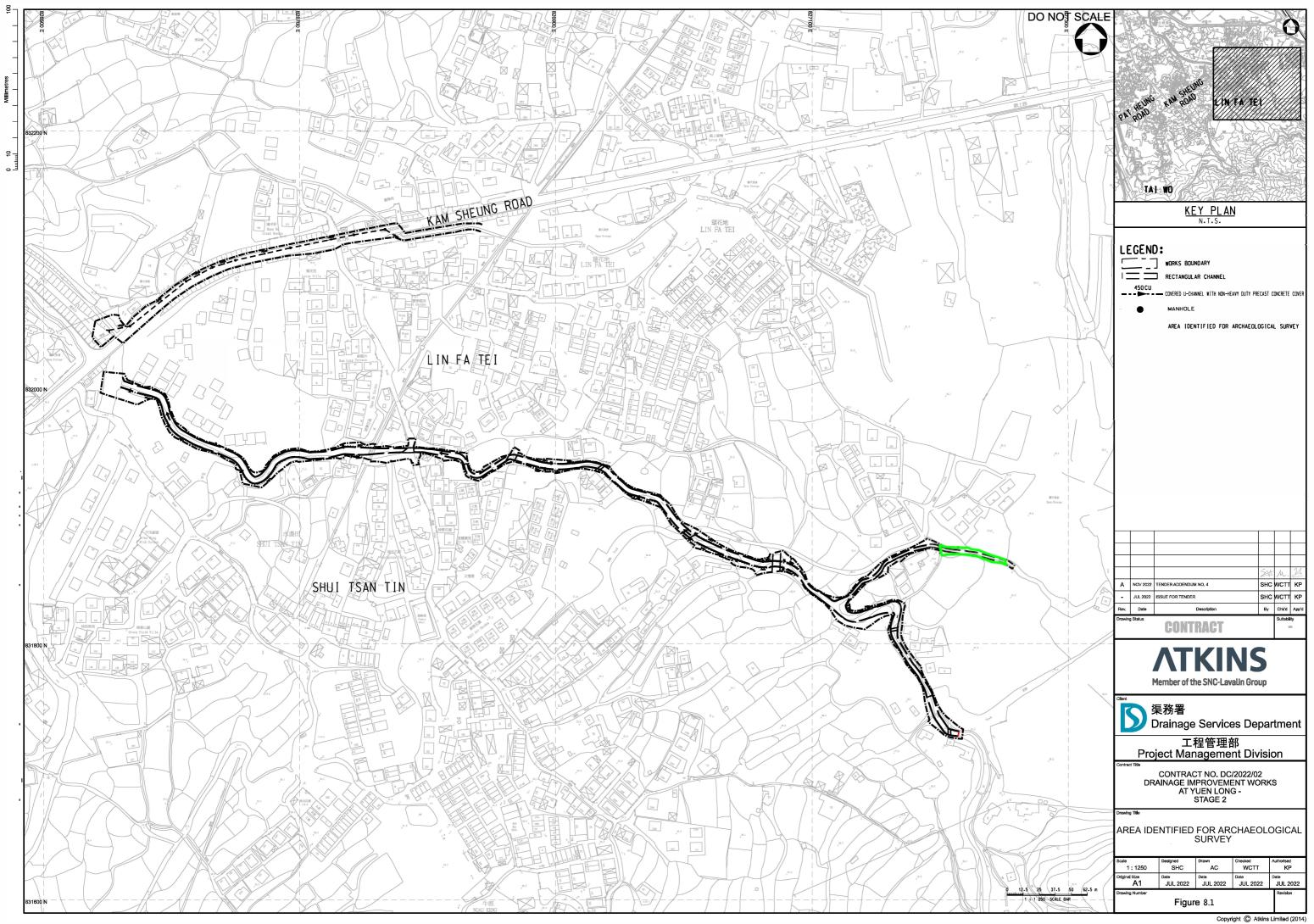
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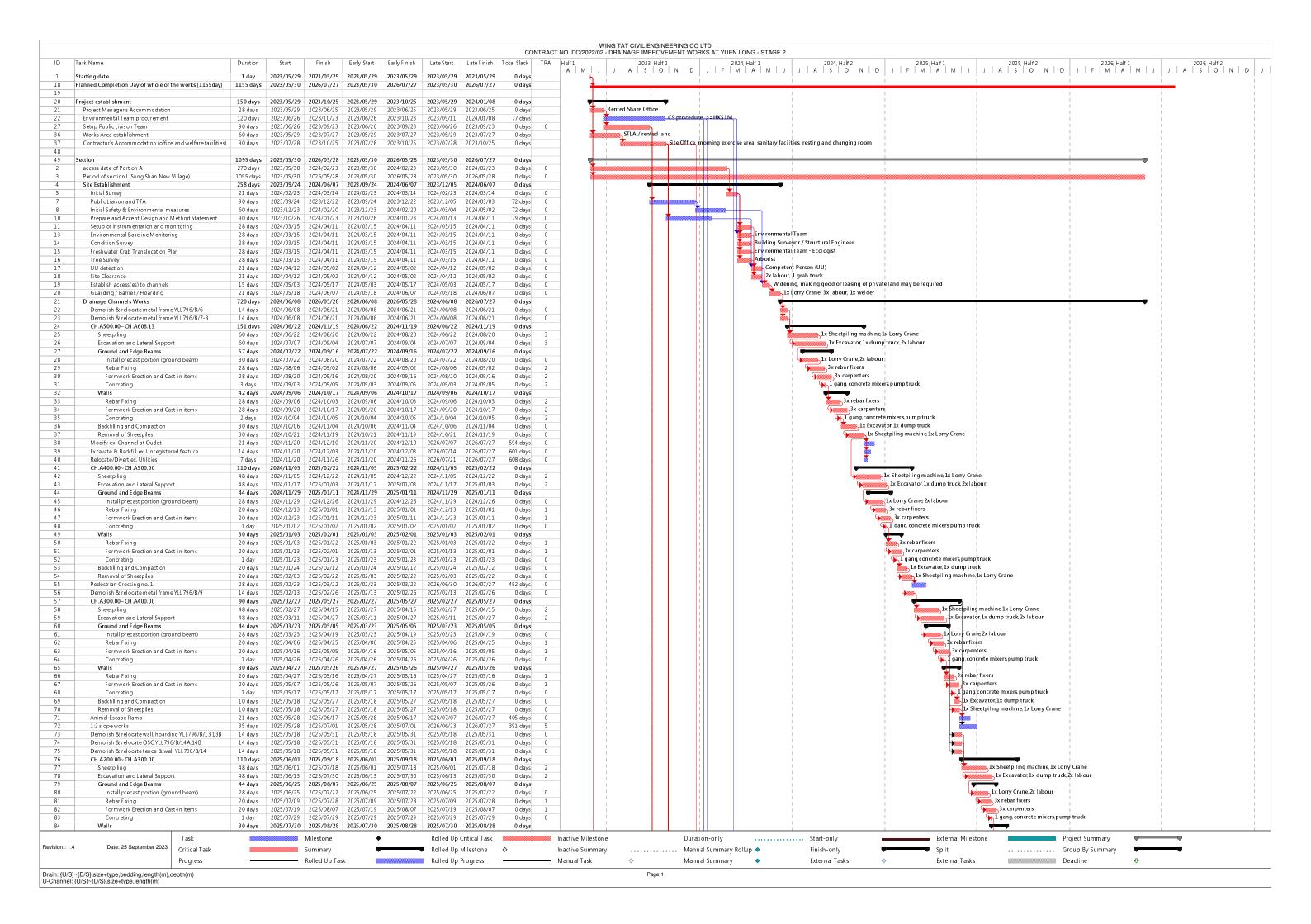
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Figure 8.1	Area for Archaeological Survey	





Appendix 1.1	<b>Construction Programme</b>	



									CONT	RACT NO. DC	/2022/02 - DRAINAGE IMPROVE	MENT WORK	S AT YUEN LONG - STAGE	2					
	Task Name	Duration	Start	Finish	Early Start	Early Finish	Late Start	Late Finish		RA Half 1	2023, Half 2 M J J A S O	N D	2024, Half 1 J F M A M	2024, Half J J A S O		2025, Half 1 J F M A	M J J	2025, Half 2 2026, Ha	
85 86	Rebar Fixing Formwork Erection and Cast-in items	20 days 20 days	2025/07/30 2025/08/09	2025/08/18 2025/08/28			2025/07/30 2025/08/09	2025/08/18	0 days 0 days	1								3x rebar fixers 3x carpenters	
87	Concreting	1 day	2025/08/19	2025/08/19		2025/08/19	2025/08/19	2025/08/19	0 days	0		il.			į		į .	1 gang, concrete mixers pump truck	
88 89	Back filling and Compaction Removal of Sheetpiles	20 days 20 days	2025/08/20 2025/08/30	2025/09/08 2025/09/18					0 days 0 days	0		il.			į		į	1x Excavator, 1x dump truck    1x Sheetpiling machine, 1x Lorry Crane	
90 91	CH.A100.00~ CH.A200.00	90 days	2025/09/09	2025/12/07					0 days	2		il.			į		į	1x Sheetpiling machine 1x Lorry	Crops
92	Sheetpiling Excavation and Lateral Support	48 days 48 days	2025/09/09 2025/09/21	2025/10/26 2025/11/07			2025/09/09 2025/09/21	2025/10/26 2025/11/07	0 days 0 days	2		i ii		į	į		į	1x Excavator, 1x dump truck, 2:	
93	Ground and Edge Beams	44 days	2025/10/03	2025/11/15				2025/11/15	0 days	2		i i			į		į	1x Lorry Crane 2x labour	
94 95	Install precast portion (ground beam) Rebar Fixing	28 days 20 days	2025/10/03 2025/10/17	2025/10/30 2025/11/05		2025/10/30 2025/11/05	2025/10/03 2025/10/17	2025/10/30 2025/11/05	0 days 0 days	1		il					į	3x rebar fixers	
96 97	Formwork Erection and Cast-in items	20 days	2025/10/27		2025/10/27				0 days	1		il					į	3x carpenters  1 gang, concrete mixers, pump	truck
98	Concreting Walls	1 day 10 days	2025/11/06 2025/11/07	2025/11/06 2025/11/16	2025/11/06 2025/11/07		2025/11/06 2025/11/07		0 days <b>0 days</b>						į		į	gang, concrete mixers pump	I
99 100	Rebar Fixing Formwork Erection and Cast-in items	10 days	2025/11/07	2025/11/16		2025/11/16		2025/11/16	0 days	1		il						3x rebar fixers 3x garpenters	
101	Concreting	10 days 1 day	2025/11/07 2025/11/07	2025/11/10	2025/11/07 2025/11/07		2025/11/07 2025/11/07	2025/11/16 2025/11/07	0 days 0 days	0					į		į	gang, concrete mixers, pump	truck
102 103	Backfilling and Compaction Removal of Sheetpiles	20 days 20 days	2025/11/08	2025/11/27 2025/12/07			2025/11/08		0 days 0 days	0		il					į	1x Excavator, 1x dump tru 1x Sheetpiling machine,	I I
104	Demolish & relocate wall and porch YLL796/B/5,5A	14 days		2025/12/07			2025/11/18		10 days	0					į		į	hard the state of	2x zony drane
105 106	Demolish & relocate booth, metal frame YLL 796/B/16 Demolish & relocate wall YLL 796/B/17	14 days 14 days		2025/12/11 2025/12/11			2025/12/08 2025/12/08		10 days 10 days	0					į		į		
107	Relocate/Divert ex. Utilities	14 days	2025/12/08	2025/12/21	2025/12/08	2025/12/21	2025/12/08		0 days	0		i					į		
108 109	CH.A0.00~CH.A100.00 Sheetpiling	130 days 48 days	2025/12/22 2025/12/22		2025/12/22 2025/12/22		2025/12/22 2025/12/22		0 days 0 days	2								1x Sheetnii	■■ ng machine,1x Lorry Crane
110	Excavation and Lateral Support	48 days	2026/01/03	2026/02/19	2026/01/03	2026/02/19	2026/01/03	2026/02/19	0 days	2				i			i		ator, 1x dump truck, 2x lab our
111 112	Ground and Edge Beams Install precast portion (ground beam)	44 days 28 days	2026/01/15 2026/01/15	2026/02/27 2026/02/11			2026/01/15 2026/01/15	2026/02/27 2026/02/11	0 days 0 days	0				İ				1x Lorry Cr	rane, 2x la bour
113	Rebar Fixing	20 days	2026/01/29	2026/02/17	2026/01/29	2026/02/17	2026/01/29	2026/02/17	0 days	1				i			i	3x rebar f	ixers
114 115	Formwork Erection and Cast-in items Concreting	20 days 1 day	2026/02/08	2026/02/27 2026/02/18	2026/02/08 2026/02/18		2026/02/08 2026/02/18	2026/02/27 2026/02/18	0 days 0 days	0		į.		i	į		i	3x carp	enters oncrete mixers, pump truck
116 117	Walls	50 days	2026/02/19	2026/04/09	2026/02/19	2026/04/09	2026/02/19	2026/04/09	0 days	1		i li		i	į		i	₃x rel	ı
117	Rebar Fixing Formwork Erection and Cast-in items	20 days 20 days	2026/02/19 2026/03/21	2026/03/10		2026/03/10 2026/04/09	2026/02/19 2026/03/21	2026/03/10 2026/04/09	0 days 0 days	1		i l		I I	į		i		3x carpenters
119 120	Concreting Backfilling and Compaction	1 day 20 days	2026/03/31 2026/04/01	2026/03/31 2026/04/20			2026/03/31 2026/04/01	2026/03/31 2026/04/20	0 days 0 days	0		il		1	i		İ		gang, concrete mixers, pump truck 1x Excavator, 1x dump truck
121	Removal of Sheetpiles	20 days	2026/04/11	2026/04/30	2026/04/11	2026/04/30	2026/04/11	2026/04/30	0 days	0		1			1		1		1x Sheetpi ing machine, 1x Lorry Crane
122 123	Pedestrian Crossing no. 2 Connection to ex. Stream	28 days 28 days	2026/05/01	2026/05/28	2026/05/01 2026/05/01	2026/05/28	2026/05/01	2026/05/28	0 days 0 days	0		1		I I			1		
124	U-channels	28 days	2026/05/01	2026/05/28	2026/05/01	2026/05/28	2026/05/01	2026/05/28	0 days	0	1	1		I I					
125 126	Facing stone ABWF works	28 days 28 days	2026/05/01	2026/05/28	2026/05/01 2026/05/01			2026/05/28	0 days 0 days	0	1	1			 		I I		Elevajted Working Platform, builder
127	Bedding works	28 days			2026/05/01		2026/05/01	2026/05/28	0 days	0	1	1		l			1		****
50 51	Section II	820 days	2023/05/30	2025/08/26	2023/05/30	2025/08/26	2023/05/30	2026/07/27	0 days			1			-		1		 
2	access date of Portion B section II (Tai Wo)	210 days 820 days	2023/05/30 2023/05/30						o day s	0							l I		
4	Site Establishment	129 days	2023/09/24	2024/01/30	2023/09/24	2024/01/30	2023/09/24		0 days		•		-		!		!		
7	Initial Survey Public Liaison and TTA	15 days 60 days	2023/12/25 2023/09/24				2023/12/25 2023/09/24	2024/01/08 2023/11/22	0 days 0 days	0							-		
8	Initial Safety & Environmental measures	60 days	2023/11/23	2024/01/21			2023/11/23		0 days	0			<b>a</b>		į		į	į	
10 12	Prepare and Accept Design and Method Statement Environmental Baseline Monitoring	90 days 15 days	2023/10/26 2024/01/09				2023/10/26 2024/01/09		0 days 0 days	0		17	En vironmental Team		į		į	į	
13 14	Setup of instrumentation and monitoring Condition Survey	15 days 15 days	2024/01/09 2024/01/09	2024/01/23 2024/01/23			2024/01/09 2024/01/09	2024/01/23 2024/01/23	0 days 0 days	0		i	Building Surveyor / Struc	ural Engineer	į		į	i I	
15	Freshwater Crab Translocation Plan	15 days	2024/01/09	2024/01/23			2024/01/09	2024/01/23	0 days	0			Environmental Team - Ec		į		i	i I	
16 17	Tree Surv <i>e</i> y Establish access(es) to channels	15 days 15 days	2024/01/09	2024/01/23			2024/01/09 2024/01/09	2024/01/23	0 days 0 days	0		1 1	Arborist Widening, making good	or leasing of private land ma	av be required		I I	I I	1 1
18	Guarding / Barrier / Hoarding	9 days	2024/01/22	2024/01/30	2024/01/22	2024/01/30	2024/01/22	2024/01/30	0 days	0		1.	1x lorry crane, 3x labour	, 1x welder	<u> </u>		1		1
19 20	UU detection Site Clearance	7 days 7 days	2024/01/24	2024/01/30 2024/01/30				2024/01/30 2024/01/30	0 days 0 days	0	1	1	Competent Person (UU)	I I	1		1		1
21	Drainage Channels Works (Dry Season Oct-Mar only)	574 days	2024/01/31		2024/01/31				0 days			1			-		1	<del></del>	1
22	Demolish fences and temp. structure Demolish & relocate hoarding, fencing YLL803	9 days 9 days	2024/01/31 2024/01/31	2024/02/08 2024/02/08					0 days 0 days	0		1	*	I I			 	 	1 1
24	CH.A200~CH.A288.29	69 days	2024/02/09	2024/04/17		2024/04/17	2024/02/09	2024/04/17	0 days	1		1	1y Chastrilla	g machine 1x lorry crane	1		I I		1 1
25 26	Sheetpiling (for non-open-cut portions) Excavation and Lateral Support	45 days 45 days	2024/02/09 2024/02/18	2024/04/02	2024/02/18	2024/04/02	2024/02/09 2024/02/18	2024/04/02	0 days 0 days	1		1		or, 1x dump truck, 2x lab our	1		I I	 	1 1
27 28	Base Slab Rebar Fixing	34 days 26 days	2024/02/27 2024/02/27	2024/03/31 2024/03/23			2024/02/27 2024/02/27		0 days 0 days	1		1	3x rebar fixer	 					
29	Formwork Erection and Cast-in items	26 days	2024/03/06	2024/03/31	2024/03/06	2024/03/31	2024/03/06	2024/03/31	0 days	1		1	3x carp ente	rs	1		 	 	
30 31	Concreting <b>W</b> alls	1 day 34 days	2024/03/14 2024/03/15	2024/03/14 2024/04/17			2024/03/14 2024/03/15		0 days 0 days	0		1	1 gang, concret	e mixlers, pump truck	!				1
32	Rebar Fixing	26 days	2024/03/15	2024/04/09	2024/03/15	2024/04/09	2024/03/15	2024/04/09	0 days	1		į	3x rebar fi						1
33 34	Formwork Erection and Cast-in items Concreting	26 days 1 day	2024/03/23 2024/03/31	2024/04/17 2024/03/31					0 days 0 days	0		į	3x carpe	nters :rete mixers,pump truck				 	
35 36	No works for wet season CH.A200~CH.A288.29 (continue)	183 days 39 days	2024/04/01 2024/10/01	2024/09/30	2024/04/01 2024/10/01		2024/04/01 2024/10/01	2024/09/30 2024/11/08	0 days 0 days	0		į	***************************************				i		
37	Back filling and Compaction	30 days	2024/10/01	2024/10/30	2024/10/01	2024/10/30	2024/10/01	2024/10/30	0 days	0		i			1x dump truc		i		i
38 39	Removal of Sheetpiles Connection to ex. Channel at Outlet	30 days 20 days	2024/10/10 2024/10/19	2024/11/08 2024/11/07					0 days 627 days	0		i		· · · · · · · · · · · · · · · · · · ·	1x Forry crai	ne,1x Sheetpiling mach	ine i	i I	
40	CH.A100~CH.A200	93 days	2024/10/19	2025/01/19	2024/10/19	2025/01/19	2024/10/19	2025/01/19	0 days	1		i I			+	siling marks and		 	1
41	Sheetpiling (for non-open-cut portions) Excavation and Lateral Support	30 days 30 days	2024/10/19 2024/10/27	2024/11/17 2024/11/25			2024/10/19 2024/10/27	2024/11/17 2024/11/25	0 days 0 days	1		1				oiling machine, 1x lorry o vator, 1x dump truck, 2x			1
43	Base Slab Rebar Fixing	39 days 30 days	2024/11/04	2024/12/12	2024/11/04	2024/12/12	2024/11/04	2024/12/12	0 days	1		1		I I	3x reb	ar fixers	 		1 1
45	Formwork Erection and Cast-in items	30 days	2024/11/04 2024/11/13	2024/12/03 2024/12/12	2024/11/13	2024/12/12	2024/11/04 2024/11/13	2024/12/12	0 days 0 days	1		1		 	3x ca	arpenters	 	 	1
46 47	Concreting Walls	1 day 39 days	2024/11/22 2024/11/23		2024/11/22 2024/11/23		2024/11/22 2024/11/23		0 days 0 days	0		1		1	1 gang, c	oncrete mixers, pump ti	ruck	 	
48	Rebar Fixing	30 days	2024/11/23	2024/12/22	2024/11/23	2024/12/22	2024/11/23	2024/12/22	0 days	1		1				rebar fixers			
49 50	Formwork Erection and Cast-in items Concreting	30 days 1 day			2024/12/02 2024/12/11	2024/12/31 2024/12/11			0 days 0 days	0		1		 	,	3x carpenters ng, concrete mixers, pun	nptruck .	 	
	´T ask			Milestone				Critical Task	*	Inactive	Milestone	Duratio	n-only	Start-only	**1 1		rnal Milestone	Project Summary	·
Revision.: 1.4	Date: 25 September 2023 Critical Task			Summary	•		Rolled Up	Milestone	<b>♦</b>	Inactive	Summary	Manual	Summary Rollup ◆	Finish-only	_	<b>▼</b> Split		Group By Summary	▼
	Progress			Rolled Up Ta	sk 🛚		Rolled Up	Progress		— Manual	Task 💠	Manual	Summary •	External Tasks	<b>♦</b>	Exter	rnal Tasks	Deadline	4

							1					- INLINI WOTING	S AT YUEN LONG - STAGE 2			
	Task Name			Finish	Early Start	Early Finish	Late Start	Late Finish		TRA Half 1 A	2023, Half 2 M		2024, Half 1 F   M   A   M   J	2024, Half 2 J A S O N	D J F M	5, Half 1 2025, Half 2 2026, Half 1 2026, Half 2 1 A M J J A S O N D J F M A M J J A S O N
51 52	Back filling and Compaction Removal of Sheetpiles				2024/12/12 2024/12/21	2025/01/10 2025/01/19	2024/12/12 2024/12/21	2025/01/10 2025/01/19	0 days 0 days	0				1	1x dump truc	k, Ix Excavator ne, Ix Sheetpiling machine
53	CH.A19.69~ CH.A100				2024/12/21	2025/01/19	2024/12/21		0 days	0				1	T. Iony crai	▼
54	Sheetpiling (for non-open-cut portions)	28 days 2024/	/12/30 20	025/01/26	2024/12/30	2025/01/26	2024/12/30	2025/01/26	0 days	1				1		iling machine 1x lorry crane
55 56	Excavation and Lateral Support  Base Slab				2025/01/06 2025/01/13	2025/02/02 2025/02/20	2025/01/06 2025/01/13	2025/02/02 2025/02/20	0 days 0 days	1 0				I I	1x Excav	rator,1x dump truck,2x labour
57	Rebar Fixing				2025/01/13	2025/02/20	2025/01/13	2025/02/20	0 days	1					3x reba	ar fixers
58	Formwork Erection and Cast-in items				2025/01/22	2025/02/20			0 days	1		i i		 	3x ca	
59 60	Concreting Walls				2025/01/31 2025/02/01	2025/01/31 2025/03/11	2025/01/31 2025/02/01	2025/01/31 2025/03/11	0 days 0 days	0		1		I I	1 gang, co	oncrete mixers, pump truck
61	Rebar Fixing				2025/02/01	2025/03/02	2025/02/01	2025/03/11	0 days	1	į	İ			3x	rebar fixers
62	Formwork Erection and Cast-in items				2025/02/10	2025/03/11	2025/02/10		0 days	1		į			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	x carpenters
63 64	Concreting  Backfilling and Compaction				2025/02/19 2025/02/20	2025/02/19 2025/03/21	2025/02/19 2025/02/20	2025/02/19 2025/03/21	0 days 0 days	0		1		 		ng. concrete mixers.pump truck _1x. dump truck,1x. Excavator
65	Removal of Sheetpiles				2025/03/01	2025/03/30	2025/03/01	2025/03/21	0 days	0		1		I I		Na lorry crane 1x Sheet piling machine
66	900 pipe with flap valve				2025/03/10	2025/03/24	2025/03/17		7 days	0		İ			•	<b>5</b>
67 68	Box Culvert & Pedestrian Crossing  ABWF works				2025/03/10 2025/03/10	2025/03/31 2025/03/31	2025/03/10		0 days 0 days	0		į				Lorry Crane carpenter, rebar fixer, concreting gang
69	Bedding works				2025/03/10	2025/03/31	2025/03/10		0 days	0		i i		I I		
70	No works for wet season	-			2025/04/01	2025/08/26	2025/04/01		0 days	0		1		 		
71 72	U-Channel Works CH.A0.00~CH.A16.40,900CU, L=16.40				2025/02/20 2025/02/20	2025/04/01 2025/04/01	2025/02/20 2025/02/20		0 days 0 days			1		1		
73	Excavation and Lateral Support				2025/02/20	2025/03/21	2025/02/20		0 days	1				I		1x Excavator, 1x dump truck
74	Channel Formwork Erection				2025/03/03	2025/04/01	2025/03/03		0 days	1				1		2x carpenters
75 76	Concreting Drain Laying Works	-			2025/03/13 2025/03/14	2025/03/13 2025/08/26	2025/03/13 2025/03/14		0 days 0 days	U				I I	1	Lgang, concrete mixers
77	CH.A16.40~ CH.A19.69, 900PC, B, L = 3.30, D = 1.5	-			2025/03/14	2025/04/03	2025/03/14		0 days					I I		
78	Excavation and Lateral Support				2025/03/14	2025/03/31	2025/03/14	2025/03/31	0 days	0				!		1x Excavator, 1x dump truck
79 80	Drain Laying Bedding and Backfilling				2025/03/20 2025/03/23	2025/04/03 2025/03/31	2025/03/20 2025/03/23	2025/04/03 2025/03/31	0 days 0 days	0				I I		2x drainlayer
81	Reinstatement	9 days 2025/	/03/23 20	025/03/31	2025/03/23	2025/03/31	2025/03/23	2025/03/31	0 days	0				I I		
82	No works for wet season	148 days 2025/	/04/01 20	025/08/26	2025/04/01	2025/08/26	2025/04/01	2025/08/26	0 days	0				1	I I	
52 53	Section	1155 days 2023/	/05/30 20	026/07/27	2023/05/30	2026/07/27	2023/05/30	2026/07/27	0 days			i		1	i	
2	access date of Portion C1 & C2				2023/05/30	2024/02/23	2023/05/30		0 days	0	1					
3	section III (Lin Fa Tei)				2023/05/30	2026/07/27	2023/05/30		0 days	0				<u></u>		
5	Site Establishment Initial Survey	-			2023/09/24 2024/02/23	2024/07/05 2024/03/07	2023/11/09 2024/02/23	2025/12/21 2024/03/07	46 days 0 days	0	•		*	<del> </del>	I I	
7	Public Liaison and TTA				2023/09/24	2023/12/22	2023/11/09		46 days	0	<b>*</b>				į	
8	Initial Safety & Environmental measures				2023/12/23	2024/02/20	2024/02/07	2024/04/06	46 days	0				1		
10 12	Prepare and Accept Design and Method Statement Environmental Baseline Monitoring				2023/10/26 2024/03/08	2024/01/23 2024/03/22	2023/12/24 2024/03/08		59 days 0 days	0		-	Environmental Tea	∣ a'm	I I	
13	Setup of instrumentation and monitoring				2024/03/08	2024/03/22	2024/03/08		0 days	0				I I	I I	
14	Condition Survey				2024/03/08	2024/03/22	2024/03/08		0 days	0			Building Surveyor	· ·	i	
15 16	Freshwater Crab Translocation Plan Archaeological Survey				2024/03/08	2024/03/22 2024/07/05	2024/03/08 2025/08/24		0 days 534 days	0		i	Environmental Tea	am - Ecologist Environmental Team - Acha	eologist	
17	Tree Survey				2024/03/08	2024/03/22	2024/03/08		0 days	0		1	Arborist	T"	1	
18	UU detection				2024/03/23	2024/04/06			0 days	0			Competent Per 2x labour, 1 gra		I I	
19 20	Site Clearance Establish access(es) to channels				2024/03/23 2024/04/07	2024/04/06 2024/04/21	2024/03/23		0 days 0 days	0				ab truck Naking good or leasing of priva	te land may be required	d i
21	Guarding / Barrier / Hoarding				2024/04/22	2024/05/11	2024/04/22	2024/05/11	0 days	0				çrane, 3x labour, 1x welder		
22 23	Drainage Channels Works CH.A818.86~ CH.A700.00				2024/05/12 2024/05/12	2026/07/27 2024/09/04	2024/05/12 2024/05/12		0 days 0 days				<u> </u>		ı	i i i <del>i</del>
24	Sheetpiling				2024/05/12	2024/05/04			0 days	1		1	1x	Sheetpiling machine, 1x lorry o	rane	
25	Excavation and Lateral Support				2024/05/22	2024/06/20	2024/05/22		0 days	1		1	9	1x Excavator, 1x dump truck, 2x	lab our	
26 27	Ground and Edge Beams  Install precast portion (ground beam)				2024/06/01	2024/07/24 2024/07/05	2024/06/01	2024/07/24 2024/07/05	0 days 0 days	0		į		1x lorry crane, 2x labour	į	
28	Rebar Fixing				2024/06/01	2024/07/14	2024/06/01		0 days	1		i	,	3x rebar fixers		
29	Formwork Erection and Cast-in items	30 days 2024/	/06/25 20	024/07/24	2024/06/25	2024/07/24	2024/06/25	2024/07/24	0 days	1			· •	3x carpenters		
30 31	Concreting Walls				2024/07/05 2024/07/06	2024/07/05 2024/08/14	2024/07/05 2024/07/06		0 days 0 days	0		į į	(	1 gang, concret e mixers, pun	np truck	
32	Rebar Fixing				2024/07/06	2024/08/14	2024/07/06		0 days	1				3x rebar fixers	į	
33	Formwork Erection and Cast-in items	30 days 2024/	/07/16 20	024/08/14	2024/07/16	2024/08/14	2024/07/16	2024/08/14	0 days	1				3x carpenters		
34 35	Concreting  Backfilling and Compaction	-			2024/07/26	2024/07/26			0 days	0				1 gang, concrete mixers		
35 36	Backfilling and Compaction Removal of Sheetpiles				2024/07/27 2024/08/06	2024/08/25 2024/09/04	2024/07/27 2024/08/06		0 days 0 days	0				1x Excavator, 1x d		
37	Relocate Septic Tank & Soakaway Pit	28 days 2024/	/08/15 20	024/09/11	2024/08/15	2024/09/11	2026/06/09	2026/07/06	663 days	4					į	
38 39	Animal Escape Ramp CH.A600.00~ CH.A700.00				2024/09/12	2024/10/02	2026/07/07 2024/08/15		663 days	0					1	
10	CH.A600.00~ CH.A700.00  Sheetpiling				2024/08/15 2024/08/15	2024/11/21 2024/09/11	2024/08/15		0 days 0 days	1				1x Sheetpiling	ı machine 1x lorry crane	
41	Excavation and Lateral Support	28 days 2024/	/08/24 20	024/09/20	2024/08/24	2024/09/20	2024/08/24	2024/09/20	0 days	1					,1x dump truck,2x labo	
42	Ground and Edge Beams	-			2024/09/02	2024/10/14			0 days	0				1x lorry cr	ane 2x labour	
43	Install precast portion (ground beam)  Rebar Fixing				2024/09/02 2024/09/12	2024/10/01 2024/10/06			0 days 0 days	1				3x rebar t		
15	Formwork Erection and Cast-in items	25 days 2024/	/09/20 20	024/10/14	2024/09/20	2024/10/14	2024/09/20	2024/10/14	0 days	1				3x carp	enters	
16 17	Concreting	-			2024/09/28	2024/09/28			0 days	0				1 gang, cor	ncrete mixers pump trud	ck
8	Walls Rebar Fixing	-			2024/09/29 2024/09/29	2024/10/31 2024/10/23	2024/09/29 2024/09/29		0 days 0 days	1				3x reb	oar fixers	
9	Formwork Erection and Cast-in items	25 days 2024/	/10/07 20	024/10/31	2024/10/07	2024/10/31	2024/10/07	2024/10/31	0 days	1				3x c	arpenters	
0	Concreting Back filling and Compaction				2024/10/15 2024/10/16	2024/10/15 2024/11/12	2024/10/15 2024/10/16	2024/10/15 2024/11/12	0 days 0 days	0					concrete mixers;pump «Excavator,1x dump tru	
2	Removal of Sheetpiles				2024/10/16	2024/11/12	2024/10/16		0 days	0					1x Sheetpiling machine	
3	Protection to ex. Dongjiang Water Main	10 days 2024/	/11/03 20	024/11/12	2024/11/03	2024/11/12	2026/07/18	2026/07/27	622 days	0					į	
54 55	CH.A500.00~ CH.A600.00 Sheetpiling	-			2024/11/03 2024/11/03	2025/02/02 2024/11/27			0 days 0 days	1					1x Sheetpiling machin	ne Ix logry grane
56	Sheetpiling Excavation and Lateral Support				2024/11/03	2024/11/27	2024/11/03		0 days 0 days	1					1x Excavator, 1x dum	
57	Ground and Edge Beams	42 days 2024/	/11/19 20	024/12/30	2024/11/19	2024/12/30	2024/11/19	2024/12/30	0 days					ļ	<del></del>	
58 59	Install precast portion (ground beam)				2024/11/19	2024/12/16			0 days	0					1x lorry crane, 2x la 3x rebar fixers	abour
60	Rebar Fixing Formwork Erection and Cast-in items					2024/12/22 2024/12/30			0 days 0 days	1				· · · · · · · · · · · · · · · · · · ·	3x carpenters	
61	Concreting					2024/12/14			0 days	0				 	1 gang, concrete m	nixers, pump truck
	´T ask		Mil	estone	•		Rolled Up	Critical Task		ln active	Milestone	Duration	-only	Start-only		External Milestone Project Summary
ision.: 1.4	Date: 25 September 2023 Critic al Task		Sur	mmary	•		Rolled Up	Milestone	$\Diamond$	Inactive	Summary	Manual :	Summary Rollup ◆	Finish-only	<b>-</b>	Split Group By Summary
	Progress		Rol	led Up Task			Rolled Up	Progress		— Manual	Task ♦	Manual :	Summary •	External Tasks	<b>♦</b>	External Tasks Deadline +

63 64 65 66 67 68 Per 69 De 70 CH 71 72 73 74 75 76 77 78 80 81 82 83 84 Per 85 De 86 CH 87 88 89 90 91 91 92 93 94 95 97 98 99 100 Per 101 Per 102 De 103 CH 104 105 106 107 108 109 110 111 112 113 114 114 115 116	Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 4 emolish & relocate retaining wall YLL796/A/20-22 HA400.00-CH.A500.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 emolish & relocate retaining wall YLL796/A/14-15 HA300.00-CH.A400.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing 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2025/02/20           (10/27)         2025/02/20           (10/27)         2025/03/25           (10/21)         2025/03/25           (10/21)         2025/03/25           (10/30)         2025/03/25           (10/30)         2025/03/25           (10/30)         2025/03/25           (10/30)         2025/03/25           (10/30)         2025/03/25           (10/30)         2025/03/25           (10/30)         2025/03/25           (10/30)         2025/03/25           (10/30)         2025/03/25           (10/31)         2025/04/03           (10/31)         2025/04/20           (10/40)         2025/05/04           (10/41)         2025/05/16           (10/42)         2025/05/16           (10/42)         2025/05/16           (10/42)	2024/12/15 2 2024/12/15 2 2024/12/15 2 2024/12/23 2 2024/12/31 2 2025/01/01 2 2025/01/09 2 2025/01/07 2 2025/01/27 2 2025/01/27 2 2025/02/12 2 2025/02/12 2 2025/02/12 2 2025/02/12 2 2025/03/10 2 2025/04/12 2 2025/04/12 2 2025/04/12 2 2025/05/08 2 2025/05/08 2 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2025/01/16         2024/1           2/31         2024/12/31         2024/1           2/31         2024/12/31         2024/1           2/01         2025/02/02         2025/0           2/09         2025/02/13         2025/0           2/17         2025/02/15         2025/0           2/17         2025/02/15         2025/0           2/17         2025/02/20         2025/0           2/17         2025/02/28         2025/0           2/12         2025/03/25         2025/0           2/12         2025/03/11         2025/0           2/12         2025/03/17         2025/0           2/12         2025/03/17         2025/0           2/12         2025/03/17         2025/0           2/12         2025/03/17         2025/0           2/12         2025/03/17         2025/0           2/12         2025/03/17         2025/0           2/10         2025/03/17         2025/0           2/10         2025/03/17         2025/0           2/10         2025/04/11         2025/0           2/10         2025/04/11         2025/0           2/10         2025/04/20         2025/0 <th>(12/23)         2025/01/16           (12/31)         2024/12/31           (01/01)         2025/01/25           (01/01)         2025/02/25           (01/01)         2025/02/21           (01/17)         2025/02/13           (01/17)         2025/02/26           (01/27)         2025/02/28           (02/12)         2025/03/25           (02/12)         2025/03/25           (02/12)         2025/03/35           (03/01)         2025/03/35           (03/01)         2025/03/35           (03/01)         2025/03/35           (03/03)         2025/03/35           (03/10)         2025/03/25           (03/10)         2025/03/25           (03/10)         2025/03/26           (03/10)         2025/03/21           (03/10)         2025/03/41           (03/26)         2025/03/42           (04/04)         2025/03/42           (04/04)         2025/05/09           (04/12)         2025/05/16           (04/30)         2025/05/16           (05/17)         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 2025/02/26           (01/27)         2025/02/28           (02/12)         2025/03/25           (02/12)         2025/03/25           (02/12)         2025/03/35           (03/01)         2025/03/35           (03/01)         2025/03/35           (03/01)         2025/03/35           (03/03)         2025/03/35           (03/10)         2025/03/25           (03/10)         2025/03/25           (03/10)         2025/03/26           (03/10)         2025/03/21           (03/10)         2025/03/41           (03/26)         2025/03/42           (04/04)         2025/03/42           (04/04)         2025/05/09           (04/12)         2025/05/16           (04/30)         2025/05/16           (05/17)         2025/06/10           (05/17)         2025/06/10           (05/17)         2025/06/10           (05/17)	2024/12/23 2 2024/12/31 2 2025/01/09 2 2025/01/09 2 2025/01/09 2 2025/01/27 2 2025/01/27 2 2025/01/27 2 2025/02/21 2 2025/02/21 2 2025/02/21 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 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Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HA200.00- CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HA200.00- CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 25 days 2025/0 30 days 2025/0 30 days 2025/0 92 days 2025/0 42 days 2025/0 42 days 2025/0 25 days 2025/0	./01 2025/01/25 2025/0 ./09 2025/02/02 2025/0 ./17 2025/02/13 2025/0 ./17 2025/02/13 2025/0 ./17 2025/02/15 2025/0 ./17 2025/02/15 2025/0 ./27 2025/02/28 2025/0 ./27 2025/02/28 2025/0 ./27 2025/03/25 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68 Per 69 De 70 CH 71 72 73 74 75 76 77 78 78 79 80 81 82 83 84 Per 85 De 86 CH 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 Per 101 Per 102 De 103 CH 104 105 106 107 108 109 110 111 111 112 113 114 114 115 115 116	edestrian & Vehicular Crossing no. 4  remolish & relocate retaining wall YLL796/A/20-22  H.A400.00 - CH. A500.00  Sheetpiling Excavation and Lateral Support  Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Fornwork Erection and Cast-in items Concreting  Walls Rebar Fixing Fornwork Erection and Cast-in items Concreting  Backfilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3  remolish & relocate retaining wall YLL796/A/14-15  H.A300.00 - CH.A400.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Fornwork Erection and Cast-in items Concreting  Walls Rebar Fixing Fornwork Erection and Cast-in items Concreting  Walls Rebar Fixing Fornwork Erection and Cast-in items Concreting  Walls Rebar Fixing Fornwork Erection and Cast-in items Concreting  Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2  emolish & relocate retaining wall YLL795/A/4-5  H.A200.00 - CH.A300.00  Sheetpiling Excavation and Lateral Support  Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Install precast portion (ground beam)	28 days 2025/0 30 days 2025/0 92 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	./17 2025/02/13 2025// ./17 2025/02/15 2025// ./17 2025/02/15 2025// ./17 2025/02/15 2025// ./27 2025/04/28 2025// ./27 2025/04/28 2025// ./27 2025/03/25 2025// ./27 2025/03/25 2025// ./21 2025/03/25 2025// ./21 2025/03/17 2025// ./21 2025/03/17 2025// ./21 2025/03/25 2025// ./21 2025/03/25 2025// ./21 2025/03/25 2025// ./21 2025/03/25 2025// ./21 2025/03/25 2025// ./22 2025/03/25 2025// ./23 2025/04/11 2025// ./24 2025/03/26 2025// ./24 2025/03/26 2025// ./25 2025/05/11 2025// ./26 2025/05/24 2025// ./22 2025/05/16 2025// ./22 2025/05/16 2025// ./22 2025/05/16 2025// ./22 2025/06/10 2025// ./23 2025/06/10 2025// ./24 2025/06/10 2025// ./25 2025/06/10 2025// ./25 2025/06/10 2025// ./25 2025/06/10 2025// ./25 2025/06/10 2025// ./25 2025/06/10 2025// ./25 2025/06/10 2025// ./26 2025/07/05 2025// ./26 2025/07/22 2025// ./26 2025/07/22 2025// ./26 2025/07/22 2025// ./26 2025/07/22 2025// ./26 2025/07/22 2025// ./26 2025/08/04 2025// ./26 2025/07/26 2025// ./26 2025/07/26 2025// ./26 2025/07/26 2025// ./26 2025/08/04 2025// ./26 2025/08/04 2025// ./26 2025/07/26 2025// ./26 2025/07/26 2025// ./26 2025/08/04 2025//	101/17   2025/02/13   101/17   2025/02/15   101/17   2025/02/15   101/27   2025/02/28   101/27   2025/02/28   102/24   2025/03/25   102/24   2025/03/25   102/24   2025/03/25   102/24   2025/03/25   102/24   2025/03/25   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/03/26   103/26   2025/05/09   103/26   2025/05/16   103/26   2025/05/16   105/25   2025/06/18   105/25   2025/06/18   105/25   2025/06/18   105/25   2025/06/18   105/25   2025/06/18   105/25   2025/06/18   105/25   2025/06/18   105/25   2025/06/18   105/25   2025/06/18   105/25   2025/06/18   105/25   2025/06/27   106/11   2025/06/19   2025/07/05   106/20   2025/07/14   106/20   2025/07/14   106/20   2025/07/26   107/06	2025/06/30 2 2025/01/17 2 2025/01/27 2 2025/01/27 2 2025/02/27 2 2025/02/12 2 2025/02/12 2 2025/02/12 2 2025/02/11 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/04/04 2 2025/06/08 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/04 2 2025/06/04 2 2025/06/04 2 2025/06/04 2 2025/06/04 2 2025/06/04 2 2025/06/04 2 2025/06/04 2	2026/07/27 2025/02/15 2025/04/28 2025/04/28 2025/03/25 2025/03/25 2025/03/25 2025/03/25 2025/03/25 2025/03/25 2025/03/25 2025/03/25 2025/03/26 2025/04/11 2025/04/11 2025/04/11 2025/04/20 2025/04/20 2025/05/11 2025/05/11 2025/05/16 2025/05/16 2025/05/16 2025/05/24 2025/06/10 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/19 2025/06/17 2025/06/17	529 days	1 1 0 0 0 0 4 0 1 1 1 1 0 1 1 1					Temporary crossing  1x Sheetpiling machine, 1x lorry crane 1x lorry crane, 2x labour 3x rebar fixers 3x carpenters 1 gang, concrete mixers, pump truck 1x Sheetpiling machine, 1x lorry crane 1x Sheetpiling machine, 1x lorry crane 1x Sheetpiling machine, 1x lorry crane 1x Excavator, 1x dump truck, 2x labour 1x lorry crane, 2x labour 3x rebar fixers 3x carpenters 1x lorry crane, 2x labour 3x rebar fixers 3x carpenters y lapang, concrete mixers, pump truck
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71 72 73 73 74 75 76 77 78 79 80 81 82 83 84 Peter 85 De 86 CH 87 88 89 90 91 92 93 94 95 99 91 100 Peter 97 98 99 100 Peter 101 Peter 102 De 103 CH 104 105 106 107 108 109 110 111 112 113 114 114 115 116	Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Fornwork Erection and Cast-in items Concreting Walls Rebar Fixing Fornwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 emolish & relocate retaining wall YLL796/A/14-15 H.A300.00- CH.A400.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Fornwork Erection and Cast-in items Concreting Walls Rebar Fixing Fornwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 H.A200.00- CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam)	25 days 2025/0 25 days 2025/0 28 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 29 days 2025/0 29 days 2025/0 29 days 2025/0 29 days 2025/0 21 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 29 days 2025/0 29 days 2025/0 29 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	./27 2025/02/20 2025/0 ./27 2025/02/28 2025/0 ./24 2025/03/25 2025/0 ./21 2025/03/25 2025/0 ./21 2025/03/25 2025/0 ./21 2025/03/11 2025/0 ./21 2025/03/17 2025/0 ./21 2025/03/17 2025/0 ./21 2025/03/25 2025/0 ./20 2025/03/09 2025/0 ./20 2025/04/03 2025/0 ./20 2025/04/03 2025/0 ./21 2025/04/03 2025/0 ./22 2025/03/26 2025/0 ./22 2025/03/26 2025/0 ./22 2025/05/11 2025/0 ./22 2025/05/11 2025/0 ./22 2025/05/12 2025/0 ./22 2025/05/12 2025/0 ./22 2025/05/14 2025/0 ./22 2025/05/24 2025/0 ./22 2025/05/24 2025/0 ./22 2025/06/18 2025/0 ./22 2025/06/18 2025/0 ./23 2025/06/19 2025/0 ./23 2025/06/19 2025/0 ./23 2025/06/19 2025/0 ./23 2025/06/19 2025/0 ./24 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/06/19 2025/0 ./25 2025/07/14 2025/0 ./25 2025/07/14 2025/0 ./25 2025/07/14 2025/0 ./25 2025/07/14 2025/0 ./25 2025/08/0 ./25	101/27   2025/02/20   2012/02/28   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/25   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/05/26   2025/07	2025/01/27 2 2025/02/04 2 2025/02/12 2 2025/02/12 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/27 2 2025/03/27 2 2025/04/24 2 2025/04/22 2 2025/04/22 2 2025/04/22 2 2025/04/27 2 2025/04/28 2 2025/05/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/28 2	2025/02/20 2025/02/28 2025/03/25 2025/03/17 2025/03/17 2025/03/25 2025/03/17 2025/03/26 2025/03/09 2025/04/11 2025/03/26 2025/04/20 2025/04/28 2025/05/11 2025/05/11 2025/05/14 2025/05/14 2025/05/14 2025/05/14 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/19 2025/06/17	0 days	1 1 0 0 0 0 4 0 1 1 1 1 0 1 1 1					1x lorry crane, 2x labour  3x rebar fixers  3x carpenters  1 gang, concrete mixers, pump truck  1x Sheetpilling machine, 1x lorry crane  1x Sheetpilling machine, 1x lorry crane  1x Excavator, 1x dump truck, 2x labour  1x lorry crane, 2x labour  3x rebar fixers  1x gang, concrete mixers, pump truck  1x Sheetpilling machine, 1x lorry crane  1x Excavator, 1x dump truck, 2x labour  1x lorry crane, 2x labour  3x rebar fixers  3x carpenters  1 gang, concrete mixers, pump truck
72 73 74 74 75 76 77 78 77 78 79 80 81 82 83 84 Pei 85 De 86 6H 87 88 89 90 91 92 93 94 95 96 97 98 99 100 Pei 101 Pei 102 De 103 CH 104 105 106 107 108 109 110 111 112 113 114 114 115 116	Excavation and Lateral Support  Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backrilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 remolish & relocate retaining wall YLL796/A/14-15 HA300.00 - CH.A400.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HA200.00 - CH A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 42 days 2025/0 28 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	2/04         2025/02/28         2025/02/28           2/12         2025/03/25         2025/03/25           2/12         2025/03/25         2025/03/25           2/12         2025/03/11         2025/03/25           2/21         2025/03/25         2025/03/25           2/01         2025/03/25         2025/03/25           2/01         2025/04/11         2025/04/11           2/10         2025/04/11         2025/04/20           2/12         2025/03/26         2025/04/20           2/12         2025/04/20         2025/04/20           2/12         2025/04/20         2025/04/20           2/12         2025/05/09         2025/04/20           2/12         2025/05/09         2025/05/11           2/12         2025/05/11         2025/05/14           2/12         2025/05/16         2025/06/12           2/12         2025/05/16         2025/06/08           2/12         2025/06/14         2025/06/08           2/12         2025/06/04         2025/06/08           2/12         2025/06/14         2025/06/08           2/12         2025/06/14         2025/06/12           2/17         2025/06/18         2025/06/12 <tr< td=""><td>102/04         2025/02/28           102/12         2025/03/25           102/12         2025/03/11           102/12         2025/03/11           102/21         2025/03/11           102/21         2025/03/15           103/01         2025/03/15           103/10         2025/04/13           103/10         2025/04/11           103/26         2025/04/28           103/27         2025/05/09           104/04         2025/05/09           104/12         2025/05/11           104/22         2025/05/16           104/30         2025/05/16           105/08         2025/06/14           105/08         2025/06/04           105/17         2025/06/10           105/17         2025/06/10           105/18         2025/06/10           105/17         2025/06/10           105/17         2025/06/10           105/17         2025/06/10           106/02         2025/06/11           106/03         2025/06/12           106/11         2025/06/12           106/11         2025/06/19           106/20         2025/07/14           106/20         2025/07/14&lt;</td><td>2025/02/04 2 2025/02/12 2 2025/02/12 2 2025/02/12 2 2025/02/1 2 2025/03/01 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/04/04 2 2025/04/04 2 2025/04/04 2 2025/04/04 2 2025/04/12 2 2025/04/12 2 2025/04/22 2 2025/04/20 2 2025/05/08 2 2025/05/08 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 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2025/03/25           102/12         2025/03/11           102/12         2025/03/11           102/21         2025/03/11           102/21         2025/03/15           103/01         2025/03/15           103/10         2025/04/13           103/10         2025/04/11           103/26         2025/04/28           103/27         2025/05/09           104/04         2025/05/09           104/12         2025/05/11           104/22         2025/05/16           104/30         2025/05/16           105/08         2025/06/14           105/08         2025/06/04           105/17         2025/06/10           105/17         2025/06/10           105/18         2025/06/10           105/17         2025/06/10           105/17         2025/06/10           105/17         2025/06/10           106/02         2025/06/11           106/03         2025/06/12           106/11         2025/06/12           106/11         2025/06/19           106/20         2025/07/14           106/20         2025/07/14<	2025/02/04 2 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lorry crane, 2x labour  3x rebar fixers  1x gang, concrete mixers, pump truck  1x Sheetpilling machine, 1x lorry crane  1x Excavator, 1x dump truck, 2x labour  1x lorry crane, 2x labour  3x rebar fixers  3x carpenters  1 gang, concrete mixers, pump truck
74 75 76 77 78 79 80 81 82 83 81 82 83 84 Pec 85 De 86 CH 87 99 90 91 92 93 94 95 96 97 98 99 100 Pec 101 Pec 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 114	Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Back filling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 emolish & relocate retaining wall YLL796/A/14-15 HA300.00- CH.A400.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Back filling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HA200.00- CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	28 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 33 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 28 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 29 days 2025/0 29 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	2025/03/11   2025/03/11   2025/03/11   2025/03/17   2025/03/17   2025/03/17   2025/03/17   2025/03/17   2025/03/17   2025/03/05   2025/03/09   2025/03/09   2025/03/09   2025/03/09   2025/03/18   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/03/26   2025/05/11   2025/05/05/11   2025/05/05/05/11   2025/05/05/05/11   2025/05/05/05/11   2025/05/05/05/11   2025/05/05/05/11   2025/05/05/05/11   2025/05/05/05/11   2025/05/05/05/11   2025/05/05/11   2025/05/05/05/05/05/05/05/05/05/05/05/05/05	(02/12         2025/03/11           (02/21         2025/03/17           (03/21         2025/03/25           (03/01         2025/03/25           (03/01         2025/03/25           (03/09         2025/04/11           (03/16         2025/04/11           (03/18         2025/04/21           (03/27         2025/04/20           (04/04         2025/05/09           (04/12         2025/05/09           (04/12         2025/05/16           (04/22         2025/05/16           (04/30         2025/05/16           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04           (05/08         2025/06/04<	2025/02/12 2 2025/03/01 2 2025/03/09 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/16 2 2025/03/26 2 2025/03/26 2 2025/04/12 2 2025/04/12 2 2025/04/20 2 2025/04/30 2 2025/05/08 2 2025/05/08 2 2025/05/06/02 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2	2025/03/11 2025/03/17 2025/03/17 2025/03/25 2025/03/25 2025/04/11 2025/04/11 2025/04/12 2025/04/20 2025/04/20 2025/04/20 2025/05/11 2025/05/12 2025/05/16 2025/05/16 2025/06/10 2025/06/10 2025/06/10 2025/06/17 2025/06/27 2025/06/27 2025/06/27 2025/06/17	0 days 0	1 1 0 0 0 0 4 0 1 1 1 1 0 1 1 1					3x rebar fixers  3x carpenters  3x rebar fixers  3x carpenters  1 gang, concrete mixers, pump truck  1x Sheetpiling machine, 1x lorry crane  Temporary crossing  1x Sheetpiling machine, 1x lorry crane  1x Excavator, 1x dump truck, 2x labour  1x lorry crane, 2x labour  3x rebar fixers  3x carpenters  1 gang, concrete mixers, pump truck
75 76 77 78 77 78 79 80 81 82 83 84 Per 85 Dec 86 CH 87 88 89 90 91 92 93 94 95 99 91 100 Per 101 Per 102 De 103 CH 104 105 106 107 108 109 110 111 112 113 114 114	Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 emolish & relocate retaining wall YLL796/A/14-15 H.A300.00 - CH.A400.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 H.A200.00 - CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 25 days 2025/0 33 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 29 days 2025/0	2/21         2025/03/17         2025/03/17         2025/03/17           2/01         2025/03/25         2025/03/25         2025/03/25         2025/03/25         2025/03/25         2025/03/25         2025/03/25         2025/03/26	102/21         2025/03/17           103/01         2025/03/25           103/09         2025/03/09           103/10         2025/04/01           103/10         2025/04/01           103/10         2025/04/11           103/26         2025/03/26           103/27         2025/04/28           104/12         2025/05/91           104/12         2025/05/16           104/12         2025/05/16           104/22         2025/05/16           104/30         2025/05/24           105/08         2025/06/18           105/08         2025/06/10           105/17         2025/06/10           105/17         2025/06/10           105/18         2025/06/10           105/19         2025/06/10           105/10         2025/06/10           106/03         2025/06/10           106/03         2025/07/05           106/11         2025/06/19           106/20         2025/07/14           106/20         2025/07/14           106/20         2025/07/14           106/20         2025/07/14           106/20         2025/07/14           106/20         2025/07/12<	2025/02/21 2 2025/03/01 2 2025/03/01 2 2025/03/10 2 2025/03/10 2 2025/03/10 2 2025/03/18 2 2025/03/27 2 2025/04/24 2 2025/04/22 2 2025/04/22 2 2025/04/22 2 2025/04/25 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/25 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/04 2 2025/06/28 2	2025/03/17 2025/03/17 2025/03/25 2025/03/09 2025/04/11 2025/04/03 2025/04/11 2025/04/20 2025/04/28 2025/05/11 2025/05/11 2025/05/14 2025/05/14 2025/05/14 2025/06/18 2025/06/10 2025/06/18 2025/06/18 2025/06/18 2025/06/18 2025/06/19 2025/06/17	0 days	1 1 0 0 0 0 4 0 1 1 1 1 0 1 1 1					3x rebar fixers  3x carpenters  3x rebar fixers  3x carpenters  1 gang, concrete mixers, pump truck  1x Sheetpiling machine, 1x lorry crane  Temporary crossing  1x Sheetpiling machine, 1x lorry crane  1x Excavator, 1x dump truck, 2x labour  1x lorry crane, 2x labour  3x rebar fixers  3x carpenters  1 gang, concrete mixers, pump truck
77 78 79 80 81 81 82 83 84 Per 85 De  86 CH 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114	Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 temolish & relocate retaining wall YLL796/A/14-15 HA300.00- CH.A400.00 Sheetpilling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HA200.00- CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	1 day 2025/0 33 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 29 days 2025/0 20 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	8/09 2025/03/09 2025/0 8/09 2025/03/09 2025/0 8/10 2025/04/11 2025/0 8/10 2025/04/11 2025/0 8/118 2025/04/11 2025/0 8/128 2025/04/21 2025/0 8/128 2025/04/20 2025/0 8/128 2025/04/20 2025/0 8/128 2025/05/11 2025/0 8/128 2025/05/11 2025/0 8/128 2025/05/11 2025/0 8/128 2025/05/16 2025/0 8/128 2025/05/16 2025/0 8/128 2025/05/16 2025/0 8/128 2025/05/16 2025/0 8/128 2025/05/16 2025/0 8/128 2025/05/18 2025/0 8/128 2025/05/18 2025/0 8/128 2025/05/18 2025/0 8/128 2025/05/19 2025/0 8/128 2025/05/19 2025/0 8/128 2025/05/21 2025/0 8/128 2025/05/21 2025/0 8/128 2025/07/05 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/07/14 2025/0 8/128 2025/08/04 2025/0	(03/09)         2025/03/09           (03/10)         2025/04/11           (03/10)         2025/04/13           (03/10)         2025/04/21           (03/26)         2025/04/26           (03/27)         2025/04/28           (04/04)         2025/05/19           (04/12)         2025/05/11           (04/22)         2025/05/16           (04/22)         2025/05/16           (04/22)         2025/05/16           (05/08)         2025/05/18           (05/08)         2025/06/18           (05/08)         2025/06/18           (05/07)         2025/06/18           (06/03)         2025/06/10           (06/03)         2025/06/10           (06/03)         2025/06/02           (06/03)         2025/06/27           (06/11)         2025/06/19           (06/22)         2025/07/14           (06/23)         2025/07/14           (06/24)         2025/07/22           (07/06)         2025/07/22           (07/06)         2025/07/22	2025/03/09 2 2025/03/10 2 2025/03/18 2 2025/03/18 2 2025/03/26 2 2025/03/26 2 2025/04/4 2 2025/04/12 2 2025/04/12 2 2025/04/2 2 2025/04/2 2 2025/05/08 2 2025/05/07 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2	2025/03/09 2025/04/11 2025/04/03 2025/04/12 2025/04/20 2025/04/20 2025/04/20 2025/05/11 2025/05/12 2025/05/14 2025/05/14 2025/06/10 2025/06/10 2025/06/10 2025/06/17 2025/06/17 2025/06/17 2025/06/17 2025/06/17	0 days 0 days	1 1 0 0 0 0 4 0 1 1 1 1 0 1 1 1					1 gang, concrete mixers, pump truck  3x rebar fixers  3x carpenters  1x Excavator, 1x dump truck  1x Sheetpiling machine, 1x lorry crane  Temporary crossing  1x Sheetpiling machine, 1x lorry crane  1x Excavator, 1x dump truck, 2x labour  1x lorry crane, 2x labour  3x rebar fixers  3x carpenters  1 gang, concrete mixers, pump truck
78 79 80 81 82 83 84 Pec 85 De 86 CH 87 88 89 90 91 92 93 94 95 97 98 99 100 Pec 101 Pec 102 De 103 CH 105 106 107 108 109 110 111 112 113 114	Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 emolish & relocate retaining wall YLL796/A/14-15 HA300.00~ CH A400.00 Sheetpilling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HA200.0~ CH A300.00 Sheetpilling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	33 days 2025/0 25 days 2025/0 1 day 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 30 days 2025/0 25 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 29 days 2025/0 29 days 2025/0 29 days 2025/0 20 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 29 days 2025/0 29 days 2025/0 29 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	8/10         2025/04/11         2025/04/11         2025/04/11           8/10         2025/04/03         2025/04/03         2025/04/03           8/18         2025/04/11         2025/04/26         2025/04/20         2025/04/20         2025/05/27         2025/04/20         2025/04/20         2025/04/20         2025/04/20         2025/05/12         2025/05/12         2025/05/12         2025/05/12         2025/05/12         2025/05/12         2025/05/12         2025/05/12         2025/05/12         2025/05/12         2025/05/14         2025/05/14         2025/05/14         2025/05/14         2025/05/14         2025/05/14         2025/05/06/18         2025/05/06/10         2025/05/06/10         2025/05/06/10         2025/05/17         2025/06/10         2025/05/06/10         202	//3/10         2025/04/11           //3/10         2025/04/03           //3/18         2025/04/11           //3/18         2025/04/20           //3/26         2025/04/20           //3/27         2025/04/20           //3/27         2025/05/91           //3/27         2025/05/91           //3/22         2025/05/91           //3/22         2025/05/16           //3/22         2025/05/16           //3/30         2025/05/16           //3/30         2025/05/18           //3/30         2025/06/18           //3/30         2025/06/04           //3/30         2025/06/04           //3/30         2025/06/04           //3/30         2025/06/04           //3/30         2025/06/04           //3/30         2025/06/04           //3/30         2025/06/04           //3/30         2025/06/04           //3/30         2025/06/02           //3/30         2025/06/02           //3/30         2025/06/02           //3/30         2025/06/02           //3/30         2025/06/02           //3/30         2025/06/02           //3/30         2025/06/02<	2025/03/10 2 2025/03/10 2 2025/03/16 2 2025/03/26 2 2025/03/27 2 2025/04/04 2 2025/04/04 2 2025/04/12 2 2025/04/12 2 2025/04/12 2 2025/04/22 2 2025/04/22 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/11 2 2025/06/11 2 2025/06/20 2 2025/06/20 2	2025/04/11 2025/04/11 2025/04/11 2025/04/20 2025/04/20 2025/04/20 2025/04/27 2025/05/11 2025/05/12 2025/05/14 2025/05/14 2025/06/18 2025/06/10 2025/06/10 2025/06/17 2025/06/17 2025/06/17	0 days 0 days	1 1 0 0 0 0 4 0 1 1 1 1 0 1 1 1					3x rebarfixers 3x carpenters  1 gang concrete mixers, pump truck 1x Excavator, 1x dump truck 1x Sheetpiling machine, 1x lorry crane Temporary crossing  1x Sheetpiling machine, 1x lorry crane 1x Excavator, 1x dump truck, 2x labour 1x lorry crane, 2x labour 3x rebar fixers 3x carpenters 1 gang, concrete mixers, pump truck
80 81 82 83 84 Pec 85 De 86 CH 87 88 89 99 91 92 93 94 95 96 97 98 99 91 100 Pec 101 P	Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 emolish & relocate retaining wall YLL796/A/14-15 H.A300.00 - CH.A400.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 H.A200.00 - CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 1 day 2025/0 25 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 30 days 2025/0 30 days 2025/0 30 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0		103/18   2025/04/11     103/26   2025/03/26     103/27   2025/03/26     103/27   2025/04/28     104/12   2025/05/09     104/12   2025/05/11     104/30   2025/05/24     105/30   2025/05/24     105/30   2025/06/18     105/30   2025/06/04     105/30   2025/06/04     105/30   2025/06/02     105/30   2025/06/02     105/30   2025/06/02     105/30   2025/06/02     105/30   2025/06/02     105/30   2025/06/02     105/30   2025/07/05     105/30   2025/07/05     105/30   2025/07/14     105/30   2025/07/14     105/30   2025/07/12     105/30   2025/07/14	2025/03/18 2 2025/03/26 2 2025/03/27 2 2025/04/04 2 2026/06/30 2 2025/04/04 2 2025/04/02 2 2025/04/22 2 2025/04/22 2 2025/04/2 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/28 2	2025/04/11 2025/03/26 2025/04/20 2025/04/28 2026/07/27 2025/05/11 2025/05/16 2025/05/16 2025/05/24 2025/06/18 2025/06/10 2025/06/18 2025/06/19 2025/06/19 2025/06/19 2025/06/27 2025/06/19 2025/06/19 2025/06/19	0 days 0	4 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 1 1 1					3x carpenters  1 gang concrete mixers, pump truck  1x Excavator, 1x dump truck  1x Sheetpiling machine 1x lorry crane  Temporary crossing  1x Sheetpiling machine 1x lorry crane  1x Excavator, 1x dump truck, 2x labour  1x lorry crane 2x labour  3x rebar fixers  3x carpenters  1 gang, concrete mixers pump truck
81 82 83 84 Pet 85 De 86 CH 87 88 88 89 90 91 91 92 93 94 95 96 97 98 99 100 Pet 101 Pet 102 De 101 De 102 De 101 De 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 115 116	Concreting Backfilling and Compaction Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 temolish & relocate retaining wall YLL796/A/14-15 HA300.00- CH.A400.00 Sheetpilling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HA200.00- CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	1 day 2025/0 25 days 2025/0 28 days 2025/0 30 days 2025/0 25 days 2025/0 30 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 30 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0	8/26         2025/03/26         2025/03/26           8/27         2025/04/20         2025/04/20           8/27         2025/04/20         2025/04/20           8/27         2025/04/28         2025/05/09           8/27         2025/05/11         2025/05/12           8/22         2025/05/16         2025/05/16           8/22         2025/05/16         2025/05/16           8/30         2025/05/24         2025/05/06/04           8/30         2025/06/04         2025/06/04           8/71         2025/06/18         2025/06/10           8/71         2025/06/18         2025/06/19           8/72         2025/06/18         2025/06/02           8/72         2025/06/18         2025/06/02           8/72         2025/06/18         2025/06/02           8/73         2025/06/18         2025/06/02           8/74         2025/06/18         2025/06/02           8/75         2025/06/07         2025/06/02           8/74         2025/06/07         2025/06/07           8/75         2025/06/07         2025/06/07           8/72         2025/07/14         2025/07/05           8/72         2025/07/14         2025/07/06	103/26   2025/03/26   2025/03/26   2025/04/20   2025/04/20   204/20   204/20   2025/05/11   2025/05/11   2025/05/16   2025/05/16   2025/05/16   2025/05/16   2025/05/16   2025/05/20   2025/06/18   2025/06/04   2025/06/04   2025/06/02   2025/06/02   2025/06/02   2025/06/02   2025/06/02   2025/06/02   2025/06/02   2025/06/02   2025/06/02   2025/06/02   2025/06/02   2025/06/02   2025/07/06   2025/08/06   20	2025/03/26 2 2025/03/27 2 2025/04/04 2 2025/04/04 2 2025/04/12 2 2025/04/12 2 2025/04/22 2 2025/04/30 2 2025/05/08 2 2025/05/07 2 2025/05/07 2 2025/05/07 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/04 2 2025/06/28 2	2025/03/26 2025/04/28 2025/04/28 2026/07/27 2025/05/11 2025/05/16 2025/05/24 2025/05/24 2025/06/10 2025/06/10 2025/06/10 2025/06/17 2025/06/17 2025/06/17 2025/06/17 2025/06/17	0 days 0 days 0 days 444 days 440 days 0 day	4 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 1 1 1					1x Sheetpiling machine 1x lorry crane Temporary crossing  1x Sheetpiling machine 1x lorry crane 1x Excavator, 1x dump truck, 2x labour 1x lorry crane, 2x labour 3x rebar fixers 3x carpenters 1 agang, concrete mixers, pump truck
83 84 Per 85 De 86 CH 87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 114 115	Removal of Sheetpiles edestrian & Vehicular Crossing no. 3 temolish & relocate retaining wall YLL796/A/14-15 H.A300.00 - CH.A400.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Fornwork Erection and Cast-in items Concreting Walls Rebar Fixing Fornwork Erection and Cast-in items Concreting Backfiling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 temolish & relocate retaining wall YLL795/A/4-5 H.A200.00 - CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 28 days 2025/0 30 days 2025/0 92 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 29 days 2025/0 20 days 2025/0 20 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	1/04   2025/04/28   2025/04/28   2025/05/09   2025/05/09   2025/05/09   2025/05/09   2025/05/05/01   2025/05/05/01   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05   2025/05/05   2025/05/05   2025/05/05   2025/05/05   2025/05/05   2025/05/05   2025/05/05   2025/05/05   2025/05/05   2025/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05   2025/05/05/05/05/05/05/05/05/05/05/05/05/05	704/04 2025/04/28 704/12 2025/05/09 704/12 2025/05/11 704/22 2025/05/16 704/30 2025/05/16 704/30 2025/05/24 705/08 2025/06/08 705/17 2025/06/18 705/05 2025/06/18 705/06 2025/06/08 705/07 2025/06/08 705/07 2025/06/19 706/03 2025/06/02 706/03 2025/06/27 706/11 2025/06/19 706/28 2025/07/14 706/28 2025/07/14 706/28 2025/07/22 707/06 2025/07/20	2025/04/04 2 2026/06/30 2 2025/04/22 2 2025/04/22 2 2025/04/22 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/05/08 2 2025/06/03 2 2025/06/03 2 2025/06/11 2 2025/06/11 2 2025/06/2 2 2025/06/2 2	2025/04/28 2026/07/27 2025/05/11 2025/05/16 2025/05/16 2025/05/16 2025/06/18 2025/06/10 2025/06/10 2025/06/10 2025/06/17 2025/06/27 2025/06/27 2025/06/27 2025/06/19 2025/06/19	0 days	4 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 1 1 1					1x Sheetpiling machine 1x lorry crane Temporary crossing  1x Sheetpiling machine 1x lorry crane 1x Excavator, 1x dump truck, 2x labour 1x lorry crane, 2x labour 3x rebar fixers 3x carpenters 1 gang, concrete mixers pump truck
84 Per 85 De 86 CH 87 88 89 99 91 92 93 94 95 96 97 98 99 100 Per 101 De 102 De 103 CH 105 106 107 108 109 110 111 111 112 113 114 114 115 116	edestrian & Vehicular Crossing no. 3  emolish & relocate retaining wall YLL796/A/14-15 H.A300.00 ~ CH.A400.00  Sheetpiling Excavation and Lateral Support  Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting  Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Back filling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 eth.A200.00 ~ CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	28 days 2025/0 30 days 2025/0 92 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 30 days 2025/0 30 days 2025/0 30 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0		704/12 2025/05/09 704/12 2025/05/11 704/22 2025/05/11 704/22 2025/05/24 705/08 2025/06/18 705/08 2025/06/04 705/17 2025/06/04 705/17 2025/06/02 705/08 2025/06/02 705/08 2025/06/02 705/08 2025/06/02 705/08 2025/07/05 706/03 2025/07/05 706/11 2025/06/19 705/06/19 2025/07/14 706/28 2025/07/14 706/28 2025/07/12 707/06 2025/07/22 707/06 2025/08/02	2026/06/30 2 2025/04/12 2 2025/04/22 2 2025/04/22 2 2025/04/22 2 2025/05/08 2 2025/05/17 2 2025/05/17 2 2025/06/02 2 2025/06/03 2 2025/06/03 2 2025/06/11 2 2025/06/11 2 2025/06/20 2 2025/06/20 2	2026/07/27 2025/05/11 2025/05/16 2025/05/16 2025/05/16 2025/06/18 2025/06/10 2025/06/10 2025/06/10 2025/06/10 2025/06/27 2025/06/27 2025/07/05 2025/06/19 2025/07/14	444 days 4 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0 0 days 0	1 1 0 1 1 1 0					Temporary crossing  1x Sheetpiling machine 1x lorry crane 1x Excavator, 1x dump truck, 2x labour  1x lorry crane, 2x labour 3x rebar fixers 3x carpenters 1 gang, concrete mixers pump truck
86 CH 87 87 88 88 89 90 91 92 93 94 95 96 97 98 99 100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 115 116	H.A300.00~ CH.A400.00  Sheetpiling Excavation and Lateral Support  Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting  Walls Rebar Fixing Formwork Erection and Cast-in items Concreting  Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 H.A200.00~ CH.A300.00  Sheetpiling Excavation and Lateral Support  Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	92 days 2025/0 25 days 2025/0 25 days 2025/0 42 days 2025/0 28 days 2025/0 28 days 2025/0 25 days 2025/0 25 days 2025/0 33 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 30 days 2025/0 30 days 2025/0 30 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 35 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	M/22         2025/07/22         2025/07/22           M/22         2025/05/16         2025/05/16           M/22         2025/05/16         2025/05/16           M/30         2025/05/16         2025/06/18           2088         2025/06/18         2025/06/18           M/30         2025/06/10         2025/06/10           M/30         2025/06/10         2025/06/12           M/30         2025/06/12         2025/06/02           M/30         2025/06/02         2025/07/05         2025/07/05           M/30         2025/06/17         2025/07/11         2025/07/11         2025/07/12           M/30         2025/06/19         2025/06/19         2025/07/14         2025/07/14         2025/07/14         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/08/04         2025/07/16         2025/07/16         2025/07/16         2025/08/04         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16         2025/07/16	\( \frac{704}{22} \) \( \frac{2025}{07/22} \) \( \frac{702}{2025} \) \( \frac{702}{22} \) \( \frac{2025}{2025} \) \( \frac{702}{22} \) \( \frac{2025}{2025} \) \( \frac{702}{22}	2025/04/22 2 2025/04/32 2 2025/04/30 2 2025/05/08 2 2025/05/08 2 2025/05/17 2 2025/05/25 2 2025/06/03 2 2025/06/03 2 2025/06/11 2 2025/06/11 2 2025/06/20 2 2025/06/20 2 2025/06/20 2	2025/07/22 2025/05/16 2025/05/16 2025/06/18 2025/06/04 2025/06/10 2025/06/10 2025/06/02 2025/07/05 2025/06/19 2025/06/19	0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days	1 1 0 1 1 1 0					1x lorry crane 2x labour  1x lorry crane 2x labour  3x rebar fixers  3x carpenters  1 gang, concrete mixers pump truck
87 88 89 90 91 91 92 93 94 95 96 97 98 99 100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 114 115 116	Sheetpiling Excavation and Lateral Support  Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting  Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Back filling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 temolish & relocate retaining wall YLL795/A/4-5 HAZ00.00 CH A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 25 days 2025/0 25 days 2025/0 28 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 28 days 2025/0 30 days 2025/0 30 days 2025/0 30 days 2025/0 30 days 2025/0 30 days 2025/0 32 days 2025/0 35 days 2025/0 36 days 2025/0 37 days 2025/0 38 days 2025/0 39 days 2025/0 39 days 2025/0	\( \frac{1}{2} \) 2025/05/16 \\ 2025/05/16 \\ 2025/05/24 \\ 2025/05/24 \\ 2025/05/24 \\ 2025/05/24 \\ 2025/06/18 \\ 2025/06/18 \\ 2025/06/18 \\ 2025/06/10 \\ 2025/06/10 \\ 2025/06/10 \\ 2025/06/10 \\ 2025/06/10 \\ 2025/06/10 \\ 2025/06/10 \\ 2025/06/02 \\ 2025/06/02 \\ 2025/06/02 \\ 2025/06/02 \\ 2025/06/02 \\ 2025/07/05 \\ 2025/06/10 \\ 2025/06/10 \\ 2025/06/10 \\ 2025/06/10 \\ 2025/07/05 \\ 2025/06/10 \\ 2025/07/14 \\ 2025/06/10 \\ 2025/07/26 \	(04/22         2025/05/16           (04/32         2025/05/24           (05/08         2025/06/18           (05/08         2025/06/10           (05/05         2025/06/10           (05/25         2025/06/02           (06/03         2025/06/02           (06/03         2025/06/02           (06/11         2025/07/05           (06/12         2025/06/19           (06/20         2025/07/05           (06/19         2025/07/14           (06/28         2025/07/22           (07/06         2025/07/22           (07/06         2025/08/02	2025/04/22 2 2025/04/30 2 2025/05/08 2 2025/05/08 2 2025/05/17 2 2025/05/25 2 2025/06/03 2 2025/06/03 2 2025/06/11 2 2025/06/1 2 2025/06/2 2 2025/06/2 2	2025/05/16 2025/05/24 2025/06/18 2025/06/04 2025/06/10 2025/06/10 2025/06/02 2025/07/05 2025/07/05 2025/07/14	0 days	1					1x lorry crane 2x labour  1x lorry crane 2x labour  3x rebar fixers  3x carpenters  1 gang, concrete mixers pump truck
89 90 91 91 92 93 94 95 96 97 98 99 100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 115 116	Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HAZ00.00-CHA300.00 Sheetpilling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	42 days 2025/0 28 days 2025/0 25 days 2025/0 1 day 2025/0 1 day 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 1 day 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 28 days 2025/0 28 days 2025/0 30 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	5/08         2025/06/18         2025/06/18           5/08         2025/06/04         2025/06/04           2025/06/04         2025/06/04         2025/06/04           5/17         2025/06/01         2025/05/25           5/25         2025/06/02         2025/06/02           2025/06/02         2025/07/05         2025/05/05           5/03         2025/07/05         2025/05/07           2025/07/05         2025/05/01         2025/05/01           5/11         2025/06/19         2025/05/01           5/20         2025/07/14         2025/05/07/24           2025/07/06         2025/07/26         2025/07/06           2025/08/02         2025/07/06         2025/08/04           2025/08/04         2025/08/04         2025/07/16           2025/08/04         2025/08/04         2025/07/16           2025/08/04         2025/08/04         2025/08/04           2025/08/04         2025/08/04         2025/08/04           2025/08/05         2025/08/05         2025/08/05	/05/08         2025/06/18           /05/08         2025/06/04           /05/17         2025/06/10           /05/25         2025/06/02           /06/02         2025/06/02           /06/03         2025/07/05           /06/03         2025/07/05           /06/11         2025/07/05           /06/19         2025/07/14           /06/28         2025/07/12           /06/28         2025/07/22           /07/06         2025/07/26           /07/06         2025/08/02	2025/05/08 2 2025/05/08 2 2025/05/17 2 2025/05/25 2 2025/06/03 2 2025/06/03 2 2025/06/03 2 2025/06/01 2 2025/06/19 2 2025/06/20 2 2025/06/28 2	2025/06/18 2025/06/04 2025/06/10 2025/06/18 2025/06/08 2025/06/05 2025/06/27 2025/07/05 2025/06/19 2025/07/14	0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days	1			1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1x lorry crane, 2x labour 3x rebar fixers 3x repar fixers 3x carpenters 1 gang, concrete mixers, pump truck
90 91 92 93 94 95 96 97 98 99 100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 115 116	Install precast portion (ground beam) Rebar Fixing Formwork Erection and Cast-in items Concreting Walls Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HA200.00 ~ CH A300.00 Sheetpilling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	28 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 1 day 2025/0 33 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 26 days 2025/0 27 days 2025/0 30 days 2025/0 30 days 2025/0 32 days 2025/0 32 days 2025/0 32 days 2025/0 34 days 2025/0 35 days 2025/0 42 days 2025/0 42 days 2025/0	\$\frac{5}{08} \text{ 2025}/06/04 \text{ 2025}/05/06 \text{ 2025}/06/10 \text{ 2025}/05/06/11 \text{ 2025}/06/10 \text{ 2025}/06/12 \text{ 2025}/06/12 \text{ 2025}/06/02 \text{ 2025}/06/02 \text{ 2025}/06/02 \text{ 2025}/07/05 \text{ 2025}/07/05 \text{ 2025}/07/05 \text{ 2025}/07/05 \text{ 2025}/07/05 \text{ 2025}/07/05 \text{ 2025}/07/05 \text{ 2025}/07/14 \text{ 2025}/07/06 \text{ 2025}/07/22 \text{ 2025}/07/06 \text{ 2025}/07/06 \text{ 2025}/08/02 \text{ 2025}/07/06 \text{ 2025}/08/04 \text{ 2025}/07/06 \text{ 2025}/08/04 \text{ 2025}/07/06 \text{ 2025}/08/04 \text{ 2025}/07/06 \text{ 2025}/08/04 \text{ 2025}/07/06 \text{ 2025}/07/05 \text{ 2025}/07	05/08 2025/06/04 05/17 2025/06/10 05/25 2025/06/18 06/02 2025/06/02 06/03 2025/07/05 06/03 2025/07/05 06/11 2025/07/05 06/19 2025/07/01 06/20 2025/07/14 06/28 2025/07/22 07/06 2025/07/22 07/06 2025/08/02	2025/05/08 2 2025/05/17 2 2025/05/17 2 2025/06/02 2 2025/06/03 2 2025/06/03 2 2025/06/11 2 2025/06/19 2 2025/06/29 2 2025/06/28 2	2025/06/04 2025/06/10 2025/06/18 2025/06/02 <b>2025/07/05</b> 2025/06/27 2025/07/05 2025/06/19 2025/07/14	0 days 0 days 2 days 0	1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	3x rebar fixers 3x carpenters 1 gang, concrete mixers, pump truck
92 93 94 95 96 97 98 99 9100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 115 116	Formwork Erection and Cast-in items Concreting  Walls  Rebar Fixing Formwork Erection and Cast-in items Concreting  Back filling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HAZ00.00 - CH.A300.00  Sheetpiling Excavation and Lateral Support  Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 1 day 2025/0 33 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 21 days 2025/0 28 days 2025/0 28 days 2025/0 28 days 2025/0 30 days 2025/0 92 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	\$\frac{5}{25}  2025/06/18  2025/06/20  2025/06/02  2025/06/02  2025/06/03  2025/07/05  2025/07/05  2025/07/05  2025/07/05  2025/07/05  2025/07/05  2025/07/14  2025/07/15  202	(05/25)         2025/06/18           (06/02)         2025/06/02           (06/03) <b>2025/07/05</b> (06/03)         2025/06/27           (06/11)         2025/07/05           (06/12)         2025/06/19           (06/20)         2025/07/14           (06/28)         2025/07/22           (07/06)         2025/07/26           (07/06)         2025/08/02	2025/05/25 2 2025/06/02 2 2025/06/03 2 2025/06/03 2 2025/06/11 2 2025/06/19 2 2025/06/20 2 2025/06/28 2	2025/06/18 2025/06/02 2025/07/05 2025/06/27 2025/07/05 2025/06/19 2025/07/14	0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0 days 0	1			1 1 1 1	 	3x carpenters 1 gang, concrete mixers, pump truck
94 95 96 97 98 99 100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 115 116	Walls  Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 H.A200.00 - CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	33 days 2025/0 25 days 2025/0 25 days 2025/0 1 day 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 21 days 2025/0 30 days 2025/0 30 days 2025/0 32 days 2025/0 42 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 42 days 2025/0	5/03 2025/07/05 2025/05/06 5/03 2025/06/27 2025/05/11 2025/07/05 2025/05/11 2025/06/19 2025/05/02 2025/07/14 2025/05/28 2025/07/22 2025/07/06 2025/07/26 2025/07/06 2025/08/02 2025/07/06 2025/08/04 2025/07/06 2025/08/04 2025/07/16 2025/07/16 2025/07/15 2025/07/16	/06/03         2025/07/05           /06/03         2025/06/27           /06/11         2025/07/05           /06/19         2025/06/19           /06/20         2025/07/14           /06/28         2025/07/26           /07/06         2025/07/26           /07/06         2025/08/02	2025/06/03 2 2025/06/03 2 2025/06/11 2 2025/06/19 2 2025/06/20 2 2025/06/28 2	2025/07/05 2025/06/27 2025/07/05 2025/06/19 2025/07/14	0 days 0 days 0 days 0 days 0 days	1			1 1 1	1 1 1	<del>□ &gt;</del>
95 96 97 98 99 100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 115 116	Rebar Fixing Formwork Erection and Cast-in items Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 temolish & relocate retaining wall YLL795/A/4-5 HAZ00.00- CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 25 days 2025/0 1 days 2025/0 25 days 2025/0 25 days 2025/0 21 days 2025/0 30 days 2025/0 30 days 2025/0 25 days 2025/0 30 days 2025/0 25 days 2025/0 25 days 2025/0 42 days 2025/0	5/03 2025/06/27 2025/05/11 2025/07/05 2025/05/19 2025/06/19 2025/06/19 2025/07/14 2025/05/28 2025/07/22 2025/07/06 2025/07/26 2025/07/26 2025/07/06 2025/08/04 2025/07/06 2025/08/04 2025/07/16 2025/08/04 2025/07/16 2025/08/04 2025/07/16 2025/10/15 2025/07/16 2025/10/15 2025/07/16 2025/10/15 2025/07/16 2025/10/15 2025/07/16 2025/10/15 2025/07/16 2025/0	06/03         2025/06/27           06/11         2025/07/05           06/19         2025/06/19           06/20         2025/07/14           06/28         2025/07/22           07/06         2025/07/26           07/06         2025/08/02	2025/06/03 2 2025/06/11 2 2025/06/19 2 2025/06/20 2 2025/06/28 2	2025/06/27 2025/07/05 2025/06/19 2025/07/14	0 days 0 days 0 days	1	 		1	I I	taran da karantaran da kar
97 98 99 100 Per 101 Per 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 115 116	Concreting Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HA200.00~ CH A300.00 Sheetpilling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	1 day 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 21 days 2025/0 28 days 2025/0 30 days 2025/0 92 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0 25 days 2025/0	5/19 2025/06/19 2025/0 5/20 2025/07/14 2025/0 5/28 2025/07/22 2025/0 7/06 2025/07/26 2025/0 7/06 2025/08/02 2025/0 7/06 2025/08/04 2025/0 7/16 2025/10/15 2025/0	706/19         2025/06/19           706/20         2025/07/14           706/28         2025/07/22           707/06         2025/07/26           707/06         2025/08/02	2025/06/19 2 2025/06/20 2 2025/06/28 2	2025/06/19 2025/07/14	0 days (	1					3x rebar fixers
98 99 99 100 Pec 101 Pec 102 De 103 CH 105 106 107 108 109 110 111 112 113 114 115 115 116	Backfilling and Compaction Removal of Sheetpiles edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 H.A200.00~ CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 25 days 2025/0 21 days 2025/0 30 days 2025/0 30 days 2025/0 92 days 2025/0 25 days 2025/0 25 days 2025/0 42 days 2025/0	5/20 2025/07/14 2025/05/28 2025/07/22 2025/07/06 2025/07/26 2025/07/06 2025/08/02 2025/07/06 2025/08/04 2025/07/16 2025/10/15 2025/07/16	'06/20         2025/07/14           '06/28         2025/07/22           '07/06         2025/07/26           '07/06         2025/08/02	2025/06/20 2 2025/06/28 2	2025/07/14			- I		i l	1 1	3x carpenters
100 Pe 101 Pe 102 De 103 CH 104 105 106 107 108 109 110 111 111 112 113 114 115 116	edestrian Crossing no. 4 edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 HAZ00.00 - CH. A300.00  Sheetpiling Excavation and Lateral Support  Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	21 days 2025/0 28 days 2025/0 30 days 2025/0 92 days 2025/0 25 days 2025/0 25 days 2025/0 42 days 2025/0	7/06 2025/07/26 2025/07/06 2025/08/02 2025/08/04 2025/08/04 2025/08/04 2025/07/16 2025/10/15 2025/07/16 2025/10/15 2025/07/16 2025/10/15 2025/07/16 2025/0	707/06 2025/07/26 707/06 2025/08/02		2025/07/22	o days .	0			1	1	1x Excavator, 1x dump truck
101 Per 102 De 103 CH 104 105 106 106 107 108 109 110 111 112 113 114 115 116	edestrian & Vehicular Crossing no. 2 emolish & relocate retaining wall YLL795/A/4-5 H.A200.00 ~ CH.A300.00 Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	28 days 2025/0 30 days 2025/0 92 days 2025/0 25 days 2025/0 25 days 2025/0 42 days 2025/0	7/06 2025/08/02 2025/0 7/06 2025/08/04 2025/0 7/16 2025/10/15 2025/0	07/06 2025/08/02	2020,07,07	2025/07/27	0 days ( 366 days 3	0			1	1	1 x Sheetpiling machine, 1x lorry crane Temp orary crossing
103 CH 104 105 106 107 108 109 111 112 113 114 115 116	H.A.200.00 ~ CH.A.300.00  Sheetpiling Excavation and Lateral Support  Ground and Edge Beams  Install precast portion (ground beam)  Rebar Fixing	92 days 2025/0 25 days 2025/0 25 days 2025/0 42 days 2025/0	7/16 2025/10/15 2025/0	07/06 2025/08/04	2026/06/30 2		359 days 4	4	1		1	1	Temporary crossing
104 105 106 107 108 109 110 111 112 113 114 115 116	Sheetpiling Excavation and Lateral Support Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	25 days 2025/0 25 days 2025/0 42 days 2025/0					0 days ( <b>0 days</b>	0				1	
106	Ground and Edge Beams Install precast portion (ground beam) Rebar Fixing	42 days 2025/0		07/16 2025/08/09	2025/07/16 2	2025/08/09	0 days	1			1	1	1x Sheetpiling machine, 1x lorry crane
107 108 109 110 111 112 113 114 115 116	Install precast portion (ground beam) Rebar Fixing					2025/08/17 2025/09/11	0 days :	1			1	1	1x Excavator, 1x dump truck, 2x labour
109 110 111 112 113 114 115 116	9		3/01 2025/08/28 2025/0	08/01 2025/08/28	2025/08/01 2	2025/08/28	0 days (	0			1	1 1	1x lorry crane, 2x lab our
111 112 113 114 115 116	Formwork Erection and Cast-in items	25 days 2025/0 25 days 2025/0				2025/09/03 2025/09/11	0 days 1	1	1		1	 	3x rebar fixers  3x carpenters
112 113 114 115 116	Concreting	1 day 2025/0	3/26 2025/08/26 2025/0	08/26 2025/08/26	2025/08/26 2	2025/08/26	0 days (	0	1		1	 	gang, concrete mixe's pump truck
114 115 116	Walls Rebar Fixing	33 days 2025/0				2025/09/28 2025/09/20	<b>0 days</b> 0 days :	1	1		1	I I	3x rebarfixers
115 116	Formwork Erection and Cast-in items Concreting	25 days 2025/0				2025/09/28 2025/09/12	0 days (	1	1		1	I I	3x carpenters  N 1 gang concrete mixers pump truck
	Back filling and Compaction	1 day 2025/0				2025/09/12	-	0	1		1		Same 1x Excavator 1x dump truck
117	Removal of Sheetpiles edestrian & Vehicular Crossing no. 1	25 days 2025/0 28 days 2025/0				2025/10/15 2026/07/27	0 days ( 274 days 4	0	1				Temporary crossing
118 CLI	LP Cable Trough	21 days 2025/0			2026/07/07 2	2026/07/27	281 days 3	3					1
	nimal Escape Ramps H.B 149.77 ~ CH .A200.00	21 days 2025/0 45 days 2025/0		709/29 2025/10/19 709/29 2025/11/12	2026/07/07 2 2025/09/29 2		281 days ( 0 days	0	1			1	
121	Sheetpiling	20 days 2025/0	9/29 2025/10/18 2025/0	09/29 2025/10/18	2025/09/29 2	2025/10/18	0 days (	0					1x Sheetpil ng machine, 1x lorry crane
	Excavation and Lateral Support  Ground and Edge Beams	16 days 2025/1 25 days 2025/1					0 days ( 0 days	0					1x Excavator, 1x dump truck, 2x labour
124	Rebar Fixing	20 days 2025/1	0/08 2025/10/27 2025/1	10/08 2025/10/27			0 days (	0					3x reb ar fixers
125 126	Formwork Erection and Cast-in items Concreting	20 days 2025/1 1 day 2025/1					0 days ( 0 days (	0				1	3x carpenters  T g ang concrete mixers pump truck
127	Walls	25 days 2025/1	0/19 2025/11/12 2025/1	/10/19 2025/11/12	2025/10/19 2	2025/11/12	0 days	0				l I	3x rebar fixers
128 129	Rebar Fixing Formwork Erection and Cast-in items	20 days 2025/1 20 days 2025/1		10/24 2025/11/12	2025/10/24 2		0 days (	0				1	3x carpenters
130	Concreting  Backfilling and Compaction	1 day 2025/1	0/29 2025/10/29 2025/1	10/29 2025/10/29			0 days (	0				1	1 gang. concrete mixers pump truck 1x dump truck, 1x Excavator
132	Backfilling and Compaction Removal of Sheetpiles	10 days 2025/1 10 days 2025/1					0 days (					1	x dump (truck, 1x excavator
	H.B100.00~ CH.B149.77 Sheetpiling	45 days 2025/1: 20 days 2025/1:					0 days 0 days (	0				1	1x Sheetpiling machine, 1x lorry crane
135	Excavation and Lateral Support	16 days 2025/1	./10 2025/11/25 2025/1	11/10 2025/11/25	2025/11/10 2	2025/11/25	0 days (	0				1	1x Excavator, 1x dump truck, 2x labour
136 137	Ground and Edge Beams Rebar Fixing	25 days 2025/1: 20 days 2025/1:	L/14 2025/12/08 2025/1 ./14 2025/12/03 2025/1			2025/12/08 2025/12/03	0 days 0 days (	0				1	2x rebar fixers
138	Formwork Erection and Cast-in items	20 days 2025/1	./19 2025/12/08 2025/1	11/19 2025/12/08	2025/11/19 2	2025/12/08	0 days (	0				1	Şw carpenters
139	Concreting Walls	1 day 2025/1: 25 days 2025/1:					0 days ( <b>0 days</b>	0				1	g and, concrete mixers, pump truck
141	Rebar Fixing	20 days 2025/1	./25 2025/12/14 2025/1	11/25 2025/12/14	2025/11/25 2	2025/12/14	0 days (	0				1	2x rebar fixers
142	Formwork Erection and Cast-in items  Concreting	20 days 2025/1: 1 day 2025/1:					0 days (	0				1	2x carpenters  1 gang, concrete mixers pump truck
144	Back filling and Compaction	10 days 2025/1	2/06 2025/12/15 2025/1	12/06 2025/12/15	2025/12/06 2	2025/12/15	0 days (	0					👗 🗓 x dump truck, 1x Excavator
	Removal of Sheetpiles remolition of pedestrian crossing	10 days 2025/1: 30 days 2025/1:					,-	0				1	1x lorry crane, 1x Sheetpiling machine
147 CH	H.B0.00~CH.B100.00	92 days 2025/1	2/22 2026/03/23 2025/1	/12/22 2026/03/23	2025/12/22 2	2026/03/23	0 days	1				1 1	Ty Chaothilian machina tu lamutana
	Sheetpiling Excavation and Lateral Support	25 days 2025/1: 25 days 2025/1.				2026/01/15 2026/01/23	0 days 1 0 days 1	1				1	1x Sheetpiling machine, 1x lorry/crane 1x Excavator, 1x dump truck, 2½ labour
150	Ground and Edge Beams	42 days 2026/0	1/07 2026/02/17 2026/0	01/07 2026/02/17	2026/01/07 2	2026/02/17	0 days	0				1	
151 152	Install precast portion (ground beam) Rebar Fixing	28 days 2026/0: 25 days 2026/0:	./07 2026/02/03 2026/0 ./16 2026/02/09 2026/0				0 days 0	1				1	1x lorry crane, 2x lab our 2x rebar fixers
	´T ask		Milestone	•	Rolled Up Cri		,	Inactive Mileston	ie	Dura	ation-only	Start-only	External Milestone Project Summary
rision.: 1.4			Summary	₩	Rolled Up Mil	ilestone <	<b>♦</b>	Inactive Summar	у	Man	ual Summary Rollup ◆	Finish-only	▼ Split Group By Summary ▼
	Date: 25 September 2023 Critical Task		Rolled Up Task		Rolled Up Pro	ogress -		— Manual Task	<b>♦</b>	Man	ual Summary 🔷	External Tasks	♦ External Tasks Deadline ♣

Drain: {U/S}~{D/S},size+type,bedding,length(m),depth(m)
U-Channel: {U/S}~{D/S},size+type,length(m)

									CONT	RACT NO. DO	C/2022/02 - DRAINAGE	IMPROVEMEN	NT WORKS A	T YUEN LONG - S	STAGE 2							
	Task Name	Duration	Start	Finish	Early Start	Early Finish	Late Start	Late Finish		RA Half 1	M J J A	023, Half 2 S O N	I D J	2024, Half 1	м Ј Ј	2024, Half 2 J A S O	N D J	2025, Half 1 F M A	M J J	2025, Half 2 A S O N E	2026, Ha	L M J J A S O N D
153 154	Formwork Erection and Cast-in items Concreting	1 day 20	026/02/01	2026/02/01	2026/01/24 2026/02/01	2026/02/17 2026/02/01	2026/01/24 2026/02/01	2026/02/17 2026/02/01	o day s	0			i		i				i		2x carpen 1 gang, concr	ete mixers, pump truck
155 156	Walls Rebar Fixing				2026/02/02	2026/03/06 2026/02/26	2026/02/02 2026/02/02	2026/03/06 2026/02/26	0 days 0 days	1			1		1		1		1		2x rebar	fixers
157 158	Formwork Erection and Cast-in items Concreting	25 days 20	026/02/10	2026/03/06	2026/02/10 2026/02/18	2026/03/06 2026/02/18	2026/02/10 2026/02/18	2026/03/06 2026/02/18	0 days 0 days	1	!		!				 				2x carp	enters nixers, 1 gang, pump truck
159	Backfilling and Compaction	25 days 20	026/02/19	2026/03/15	2026/02/19	2026/03/15	2026/02/19	2026/03/15	0 days	0							1				1x Ex	cavator,1x dump truck
160 161	Removal of Sheetpiles Pedestrian Crossing no. 3				2026/02/27 2026/03/07	2026/03/23 2026/03/27	2026/02/27	2026/03/23	0 days 122 days	3			į		į		į		į		,	orry crane,1x Sheetpiling machine mporary crossing
162	Demolish & relocate AFCD Weir & pedestrian crossing	30 days 20	026/03/07	2026/04/05	2026/03/07	2026/04/05	2026/03/07	2026/04/05	0 days	0	i		i		i		i		į			
163 164	Demolish & relocate retaining wall YLL796/A/5-6 CH.A100.00~ CH.B149.77			2026/04/05 2026/04/30	2026/03/07 2026/03/17	2026/04/05 2026/04/30	2026/03/07 2026/03/17	2026/04/05 2026/04/30	0 days <b>0 days</b>	0	i I		1		i I		1		1			
165 166	Sheetpiling Excavation and Lateral Support				2026/03/17 2026/03/22	2026/04/05 2026/04/06	2026/03/17 2026/03/22	2026/04/05 2026/04/06	0 days 0 days	0	1		1		1		1 1		1			x Sheetpiling machine, 1x lony crane lx Excavator, 1x dump truck, 2x labour
167	Ground and Edge Beams	25 days 20	026/03/26	2026/04/19	2026/03/26	2026/04/19	2026/03/26	2026/04/19	0 days		l I		1		1		1		1		\ \	<b>▼</b>
168 169	Rebar Fixing Formwork Erection and Cast-in items				2026/03/26 2026/03/31	2026/04/14	2026/03/26 2026/03/31	2026/04/14 2026/04/19	0 days 0 days	0												2x rebar fixers 2x carpenters
170 171	Concreting Walls				2026/04/05 2026/04/06	2026/04/05 2026/04/30	2026/04/05 2026/04/06	2026/04/05 2026/04/30	0 days 0 days	0			į				į				<b>%</b>	. gang, concrete mixers, pump truck
172	Rebar Fixing	20 days 20	026/04/06	2026/04/25	2026/04/06	2026/04/25	2026/04/06	2026/04/25	0 days	0			į		į		į		į			2x rebar fixers
173 174	Formwork Erection and Cast-in items Concreting				2026/04/11 2026/04/16	2026/04/30 2026/04/16	2026/04/11 2026/04/16	2026/04/30 2026/04/16	0 days 0 days	0	I I		1		1		1		1			2x carpenters 1 gang.concrete mixers, pump truck
175 176	Back filling and Compaction Removal of Sheetpiles				2026/04/17 2026/04/20	2026/04/26 2026/04/29	2026/04/17 2026/04/20	2026/04/26 2026/04/29	0 days 0 days	0	1		1		I I				1			1x dump trück, 1x Excavator x1x lony crane, 1x Sheetpiling machine
177	Pedestrian Crossing no. 2	21 days 20	026/04/23	2026/05/13	2026/04/23	2026/05/13	2026/07/07	2026/07/27	75 days	3			1		1		I I		 		1	Temporary crossing
178 179	CH.A0.00~CH.A100.00 Sheetpiling	-			2026/04/23 2026/04/23	2026/07/23 2026/05/17	2026/04/23 2026/04/23	2026/07/23 2026/05/17	0 days 0 days	1					1		!		!			1x Sheetpiling machine 1x lorry crane
180 181	Excavation and Lateral Support	25 days 20	026/05/01	2026/05/25	2026/05/01	2026/05/25	2026/05/01 2026/05/09	2026/05/25 2026/06/19	0 days 0 days	1					1							1x Excavator, 1x dump truck, 2x labour
182	Ground and Edge Beams Install precast portion (ground beam)	28 days 20	026/05/09	2026/06/05	2026/05/09 2026/05/09	2026/06/19 2026/06/05	2026/05/09	2026/06/05	0 days	0			i		1		i		i		i I	1x lorry crane 2x labour
183 184	Rebar Fixing Formwork Erection and Cast-in items				2026/05/18 2026/05/26	2026/06/11 2026/06/19	2026/05/18 2026/05/26	2026/06/11 2026/06/19	0 days 0 days	1	i i		i I		i I		i		i		1	2x rebar fixers 2x carpenters
185 186	Concreting <b>W</b> alls	1 day 20	026/06/03	2026/06/03	2026/06/03 2026/06/04	2026/06/03 2026/07/06	2026/06/03 2026/06/04	2026/06/03 2026/07/06	0 days 0 days	0					1		I I		1		1	gang, concrete mixers, pump truck
187	Rebar Fixing	25 days 20	026/06/04	2026/06/28	2026/06/04	2026/06/28	2026/06/04	2026/06/28	0 days	1			!		 		!		!			2x rebar fixers
188 189	Formwork Erection and Cast-in items Concreting	-			2026/06/12 2026/06/20	2026/07/06 2026/06/20	2026/06/12 2026/06/20	2026/07/06 2026/06/20	0 days 0 days	0					1				1			2x carpenters concrete mixers,1 gang,pump truck
190 191	Backfilling and Compaction Removal of Sheetpiles	25 days 20	026/06/21		2026/06/21	2026/07/15	2026/06/21	2026/07/15	0 days 0 days	0			i		1 						i	1x Excavator, 1x dump truck 1x lorry crane, 1x Sheetpiling m
192	Pedestrian Crossing no. 1				2026/07/07	2026/07/27	2026/07/07	2026/07/27	0 days	0	i		i		i		i		į		i	Temporary crossing
193 194	U-channels Facing stone				2026/07/07	2026/07/27	2026/07/07	2026/07/27	0 days 0 days	0	I I		1		1		1 1		1		I I	Elevated Working Platform, bu
195 196	ABWF works Bedding works				2026/07/07 2026/07/07	2026/07/27 2026/07/27	2026/07/07 2026/07/07	2026/07/27 2026/07/27	0 days 0 days	0			!		1				!		I I	
54	beauting works		026/07/07																			
55 : 2	Section VI access date of Portion C3	-			2023/05/29 2023/05/29	2025/08/26 2023/05/29	2023/05/29 2023/05/29	2026/07/27 2023/05/29	0 days 0 days	0	05/29				1		İ		i			
3	section VI (Lin Fa Tei - Kam Sheung Road) Site Establishment	820 days 20	023/05/30	2025/08/26	2023/05/30 2023/09/24	2025/08/26 2024/01/13	2023/05/30 2023/10/01	2025/08/26 2024/01/13	-	0			_		· · ·		1		· · · · · · · · · · · · · · · · · · ·		1	: 
5	Initial Survey	30 days 20	023/10/26	2023/11/24	2023/10/26	2023/11/24	2023/10/26	2023/11/24	0 days	0			<b>₽</b>		1		I I		 		1	 
7 8	Public Liaison Initial Safety & Environmental measures				2023/09/24 2023/11/08	2023/11/07 2024/01/06	2023/10/01 2023/11/15	2023/11/14 2024/01/13	7 days 7 days	0		1			 		 		 			
10 11	Prepare and Accept Design and Method Statement Setup of instrumentation and monitoring	60 days 20	023/10/26	2023/12/24	2023/10/26	2023/12/24 2023/12/19	2023/11/15 2023/11/25	2024/01/13 2023/12/19	20 days 0 days	0					1				!			 
12	Tree Survey	25 days 20	023/11/25	2023/12/19	2023/11/25	2023/12/19	2023/11/25	2023/12/19	0 days	0			Arbori		į		į		į		i	
13 14	UU detection Site Clearance			2023/12/19 2024/01/13	2023/11/25 2023/12/20	2023/12/19 2024/01/13	2023/11/25 2023/12/20	2023/12/19 2024/01/13	0 days 0 days	0	i i			etent Person (UU) « labour, 1 grab truc	ck		i i		i		I I	i I
15 16	Temporary Traffic Arrangement Application of XP				2023/05/29 2023/05/29	2024/01/13 2023/12/14	2023/05/29 2023/05/29	2024/01/13 2023/12/14	0 days 0 days	0			1		1				1		I I	1
17	Submission of TTA and Arrange TMLG	200 days 20	023/05/29	2023/12/14	2023/05/29	2023/12/14	2023/05/29	2023/12/14	0 days	0					1				!		I I	
18 19	Approval of TTA  Drain Laying Works				2023/12/15 2024/01/14	2024/01/13 2025/08/26	2023/12/15 2024/01/14	2024/01/13 2026/07/27	0 days 0 days	0									-	<b></b>		
20 21	LFT.D5~NKT Channel,1650PCB,L=14.5,D=3.54 TTA Implementation	-			2024/01/14 2024/01/14	2024/02/23 2024/01/17	2024/01/14 2024/01/14	2024/02/23 2024/01/17	0 days 0 days	0			<del>   </del>		1 						i	 
22	Breaking Ground	8 days 20	024/01/16	2024/01/23	2024/01/16	2024/01/23	2024/01/16	2024/01/23	0 days	0	i			1x Excavator with b	oreaker		i		i		1	: 
23	Excavation and Lateral Support Drain Laying				2024/01/22 2024/01/30	2024/01/31 2024/02/06	2024/01/22 2024/01/30	2024/01/31 2024/02/06	0 days 0 days	0	1			1x Excavator 3x drainlayer, 2x	lab our		l I		i I		1	 
25 26	Bedding and Backfilling Manhole Construction	-		2024/02/10 2024/02/16	2024/02/05	2024/02/10 2024/02/16	2024/02/05 2024/02/09	2024/02/10 2024/02/16	0 days 0 days	0			1	1x Ex cavator 3x carpenter, 2:	2x lab our		I I		 		1	
27	Reinstatement	5 days 20	024/02/17	2024/02/21	2024/02/17	2024/02/21	2024/02/17	2024/02/21	0 days	0				1x Excavator,		į.			1			 
28 29	TTA Removal Proposed flap valve				2024/02/22 2024/02/24	2024/02/23 2024/03/15	2024/02/22 2026/07/07	2024/02/23 2026/07/27	0 days 864 days	0				5	 							 
30 31	LFT.D4~ LFT.D5,1650PC,B,L=50.95,D=3.417 Stage 1	-			2024/02/24 2024/02/24	2024/06/10 2024/04/17		2024/06/10 2024/04/17	0 days 0 days		i		i		<b></b>		i		į		i I	
32	TTA Implementation	4 days 20	024/02/24	2024/02/27	2024/02/24	2024/02/27	2024/02/24	2024/02/27	0 days	0	i i		i I	<b>*</b> - <b>*</b>	ا يا يون		i I		i		1	 
33 34	Breaking Ground Excavation and Lateral Support				2024/02/26 2024/03/05	2024/03/06 2024/03/16	2024/02/26 2024/03/05	2024/03/06 2024/03/16	0 days 0 days	2				1x Excav			I					 
35 36	Drain Laying Bedding and Backfilling	10 days 20	024/03/15	2024/03/24	2024/03/15 2024/03/23	2024/03/24 2024/03/30	2024/03/15 2024/03/23	2024/03/24 2024/03/30	0 days 0 days	2			!	3x draii	inlayer, 2x labοι cavator	ur	 		 			
37	Manhole Construction	10 days 20	024/03/29	2024/04/07	2024/03/29	2024/04/07	2024/03/29	2024/04/07	0 days	2				3x ca	arpenter, 2x lab							 
38 39	Reinstatement TTA Removal	-		2024/04/15	2024/04/08 2024/04/16	2024/04/15 2024/04/17	2024/04/08 2024/04/16	2024/04/15 2024/04/17	0 days 0 days	0			i	1x	Excavator, 1x d	uunp truck					i	 
40 41	Stage 2 TTA Implementation	54 days 20	024/04/18		2024/04/18 2024/04/18	2024/06/10 2024/04/21		2024/06/10 2024/04/21	0 days 0 days	0	i		i	<del>-</del>	<b></b>		i		i		i	: 
42	Breaking Ground	10 days 20	024/04/20	2024/04/29	2024/04/20	2024/04/29	2024/04/20	2024/04/29	0 days	2	1		1		1x Excavator w		i I		i		1	 
43 44	Ex cavation and Lateral Support Drain Laying				2024/04/28 2024/05/08	2024/05/09 2024/05/17	2024/04/28 2024/05/08	2024/05/09 2024/05/17	0 days 0 days	2					1x Excavator 3x drainlay		I		1		1	 
45	Bedding and Backfilling	8 days 20	024/05/16	2024/05/23	2024/05/16	2024/05/23	2024/05/16	2024/05/23	0 days	0			1		1x Excava		I I		1		!	 
46 47	Manhole Construction Reinstatement	8 days 20	024/06/01	2024/06/08	2024/05/22 2024/06/01	2024/05/31 2024/06/08	2024/05/22 2024/06/01	2024/05/31 2024/06/08	o day o	0						enter, 2x rabour avator, 1x dump truck			1			
48	TTA Removal	2 days 20			2024/06/09	2024/06/10			0 days	0	- Mil		Du C	-1.	₹ ¦	Charle		-			Dani ant C	
Revision.: 1.4	Task  Date: 25 September 2023   Critical Task			Milestone Summary	•		Rolled Up  Rolled Up	Critical Task Milestone		Inactive Inactive			Duration-o Manual Su	mly mmary Rollup ◆		Start-only Finish-only	_	Exte	rnal Milestone t		Project Summary Group By Summary	<b>▼</b>
	Progress			Rolled Up Tas	k 📕	`	Rolled Up		-	- Manua	•		Manual Su			External Tasks	<b>♦</b>	∓ Spin Exte	rnal Tasks			<b>⊕</b>
	1 5																					

										1ACT NO. DG/20	22/02 - DRAINAGE IMPROVEMENT WORI		
ID	Task Name	Duration	Start	Finish	Early Start	Early Finish	Late Start	Late Finish	Total Slack T	RA Half 1 A M	2023, Half 2	2024, Half 1 J F M A M	2024, Half 2 2025, Half 1 2025, Half 2 2026,
49	LFT.D3a~LFT.D4,1650PC,B,L=22.88,D=3.418	-			2024/06/11			2024/07/30	0 days		, , , , , , , , , , , , , , , , , , ,		
50 51	TTA Implementation  Breaking Ground	-		2024/06/14	2024/06/11 2024/06/13	2024/06/14 2024/06/20	2024/06/11 2024/06/13	2024/06/14 2024/06/20	0 days 0 days	0			1
52	Excavation and Lateral Support	-		2024/06/28	2024/06/19	2024/06/28	2024/06/19	2024/06/28	0 days	2			1x Excavator
53	Drain Laying	10 days	2024/06/27	2024/07/06	2024/06/27	2024/07/06	2024/06/27	2024/07/06	0 days	2			3x drainlayer, 2x labour
54 55	Bedding and Backfilling			2024/07/12 2024/07/20	2024/07/05	2024/07/12	2024/07/05	2024/07/12	0 days	0			X 1x Excavator
56	Manhole Construction  Reinstatement	-		2024/07/20	2024/07/11 2024/07/21	2024/07/20 2024/07/28	2024/07/11 2024/07/21	2024/07/20 2024/07/28	0 days 0 days	0			1x Excavator, 1x dump truck
57	TTA Removal			2024/07/30	2024/07/29	2024/07/30	2024/07/29	2024/07/30	0 days	0			
58	LFT.D3~LFT.D3a,1650PC,B,L=13.9,D=3.418				2024/07/31			2024/09/10	0 days				_   <del>1                                  </del>
59 60	TTA Implementation  Breaking Ground		2024/07/31 2024/08/02	2024/08/03	2024/07/31 2024/08/02	2024/08/03 2024/08/09	2024/07/31 2024/08/02	2024/08/03	0 days 0 days	0			1x Excavator with breaker
61	Excavation and Lateral Support		2024/08/02	2024/08/03	2024/08/08	2024/08/03	2024/08/02	2024/08/17	0 days	1			Lx Excavator
62	Drain Laying	8 days	2024/08/16	2024/08/23	2024/08/16		2024/08/16	2024/08/23	0 days	0			🛣 3x drainlayer, 2x labour
63	Bedding and Backfilling		2024/08/22	2024/08/27	2024/08/22	2024/08/27	2024/08/22	2024/08/27	0 days	0			X Excavator
64 65	Manhole Construction  Reinstatement	-		2024/09/02 2024/09/08	2024/08/26 2024/09/03	2024/09/02 2024/09/08	2024/08/26 2024/09/03	2024/09/02 2024/09/08	0 days 0 days	0			Lik Eccavator, Ix dump truck
66	TTA Removal			2024/09/10	2024/09/09		2024/09/09	2024/09/10	0 days	0			
67	LFT.D2~ LFT.D3,1650PC,B,L=39,D=3.34				2024/09/11			2024/12/18	0 days				
68 69	Stage 1 TTA Implementation	-		2024/11/03 2024/09/14	2024/09/11 2024/09/11	2024/11/03 2024/09/14	2024/09/11 2024/09/11	2024/11/03 2024/09/14	0 days 0 days	0			
70	Breaking Ground			2024/09/22	2024/09/13	2024/09/22	2024/09/13	2024/09/22	0 days	2			1x Excavator with breaker
71	Excavation and Lateral Support	12 days	2024/09/21	2024/10/02	2024/09/21	2024/10/02	2024/09/21	2024/10/02	0 days	2			1x Excavator
72 73	Drain Laying Bedding and Backfilling	-		2024/10/10 2024/10/16	2024/10/01 2024/10/09	2024/10/10 2024/10/16	2024/10/01 2024/10/09	2024/10/10 2024/10/16	0 days 0 days	2			of the state of t
74	Manhole Construction	-		2024/10/16	2024/10/09	2024/10/16	2024/10/09	2024/10/16	0 days	2			3x carpenter, 2x labour
75	Reinstatement	8 days	2024/10/25	2024/11/01	2024/10/25	2024/11/01	2024/10/25	2024/11/01	0 days	0			1x Excavator, 1x dump truck
76	TTA Removal	-	2024/11/02	2024/11/03	2024/11/02	2024/11/03	2024/11/02	2024/11/03	0 days	0			
77 78	Stage 2 TTA Implementation	-		2024/12/18 2024/11/07	2024/11/04	2024/12/18 2024/11/07	2024/11/04 2024/11/04	2024/12/18 2024/11/07	0 days 0 days	0			
79	Breaking Ground		2024/11/06	2024/11/13	2024/11/06		2024/11/04	2024/11/07	0 days	0			1x Excayator with breaker
80	Ex cavation and Lateral Support	-		2024/11/21		2024/11/21	2024/11/12	2024/11/21	0 days	1			1x Excavator
81 82	Drain Laying  Bedding and Backfilling	-		2024/11/27 2024/12/02	2024/11/20 2024/11/26	2024/11/27 2024/12/02	2024/11/20 2024/11/26	2024/11/27 2024/12/02	0 days 0 days	0			😿 3x drainlayer, 2x labour 😿 1x Excavator
83	Manhole Construction	-		2024/12/02	2024/11/26		2024/11/26	2024/12/02	0 days	1			3x carpenter, 2x labour
84	Reinstatement	7 days	2024/12/10	2024/12/16	2024/12/10	2024/12/16	2024/12/10	2024/12/16	0 days	0			1x Excavator, 1x dump truck
85 86	TTA Removal LFT.D1b~LFT.D21650PC,B,L=45.56,D=3.34	-		2024/12/18	2024/12/17 2024/12/19		2024/12/17 2024/12/19	2024/12/18 2025/04/05	0 days 0 days	0			
87	Stage 1							2025/04/05	0 days				
88	TTA Implementation	-		2024/12/22	2024/12/19	2024/12/22	2024/12/19	2024/12/22	0 days	0			
89	Breaking Ground			2024/12/30	2024/12/21	2024/12/30	2024/12/21	2024/12/30	0 days	2			1x Excavator with breaker
90 91	Ex cavation and Lateral Support  Drain Laying	-		2025/01/09 2025/01/17	2024/12/29 2025/01/08	2025/01/09 2025/01/17	2024/12/29 2025/01/08	2025/01/09 2025/01/17	0 days 0 days	2			3x drainlayer, 2x labour
92	Bedding and Backfilling	8 days	2025/01/16	2025/01/23	2025/01/16	2025/01/23	2025/01/16	2025/01/23	0 days	0			1x Excavator
93	Manhole Construction			2025/01/31	2025/01/22	2025/01/31	2025/01/22	2025/01/31	0 days	2			3x carpenter, 2x lab our
94 95	Reinstatement TTA Removal	-		2025/02/08 2025/02/10	2025/02/01 2025/02/09	2025/02/08 2025/02/10	2025/02/01 2025/02/09	2025/02/08 2025/02/10	o day s	0			1x Excavator, 1x dump truck
96	Stage 2	-		2025/04/05	2025/02/11			2025/04/05	0 days				and the control of th
97 98	TTA Implementation Breaking Ground	-		2025/02/14	2025/02/11 2025/02/13	2025/02/14 2025/02/22	2025/02/11 2025/02/13	2025/02/14	0 days 0 days	0			1x Excavator with breaker
99	Excavation and Lateral Support			2025/02/22	2025/02/21	2025/03/04	2025/02/13	2025/02/22	0 days	2			,1x Excavator
100	Drain Laying			2025/03/12	2025/03/03	2025/03/12	2025/03/03	2025/03/12	0 days	2			₹3x drainlayer,2x labour
101 102	Bedding and Backfilling  Manhole Construction			2025/03/18 2025/03/26	2025/03/11 2025/03/17	2025/03/18 2025/03/26	2025/03/11 2025/03/17	2025/03/18 2025/03/26	0 days 0 days	0			3x Excavator
103	Reinstatement			2025/04/03	2025/03/27	2025/04/03		2025/04/03	0 days	0			1x Excavator, 1x dump truck
104 105	TTA Removal		2025/04/04	2025/04/05	2025/04/04	2025/04/05	2025/04/04	2025/04/05	0 days	0			i i <u>5                                  </u>
106	LFT.D1a~LFT.D1b,1650PC,B,L=25.59,D=3.411  TTA Implementation	-	2025/04/06 2025/04/06	2025/05/28 2025/04/09	2025/04/06	2025/05/28	2025/04/06 2025/04/06	2025/05/28 2025/04/09	0 days 0 days	0			
107	Breaking Ground	-		2025/04/17	2025/04/08	2025/04/17	2025/04/08	2025/04/17	0 days	0			1x Excavator with breaker
108	Excavation and Lateral Support	-		2025/04/27	2025/04/16		2025/04/16	2025/04/27	0 days	2			1x Excavator
109 110	Drain Laying  Bedding and Backfilling			2025/05/04	2025/04/26 2025/05/03	2025/05/04 2025/05/10	2025/04/26 2025/05/03	2025/05/04 2025/05/10	0 days 0 days	1			3x drainlayer, 2x labour  ✓ 1x Excavat or
111	Manhole Construction				2025/05/09	2025/05/18	2025/05/09	2025/05/18	0 days	2			👗 3x carpenter, 2x labour
L12	Reinstatement	-		2025/05/26	2025/05/19			2025/05/26	0 days	1			1x Excavator, 1x dump truck
113 114	TTA Removal  LFT.D1~LFT.D1a,1650PC,B,L=5.65,D=3.411			2025/05/28 2025/06/29	2025/05/27 2025/05/29	2025/05/28 2025/06/29	2025/05/27 2025/05/29	2025/05/28 2025/06/29	0 days 0 days	0			
L15	TTA Implementation	-		2025/06/01	2025/05/29	2025/06/01	2025/05/29	2025/06/01	0 days	0			
16	Breaking Ground			2025/06/06	2025/05/31	2025/06/06	2025/05/31	2025/06/06	0 days	0			1x Excavator with breaker
l17 l18	Excavation and Lateral Support  Drain Laying	-		2025/06/11	2025/06/05	2025/06/11 2025/06/16	2025/06/05 2025/06/10	2025/06/11	0 days 0 days	1			
119	Bedding and Backfilling	-		2025/06/18	2025/06/15	2025/06/18	2025/06/15	2025/06/18	0 days	0			1x Excavator
120	Manhole Construction			2025/06/23	2025/06/17	2025/06/23	2025/06/17	2025/06/23	0 days	0			3x carpenter, 2x labour
121 122	Reinstatement TTA Removal	-		2025/06/27 2025/06/29	2025/06/24 2025/06/28	2025/06/27 2025/06/29		2025/06/27 2025/06/29	0 days 0 days	0			1x Excavator,1x dump truck
123	CCTV inspection and T&C			2025/07/27	2025/06/30			2025/00/23	0 days	4			
124	Final Reinstatement				2025/07/28				0 days	4			
56 57	Section IV	1095 days 2	20 23 /0E /2 0	2026/0E/20	3U33 \UE \3 0	2026/05/28	2023/05/30	2026/07/27	0 days				
2	access date of Portion D	-		2026/05/28	2023/05/30		2023/05/30	2026/07/27	0 days 0 days	0			
3	section IV (Ha Che)	1095 days :	2023/05/30	2026/05/28	2023/05/30	2026/05/28	2023/05/30	2026/05/28	0 days	0			
4	Site Establishment	-		2024/04/01	2023/09/24	2024/04/01 2024/01/14	2023/10/03 2023/12/25	2024/04/01 2024/01/14	0 days	0	<b>1</b>	▼	
7	Initial Survey Public Liaison and TTA	-		2024/01/14 2023/12/12	2023/12/25 2023/09/24	2024/01/14	2023/12/25	2024/01/14	0 days 9 days	0	<b>*</b>	1	
8	Initial Safety & Environmental measures	60 days	2023/12/13	2024/02/10	2023/12/13	2024/02/10	2023/12/22	2024/02/19	9 days	0			
10	Prepare and Accept Design and Method Statement	-		2024/01/23				2024/02/04	12 days	0		Environmental Team	
12	Environmental Baseline Monitoring  Setup of instrumentation and monitoring	-		2024/02/04	2024/01/15 2024/01/15	2024/02/04	2024/01/15 2024/01/15	2024/02/04	0 days 0 days	0		Zinvironmental rediff	
14	Condition Survey	21 days	2024/01/15	2024/02/04	2024/01/15	2024/02/04	2024/01/15	2024/02/04	0 days	0		Building Surveyor / Stru	
15 16	Freshwater Crab Translocation Plan Tree Survey				2024/01/15	2024/02/04 2024/02/04		2024/02/04	o day s	0		Environmental Team - E Arb orist	ccongist
17	UU detection					2024/02/04			-	0		Competent Person (I	UU)
	Task			Milestone	•	•		Critical Task	-	Inactive Mi	lestone Duratio	n-only	Start-only External Milestone Project Summary
sion.: 1.4				Summary	•		Rolled Up I		<b>♦</b>	Inactive Su		•	Finish-only Split Group By Summary
	Progress			Rolled Up Tas	k 📕		Rolled Up F			— Manual Ta	· ·	Summary	External Tasks ♦ External Tasks Deadline &

									CONT	RACT NO. DC/2	022/02 - DRAINAGE IMPRO	OVEMENT WOR	KS AT YUEN LONG - STAGE 2	
ID	Task Name	Duration	Start	Finish	Early Start	Early Finish	Late Start	Late Finish	Total Slack	TRA Half 1	2023, H		2024, Half 1	2024, Half 2 2025, Half 1 2025, Half 2 2026,
18	Site Clearance	15 days	2024/02/05				2024/02/05		0 days	0 A N	I J J A S	U N D	2x labour, 1 grab truck	
19 20	Establish access(es) to channels Guarding / Barrier / Hoarding	21 days 21 days	2024/02/20 2024/03/12				2024/02/20 2024/03/12		0 days 0 days	0		i li		good or leasing of private land may be required 3x labour, 1x welder
21	Drainage Channel Works (East)	787 days	2024/03/12						0 days	0		i	1x lony crane	35 Iabut, 12 Weiter
22	Demolish & relocate hoarding, wall YLL797/40	30 days	2024/04/02	2024/05/01			2024/04/02		0 days	0				
23	Demolish & relocate storage YLL797/42	30 days	2024/04/02	2024/05/01					0 days	0		1		<u></u>
25	CH.A600.00~ CH.A653.949 (Transition & Half-box culve Sheetpiling	75 days 25 days	2024/04/16						0 days 0 days	1		i i	1x She	etpiling machine 1x lorry crane
26	Excavation and Lateral Support	25 days	2024/04/24	2024/05/18					0 days	1	i	i		cavator,1x dump truck,2x labour
27	Base Slab	33 days	2024/05/02						0 days	1			3x r	l l
28 29	Rebar Fixing Formwork Erection and Cast-in items	25 days 25 days	2024/05/02 2024/05/10	2024/05/26					0 days 0 days	1		1	,	eda ilaks Carpenters
30	Concreting	1 day	2024/05/18	2024/05/18					0 days	0		i i	1 gan	ng/concrete mixers pump truck
31	Walls and Roof Slab	33 days	2024/05/19		0 2024/05/19				0 days	1	i		<del>-</del>	3
32	Rebar Fixing Formwork Erection and Cast-in items	25 days 25 days	2024/05/19	2024/06/12			2024/05/19		0 days 0 days	1				3x carpenters
34	Concreting	1 day	2024/06/04	2024/06/04			2024/06/04		0 days	0		1	<u> </u>	orrete mixers 1 gang, pump truck
35	Backfilling and Compaction	20 days	2024/06/05	2024/06/24					0 days	0	į į	l li		X Excavator, Ix dump truck
36 37	Removal of Sheetpiles  Demolish & relocate porch, hoarding YLL 797/44	20 days 30 days	2024/06/10		2024/06/10 2024/06/15		2024/06/10		0 days 0 days	0		i	9	1x lorry crane 1x Sheetpiling machine
38	Demolish & relocate porch YLL797/38,39	30 days	2024/06/15				2024/06/15		0 days	0	<u> </u>	i i	Si di Si di Si di Si di Si di Si di Si di Si di Si di Si di Si di Si di Si di Si di Si di Si di Si di Si di Si	
39	CH.A500.00~ CH.A600.00	120 days	2024/06/29						0 days	2				1v Chartailing machine 1v Idra crape
40	Sheetpiling Excavation and Lateral Support	36 days 36 days	2024/06/29 2024/07/11	2024/08/03					0 days 0 days	2		i		1x Sheetpiling machine, 1x lorry crane 1x Excavator, 1x dump truck, 2x labour
42	Ground and Edge Beams	54 days	2024/07/23						0 days					
43	Install precast portion (ground beam)	40 days	2024/07/23	2024/08/31			2024/07/23		0 days	0		1		1x lorry crane, 2x lab our
44	Rebar Fixing Formwork Erection and Cast-in items	30 days 30 days	2024/08/06	2024/09/04			2024/08/06		0 days 0 days	2				3x reb ar fixers
46	Concreting	1 day	2024/08/26	2024/08/26					0 days	0				1 gang.concrete mixers.pump truck
47	Walls	40 days	2024/08/27						0 days	2				2 y rob or fivers
48	Rebar Fixing Formwork Erection and Cast-in items	30 days 30 days	2024/08/27	2024/09/25			2024/08/27		0 days 0 days	2				3x rebar fixers
50	Concreting	1 day	2024/09/16						0 days	0				Concrete mixers, 1 gang, pump truck
51	Backfilling and Compaction	30 days	2024/09/17	2024/10/16					0 days	0				1x Excavator, 1x dump truck
52	Removal of Sheetpiles Pedestrian & Vehicular Crossing no. 3 (Box Culvert no. 4)	30 days 1 day	2024/09/27	2024/10/20			2024/09/27		0 days 658 days	0				1x lorry crane,1x Sheetpiling machine  Temporary crossing
54	Demolish & relocate porch YLL797/34,37	30 days	2024/10/07	2024/11/05					0 days	0				
55	Demolish & relocate car body YLL 797/36	30 days	2024/10/07	2024/11/05					0 days	0		i i		<b>→</b>
56 57	Demolish & relocate godown YLL797/35 CH.A400.00~ CH.A500.00	30 days 120 days	2024/10/07 2024/10/21						0 days 0 days	0				
58	Sheetpiling	36 days	2024/10/21						0 days	2	i	i		1x Sheetpiling machine 1x lorry crane
59 60	Excavation and Lateral Support	36 days 54 days	2024/11/02 2024/11/14		7 2024/11/02 6 <b>2024/11/14</b>				0 days 0 days	2				1x Excavator,1x dump truck,2x labour
61	Ground and Edge Beams Install precast portion (ground beam)	40 days	2024/11/14				2024/11/14		0 days	0				Ix lorry crane 2x labour
62	Rebar Fixing	30 days	2024/11/28						0 days	2				3x rebar fixers
63 64	Formwork Erection and Cast-in items Concreting	30 days 1 day	2024/12/08		5 2024/12/08 3 2024/12/18				0 days 0 days	2		i i		3x carpenters  1 gang concrete mixers pump truck
65	Walls	40 days	2024/12/19			2025/01/27			0 days	•	i			
66	Rebar Fixing	30 days	2024/12/19						0 days	2				3x rebar fixers
67 68	Formwork Erection and Cast-in items  Concreting	30 days 1 day	2024/12/29 2025/01/08						0 days 0 days	0		1		3x carpenters  Concrete mixers, 1 gang, pump truck
69	Backfilling and Compaction	30 days	2025/01/09	2025/02/03			2025/01/09		0 days	0				Le Excavator, Le dump truck
70	Removal of Sheetpiles	30 days	2025/01/19						0 days	0	i	i		∫1x lorny crane, 1x Sheetpi∮ng machine
72	Demolish & relocate metal frame YLL 797/28,30,33  Demolish & relocate storage YLL 797/29	30 days 30 days	2025/01/29	2025/02/27			2025/01/29		0 days 0 days	0	i	i		
73	Demolish & relocate retaining wall YLL797/32	30 days	2025/01/29			2025/02/27	2025/01/29	2025/02/27	0 days	0				
74 75	CH.A300.00~ CH.A400.00	120 days	2025/02/12				2025/02/12		0 days	2		1		1x Sheetpiling machine 1x lorry crane
75 76	Sheetpiling Excavation and Lateral Support	36 days 36 days	2025/02/12 2025/02/24	2025/03/19			2025/02/12		0 days 0 days	2		i i		LE SEASON, IX EXPLORED TURK, EX labour
77	Ground and Edge Beams	54 days	2025/03/08		0 2025/03/08	2025/04/30		2025/04/30	0 days		i	l		
78 79	Install precast portion (ground beam)  Rebar Fixing	40 days 30 days	2025/03/08						0 days 0 days	0				3x rebar fixers
80	Formwork Erection and Cast-in items	30 days	2025/04/01						0 days	2		1		3x carpenters
81	Concreting	1 day	2025/04/11	2025/04/13	L 2025/04/11	2025/04/11	2025/04/11	2025/04/11	0 days	0				₹ 1 gang.concrete mixers, pump truck
82 83	Walls Rebar Fixing	40 days 30 days	2025/04/12						0 days 0 days	2		i		3x rebar fixers
84	Formwork Erection and Cast-in items	30 days	2025/04/12				2025/04/22		0 days	2				3x carpenters
85 86	Concreting  Backfilling and Compaction	1 day	2025/05/02	2025/05/02					0 days	0				concrete mixers 1 gang pump truck  Lx Excavator, 1x dump truck
86 87	Back filling and Compaction Removal of Sheetpiles	30 days 30 days	2025/05/03				2025/05/03		0 days 0 days	0		1		1x excavator, 1x dump truck
88	2x300 pipe with flap valve	28 days	2025/05/23	2025/06/19	2025/05/23	2025/06/19	2026/06/30	2026/07/27	403 days	4				
89	Temp support to 3x ex. cable bridge	28 days	2025/05/23						403 days	4		i		
90 91	Demolish & relocate drainage channel YLL 797/12 CH.A200.00~ CH.A300.00	30 days 120 days	2025/05/23	2025/06/21					0 days 0 days	<u> </u>		i i		
92	Sheetpiling	36 days	2025/06/06	2025/07/11	2025/06/06	2025/07/11	2025/06/06	2025/07/11	0 days	2				1x Sheetpiling machine 1x lorry crane
93 94	Excavation and Lateral Support  Ground and Edge Beams	36 days 54 days	2025/06/18		2025/06/18 2 2025/06/30		2025/06/18 2025/06/30		0 days 0 days	2		i i		1x Excavator, 1x dump truck, 2x labour
95	Install precast portion (ground beam)	40 days	2025/06/30						0 days	0				1x lorry crane, 2x labour
96	Rebar Fixing	30 days	2025/07/14	2025/08/12					0 days	2				3x rebar fixers
97 98	Formwork Erection and Cast-in items Concreting	30 days 1 day	2025/07/24 2025/08/03	2025/08/22			2025/07/24 2025/08/03		0 days 0 days	0				3x carpenters  The state of the
99	Walls	40 days	2025/08/04	2025/09/1	2 2025/08/04	2025/09/12	2025/08/04	2025/09/12	0 days			1		
100 101	Rebar Fixing	30 days	2025/08/04	2025/09/02					0 days	2				3x carpenters
L01 L02	Formwork Erection and Cast-in items Concreting	30 days 1 day	2025/08/14	2025/09/12	2 2025/08/14 2025/08/24		2025/08/14		0 days 0 days	0				St. carpenters  Sconcrete mixers 1 gang, pump truck
103	Backfilling and Compaction	30 days	2025/08/25	2025/09/23	3 2025/08/25	2025/09/23	2025/08/25	2025/09/23	0 days	0		i		lx Excavator, 1x dymp truck
104	Removal of Sheetpiles	30 days	2025/09/04	2025/10/03					0 days	0				1x lorry crane, 1x Sheetpiling machine
105 106	2x300 pipe with flap valve Survey, assess, repair, strengthen ex. Channel	28 days 28 days	2025/09/14	2025/10/11			2026/06/30		289 days 289 days	4		1		
107	Demolish & relocate toilet YLL 797/5	30 days	2025/09/14	2025/10/13	3 2025/09/14	2025/10/13	2025/09/14	2025/10/13	0 days	0				
108	Demolish & relocate container YLL797/6	30 days			3 2025/09/14	2025/10/13		2025/10/13	0 days	0				
ision.: 1.4	Task  Date: 25 September 2023 Critical Task			Milestone	•	<b>•</b>		Critical Task	^	Inactive M			•	Start-only External Milestone Project Summary
J.O.I 1.4	· Critical rask			Summary			Rolled Up		<b>♦</b>	Inactive S	*		al Summary Rollup ◆	Finish-only Split Group By Summary Statement Technology
	Progress			Rolled Up T	asK		Rolled Up	rrogress		Manual Ta	ask 💠	Manu	al Summary •	External Tasks ♦ External Tasks Deadline +
	~{D/S},size+type,bedding,length(m),depth(m)										Page			

									CO	NTRACT N		NG TAT CIVIL ENC DRAINAGE IMPRO			IG - STAGE 2					
	Task Name	Duration	Start	Finish	Early Start	Early Finish	Late Start	Late Finish			lalf 1 A M J	2023, H J A S		2024, Ha		2024, Half 2 J A S O N	<u> </u>	2025, Half 1 M A M		2025, Half 2 2026, Half 1 2026, Half 2 A S O N D J F M A M J J A S O N D
109 110	Demolish & relocate porch YLL 797/7  Demolish & relocate fencing, retaining wall YLL 797/10,1:	30 days 30 days	2025/09/14 2025/09/14				2025/09/14 2025/09/14		0 days 0 days											
111 112	CH.A100.00~ CH.A200.00 Sheetpiling	120 days 36 days	2025/09/28	2026/01/25 2025/11/02					0 days 0 days		i		i				į		i	1x Sheetpiling machine, 1x lorry crane
113	Excavation and Lateral Support	36 days	2025/10/10	2025/11/14	2025/10/10	2025/11/14	2025/10/10	2025/11/14	0 days	2	I		1				1		I I	1x Excavator, 1x dump truck, 2x labour
114 115	Ground and Edge Beams Install precast portion (ground beam)	54 days 40 days	2025/10/22 2025/10/22	2025/12/14 2025/11/30		2025/12/14 2025/11/30			0 days 0 days										!	1x lorry crane, 2x labour
116 117	Rebar Fixing Formwork Erection and Cast-in items	30 days 30 days	2025/11/05 2025/11/15				2025/11/05 2025/11/15		0 days 0 days	2			i							3x rebar fixers
118	Concreting	1 day	2025/11/25	2025/11/25	2025/11/25	2025/11/25	2025/11/25	2025/11/25	0 days		i		i				į		i	1 gang, concrete mixers, pump truck
119 120	Walls Rebar Fixing	40 days 30 days	2025/11/26 2025/11/26	2025/12/25	2025/11/26	2025/12/25	2025/11/26	2025/12/25	0 days 0 days	2			1						1	3x rebar fixers
121 122	Formwork Erection and Cast-in items Concreting	30 days 1 day	2025/12/06				2025/12/06 2025/12/16		0 days 0 days				1						ļ	3x carpenters  concrete mixers 1 gang pump truck
123 124	Backfilling and Compaction	30 days	2025/12/17	2026/01/15			2025/12/17	2026/01/15	0 days											1x Excavator, 1x dump truck 1x lorry crane, 1x Sheetpiling machine
125	Removal of Sheetpiles Pedestrian & Vehicular Crossing no. 2 (Box Culvert no. 2)	-		2026/02/02	2026/01/06	2026/02/02	2025/12/27 2026/06/30	2026/07/27	0 days 175 days	4			i li						i	Temp orary crossing
126 127	Pedestrian & Vehicular Crossing no. 1 (Box Culvert no. 3)  Demolish & relocate wall, gate YLL797/2	28 days 30 days	2026/01/06 2026/01/06	2026/02/02			2026/06/30 2026/01/06		175 days 0 days		i I		1				į		İ	Temporary crossing
128 129	CH.A11.13~ CH.A100.00 Sheetpiling	99 days 28 days	2026/01/20	2026/04/28					0 days 0 days				1						1	1x Sheetpiling machine, 1x lorry crane
130	Excavation and Lateral Support	28 days	2026/01/29	2026/02/25	2026/01/29	2026/02/25	2026/01/29	2026/02/25	0 days	1										1x Excavator, 1x dump truck, 2x labour
131 132	Ground and Edge Beams Install precast portion (ground beam)	43 days 30 days	2026/02/07 2026/02/07						<b>0 days</b> 0 days				i						i	1x lorry crane, 2x labour
133 134	Rebar Fixing Formwork Erection and Cast-in items	25 days 25 days	2026/02/17 2026/02/25	2026/03/13			2026/02/17 2026/02/25		0 days 0 days				i				i		İ	3x rebar fixers 3x carpenters
135 136	Concreting Walls	1 day 33 days	2026/03/05	2026/03/05	2026/03/05	2026/03/05	2026/03/05	2026/03/05	0 days				1				!		!	1 gang, concrete mixers, pump truck
137	Rebar Fixing	25 days	2026/03/06	2026/03/30	2026/03/06	2026/03/30	2026/03/06	2026/03/30	0 days	1										3x rebar fixers
138 139	Formwork Erection and Cast-in items Concreting	25 days 1 day	2026/03/14 2026/03/22	2026/04/07			2026/03/14 2026/03/22		0 days 0 days				i				į		į	3x carpenters  Concrete mixers 1 gang, pump truck
140 141	Backfilling and Compaction Removal of Sheetpiles	28 days 28 days	2026/03/23 2026/04/01	2026/04/19			2026/03/23 2026/04/01		0 days 0 days	0			1						1	1x Excavator,1x dump truck  1x lorry crahe,1x Sheetpiling machine
142	Pedestrian & Vehicular Crossing no. 1 (Box Culvert)	28 days	2026/04/10	2026/05/07	2026/04/10	2026/05/07	2026/04/10	2026/05/07	0 days				1						1	Temporary crossing
143	Animal Escape Ramp Facing stone	28 days 10.5 days	2026/04/10 2026/05/08	2026/05/18	2026/05/08	2026/05/18	2026/04/10 2026/05/18	2026/05/28	0 days 10.5 days	0										Elevated Working Platform, Builder
145 146	ABWF works Bedding works	21 days 21 days	2026/05/08 2026/05/08						0 days 0 days				i				į		į	
147 149	Drainage Channel Works (West) Survey, assess, repair, strengthen ex. Channel	285 days 21 days	2025/08/17 2025/08/17	2026/05/28	2025/08/17 2025/08/17		2025/08/17 2025/08/17		0 days 0 days		1		1						-	<b>▼</b>
150	Demolish ex. Geotechnical feature 6NE-B/R19	30 days	2025/09/07	2025/10/06	2025/09/07	2025/10/06	2025/09/07	2025/10/06	0 days	0									[	
151 152	Demolish ex. Geotechnical feature 6NE-B/R19 Demolish & relocate boundary wall, platform, gate YLL79	30 days 30 days	2025/09/07 2025/09/07	2025/10/06					0 days 0 days				i						i	
153 154	CH.A800.00~ CH.A905.63  Sheetpiling	158 days 45 days	2025/09/21 2025/09/21				2025/09/21 2025/09/21		0 days 0 days		I		1				1		1	1x Sheetpiling machine,1x lorry crane
155 156	Excavation and Lateral Support  Ground and Edge Beams	45 days 66 days	2025/10/06 2025/10/21						0 days 0 days											1x Excavator, 1x dump truck, 2x labour
157	Install precast portion (ground beam)	50 days	2025/10/21	2025/12/09	2025/10/21	2025/12/09	2025/10/21	2025/12/09	0 days	0			į							1x lorry crane, 2x labour
158 159	Rebar Fixing Formwork Erection and Cast-in items	36 days 36 days		2025/12/25	2025/11/20	2025/12/25		2025/12/25	0 days 0 days	2	i		i				į		į	3x carpenters
160 161	Concreting Walls	1 day 48 days	2025/12/02 2025/12/03				2025/12/02 2025/12/03		0 days <b>0 days</b>											1 gang, concrete mixers, pump truck
162 163	Rebar Fixing Formwork Erection and Cast-in items	36 days 36 days	2025/12/03 2025/12/15				2025/12/03 2025/12/15		0 days 0 days	2			i							3x rebar fixers
164 165	Concreting  Backfilling and Compaction	1 day 45 days	2025/12/27	2025/12/27	2025/12/27	2025/12/27	2025/12/27	2025/12/27	0 days 0 days	0	i		i				į		į	Concrete mixers, 1 gang, pump truck  1x Excavator, 1x dump truck
166	Removal of Sheetpiles	45 days	2026/01/12	2026/02/25	2026/01/12	2026/02/25	2026/01/12	2026/02/25	0 days	0	1		1							1x lorry crane, 1x Sheetpiling machine
167 168	CH.A700.00~ CH.A800.00 Sheetpiling	121 days 36 days	2026/01/27 2026/01/27		2026/01/27 2026/01/27		2026/01/27 2026/01/27		0 days 0 days				į.							1x Sheetpiling machine 1x lorry crane
169 170	Excavation and Lateral Support  Ground and Edge Beams	36 days 55 days	2026/02/08 2026/02/20				2026/02/08		0 days 0 days				i				į		i	1x Excavator, 1x dump truck, 2x labour
171 172	Install precast portion (ground beam) Rebar Fixing	45 days 30 days		2026/04/05	2026/02/20	2026/04/05	2026/02/20	2026/04/05	0 days 0 days	0	1		1						1	1x lorry crane, 2k lab our
173	Formwork Erection and Cast-in items	30 days	2026/03/17	2026/04/15	2026/03/17	2026/04/15	2026/03/17	2026/04/15	0 days	2										3x carp enters
174 175	Concreting Walls	1 day 40 days	2026/03/27 2026/03/28	2026/03/27 2026/05/06	2026/03/27 2026/03/28		2026/03/27 2026/03/28		0 days <b>0 days</b>				l li				į		i	1 gang, concrete mixers, pump truck
176 177	Rebar Fixing Formwork Erection and Cast-in items	30 days 30 days	2026/03/28 2026/04/07						0 days 0 days				i				1			3x carpenters
178	Concreting	1 day	2026/04/17	2026/04/17	2026/04/17	2026/04/17	2026/04/17	2026/04/17	0 days	0			1				!			concrete mixers, 1 gang, pump truck
179 180	Backfilling and Compaction Removal of Sheetpiles	30 days 30 days	2026/04/28	2026/05/27		2026/05/27	2026/04/18 2026/04/28	2026/05/27	0 days 0 days	0										1x Excavator, Ix dump truck
181 182	Facing stone ABWF works	21 days 21 days	2026/05/08 2026/05/08		2026/05/08 2026/05/08		2026/05/08 2026/05/08		0 days 0 days				i				į		į	<b>→</b> ************************************
183 58	Bedding works	21 days	2026/05/08	2026/05/28	2026/05/08	2026/05/28	2026/05/08	2026/05/28	0 days	0	1		1							<b>-</b>
	Section VII	820 days 210 days			2023/05/30				0 days				1				1		1	•
3	access date of Portion D section VII (Ha Che - Fam Kam Road)	820 days	2023/05/30 2023/05/30	2025/08/26	2023/05/30	2025/08/26	2023/05/30	2025/08/26	0 days 0 days	0										
5	Site Establishment Initial Survey	212 days 30 days	2023/09/24 2023/12/25	2024/04/22		2024/01/23	2023/12/25	2024/01/23	0 days 0 days		i	_	#	——————————————————————————————————————			1			
7	Public Liaison and TTA Initial Safety & Environmental measures	90 days 60 days	2023/09/24 2023/12/23	2023/12/22					62 days 62 days			Ť								
10 11	Prepare and Accept Design and Method Statement Setup of instrumentation and monitoring	90 days 30 days	2023/10/26	2024/01/23	2023/10/26	2024/01/23	2023/11/25	2024/02/22	30 days 0 days	0							į		į	
12	Tree Survey	30 days	2024/01/24	2024/02/22	2024/01/24	2024/02/22	2024/01/24	2024/02/22	0 days	0				Arb orist		tural Engir	-			
13 14	Condition Survey UU detection	30 days 30 days	2024/01/24 2024/02/23				2024/01/24 2024/02/23		0 days 0 days						g Surveyor / Strue ompetent Person	(UU)				
15 16	Site Clearance Temporary Traffic Arrangement	30 days <b>120 days</b>	2024/03/24 2023/12/25			2024/04/22 2024/04/22	2024/03/24 2023/12/25		0 days 0 days					<u> </u>	2x labour, 1	grab truck				
17	Application of XP Submission of TTA and Arrange TMLG	90 days 90 days	2023/12/25	2024/03/23	2023/12/25		2023/12/25	2024/03/23	0 days 0 days	0			1				i		į	
10	Task	20 days		Milestone	1 2023/12/23	<b>&gt;</b>		Critical Task	o days		active Milestone	1	Duratio	n-only		Start-only		External	Milestone	Project Summary
Revision.: 1.4				Summary	•				<b>♦</b>		active Summary			l Summary Rollup		Finish-only		■ Split		Group By Summary
	Progress			Rolled Up T	ask I		Rolled Up	Progress		— Ma	anual Task	<b>♦</b>		Summary	•	External Tasks	<b>♦</b>	External	Tasks	Deadline <b>⊕</b>
	<pre>}~{D/S},size+type,bedding,length(m),depth(m)</pre>											Page	. 0							

Part								CONTRA	V CT NO. DC/2022/02	2 - DRAINAGE IMPI	ROVEMENT WO	PRKS AT YUEN LONG - STAGE 2				
The content of the co	ID Task Name	Duration Star	t Finish	Early Start	Early Finish	Late Start	Late Finish	Total Slack TRA	A Half 1	2023,	Half 2	2024, Half 1	2024, Half 2	2025, Half 1	2025, Half 2	
Company   Comp								-	A INI J	1 M S	N D	J IVI A IVI J	, , , , , , , , , , , , , , , , , , ,			
March   Marc	7 3	-						-		İ					▼	
								-								
1	-											į				
The content of the										Ì		7	1x Excavator, 1x dump truck, 2x	Iapoul		
## Process of the Control of the Con	26 Install precast portion (ground beam)	30 days 2024/0	6/24 2024/07/2	3 2024/06/24	2024/07/23	2024/06/24	2024/07/23	0 days 0		-			············	1		
The control of the co	3									-		1	, <u></u>	1		
Mary   Mary		-						-		į				p truck		i i
								-								
10   Company   10	9									Ì				I		
10		-						-		1		I I	F	ump truck		
The content   Content	3 ,							-		1		I I				
Martine   Mart								-					1x lony dane 1x 5n	 		
Control   Cont		-								į			<u> </u>	▼		i i
## Marker   Column		-						-		ì				1x lorry crane		
## Annual Property   1969   19								-		-				1x pipe jacking mach	ine	
Second Second								-		1		I I	1			
## Company   Com								-						1x lorry crane	Lining method to be proposed	
1								-		į					<b>*</b>	
## 1		35 days 2025/0	7/23 2025/08/2	5 2025/07/23	2025/08/26	2025/07/23	2025/08/26	0 days 5								
Company   Comp		975 days 2023/0	5/29 2026/01/2	7 2023/05/29	2026/01/27	2023/05/29	2026/07/27	0 days					+	1	!	
	2 access date of Portion E1	0 days 2023/0	5/29 2023/05/2	9 2023/05/29	2023/05/29	2023/05/29	2023/05/29	0 days 0	₹05	/29		I I	1	I I	I I	
Control   Cont	,	-												ı		
The Processing								-	<b>—</b>			_			i	
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The first properties of contents   1,516   1,110   1	-	-						-		1			 	I I	I I	
1	11 Setup of instrumentation and monitoring	-						-		<b>*</b>				1		
March   Sept   March   Sept   March   Sept   March   Sept   March   Sept   Se		-								Arbo	ist Compotent Bord			1		
Total Section   March   Marc								-								i i
Company   Comp	15 Temporary Traffic Arrangement	240 days 2023/0	5/29 2024/01/2	3 2023/05/29	2024/01/23	2023/05/29	2024/01/23	0 days	_ +			<del> </del>				
Company   Comp								-						I		
A man of mode Section (1947   1949)   1949								-				<b>*</b>		1		
A systemistry		-						-				<u> </u>	:	:	1	
Bearing From Section								-		į					i	į į
Total   Sept	22 Breaking Ground	14 days 2024/0	1/26 2024/02/0	8 2024/01/26	2024/02/08	2024/01/26	2024/02/08	0 days 1				0000_	r			
The Control of the	***							-		ì			   nur			
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The strong   2 miles   1 miles										1			The state of the s	I I		
Accordance with Policies and Policies and Marketine (1997)   According to Marketine (1997)										-		IX Excavator, 1x	аштр тгиск	1		
1   Stage	· · ·	30 days 2024/0						-		İ		<b>*</b>			i	
1								-		į			-			
A	9	-						-		i i			Y			
1	9	-						-		Ì				I		
Section of March 1								-						1		
18	36 Bedding and Backfilling	8 days 2024/0	6/02 2024/06/0	9 2024/06/02	2024/06/09	2024/06/02	2024/06/09	0 days 0						1		
19									_	1			L-I · · · ·	I I		
A								-		į			T amp truck			
1	3	58 days 2024/0	6/28 2024/08/2	4 2024/06/28	2024/08/24	2024/06/28	2024/08/24	0 days					<del>_</del>			
A								-	_			I I	1x Excavator with breaker	I I	i I	
A	43 Excavation and Lateral Support	14 days 2024/0	7/08 2024/07/2	1 2024/07/08	2024/07/21	2024/07/08	2024/07/21	0 days 2		 		I I	1x Excavator	I I	I I	
Af   Mar hale Construction   1.0 days   2014/006/1   2014/006/1   2014/006/2   20								-	_			I I	200_	I I	1	
AB	9 9							-		1		I I	3x carpenter, 2x labour	I I		
49   Step   St								-		į			1x Excavator, 1x dump	truck		
50		-						-	_				<b>-</b>			
Scrawton and Lateral Support   14 days   203/407/61   202/407/61   2	50 TTA Implementation	4 days 2024/0	8/25 2024/08/2	8 2024/08/25	2024/08/28	2024/08/25	2024/08/28	0 days 0		 		I I		I I	I I	
53   Dran laying   12 days   204/09/16   204/09/17	9							-		1		I I	800_	reaker 	1	
Seding and Backfilling	11							-	_			I I		k labour		
Section   Sec	54 Bedding and Backfilling	8 days 2024/0	9/26 2024/10/0	3 2024/09/26	2024/10/03			0 days 0		1		I		l Objection		
57   T1A Removal   2 days   2024/10/20   2024/10/21   2024/10/20   2024/10/21   20								-	_						į	
59 SHT.A3A-SHT.A04_150PC,B.L=49.29,D=3.65	57 TTA Removal							-		1			Exception 1			
60 Stage 1 72 days 2024/11/21 2025/01/31 2024/11/21 2025/01/31 2024/11/21 2025/01/31 2024/11/21 2025/01/31 2024/11/21 2025/01/31 2024/11/21 2025/01/31 2024/11/21 2025/01/31 2024/11/21 2024/11/24 202	1 1	-						-		 		I I	<u> </u>	I I	I I	
61 TTA Implementation		-							_			I I			1	
Section and Lateral Support   18 days   2024/12/03   2025/01/13   2025/01/03   2024/12/03   20	61 TTA Implementation	4 days 2024/1	1/21 2024/11/2	4 2024/11/21	2024/11/24	2024/11/21	2024/11/24	0 days 0		1		I I	1	1		
64 Drain Laying 16 days 2024/12/19 2025/01/03 2024/12/19 2025/01/03 2024/12/19 2025/01/03 2024/12/19 2025/01/03 2024/12/19 2025/01/03 0 days 2	3							-	_				200_1		i	
65 Bedding and Backfilling  10 days 2025/01/02 2025/01/11 2025/01/02 2025/01/11 2025/01/02 2025/01/11 2025/01/02 2025/01/11 0 days 0  Task Critical Task Summary Rolled Up Task Progress Rolled Up Task Rolled Up Progress Rolled Up Progress Rolled Up Progress Rolled Up Progress Rolled Up Progress Rolled Up Progress Rolled Up Progress Rolled Up Progress Rolled Up Progress Rolled Up Progress Rolled Up Rolled								-				1		3x drainlayer, 2x lab our		
Critical Task Summary Summary Folled Up Milestone Summary Manual Summary Rollup Finish-only Finish-only Split Group By Summary Folled Up Milestone Manual Summary Rollup Manual Summary Rollup Finish-only Finish-only Finish-only Finish-only Finish-only Finish-only Finish-only Finish-only Fage 9	7 3							-				I I	 		I I	
Progress — Rolled Up Task Rolled Up Progress — Manual Task $\diamondsuit$ Manual Summary $\diamondsuit$ External Tasks $\diamondsuit$ External Tasks $\diamondsuit$ External Tasks $\diamondsuit$ Deadline $\diamondsuit$ Drain: $\{U/S\}\sim\{D/S\}$ , size+type, bedding, length(m), depth(m)			Milestone		<b>*</b>	Rolled Up	Critical Task		Inactive Milestor	ne	Dur	ition-only	Start-only	External Mile	estone Pr	roject Summary
Prain: {U/S}~{D/S},size+type,bedding,length(m),depth(m)	Revision.: 1.4 Date: 25 September 2023 Critic al Task		Summary		•	Rolled Up	Milestone	<b>♦</b>	Inactive Summa	ry	Mar	ual Summary Rollup 🔷	Finish-only	<b>▼</b> Split	G	roup By Summary
	Progress		Rolled Up 1	ask		Rolled Up	Progress		- Manual Task	• • • • • • • • • • • • • • • • • • •	Mar	ual Summary •	External Tasks	♦ External Task	zs D	eadline &
										Pa	ige 9					

		CONTRACT NO. DC/2022/02 - DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2
ID	Task Name	Duration         Start         Finish         Early Start         Early Finish         Late Start         Late Finish         Total Slack         TRA         Half 1         2023, Half 2         2024, Half 1         2024, Half 2         2025, Half 2         2025, Half 2         2025, Half 2         2025, Half 2         2025, Half 2         2025, Half 2         2025, Half 2         2026, Half 2         2026, Half 2         2026, Half 2         2026, Half 2         2026, Half 2         2026, Half 3         2026, Half 3         2026, Half 3         2027, Half 3         2027, Half 3         2027, Half 3         2028, Half 3
66 67	Manhole Construction Reinstatement	12 days 2025/01/10 2025/01/21 2025/01/10 2025/01/21 2025/01/21 2025/01/21 2025/01/21 2025/01/21 0 days 1  8 days 2025/01/22 2025/01/22 2025/01/22 2025/01/22 2025/01/22 2025/01/22 2025/01/22 2025/01/22 2025/01/22 2025/01/22 2025/01/29 0 days 0
68	TTA Removal	2 days 2025/01/30 2025/01/30 2025/01/30 2025/01/30 2025/01/30 2025/01/30 2025/01/30 0 days 0
69 70	Stage 2 TTA Implementation	72 days 2025/02/01 202
71	Breaking Ground	12 days 2025/02/04 2025/02/04 2025/02/04 2025/02/04 2025/02/04 2025/02/04 2025/02/04 0 days 1
72	Excavation and Lateral Support	18 days 2025/02/13 2025/03/02 2025/03/02 2025/03/02 2025/03/01 202
73 74	Drain Laying  Bedding and Backfilling	16 days 2025/03/01 2025/03/16 2025/03/16 2025/03/16 2025/03/16 2025/03/16 2025/03/16 2025/03/16 0 days 2  10 days 2025/03/15 2025/03/15 2025/03/24 2025/03/15 2025/03/24 2025/03/24 0 days 0
75	Manhole Construction	12 days 2025/03/23 2025/04/03 2025/03/23 2025/04/03 2025/04/03 2025/04/03 0 days 1
76 77	Reinstatement TTA Removal	8 days 2025/04/04 2025/04/11 2025/04/04 2025/04/12 2025/04/12 2025/04/12 2025/04/12 2025/04/12 2025/04/12 2025/04/12 2025/04/12 2025/04/12 2025/04/12 2025/04/12 2025/04/12 2025/04/13 0 days 0
78	SHT.A03~ SHT.A3A, 1500PC,B,L=8.59,D=3.65	56 days 2025/04/14 2025/06/08 2025/04/14 2025/06/08 2025/06/08 2025/04/14 2025/06/08 0 days
79 80	TTA Implementation Breaking Ground	4 days 2025/04/14 2025/04/17 2025/04/14 2025/04/14 2025/04/14 2025/04/14 2025/04/14 2025/04/15 0 days 0  10 days 2025/04/16 2025/04/25 2025/04/25 2025/04/25 2025/04/25 2025/04/25 0 days 1
81	Excavation and Lateral Support	14 days 2025/04/24 2025/05/07 2025/04/24 2025/05/07 2025/04/24 2025/05/07 0 days 2
82	Drain Laying	12 days 2025/05/06 2025/05/17 2025/05/06 2025/05/17 2025/05/06 2025/05/17 2025/05/06 2025/05/17 0 days 2  8 days 2025/05/16 2025/05/23 2025/05/16 2025/05/23 2025/05/16 2025/05/23 0 days 0
83 84	Bedding and Backfilling  Manhole Construction	8 days 2025/05/16 2025/05/23 2025/05/2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05/23 2025/05
85	Reinstatement TTA Removal	6 days 2025/06/01 2025/06/06 2025/06/01 2025/06/01 2025/06/01 2025/06/01 2025/06/01 0 days 0
86 87	SHT.A02~ SHT.A03,1500PC,T,L=32.82,D=3.6	2 days 2025/06/07 2025/06/08 2025/06/09 2025/06/00 2025/06/00 2025/06/00 2025
88	Stage 1	58 days 2025/06/09 2025/06/09 2025/08/05 2025/06/09 2025/08/05 2025/08/05 0 days
90	TTA Implementation Breaking Ground	4 days 2025/06/09 2025/06/12 2025/06/09 2025/06/12 2025/06/09 2025/06/12 2025/06/09 2025/06/12 0 days 0  10 days 2025/06/11 2025/06/20 2025/06/11 2025/06/20 2025/06/11 2025/06/20 0 days 1
91	Excavation and Lateral Support	14 days 2025/06/19 2025/07/02 2025/06/19 2025/07/02 2025/06/19 2025/07/02 2025/06/19 2025/07/02 0 days 2
92	Drain Laying Bedding and Backfilling	12 days 2025/07/01 2025/07/12 2025/07/12 2025/07/12 2025/07/12 2025/07/12 2025/07/12 2025/07/12 2025/07/12 0 days 2  8 days 2025/07/11 2025/07/18 2025/07/18 2025/07/11 2025/07/18 2025/07/18 0 days 0
94	Manhole Construction	10 days 2025/07/17 2025/07/26 2025/07/17 2025/07/26 2025/07/17 2025/07/26 0 days 1
95 96	Reinstatement TTA Removal	8 days 2025/07/27 2025/08/03 2025/07/27 2025/08/03 2025/08/03 2025/08/03 2025/08/03 2025/08/05 2025/08/05 2025/08/05 2025/08/05 2025/08/05 2025/08/05 2025/08/05 0 days 0
97	Stage 2	54 days 2025/08/06 2025/09/28 2025/08/06 2025/09/28 2025/09/28 2025/09/28 0 days
98 99	TTA Implementation Breaking Ground	4 days 2025/08/06 2025/08/09 2025/08/06 2025/08/09 2025/08/09 2025/08/06 2025/08/09 2025/08/09 0 days 0  10 days 2025/08/08 2025/08/17 2025/08/08 2025/08/17 2025/08/08 2025/08/17 0 days 0
100	Excavation and Lateral Support	12 days 2025/08/16 2025/08/27 2025/08/16 2025/08/27 2025/08/27 2025/08/27 2025/08/27 0 days 2
101 102	Drain Laying	10 days 2025/08/26 2025/09/04 2025/08/26 2025/09/04 2025/09/04 2025/08/26 2025/09/04 2025/09/04 0 days 2 8 days 2025/09/03 2025/09/01 2025/09/03 2025/09/10 2025/09/03 2025/09/0
102	Bedding and Backfilling  Manhole Construction	8 days 2025/09/03 2025/09/04 2025/09/03 2025/09/09 2025
104	Reinstatement	8 days 2025/09/19 2025/09/26 2025/09/19 2025/09/26 2025/09/19 2025/09/26 0 days 0
105 106	TTA Removal  CCTV inspection	2 days 2025/09/27 2025/09/28 2025/09/27 2025/09/28 2025/09/28 2025/09/28 2025/09/28 0 days 0 60 days 2025/09/29 2025/11/27 2025/09/29 2025/11/27 2025/09/29 2025/11/27 0 days 0
107	Reinstatement	60 days 2025/11/28 2026/01/26 2025/11/28 2026/01/26 2025/11/28 2026/01/26 0 days 0
108 109	access date of Portion E2	270 days 2023/05/30 2024/02/23 2023/05/30 2024/02/23 2023/05/30 2024/02/23 0 days 0
110	section V (Shan Ha Tsuen)	973 days 2023/05/30 2026/01/26 2023/05/30 2026/01/26 2023/05/30 2026/01/28 2023/11/28 2026/07/27 182 days 0
111 112	Site Establishment Initial Survey	323 days 2023/09/24 2024/08/11 2023/09/24 2024/08/11 2023/09/24 2024/08/11 2023/12/12 2026/02/28 79 days 21 days 2024/02/23 2024/03/14 2024/02/23 2024/03/14 2024/02/23 2024/03/14 0 days 0
113	Public Liaison and TTA	90 days 2023/09/24 2023/12/22 2023/09/24 2023/12/22 2023/12/22 2023/12/12 2024/03/10 79 days 0
114 115	Initial Safety & Environmental measures Prepare and Accept Design and Method Statement	60 days 2023/12/23 2024/02/20 2023/12/23 2024/02/20 2023/12/23 2024/02/20 2024/01/23 2024/05/09 79 days 0  90 days 2023/10/26 2024/01/23 2023/10/26 2024/01/23 2024/01/13 2024/01/13 2024/04/11 79 days 0
116	Setup of instrumentation and monitoring	28 days 2024/03/15 2024/04/11 2024/03/15 2024/04/11 2024/03/15 2024/04/11 0 days 0
117 118	Condition Survey Tree Survey	28 days 2024/03/15 2024/04/11 2024/03/15 2024/04/11 2024/03/15 2024/04/11 2024/03/15 2024/04/11 0 days 0  28 days 2024/03/15 2024/04/11 2024/03/15 2024/04/11 2024/03/15 2024/04/11 0 days 0  Arb prist
119	Built Heritage Survey	150 days 2024/03/15 2024/08/11 2024/03/15 2024/08/11 2024/08/11 2025/10/02 2026/02/28 566 days 0
120 121	UU detection Site Clearance	28 days 2024/04/12 2024/05/09 2024/04/12 2024/05/09 2024/04/12 2024/05/09 2024/04/12 2024/05/09 2024/04/12 2024/05/09 2024/04/12 2024/05/09 2024/04/12 2024/05/09 0 days 0 Competent Person (UU)  28 days 2024/04/12 2024/05/09 2024/04/12 2024/05/09 2024/04/12 2024/05/09 0 days 0
122	Drain Laying Works (West)	361 days 2024/05/10 2025/05/05 2024/05/10 2025/05/05 2024/05/10 2025/05/05 2024/05/10 2026/07/27 0 days
123	SHT.A01~ SHT.A02,1500PC, B, L = 8.39, D = 3.6  TTA implementation	28 days 2024/05/10 202
125	Breaking pavement	5 days 2024/05/12 2024/05/16 2024/05/12 2024/05/12 2024/05/12 2024/05/12 2024/05/12 2024/05/16 0 days 0
126 127	Excavation and Lateral Support  Drain Laying	5 days 2024/05/15 2024/05/19 2024/05/19 2024/05/19 2024/05/19 2024/05/19 2024/05/19 0 days 0 5 days 2024/05/18 2024/05/22 2024/05/22 2024/05/18 2024/05/22 0 days 0 5 days 2024/05/18 2024/05/18 2024/05/22 2024/05/22 2024/05/22 0 days 0
128	Bedding and Backfilling	6 dáys 2024/05/21 2024/05/26 2024/05/21 2024/05/21 2024/05/21 2024/05/21 2024/05/26 0 days 0
129 130	Manhole construction Reinstatement	7 days 2024/05/25 2024/05/31 2024/05/25 2024/05/31 2024/05/25 2024/05/31 2024/05/25 2024/05/31 0 days 0 5 days 2024/06/01 2024/06/05 2024/06/01 2024/06/05 2024/06/01 2024/06/05 0 days 0  1x Excavator, 1x dump truck
131	TTA removal	1 day 2024/06/06 2024/06/06 2024/06/06 2024/06/06 2024/06/06 2024/06/06 2024/06/06 0 days 0
132 133	SHT.A1A~SHT.A01, 1200PC, B, L = 7.675, D = 2.14  TTA implementation	30 days 2024/06/07 202
134	Breaking pavement	4 days 2024/06/07 2024/06/10 2024/06/07 2024/06/07 2024/06/07 2024/06/07 2024/06/13 0 days 0 5 days 2024/06/09 2024/06/09 2024/06/13 2024/06/13 2024/06/13 0 days 0
135	Excavation and Lateral Support	5 days 2024/06/12 2024/06/12 2024/06/12 2024/06/12 2024/06/12 2024/06/12 2024/06/12 0 2024/06/12 0 days 0
136 137	Manhole bedding construction  Drain Laying	7 days 2024/06/15 2024/06/25 2024/06/25 2024/06/25 2024/06/25 2024/06/25 2024/06/25 2024/06/25 2024/06/25 0 days 0 statement of the second of
138	Manhole construction	7 days 2024/06/24 2024/06/30 2024/06/24 2024/06/30 2024/06/24 2024/06/30 0 2024/06/30 0 days 0
139 140	Reinstatement TTA removal	5 days 2024/07/01 2024/07/05 2024/07/06 2024
141	Connection of ex. Pipe to SHT.A01	28 days 2024/07/07 2024/08/03 2024/07/07 2024/08/03 2026/06/30 2026/06/30 2026/07/27 723 days 0
142 143	Temporary decking over ex. UC SHT.CP1~ SHT.A1A,550PC,B,L=4.16,D=2.06	28 days 2024/07/07 2024/08/03 2024/07/07 2024/08/03 2024/07/07 2024/08/03 0 days 0  27 days 2024/07/21 2024/08/16 2024/07/21 2024/08/16 0 days
144	TTA implementation	3 days 2024/07/21 2024/07/21 2024/07/21 2024/07/21 2024/07/21 2024/07/21 2024/07/21 0 days 0
145 146	Breaking pavement Excavation and Lateral Support	5 days 2024/07/22 2024/07/25 2024
147	Manhole bedding construction	7 days 2024/07/28 2024/08/03 2024/08/2 2024/08
148 149	Drain Laying Manhole construction	5 days 2024/08/02 2024/08/06 2024/08/06 2024/08/06 2024/08/06 2024/08/06 2024/08/06 0 days 0 6 days 2024/08/05
150	Reinstatement	5 days 2024/08/11 2024/08/15 2024/08/15 2024/08/15 2024/08/15 2024/08/15 2024/08/15 2024/08/15 0 days 0
151 152	TTA removal  Connection of ex. 550pipe to SHT.CP1	1 day 2024/08/16 2024/08/16 2024/08/16 2024/08/16 2024/08/16 2024/08/16 2024/08/16 0 days 0 28 days 2024/08/17 2024/09/13 2024/09/13 2024/09/13 2026/06/30 2026/07/27 682 days 0
153	SHT.B04~ SHT.A1A, 900PC, B,L = 13.155 D = 2.06	28 days 2024/08/17 2024/09/13 2024/08/17 2024/09/13 2024/09/13 2024/09/13 2024/09/13 2024/09/13 2024/09/13 2024/09/13 2024/09/13 2024/09/13 0 days
154	TTA implementation	3 days 2024/08/17 2024/08/19 2024/08/19 2024/08/19 2024/08/19 2024/08/19 2024/08/19 0 days 0
155 156	Breaking pavement Excavation and Lateral Support	5 days 2024/08/18 2024/08/22 2024/08/22 2024/08/22 2024/08/22 2024/08/22 2024/08/22 0 days 0 6 days 2024/08/21 2024/08/26 2024/08/21
vision.: 1.4	´T ask	Milestone ♦ Rolled Up Critical Task Inactive Milestone Duration-only Start-only External Milestone Project Summary Finish-only Finish-only Split Group By Summary For By Summary Finish-only Split Group By Summary Finish-only
	Progress	————— Rolled Up Task Rolled Up Progress ———— Manual Task ♦ Manual Summary ♦ External Tasks ♦ External Tasks © External Tasks

						CONTRAC	1 NO. DG/2022/02	- DHAINAGE IMPROVEMENT V	ORKS AT YUEN LONG - STAGE 2	
ID Task Name	Duration Star	: Finish Early	Start Early Finish	Late Start Late	Finish Total	Slack TRA	Half 1 A M J	2023, Half 2 J A S O N I	2024, Half 1	2024, Half 2 2025, Half 1 2025, Half 2 2026,
157 Manhole bedding construction 158 Drain Laying	7 days 2024/08 5 days 2024/08			2024/08/25 2024 2024/08/30 2024		0 days 0 0 days 0				3x drainlayer, 2x labour
159 Manhole construction	6 days 2024/09		09/02 2024/09/07	2024/09/02 2024	/09/07	0 days 0				💦 3x carpenter, 2x labour
160         Reinstatement           161         TTA removal	5 days 2024/09 1 day 2024/09					0 days 0 0 days 0				1x Excavator, 1x dump truck
162 Connection of ex. UC to SHT.A1A	28 days 2024/09	9/14 2024/10/11 2024/	09/14 2024/10/11	2026/06/30 2026	/07/27 65	4 days 0				
163 SHT.B03~ SHT.B 04, 900PC, B, L = 21, D = 1.97  164 TTA implementation	29 days 2024/09 4 days 2024/09			2024/09/14 2024 2024/09/14 2024		0 days 0 days 0				
165 Breaking pavement	5 days 2024/09	9/16 2024/09/20 2024/	09/16 2024/09/20	2024/09/16 2024	/09/20	0 days 0				x Excavator with breaker
166 Excavation and Lateral Support 167 Manhole bedding construction	6 days 2024/09 6 days 2024/09					0 days 0 0 days 0	_			
168 Drain Laying	6 days 2024/09				/10/02	0 days 0				X 1x Excavator 3x carpenter, 2x labour
169 Manhole construction 170 Reinstatement	6 days 2024/10 5 days 2024/10					0 days 0 0 days 0				x carpenter zarabout
171 TTA removal	1 day 2024/10					0 days 0				
172 SHT.B02~ SHT.B03, 900PC, B, L=36.94, D=1.72 173 Stage 1	56 days 2024/10 28 days 2024/10					0 days 0 days				
174 TTA implementation 175 Breaking payement	4 days 2024/10					0 days 0				1x Excavat or with breaker
175 Breaking pavement 176 Excavation and Lateral Support	5 days 2024/10 6 days 2024/10			2024/10/15 2024 2024/10/18 2024		0 days 0 0 days 0				X Excavator
177 Manhole bedding construction	5 days 2024/10					0 days 0				X3x drainlayer, 2x labour
178         Drain Laying           179         Manhole construction	6 days 2024/10 6 days 2024/10					0 days 0 0 days 0				3x carpenter, 2x labour
180         Reinstatement           181         TTA removal	5 days 2024/11					0 days 0				1x Excavator, 1x dump truck
181         TTA removal           182         Stage 2	1 day 2024/13 28 days 2024/13	./09 2024/11/09 2024/ L/10 2024/12/07 2024/				0 days 0 8 days				
183 TTA implementation	4 days 2024/11	./10 2024/11/13 2024/	11/10 2024/11/13	2026/02/01 2026	/02/04 44	8 days 0			I I	1x Excavator with breaker
184 Breaking pavement 185 Excavation and Lateral Support	5 days 2024/13 6 days 2024/13					8 days 0 8 days 0			I I	Lx Excayator with breaker
186 Manhole bedding construction	5 days 2024/11	./19 2024/11/23 2024/	11/19 2024/11/23	2026/02/10 2026	/02/14 44	8 days 0			I I	g 3x drainlayer, 2x labour
187 Drain Laying 188 Manhole construction	6 days 2024/13 6 days 2024/13			2026/02/13 2026 2026/02/17 2026		8 days 0 8 days 0	_		I I	1x Excavator
189 Reinstatement	5 days 2024/12	2/02 2024/12/06 2024/	12/02 2024/12/06	2026/02/23 2026	/02/27 44	8 days 0			I I	1x Ex cavator, 1x dump truck
190 TTA removal 191 SHT.B01~ SHT.B02, 900PC, B, L = 61.6, D = 1.59	1 day 2024/12 56 days 2024/12	2/07 2024/12/07 2024/ 2/08 <b>2025/02/01 2024/</b>				8 days 0 8 days			 	
192 Stage 1	28 days 2024/12	2/08 2025/01/04 2024/	12/08 2025/01/04	2026/03/01 2026	/03/28 44	8 days		i I I	I I	
193 TTA implementation 194 Breaking pavement	4 days 2024/12 5 days 2024/12			2026/03/01 2026 2026/03/03 2026		8 days 0 8 days 0			i	1x Excavator with breaker
195 Ex cavation and Lateral Support	6 days 2024/12	2/13 2024/12/18 2024/	12/13 2024/12/18	2026/03/06 2026	/03/11 44	8 days 0			i	1x Excavator
196 Manhole bedding construction 197 Drain Laying	5 days 2024/12 6 days 2024/12			2026/03/10 2026 2026/03/13 2026		8 days 0 8 days 0	_			3x drainlayer, 2x lab our
198 Manhole construction	6 days 2024/12					8 days 0				🐹 3x carpenter, 2x labour
199         Reinstatement           200         TTA removal	5 days 2024/12 1 day 2025/01			2026/03/23 2026 2026/03/28 2026		8 days 0 8 days 0				1x Excavator,1x dump truck
201 Stage 2	28 days 2025/0					8 days				
202 TTA implementation 203 Breaking pavement	4 days 2025/01 5 days 2025/01			2026/03/29 2026 2026/03/31 2026		8 days 0 8 days 0			1	1x Excavator with breaker
204 Excavation and Lateral Support	6 days 2025/01					8 days 0				x1x Excavator
205 Manhole bedding construction 206 Drain Laying	5 days 2025/01 6 days 2025/01					8 days 0 8 days 0		 	1	3x drainlayer,2x labour 1x Excavator
207 Manhole construction	6 days 2025/03			2026/04/10 2026		8 days 0			 	3x carpenter,2x lab our
208 Reinstatement 209 TTA removal	5 days 2025/01 1 day 2025/01			2026/04/20 2026 2026/04/25 2026		8 days 0 8 days 0			 	1x Excavator, 1x dump truck
210 SHT.CP2~ SHT.B01,900PC,B,L=10.36,D=1.59		2/02 2025/03/03 2025/				8 days			1	
211 TTA implementation 212 Breaking pavement	3 days 2025/02 6 days 2025/02					8 days 0 8 days 0			I I	1x Excavator with breaker
213 Excavation and Lateral Support	6 days 2025/02					8 days 0			 	x Excavator
214 Manhole bedding construction 215 Drain Laying	6 days 2025/02 6 days 2025/02			2026/05/05 2026 2026/05/09 2026		8 days 0 8 days 0			I I	3x drainlayer, 2x labour 1
215         Drain Laying           216         Manhole construction	7 days 2025/02			2026/05/13 2026		8 days 0			I I	3x carpenter, 2x labour
217         Reinstatement           218         TTA removal	5 days 2025/02			2026/05/20 2026		8 days 0 8 days 0			I I	1x Excavator, 1x dump truck
219 CCTV inspection	1 day 2025/03 28 days 2025/03	3/03 2025/03/03 2025/ 3/04 2025/03/31 2025/		2026/05/25 2026 2026/05/26 2026		8 days 0			I I	
220 Reinstatement 221 U-Channel Works (West)	35 days 2025/04 444 days 2024/13	1/01 2025/05/05 2025/ 1/10 2026/01/27 2024/				8 days 0 <b>0 days</b>			 	
222 SHT.CP2.5 ~ SHT.CP2,300-> 900CU(G),L=11.4	20 days 2024/1	1/10 2024/11/29 2024/				0 days 0 days			 	
223 Excavation and Lateral Support 224 Formwork Erection		./10 2024/11/15 2024/ ./14 2024/11/22 2024/		2024/11/10 2024 2024/11/14 2024		0 days 0 0 days 0				1x Excavator 2x carpenter
225 Catchpit construcion	9 days 2024/11	./21 2024/11/29 2024/	11/21 2024/11/29	2024/11/21 2024	/11/29	0 days 0			 	₹2x carpenter
226 Concreting 227 SHT.CP3~SHT.CP2.5,300->900CU(G),L=66.5		./28 2024/11/28 2024/ L/29 2025/02/06 2024/				0 days 0			I I	Concrete gang
228 Stage 1		1/29 2025/02/06 2024/ 1/29 2024/12/22 2024/				0 days 0 days		; 	I I	
229 Excavation and Lateral Support 230 Formwork Erection		./29 2024/12/06 2024/ 2/05 2024/12/14 2024/				0 days 0 0 days 0		i i	I I	X Excavator X. 2x carpenter
231 Catchpit construcion	•	2/13 2024/12/14 2024/ 2/13 2024/12/22 2024/				0 days 0			i I	🐹 2x carpenter
232 Concreting 233 Stage 2	1 day 2024/12					0 days 0				Concrete gang
234 Excavation and Lateral Support		<b>2/22 2025/01/14 2024/</b> 2/22 2024/12/29 2024/				0 days 0 days 0		.   	· 	🐹 1x Excavator
235 Formwork Erection 236 Catchpit construcion	10 days 2024/12 10 days 2025/03			2024/12/28 2025 2025/01/05 2025		0 days 0 0 days 0				2x carpenter
237 Catchpit construcion 237 Concreting	1 day 2025/0			2025/01/05 2025		0 days 0				Concrete gang
238 Stage 3 239 Excavation and Lateral Support		1/14 2025/02/06 2025/				0 days				1x Excavator
239 Excavation and Lateral Support 240 Formwork Erection	8 days 2025/03 10 days 2025/03	./14 2025/01/21 2025/ ./20 2025/01/29 2025/		2025/01/14 2025 2025/01/20 2025		0 days 0 0 days 0		1		🛣 2x carpenter
241 Catchpit construcion	10 days 2025/01	./28 2025/02/06 2025/	01/28 2025/02/06	2025/01/28 2025	/02/06	0 days 0				2x carpenter
242 Concreting 243 SHT.CP3.3~SHT.CP3,300->450CU(G),L=54.5	1 day 2025/02 76 days 2025/02	2/05 2025/02/05 2025/ 2 <b>/06 2025/04/22 2025</b> /				0 days 0 <b>0 days</b>			I I	oncrete gang
244 Stage 1	24 days 2025/02	2/06 2025/03/01 2025/	02/06 2025/03/01	2025/02/06 2025	/03/01	0 days			I I	l V Successfor
245         Excavation and Lateral Support           246         Formwork Erection	8 days 2025/02 10 days 2025/02	2/06 2025/02/13 2025/ 2/12 2025/02/21 2025/		2025/02/06 2025 2025/02/12 2025		0 days 0 0 days 0			I I	Marcavator     Marcavator       Marcavator         Marcavator
247 Catchpit construcion		2/20 2025/03/01 2025/				0 days 0			I I	2x carpenter
Task		Milestone	•	Rolled Up Critical	Task		Inactive Mileston		-	Start-only External Milestone Project Summary
vision.: 1.4 Date: 25 September 2023 Critical Task		Summary	▼	Rolled Up Milesto			Inactive Summary		nual Summary Rollup 🔷	Finish-only Split Group By Summary
Progress		Rolled Up Task		📉 Rolled Up Progre	ss		Manual Task	♦ Ma	inual Summary 🔷	External Tasks 🔷 External Tasks Deadline 🕀

									CONTR	RACT NO. DC/2	2022/02 - D	RAINAGE IMPROV	EMENT WORK	S AT YUEN LONG - STA	AGE 2				
ID Task Name		Duration	Start	Finish	Early Start	Early Finish	Late Start	Late Finish		RA Half 1	M   J	2023, Half J A S O		2024, Half 1 F M A M	ען נו א	2024, Half 2 A S O N D	2025, Half 1 J   F   M   A   M   J	2025, Half 2 2026, Half 1 J A S O N D J F M A M J	2026 Half 2 J A S O N D
248 Concret 249 <b>Stage 2</b>	ting	1 day 27 days	2025/02/28 2025/03/01	2025/02/28 2025/03/27	2025/02/28 2025/03/01	2025/02/28 2025/03/27		2025/02/28 2025/03/27	0 days 0 days	0							Concrete gang		
250 Excavat	tion and Lateral Support	8 days	2025/03/01	2025/03/08	2025/03/01	2025/03/08	2025/03/01	2025/03/08	0 days	0	į		į				1x Excavator 2x carpenter		
	ork Erection it construcion	12 days 11 days	2025/03/07 2025/03/17	2025/03/18 2025/03/27	2025/03/07 2025/03/17	2025/03/18 2025/03/27		2025/03/18 2025/03/27	0 days 0 days	0	i	i	į		i	i	2x carp enter	į	i I
253 Concret 254 Stage 3	ting	1 day 27 days	2025/03/26 2025/03/27	2025/03/26 2025/04/22	2025/03/26 2025/03/27	2025/03/26 2025/04/22		2025/03/26 2025/04/22	0 days 0 days	0	1	 	1		(	1	Concrete gang		1
255 Excavat	tion and Lateral Support	8 days	2025/03/27	2025/04/03	2025/03/27	2025/04/03	2025/03/27	2025/04/03	0 days	0	I I		1		1		1x Excavator		1
	ork Erection it construcion	12 days 11 days	2025/04/02 2025/04/12	2025/04/13	2025/04/02 2025/04/12	2025/04/13 2025/04/22		2025/04/13	0 days 0 days	0							2x carpenter 2x carpenter		
258 Concret 259 SHT.CP3.5~S	ting SHT.CP3.3,300->450CU(G),L=43.3	1 day 57 days	2025/04/21 2025/04/22	2025/04/21 2025/06/17	2025/04/21 2025/04/22	2025/04/21 2025/06/17		2025/04/21 2025/06/17	0 days 0 days	0							Con crete gai	ng	
260 Stage 1		29 days	2025/04/22	2025/05/20	2025/04/22	2025/05/20	2025/04/22	2025/05/20	0 days	0	į		į		ill		1x Excavat	ar I	
	tion and Lateral Support ork Erection	10 days 12 days	2025/04/22 2025/04/30	2025/05/01 2025/05/11	2025/04/22 2025/04/30	2025/05/01 2025/05/11		2025/05/01 2025/05/11	0 days 0 days	0	İ	İ	i		i	i	2x carp e	nter	
263 Catchpi 264 Concret	it construcion tina	11 days 1 day	2025/05/10 2025/05/19	2025/05/20 2025/05/19	2025/05/10 2025/05/19	2025/05/20 2025/05/19		2025/05/20 2025/05/19	0 days 0 days	0	1	 	1		1	1	2x carp Concre		1
265 Stage 2		29 days	2025/05/20	2025/06/17	2025/05/20	2025/06/17	2025/05/20	2025/06/17	0 days	0							1x Ex		
267 Formwo	tion and Lateral Support ork Erection	10 days 12 days	2025/05/20 2025/05/28	2025/05/29 2025/06/08	2025/05/20 2025/05/28	2025/05/29 2025/06/08		2025/05/29 2025/06/08	0 days 0 days	0							2x	carpenter	
268 Catchpi 269 Concret	it construcion	11 days 1 day	2025/06/07 2025/06/16	2025/06/17 2025/06/16	2025/06/07 2025/06/16	2025/06/17 2025/06/16		2025/06/17 2025/06/16	0 days 0 days	0	į		į		i			x carpenter oncrete gang	 
270 End~SHT.CP	3.5,300->450CU(G),L=107.7	113 days	2025/06/17	2025/10/07	2025/06/17	2025/10/07	2025/06/17	2025/10/07	0 days		į	İ	į		Ì	į	<del>-</del>		i I
271 Stage 1 272 Excavat	tion and Lateral Support	29 days 10 days	2025/06/17 2025/06/17	2025/07/15 2025/06/26	2025/06/17 2025/06/17	2025/07/15 2025/06/26		2025/07/15 2025/06/26	0 days 0 days	0	1	 	1		1	1	*	1x Excavator	1
	ork Erection it construcion	12 days 11 days	2025/06/25 2025/07/05	2025/07/06 2025/07/15	2025/06/25 2025/07/05	2025/07/06 2025/07/15		2025/07/06 2025/07/15	0 days 0 days	0	1	I I	I I			I I		2x carpenter 2x carpenter	1
275 Concret		1 day	2025/07/14	2025/07/14	2025/07/14	2025/07/14	2025/07/14	2025/07/14	0 days	0	1	Į Į	 					Concrete gang	1
	tion and Lateral Support	29 days 10 days	2025/07/15 2025/07/15	2025/08/12 2025/07/24	2025/07/15 2025/07/15	2025/08/12 2025/07/24		2025/08/12 2025/07/24	0 days 0 days	0		[						x Excavator	
	ork Erection it construcion	12 days 11 days	2025/07/23 2025/08/02	2025/08/03 2025/08/12	2025/07/23 2025/08/02	2025/08/03 2025/08/12		2025/08/03 2025/08/12	0 days 0 days	0		[	i					2x carpenter 2x carpenter	
280 Concret		1 day	2025/08/11	2025/08/11	2025/08/11	2025/08/11	2025/08/11	2025/08/11	0 days	0	i	İ	i		ill -	i		Concrete gang	1
281 Stage 3 282 Ex cavat	tion and Lateral Support	29 days 10 days	2025/08/12 2025/08/12	2025/09/09 2025/08/21	2025/08/12 2025/08/12	2025/09/09 2025/08/21		2025/09/09 2025/08/21	0 days 0 days	0	1	[	I			I I		1x Excavator	1
	ork Erection it construcion	12 days 11 days	2025/08/20 2025/08/30	2025/08/31 2025/09/09	2025/08/20 2025/08/30	2025/08/31 2025/09/09		2025/08/31 2025/09/09	0 days 0 days	0	1	Į Į	 					2x carpenter	1
285 Concret		1 day	2025/09/08	2025/09/08	2025/09/08	2025/09/08	2025/09/08	2025/09/08	0 days	0								Concrete gang	
286 <b>Stage 4</b> 287 Excavat	tion and Lateral Support	29 days 10 days	2025/09/09	2025/10/07 2025/09/18	2025/09/09 2025/09/09	2025/10/07 2025/09/18		2025/10/07 2025/09/18	0 days 0 days	0	į							1x Excavator	
	ork Erection it construcion	12 days 11 days	2025/09/17 2025/09/27	2025/09/28 2025/10/07	2025/09/17 2025/09/27	2025/09/28 2025/10/07		2025/09/28 2025/10/07	0 days 0 days	0			į					2x carpenter 2x carpenter	
290 Concret	ting	1 day	2025/10/06	2025/10/06	2025/10/06	2025/10/06	2025/10/06	2025/10/06	0 days	0	1	 	1		(	1		Concrete gang	1
291 End~ex. UC 4 292 Stage 1	45 0 CU (G), L = 70	113 days 29 days	2025/10/07 2025/10/07	2026/01/27 2025/11/04		2026/01/27 2025/11/04		2026/01/27 2025/11/04	0 days 0 days		1	 	1		1	1		,	 
	tion and Lateral Support ork Erection	10 days 12 days	2025/10/07 2025/10/15	2025/10/16 2025/10/26	2025/10/07 2025/10/15	2025/10/16 2025/10/26		2025/10/16 2025/10/26	0 days 0 days	0								1x Excavator 2x carpenter	
295 Catchpi	it construcion	11 days	2025/10/25	2025/11/04	2025/10/25	2025/11/04	2025/10/25	2025/11/04	0 days	0								2x carpenter	 
296 Concret 297 <b>Stage 2</b>	ting	1 day 29 days	2025/11/03 2025/11/04	2025/11/03 2025/12/02	2025/11/03 2025/11/04	2025/11/03 2025/12/02		2025/11/03 2025/12/02	0 days <b>0 days</b>	0			į					Concrete gang	
	tion and Lateral Support ork Erection	10 days 12 days	2025/11/04 2025/11/12	2025/11/13 2025/11/23	2025/11/04 2025/11/12	2025/11/13 2025/11/23		2025/11/13 2025/11/23	0 days 0 days	0	İ		1		Ì			1x Excavator 2x carpenter	
300 Catchpi	it construcion	11 days	2025/11/22	2025/12/02	2025/11/22	2025/12/02	2025/11/22	2025/12/02	0 days	0	1	 	1		1	1		2x carpenter	 
301 Concret 302 <b>Stage 3</b>	ting	1 day 29 days		2025/12/01 2025/12/30		2025/12/01		2025/12/01 2025/12/30	0 days <b>0 days</b>	0	1		-					Concrete gang	
	tion and Lateral Support ork Erection	10 days 12 days	2025/12/02 2025/12/10	2025/12/11 2025/12/21	2025/12/02 2025/12/10	2025/12/11 2025/12/21		2025/12/11 2025/12/21	0 days 0 days	0	į							ix Excavator ix 2x carpenter	
305 Catchpi	it construcion	11 days	2025/12/20	2025/12/30	2025/12/20	2025/12/30	2025/12/20	2025/12/30	0 days	0	į	İ	į		Ì	į		Zx carpenter Concrete gang	
306 Concret 307 <b>Stage 4</b>	ting	1 day 29 days	2025/12/29 2025/12/30	2025/12/29 2026/01/27		2025/12/29 2026/01/27		2025/12/29 2026/01/27	0 days <b>0 days</b>	U	İ		1		Ì	1		<b>—</b> ▼	
	tion and Lateral Support ork Erection	10 days 12 days	2025/12/30 2026/01/07	2026/01/08	2025/12/30 2026/01/07	2026/01/08 2026/01/18		2026/01/08 2026/01/18	0 days 0 days	0	1	 	1		1	1		1x Excavator 2x carpenter	 
310 Catchpi	it construcion	11 days	2026/01/17	2026/01/27	2026/01/17	2026/01/27	2026/01/17	2026/01/27	0 days	0		I I				 		2x carpenter Concrete gang	
311 Concret 312 U-Channel Work	ks (East)	1 day 570 days	2024/07/07	2026/01/26 2026/01/27		2026/01/26 2026/01/27	2024/07/07	2026/01/26 2026/07/27	0 days 0 days			 			₩-			Concretegang	
	HT. CP10E, 750CU (HD-G), L=19.8 n and Lateral Support	29 days 10 days	2024/07/07 2024/07/07	2024/08/04 2024/07/16	2024/07/07 2024/07/07	2024/08/04 2024/07/16		2024/08/04 2024/07/16	<b>0 days</b> 0 days	0	i	İ	i		<b>*</b> 1	1x Excavator		i I	1
315 Formwork 316 Catchpit co	Erection	12 days 11 days	2024/07/15 2024/07/25	2024/07/26 2024/08/04	2024/07/15 2024/07/25	2024/07/26 2024/08/04	2024/07/15	2024/07/26 2024/08/04	0 days 0 days	0	1	[	I I			2x carpenter			1
317 Concreting	g	1 day	2024/08/03	2024/08/03	2024/08/03	2024/08/03	2024/08/03	2024/08/03	0 days	0	1	Į Į	 		!	Concrete gang			1
	SHT.CP10D,750CU(HD-G),L=23.7 n and Lateral Support	36 days 13 days	2024/08/04 2024/08/04	2024/09/08 2024/08/16	2024/08/04 2024/08/04	2024/09/08 2024/08/16		<b>2024/09/08</b> 2024/08/16	0 days 0 days	0		 			I I	1x Excavator			
320 Formwork 321 Catchpit co	Erection	14 days 13 days	2024/08/15	2024/08/28	2024/08/15		2024/08/15	2024/08/28	0 days 0 days	0		[			I I I	2x carpenter			1 1
322 Concreting	g	1 day	2024/09/07	2024/09/07	2024/09/07	2024/09/07	2024/09/07	2024/09/07	0 days	0						Concrete gang			
	SHT.CP10C,750CU(HD-G),L=11.9 n and Lateral Support	24 days 8 days	2024/09/08 2024/09/08	2024/10/01 2024/09/15	2024/09/08 2024/09/08	2024/10/01 2024/09/15		2024/10/01 2024/09/15	<b>0 days</b> 0 days	0	İ		1		į.	1x Excavator			1
325 Formwork 326 Catchpit co	Erection	10 days 10 days	2024/09/14 2024/09/22	2024/09/23 2024/10/01	2024/09/14 2024/09/22	2024/09/23 2024/10/01	2024/09/14	2024/09/23 2024/10/01	0 days 0 days	0	1	I I	I I		I I	2x carpenter 2x carpenter			1
327 Concreting	g	1 day	2024/09/30	2024/09/30	2024/09/30	2024/09/30	2024/09/30	2024/09/30	0 days	0		I I			l L	Concrete gang			
	SHT.CP10B,750CU(HD-G),L=6.5 n and Lateral Support	17 days 6 days	2024/10/01 2024/10/01	2024/10/17 2024/10/06	2024/10/01 2024/10/01	2024/10/17 2024/10/06	2024/10/01 2024/10/01	2024/10/17 2024/10/06	0 days 0 days	0		 			I I	1x Excavat or			1 1
330 Formwork 331 Catchpit co		8 days 7 days	2024/10/05 2024/10/11	2024/10/12 2024/10/17	2024/10/05 2024/10/11	2024/10/12 2024/10/17		2024/10/12 2024/10/17	0 days 0 days	0	i	İ	i		i	2x carpenter 2x carpenter		i I	1
332 Concreting	g	1 day	2024/10/16	2024/10/16	2024/10/16	2024/10/16	2024/10/16	2024/10/16	0 days	0	1	[	I I		1	Concrete gang			1
	SHT.CP10A, 750CU(HD-G), L=6.4 n and Lateral Support	17 days 6 days	2024/10/17 2024/10/17	2024/11/02 2024/10/22		2024/11/02 2024/10/22		2024/11/02 2024/10/22	<b>0 days</b> 0 days	0	1	I I	I I		I I	1x Excavator			1
335 Formwork 336 Catchpit co		8 days 7 days	2024/10/21 2024/10/27	2024/10/28 2024/11/02	2024/10/21	2024/10/28 2024/11/02	2024/10/21	2024/10/28 2024/11/02	0 days 0 days	0		I I	 		I I	2x carpenter 2x carpenter			
337 Concreting	g	1 day	2024/11/01	2024/11/01	2024/11/01	2024/11/01	2024/11/01	2024/11/01	0 days	0		 			 	Concrete gar			 
338 SHT.CP10A~5	SHT.CP10,750CU(HD-G),L=26.7	39 days			2024/11/02	2024/12/10	2024/11/02		0 days	■ In action *	Milostor -		D=#1	only	- 1	Start only	Fort1 8 4 7	one Project Currence	
Revision.: 1.4 Date: 2	Task 25 September 2023 Critical Task			Milestone Summary	•		Rolled Up C  Rolled Up N		<b>♦</b>	Inactive M Inactive S			Duration Manual	-only Summary Rollup ♦		Start-only Finish-only	External Milest  Split	one Project Summary Group By Summary	
	Progress	***************************************		Rolled Up Tas	k 🔣		Rolled Up P			- Manual T	,	\$		Summary •		External Tasks	€xternal Tasks	Deadline &	•
	1						•												

		WING TAT CIVIL ENGINEERING CO LTD CONTRACT NO. DC/2022/02 - DRAINAGE IMPROVEMENT WORKS AT YUEN LONG - STAGE 2	2
ID Task	Name	Duration Start Finish Early Start Early Finish Late Start Late Finish Total Slack TRA Half 1 2023, Half 2 2024, Half 1 A M J J A S O N D J F M A M J	2024, Half 2 2025, Half 1 2025, Half 2 2026, Half 1 2026, Half 2 J A S O N D J F M A M J J A S O N D
339	Excavation and Lateral Support	14 days 2024/11/02 2024/11/15 2024/11/02 2024/11/15 2024/11/15 024/11/15 0 days 0	lx Excavator
34 0 34 1	Formwork Erection  Catchpit construcion	15 days 2024/11/14 2024/11/28 2024/11/28 2024/11/28 2024/11/28 00 days 0 14 days 2024/11/27 2024/12/10 2024/11/27 2024/12/10 2024/11/27 2024/12/10 0 days 0	in α carpenter in α carpenter
342	Concreting	1 day 2024/12/09 2024/12/09 2024/12/09 2024/12/09 2024/12/09 2024/12/09 0 days 0	Cohcrete gang
343 344	SHT.CP10~SHT.CP9, 750CU(HD-G), L=4.3  Excavation and Lateral Support	17 days 2024/12/10 2024/12/26 2024/12/10 2024/12/26 2024/12/10 2024/12/26 0 days 6 days 2024/12/10 2024/12/15 2024/12/10 2024/12/15 2024/12/15 0 days 0	1x Excavator
345	Formwork Erection	8 days 2024/12/14 2024/12/21 2024/12/14 2024/12/21 2024/12/14 2024/12/14 0 days 0	2x carpenter
34 6 34 7	Catchpit construcion Concreting	7 days 2024/12/20 2024/12/26 2024/12/20 2024/12/26 2024/12/20 2024/12/26 0 days 0 1 day 2024/12/25 2024/12/25 2024/12/25 2024/12/25 2024/12/25 2024/12/25 0 days 0	Zx carpenter Concrete gang
348	SHT.CP9~SHT.CP8,600CU(HD-G),L=33.7	45 days 2024/12/26 2025/02/08 2024/12/26 2025/02/08 2024/12/26 2025/02/08 0 days	
349 350	Stage 1  Excavation and Lateral Support	24 days 2024/12/26 2025/01/18 2024/12/26 2025/01/18 2024/12/26 2025/01/18 0 days  8 days 2024/12/26 2025/01/02 2024/12/26 2025/01/02 2024/12/26 2025/01/02 0 days 0	1x Excavator
351	Formwork Erection	10 days 2025/01/01 2025/01/10 2025/01/10 2025/01/10 2025/01/10 0 days 0	x carpenter
352 353	Catchpit construcion Concreting	10 days 2025/01/09 2025/01/18 2025/01/09 2025/01/18 2025/01/09 2025/01/18 0 days 0 1 day 2025/01/17 2025/01/17 2025/01/17 2025/01/17 2025/01/17 0 days 0	₹ 2x carpent er Concrete gang
354	Stage 2	22 days 2025/01/18 2025/02/08 2025/01/18 2025/02/08 2025/01/18 2025/02/08 0 days	
355 356	Ex cavation and Lateral Support Formwork Erection	8 days 2025/01/18 2025/01/25 2025/01/18 2025/01/25 2025/01/25 2025/01/25 0 days 0 10 days 2025/01/24 2025/02/02 2025/01/24 2025/02/02 2025/01/24 2025/02/02 0 days 0	1x Excavator 2x carpenter
357	Catchpit construcion	8 days 2025/02/01 2025/02/08 2025/02/01 2025/02/08 2025/02/08 2025/02/08 0 days 0	2x carpenter
358 359	Concreting Connection of ex. 300CU to SHT.CP8	1 day 2025/02/07 2025/02/07 2025/02/07 2025/02/07 2025/02/07 0 days 0	Concrete gang
	SHT.CP8~ SHT.CP7, 600CU(HD-G),L=8.5	28 days 2025/02/06 2025/03/05 2025/02/06 2025/03/05 2026/06/30 2026/06/37 509 days 0  17 days 2025/02/08 2025/02/24 2025/02/08 2025/02/24 2025/02/24 2025/02/24 00 days	
361	Excavation and Lateral Support	6 days 2025/02/08 2025/02/13 2025/02/18 2025/02/13 2025/02/13 0 days 0	1x Excavator
362 363	Formwork Erection  Catchpit construcion	8 days 2025/02/12 2025/02/19 2025/02/12 2025/02/19 2025/02/19 2025/02/19 0 days 0 7 days 2025/02/18 2025/02/24 2025/02/18 2025/02/24 2025/02/24 0 days 0	🥳 2x carpenter 🛣 2x carpenter
364	Concreting	1 day 2025/02/23 2025/02/23 2025/02/23 2025/02/23 2025/02/23 2025/02/23 00 days 0	Concrete gang
365 366	Reconstruction of U/S end wall  SHT.CP7~ SHT.CP6, 600CU(HD-G), L=130.8	21 days 2025/02/22 2025/03/14 2025/02/22 2025/03/14 2026/07/07 2026/07/27 500 days 0  141 days 2025/02/24 2025/07/14 2025/02/24 2025/07/14 2025/02/24 2025/07/14 0 days	
367	Stage 1	29 days 2025/02/24 2025/03/24 2025/02/24 2025/03/24 2025/03/24 2025/02/24 2025/03/24 0 days	
368 369	Excavation and Lateral Support Formwork Erection	10 days 2025/02/24 2025/03/05 2025/02/24 2025/03/05 2025/02/24 2025/03/05 025/02/25 00 days 0 12 days 2025/03/04 2025/03/15 2025/03/04 2025/03/15 2025/03/15 025/03/15 0 days 0	1x Excavator x 2x carpenter
370	Catchpit construcion	11 days 2025/03/14 2025/03/24 2025/03/14 2025/03/24 2025/03/24 2025/03/24 00 days 0	2x carpenter
371 372	Concreting Stage 2	1 day 2025/03/23 2025/03/23 2025/03/23 2025/03/23 2025/03/23 2025/03/23 2025/03/23 0 days 0 29 days 2025/03/24 2025/04/21 2025/03/24 2025/04/21 2025/03/24 2025/04/21 0 days	Concrete gang
373	Ex cavation and Lateral Support	10 days 2025/03/24 2025/04/02 2025/03/24 2025/04/02 2025/04/02 025/03/24 2025/04/02 0 days 0	1x Excavator
374 375	Formwork Erection Catchpit construcion	12 days 2025/04/01 2025/04/12 2025/04/01 2025/04/12 2025/04/12 2025/04/12 0 days 0 11 days 2025/04/11 2025/04/21 2025/04/21 2025/04/21 2025/04/21 0 days 0	₹ 2x carpenter 2x
376	Catcopit construction  Concreting	1 day 2025/04/20 2025/04/20 2025/04/20 2025/04/20 2025/04/20 2025/04/20 0 days 0	Concrete gang
377	Stage 3	29 days 2025/04/21 2025/05/19 2025/04/21 2025/05/19 025/04/21 2025/05/19 0 days	
378 379	Excavation and Lateral Support Formwork Erection	10 days 2025/04/21 2025/04/30 2025/04/21 2025/04/30 2025/04/30 025/04/30 0 days 0 12 days 2025/04/29 2025/05/10 2025/04/29 2025/05/10 2025/04/29 2025/05/10 0 days 0	2x carpenter
380	Catchpit construcion	11 days 2025/05/09 2025/05/19 2025/05/09 2025/05/19 2025/05/19 025/05/19 0 days 0	2x carpenter
381 382	Concreting Stage 4	1 day 2025/05/18 2025/05/18 2025/05/18 2025/05/18 2025/05/18 2025/05/18 2025/05/18 0 days 0 29 days 2025/05/19 2025/06/16 2025/05/19 2025/06/16 2025/05/19 0 2025/06/16 0 days	Concrete gang
383	Ex cavation and Lateral Support	10 days 2025/05/19 2025/05/28 2025/05/19 2025/05/28 2025/05/28 2025/05/19 2025/05/28 0 days 0	1x Excavator
384 385	Formwork Erection Catchpit construcion	12 days 2025/05/27 2025/06/07 2025/05/27 2025/06/07 20255/06/07 2025/05/27 2025/06/07 0 days 0 11 days 2025/06/06 2025/06/16 2025/06	2x carpenter
386	Concreting	1 day 2025/06/15 2025/06/15 2025/06/15 2025/06/15 2025/06/15 2025/06/15 0 days 0	Concrete gang
387 388	Stage 5 Excavation and Lateral Support	29 days 2025/06/16 2025/07/14 2025/06/16 2025/07/14 2025/06/16 2025/07/14 0 days  10 days 2025/06/16 2025/06/25 2025/06/16 2025/06/25 2025/06/25 0 days 0	1x Excavator
389	Formwork Erection	12 days 2025/06/24 2025/07/05 2025/06/24 2025/07/05 2025/06/24 2025/07/05 0 days 0	2x carpenter
390 391	Catchpit construcion Concreting	11 days 2025/07/04 2025/07/14 2025/07/04 2025/07/14 2025/07/14 2025/07/14 0 days 0 1 day 2025/07/13 2025/07/13 2025/07/13 2025/07/13 2025/07/13 0 days 0	2x carpenter
392	Connection of ex. 400CU to SHT.CP6	28 days 2025/07/12 2025/08/08 2025/07/12 2025/08/08 2026/06/30 2026/07/27 353 days 0	
393 394	SHT.CP6~ SHT.CP5, 600CU(HD-G), L=24.1  Excavation and Lateral Support	36 days 2025/07/14 2025/08/18 2025/07/14 2025/08/18 2025/07/14 2025/07/26 2025/07/26 2025/07/26 2025/07/26 0 days 0 13 days 2025/07/14 2025/07/26 2025/07/26 2025/07/26 0 days 0	1x Excavator
395	Formwork Erection	14 days 2025/07/25 2025/08/07 2025/07/25 2025/08/07 2025/08/07 0 days 0	2x carpenter
396 397	Catchpit construcion Concreting	13 days 2025/08/06 2025/08/18 2025/08/06 2025/08/18 2025/08/06 2025/08/18 0 days 0 1 day 2025/08/17 2025/08/17 2025/08/17 2025/08/17 2025/08/17 0 days 0	2x carpenter Concrete gang
398	Connection of ex. 400CU to SHT.CP5	28 days 2025/08/16 2025/08/16 2025/08/16 2025/08/16 2026/06/30 2026/07/27 318 days 0	
399 400	SHT.CP5~SHT.CP4, 600CU(HD-G), L=73.9 Stage 1	85 days 2025/08/18 2025/11/10 2025/08/18 2025/11/10 2025/08/18 2025/11/10 0 days 29 days 2025/08/18 2025/09/15 2025/08/18 2025/09/15 2025/08/18 2025/09/15 0 days	
401	Excavation and Lateral Support	29 days 2025/08/18 2025/08/18 2025/08/18 2025/08/18 2025/08/17 2025/08/27 00 days 0	1x Excavator
402 403	Formwork Erection	12 days 2025/08/26 2025/09/06 2025/08/26 2025/09/06 2025/08/26 2025/09/06 0 days 0	2x carpenter
403	Catchpit construcion Concreting	11 days 2025/09/05 2025/09/15 2025/09/05 2025/09/15 2025/09/15 2025/09/15 0 days 0 1 day 2025/09/14 2025/09/14 2025/09/14 2025/09/14 2025/09/14 2025/09/14 0 days 0	Concrete gang
405	Stage 2	29 days 2025/09/15 2025/10/13 2025/09/15 2025/10/13 2025/09/15 2025/10/13 0 days	1x Excavator
406 407	Excavation and Lateral Support Formwork Erection	10 days 2025/09/15 2025/09/24 2025/09/15 2025/09/24 2025/09/24 2025/09/24 00 days 0 12 days 2025/09/23 2025/10/04 2025/09/23 2025/10/04 2025/09/23 2025/10/04 0 days 0	x excavator  Zx carpenter
408	Catchpit construcion	11 days 2025/10/03 2025/10/13 2025/10/03 2025/10/03 2025/10/03 2025/10/13 0 days 0	2x carpenter
409 410	Concreting Stage 3	1 day 2025/10/12 2025/10/12 2025/10/12 2025/10/12 2025/10/12 2025/10/12 00 days 0 29 days 2025/10/13 2025/11/10 2025/11/10 2025/11/10 2025/11/10 0 days	Concrete gang
411	Ex cavation and Lateral Support	10 days 2025/10/13 2025/10/22 2025/10/13 2025/10/22 2025/10/23 2025/10/22 0 days 0	1x Excavator
412 413	Formwork Erection Catchpit construcion	12 days 2025/10/21 2025/11/01 2025/10/21 2025/11/01 2025/11/01 2025/10/21 2025/11/01 0 days 0 11 days 2025/10/31 2025/11/10 2025/11/10 2025/11/10 2025/11/10 0 days 0	2x carpenter
414	Concreting	1 day 2025/11/09 2025/11/09 2025/11/09 2025/11/09 2025/11/09 2025/11/09 0 days 0	Concrete gang
415 416	Connection of ex. 450CU to SHT.CP4 SHT.CP4~End,525CU(HD-G),L=82.3	28 days 2025/11/08 2025/12/05 2025/11/08 2025/12/05 2026/06/30 2026/07/27 234 days 0 79 days 2025/11/10 2026/01/27 2025/11/10 2026/01/27 2025/11/10 2026/01/27 0 days	
417	Stage 1	27 days 2025/11/10 2025/12/06 2025/11/10 2025/12/06 2025/11/10 2025/12/06 0 days	
418 419	Excavation and Lateral Support Formwork Erection	10 days 2025/11/10 2025/11/19 2025/11/19 2025/11/19 2025/11/19 025/11/19 0 days 0 11 days 2025/11/18 2025/11/28 2025/11/28 2025/11/28 2025/11/28 00 days 0	1
420	Catchpit construcion	10 days 2025/11/27 2025/12/06 2025/11/27 2025/12/06 2025/11/27 2025/12/06 0 days 0	₹ 2x çarpenter
421 422	Concreting	1 day 2025/12/05 2025/12/05 2025/12/05 2025/12/05 2025/12/05 2025/12/05 0days 0 27 days 2025/12/06 2026/01/01 2025/12/06 2026/01/01 2025/12/06 2026/01/01 0days	Concrete gang
422	Stage 2 Excavation and Lateral Support	27 days         2025/12/06         2026/01/01         2025/12/06         2026/01/01         2025/12/06         2025/12/06         2025/12/15         0 days           10 days         2025/12/06         2025/12/15         2025/12/15         2025/12/15         2025/12/15         0 days         0	1x Excavator
424	Formwork Erection	11 days 2025/12/14 2025/12/24 2025/12/14 2025/12/24 2025/12/24 2025/12/14 00 days 0	2x carpenter  2x carpenter
425 426	Catchpit construcion Concreting	10 days   2025/12/23   2026/01/01   2025/12/23   2026/01/01   2025/12/23   2026/01/01   0 days   0   1 day   2025/12/31   2025/12/31   2025/12/31   2025/12/31   2025/12/31   2025/12/31   2025/12/31   0 days   0	x carpenter Concrete gang
427	Stage 3	27 days 2026/01/01 2026/01/27 2026/01/01 2026/01/27 2026/01/27 2026/01/27 0 days	
428 429	Ex cavation and Lateral Support Formwork Erection	10 days 2026/01/01 2026/01/10 2026/01/10 2026/01/10 2026/01/10 2026/01/10 0 days 0 11 days 2026/01/09 2026/01/19 2026/01/09 2026/01/19 2026/01/19 0 days 0	X 1x Excavator 2x carpenter
	- Task		Start-only External Milestone Project Summary
Revision.: 1.4	Date: 25 September 2023 Critical Task	Milestone   Rolled Up Milestone   Inactive Milestone   Duration-only  Manual Summary Rollup   Manual Summary Rollup   Manual Summary Rollup   Manual Summary Rollup   Manual Summary Rollup   Manual Summary Rollup   Manual Summary Rollup   Manual Summary Rollup   Manual Summary Rollup   Manual Summary   Manual Summary Rollup   Manual Summary   M	Finish-only Split Group By Summary
	Progress	Rolled Up Task  Rolled Up Task  Rolled Up Progress  Manual Task  Manual Task	External Tasks $\diamond$ External Tasks William Deadline $+$
		Page 13	<u> </u>
ain: {\ I/S}~\D/S	S},size+type,bedding,length(m),depth(m)		

#### WING TAT CIVIL ENGINEERING CO LTD

									CC	ONTRACT	NO. DC/2022/02 - DRAINAGE IMPR		/UEN LONG - STAGE 2					
ID Ta	sk Name	Duration	Start	Finish	Early Start	Early Finish	Late Start	Late Finish	Total Slack	TRA	Half 1 2023, F	alf 2 O N D J I	2024, Half 1 - M A M J J	2024, Half 2 A S O N D	2025, Half 1 J F M A M J	2025, Half 2 J A S O N D J	2026, Half 1	2026, Half 2 J   A   S   O   N   D   J
430	Catchpit construcion	10 days	2026/01/18	2026/01/27	2026/01/18	2026/01/27	2026/01/18	2026/01/27	0 days	0							2x carpenter	
431	Concretina	1 day	2026/01/26	2026/01/26	2026/01/26	2026/01/26	2026/01/26	2026/01/26	0 days	0	1 : :						Concrete gang	

´T ask Milestone Rolled Up Critical Task Inactive Milestone Duration-only Start-only External Milestone Project Summary Date: 25 September 2023 Critical Task Summary Rolled Up Milestone 🔷 Inactive Summary Manual Summary Rollup 🔷 Finish-only **−▼** Split Group By Summary Rolled Up Progress —— Manual Summary • Progress Rolled Up Task — Manual Task  $\Diamond$ External Tasks External Tasks Deadline Drain: {U/S}~{D/S},size+type,bedding,length(m),depth(m)
U-Channel: {U/S}~{D/S},size+type,length(m)

Appendix 1.2	Project Organization Chart	

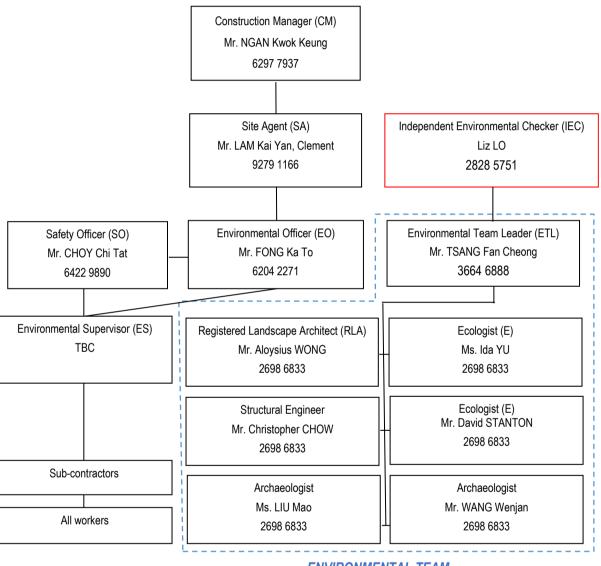
#### Appendix 1

### Wing Tat Civil Engineering Co. Ltd

Contract No. : DC/2022/02

Drainage Improvement Works at Yuen Long - Stage 2

#### Organization Chart of Environment Management (updated on 03-01-2024)



**ENVIRONMENTAL TEAM** 

Appendix 1.3	Implementation Status of Environmental Mitigation Measure

Drainage Improvement Works Near Four Villages in Yuen Long – Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che Monthly EM&A Report



Environmental Mitigation Implementation Schedule (EMIS)

# Air Quality Impact Implementation Schedule of Recommended Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
Constru	ction Phase						
S.3.8.1	S.3.2.3	All the dust control measures as recommended in the Air Pollution Control (Construction Dust) Regulation, where applicable, should be implemented. Typical dust control measures include:	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Implemented
S.3.8.1	S.3.2.3	Proper and regular watering should be provided for all exposed and excavated work sites.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Implemented
S.3.8.1	S.3.2.3	Open stockpiles should be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Implemented
S.3.8.1	S.3.2.3	All excavated or stockpile of dusty materials should be entirely covered by impervious sheeting or sprayed with water to ensure that the entire surface is wet. They should be sprayed with water immediately prior to any loading or transfer activities. These materials should be removed, backfilled or reinstated where practicable.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Deficiency of Mitigation Measures but rectified by the Contractor



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.3.8.1	S.3.2.3 •	After the removal of stockpiles, the remaining dusty material should be sprayed with water and cleared from the surface of roads. Stockpiling areas of dusty materials should not be extended beyond the pedestrian barriers, fencing or traffic cones.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Implemented
S.3.8.1	S.3.2.3 •	At locations with proposed open excavation and reinstatement works, hoarding of not less than 2.4 m from ground level should be provided along the entire length of that portion of the site boundary except for a site entrance or exit. The contractor should ensure that the hoardings are well maintained throughout the entire construction period.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Implemented
S.3.8.1	S.3.2.3 •	Vehicles used for the transportation of dusty materials/ spoils should be covered with tarpaulin or similar material. The cover should extend over the edges of the sides and tailboards.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Implemented
S.3.8.1	S.3.2.3 •	Vehicle wheel washing facilities will be provided at exit of the works site. The areas where vehicle wheel washing activities are carried out and the section of the construction site between the vehicle washing facilities and the exit should be paved with concrete or bituminous materials.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Implemented
S.3.8.1	S.3.2.3 •	Where possible, routing of vehicles and position of construction plant should be at the maximum possible distance from ASRs.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Implemented



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.3.8.1	S.3.2.3	<ul> <li>All demolished materials that may generate dust should be covered entirely by impervious sheeting or placed in a covered area with the top and three sides enclosed within a day of demolition.</li> </ul>	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Construction Dust) Regulation	Implemented
S.3.8.1	S.3.2.3	At construction works areas where demolition takes place, water or dust suppression chemicals should be sprayed prior to, during and immediately after the demolition activities to ensure that the top surface remains wet.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Annex 4 and Annex 12 of EIAO -TM, Air Pollution Control (Construction Dust) Regulation	Implemented
S.3.8.1	S.3.2.3	The requirements stipulated in the Development Bureau Technical Circular (Works) No. 8/2010 Enhanced Specification for Site Cleanliness and Tidiness should be followed as far as practicable to enhance the cleanliness and tidiness of construction sites.	Air Quality (fugitive dust) Control during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Development Bureau Technical Circular (Works) No. 8/2010 Enhanced Specification for Site Cleanliness and Tidiness	Implemented
S.3.8.1	S.3.2.3	NRMMs should be approved or exempted with a label issued by EPD. The label should be displayed at a conspicuous position of the machine or vehicle. Nonroad vehicles are required to meet the Euro V emission standards and smoke requirements as stipulated under the Air Pollution Control (Vehicle Design Standards) (Emission) Regulation.	Emission from NRMM during Construction Phase	Contractor(s)	At all construction areas of the site during the entire construction period	Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation	Implemented



	EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
5	5.3.8.1	S.3.2.3	<ul> <li>The works at overlapping section are recommended to be scheduled to avoid works at the areas near Fan Kam Road.</li> <li>The Contractor shall liaise with No. CE 61/2012 (HY) – Improvement to Fan Kam Road – Investigation contractors so as to avoid undertaking works concurrently with the works from CE 61/2012 Project when they are in the close proximity. As a conservative approach, works for drainage improvement shall be carried when the works from the No. CE 61/2012 project is over 500 m away.</li> </ul>	Prevent potential cumulative construction air quality impacts	Contractor(s)	At all construction areas of the site for Ha Che during the entire construction period	-	Implemented

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Environmental Mitigation Implementation Schedule (EMIS)

# Noise Impact – Implementation Schedule of Recommended Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
Constru	ction Phase						
S.4.6.6	S. 4.8.1	Use of quiet PMEs and smaller sized of PMEs as practicable.	Noise control during construction	Contractor(s)	Construction areas near the specified locations during the construction period	EIAO-TM and NCO	Implemented
S.4.6.7	S. 4.8.1	Use of quiet PME for generator, mobile crane and excavator, wheeled/ tracked.	Noise control during construction	Contractor(s)	Construction areas near the specified locations during the construction period	EIAO-TM and NCO	Implemented
S.4.6.8	S. 4.8.1	The Contractor should be responsible for the design of temporary/ movable noise barriers with consideration of the size of PME and the requirements of intercepting the line of sight between the noise sensitive receivers and PME.	Noise control during construction	Contractor(s)	Construction areas near the specified locations during the construction period	EIAO-TM and NCO	Implemented



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.4.7.1	S. 4.8.1	<ul> <li>The Contractor shall adopt the Code of Practice on Good Management Practice to Prevent Violation of the NCO (Cap. 400) (for Construction Industry) published by the EPD;</li> <li>The Contractor shall observe and comply with the statutory and non-statutory requirements and guidelines;</li> <li>Before commencing any work, the Contractor shall submit to the Environmental Review for approval the method of working, equipment and noise mitigation measures intended to be used at the site;</li> <li>The Contractor shall devise and execute working methods to minimise the noise impact on the identified surrounding sensitive uses, and provide experienced personnel with suitable training to ensure that those methods are implemented;</li> <li>Noisy equipment and noisy activities should be located as far away from the NSR's as is practical;</li> <li>Machines and plant (such as dump truck, vibratory compactor, lorry, cranes) that may be intermitted use should be shut down between work periods or should be throttled down to a minimum. Additionally, the combined use of noisy equipment/ machines should be avoided, when possible;</li> </ul>	Noise control during construction	Contractor(s)	At all construction areas of the site during the entire construction period	EIAO-TM and NCO	Implemented



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
		<ul> <li>Only well-maintained plant should be operated on-site and plants should be serviced regularly during the construction programme;</li> <li>Silencers, mufflers or acoustic treatment mats on construction equipment should be utilised and properly maintained during the construction duration;</li> <li>Plants known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs; and</li> <li>Material stockpiles and other structures should be effectively utilised as noise barriers, where practicable.</li> </ul>					
S.4.7.2	S. 4.8.1	The Contractor shall, from time to time, be aware of the noise impacts on the surrounding NSRs through adequate noise monitoring during the works so that adjustments can be made to the number of plants used for any construction activity and the corresponding plant positioning. These requirements shall be incorporated into the project works contract.	Noise control during construction	Contractor(s)	At all construction areas of the site during the entire construction period	EIAO-TM and NCO	Implemented

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Environmental Mitigation Implementation Schedule (EMIS)

# Ecological Impact – Implementation Schedule of Recommended Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
Construct	tion Phase						
S.5.9.2	S.5.2.1	The section of watercourse with construction activities should be hydrologically isolated from the rest of the watercourse as far as practicable (except discharge of treated runoff).	Ecological – to avoid and minimize the spatial impact/ disturbance to the riverine habitat	Contractor(s)	During construction at all sites	EIA, contractual requirements	Implemented
S.5.9.2	S.5.2.1	The staged construction activities should be commenced from upstream and progresses toward the downstream area and the reinstatement work especially the planting of riparian vegetation should also be undertaken in stages and commenced as soon as the hardscape work completed in the working section	Ecological – to avoid and minimize the spatial impact and shorten the temporal disturbance to the riverine habitat	Contractor(s)	During construction at all sites	EIA, contractual requirements	Implemented



EIA Ref. EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.5.9.3 S.5.2.2	<ul> <li>Effective implementation of an Environmental Management Systems in accordance with the ISO 14001 for all work sites;</li> <li>Effective implementation of mitigation measures recommended for dust suppression, noise reduction, as well as water quality and waste management as detailed in other sections of the EIA Report.</li> <li>Effective implementation of the Tree Preservation Measures as detailed in the guidelines published by the Tree Management Office.</li> <li>Staff awareness training on the ecological importance of the riverine habitats and inhabited wildlife, as well as briefing on the mitigation measures recommended in the EIA Report.</li> <li>Well defined and fenced Work Area to prevent intentional or accidental encroachment or trespassing into the adjacent habitats for access, parking and operation of plants/ machineries, as well as stockpiling of construction material or waste;</li> <li>Fence off any potentially ecologically sensitive resources within the work area with warning signpost;</li> <li>Water diversion by means of submerged water pump should be avoided as far as practicable to prevent obstruction of wildlife movement along the channel;</li> </ul>	Ecological – to avoid or minimize the potential disturbance to the habitats and wildlife inhabited within or adjacent to the work sites	Contractor(s)	During construction at all sites	EIA, contractual requirements	Implemented



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
		<ul> <li>Waste and refuse should be stored or dumped in appropriate receptacles and onsite burning of waste should be strictly prohibited;</li> <li>Excavated material should be properly covered or promptly disposed of, and opportunities to stockpile and backfill the topsoil should be explored;</li> <li>No chemical should be stockpiled on-site until absolutely necessary;</li> <li>On-site maintenance of plant/ machineries/ vehicle should be avoided as far as practicable;</li> <li>Silt/ Sediment/ Oil traps should be installed to avoid direct discharge of effluent or site run-off;</li> <li>Regular ecological checks;</li> <li>Cut down of vegetation during site clearance should be in stages before groundwork takes place as such to disperse any wildlife that is sheltering in the immediate area; and</li> <li>minimise vehicle access.</li> </ul>					

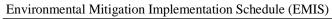


EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.5.9.4	S.5.2.10	The construction work in Tai Wo should be scheduled in the dry season and sandbags or other similar facilities should be placed along the southern boundary of the work site to prevent any accidental discharge of untreated effluent into the buffered grassland and EIS under adverse weather condition. In addition, discharge of any treated or untreated effluent, either by means of soakaway or direct discharge to nearby waterways, should be directed away from the grassland buffer and the EIS. The above measure should be audited regularly as part of the routine site inspection undertaken by the ET.	Ecological – to avoid and minimize any potential impact to the Cheung Po EIA from site discharge	Contractor(s)	Tai Wo	EIA, contractual requirements	Implemented
S.5.9.6 to 5.9.7	S.5.2.7, 5.2.8	A detail survey to update the abundance and distribution of the endemic freshwater crabs within the project site (include the original watercourse which will be cut-off at Ha Che and Lin Fa Tei, inclusive of a receptor site search for the preparation of a "Freshwater Crab Translocation Plan", in which the whole process including logistic arrangement should be detailed for the approval of AFCD.	Ecological – to avoid/ minimize the direct impact to the local population of these two endemic freshwater crab species	Engineer	Lin Fa Tei and Ha Che, before the commencement of the construction work	EIA, contractual requirements	Implemented, EPD advised no comment on the FCTP on 9 Feb 2024
S.5.9.6 to 5.9.7	S.5.2.9	Capture and translocate two endemic freshwater crabs and undertake post-translocation monitoring programme in accordance to the approved "Freshwater Crab Translocation Plan".	Ecological – to avoid/ minimize the direct impact to the local population of these two endemic freshwater crab species.	Contractor, ET	Lin Fa Tei and Ha Che, within one month before the commencement of the construction work	EIA, contractual requirements	Implemented, pro- construction surveies at Ha Che and Lin Fa Tei were completed between 5 and 7 Feb 2024 and 11 and 13 Mar 2024 respectively



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.5.9.6 to 5.9.8	S.5.2.9	Before the commencement of a construction work in a new section, the site should be inspected by the ecologist to confirm no inhabitation of the two freshwater crab species.	Ecological – to avoid/ minimize the direct impact to the local population of these two endemic freshwater crab species	Contractor, ET	Lin Fa Tei and Ha Che, within one month before the commencement of the construction work	EIA, contractual requirements	Implemented
S.5.9.9	S.5.2.4	The Aquilaria sinensis (seedling) within the site boundary at Sung Shan New Village to be protected and retained during construction in accordance with DEVB TCW No. 4/2020 Tree Preservation	Ecological – to preserve the floral species of conservation concern	Engineer	Sung Shan New Village	EIA, contractual requirements	To be implemented, since the construction work at Sung Shan New Village is not commenced yet
S.5.9.13- 5.9.19	S.5.2.15	Restoration of wildlife habitat by ecological habitat and niche that could promote colonisation of aquatic wildlife during the reinstatement of embankment and channel bed	Ecological – to compensate for the loss of wildlife habitat especially the two endemic freshwater crab species	Contractor(s)	All sites during construction	EIA, contractual requirements	The restoration and planting works will be conducted after the completion of construction work at Ha Che, Lin Fa Tei and Sung Shan New Village

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#### Water Quality Impact – Implementation Schedule of Recommended Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
Constru	ction Phase						
S.6.7.2	S.6.2.3	<ul> <li>The mitigation measures should cover, but not limited to the following Best Management Practices:</li> <li>Sand/ silt removal facilities such as sand traps, silt traps and sediment basins should be provided to remove sand/ silt particles from runoff to meet the requirements of the Technical Memorandum standards under the WPCO. The design of silt removal facilities should be based on the guidelines provided in ProPECC PN 2/23. All drainage facilities and erosion and sediment control structures should be inspected monthly and maintained to ensure proper and efficient operation at all times and particularly during rainstorms.</li> <li>Work programmes should be designed to minimize the size of work areas to minimize the soil exposure soil and reduce the potential for increased siltation and runoff;</li> <li>Boundaries of earthworks should be marked and surrounded by dykes or embankments for flood protection, as necessary;</li> <li>Silt removal facilities, channels and manholes should be maintained and cleaned regularly to ensure the proper function;</li> <li>Water pumped out from excavations should be discharged into silt removal facilities;</li> </ul>	Water quality control during construction	Contractor(s)	At all construction areas of the site during the entire construction period	WPCO and ProPECC PN 2/23	Implemented, WPCO license is under application



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
		<ul> <li>Careful programming of the works to minimize soil excavation during the rainy season. If excavation of soil cannot be avoided during the wet season (April to September), exposed slope surfaces should be covered by a tarpaulin or other means. Other measures that need to be implemented before, during, and after rainstorms are summarized in ProPECC PN 2/23;</li> <li>Earthwork surfaces should be well compacted and the subsequent permanent work or surface protection should be carried out immediately after the final surfaces are formed;</li> <li>Wastewater generated from the washing down of mixer trucks and drum mixers and similar equipment should wherever practicable be recycled. The discharge of wastewater should be kept to a minimum;</li> <li>To prevent pollution from wastewater overflow, the pump sump of any water recycling system should be provided with an on-line standby pump of adequate capacity and with automatic alternating devices;</li> </ul>					



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
		<ul> <li>Under normal circumstances, surplus wastewater may be discharged into foul sewers after treatment in silt removal and pH adjustment facilities (to within the pH range of 6 to 10). Disposal of wastewater into storm drains will require more elaborate treatment. Surface run-off should be segregated from the concrete batching plant and casting yard area as much as possible, and diverted to the stormwater drainage system. Surface run-off contaminated by materials in a concrete batching plant or casting yard should be adequately treated before disposal into stormwater drains;</li> <li>Open stockpiles of construction materials on site should be covered with tarpaulin or similar fabric during rainstorms.</li> </ul>					
S.6.7.4	\$6.2.3	The guidelines stipulated in the ProPECC PN 2/23 "Construction Site Drainage" issued by the EPD should be followed to minimise the potential water quality impacts. Good housekeeping and stormwater best management practices, as detailed below, should be implemented to ensure that all construction runoff are well controlled to minimise the water quality impacts that arise due to the construction works of the Project.	Water quality control during construction	Contractor(s)	At all construction areas of the site during the entire construction period	WPCO and ProPECC PN 2/23	Implemented, WPCO license is under application



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
		<ul> <li>Flood protection such as dikes or embankments should be provided around the boundaries of earthwork areas. Temporary ditches should be provided as appropriate to facilitate the runoff discharge into drainage system, through a silt/ sediment trap. The silt/ sediment traps should be incorporated in the permanent drainage channels to enhance deposition rates;</li> <li>Construction works should be programmed to avoid surface excavation works during the rainy seasons (April to September). All exposed earth areas should be completed and vegetated as soon as possible after earthworks have been completed. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means;</li> <li>All drainage facilities and erosion and sediment control structures, if any, should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly following rainstorms;</li> <li>Deposited silt and grit should be removed regularly and disposed of by spreading evenly over stable, vegetated areas;</li> </ul>					

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EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
		<ul> <li>All open stockpiles of construction materials (for example, aggregates, sand and fill material) should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system; 3Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and storm runoff being directed into foul sewers;</li> <li>Precautions to be taken at any time of year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecasted, and actions to be taken during or after rainstorms are summarized in Appendix A2 of ProPECC PN 2/23. Particular attention should be paid to the control of silty surface runoff during storm events;</li> </ul>					



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
		<ul> <li>All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facilities should be provided at every construction site exit where practicable. Wash-water should have sand and silt settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-washing bay to the public road should be paved with sufficient backfall toward the wheel-washing bay to prevent vehicle tracking of soil and silty water to public roads and drains;</li> <li>Oil interceptors should be provided in the drainage system downstream of any oil/ fuel pollution sources as far as possible. The oil interceptors, if any, should be emptied and cleaned regularly to prevent the release of oil and grease into the storm water drainage system after accidental spillage;</li> <li>Construction solid waste, debris and rubbish on site should be collected, handled and disposed of properly to avoid water quality impacts;</li> <li>All fuel tanks and storage areas should be provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to prevent spilled fuel oils from reaching water sensitive receivers nearby.</li> </ul>					



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.6.7.5	S.6.2.3	Maintenance of vehicles and equipment involving activities with potential for leakage and spillage is expected to be carried out off-site and should only be undertaken within areas appropriately equipped to control these discharges.	To control the effluent discharge during construction	Contractor(s)	At all construction areas of the site during the entire construction period	WPCO	Deficiency of Mitigation Measures but rectified by the Contractor
S.6.7.6	S.6.2.3	Contractor shall apply for a discharge license under WPCO.	To control the effluent discharge during construction	Contractor(s)	At all construction areas of the site during the entire construction period	WPCO	WPCO license is under application





EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.6.7.7 & S.6.7.8	S.6.2.3	<ul> <li>Portable chemical toilets and/ or sewage holding tanks should be provided for handling the construction sewage generated by the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets to cater to 0.15 m³/day/worker of sewage and be responsible for appropriate disposal and maintenance.</li> <li>Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment during the construction phase of the project. Regular environmental audit on the construction site should be conducted to provide an effective control of any malpractices and achieve continual improvement of environmental performance on site. It is anticipated that sewage generation during the construction phase of the project would not cause water quality impact after undertaking all required measures.</li> </ul>	To control sewage generation during construction	Contractor(s)	At all construction areas of the site during the entire construction period	WPCO and Waste Disposal Ordinance	Implemented



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.6.7.10 S.6 - S.6.7.15	.6.2.3	<ul> <li>Due to the characteristics of narrow width and small water flow of the existing channel, the excavation should be carried out in dry condition (even in wet season) by diverting the stream flow from upstream by a temporary drainage channel with a temporary sheet piles, earth bund or barrier so that the works area will remain dry for later excavation and widening works;</li> <li>The temporary drainage channel would be backfilled when the construction works are completed or the temporary diversion is no longer required. Although flooding of the proposed contaminant section seldom occurs in dry season, the excavation would consider to suspend when flood water enters the containment causing leakage of runoffs to stream water;</li> <li>After dewatering of the streams, the sediments should be allowed to dry before excavation (yet still maintain a moist state to avoid dust nuisance). This will facilitate excavation of the sediments and also minimize the risk of drained water flowing back into watercourses or diversion channels as the sediment is handled. Where time or weather constraints require handling of wet sediment, care should be taken in the removal of sediment and the storage area should be bunded to prevent silty runoff entering watercourses. Given its small quantity, all excavated sediment should be reused on-site as backfilling material;</li> </ul>	Water quality control during construction	Contractor(s)	At all construction areas of the site during the entire construction period	WPCO	Implemented

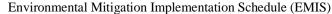


EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
		<ul> <li>To further minimize the leakage and loss of sediments during excavation, tightly sealed closed grab excavators should be employed in river sections where material to be handled is wet. Where material is dry and in non-river sections, conventional excavations can be used;</li> <li>Excavated sediment will likely be temporarily stored on-site for reuse as backfilling material. This should be stored in a bunded area and covered at any time to avoid inadvertent release of silts and suspended solids to nearby water bodies;</li> <li>Regular monitoring of suspended solids, pH and turbidity should be conducted during excavation works. Any exceedance of water quality in the nearby water bodies caused by inadvertent release of site runoff should be rectified in accordance with EM&amp;A programme for this project.</li> </ul>					





EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.6.7.16	\$6.2.3	<ul> <li>Cast in-situ Construction</li> <li>Minimise the area of the site which generates contaminated stormwater runoff;</li> <li>Provide a separate dedicated drainage system to discharge clean stormwater from the site;</li> <li>Drain all contaminated stormwater and process wastewater to a collection pit for recycling;</li> <li>Regularly clean out solids that accumulate in the pit;</li> <li>There must be no dry weather wastewater discharges from the site;</li> <li>Monitor wet weather discharges for pH and suspended solids. Retain the records.</li> </ul>	Water quality control during construction	Contractor(s)	At all construction areas of the site during the entire construction period	WPCO	Implemented
S.6.7.17	\$6.2.3	Registration to EPD as a CWP (Chemical Waste Producers) is required if chemical wastes are generated and need to be disposed of. Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance (WDO). The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the WDO should be used as a guideline for handing chemical wastes.	Water quality control during construction	Contractor(s)	At all construction areas of the site during the entire construction period	WPCO, WDO and the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes	Implemented





EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.6.7.18	S.6.2.3	<ul> <li>Mitigation measures to avoid potential impact to Cheung Po EIS</li> <li>The construction work in Tai Wo should be scheduled in the dry season and sand bags or other similar facilities should be placed along the southern boundary to the work site to prevent any accidental discharge of untreated effluent into the buffered grassland and EIS under adverse weather condition;</li> <li>Discharge of any treated or untreated effluent, either by means of soakaway or direct discharge to nearby waterways, should be directed away from the grassland buffer and the EIS.</li> </ul>	Water quality control during construction	Contractor(s)	At Tai Wo Area during the entire construction period	WPCO	Implemented

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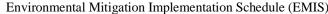
Environmental Mitigation Implementation Schedule (EMIS)

# Waste Management Implication – Implementation Schedule of Recommended Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
Constr	uction Phase						
S.7.5.1	S.7.2.5	<ul> <li>An on-site environmental co-ordinator employed by the contractor should be identified prior to the outset of the work. Prior to commencement of project, the environmental coordinator shall prepare a WMP in accordance with the requirements set out in the ETWB TCW No. 19/2005, Waste Management on Construction Sites, for the Engineers Representative's approval. The WMP shall include monthly and yearly Waste Flow Tables (WFT) that indicate the amount of waste generated, recycled and disposed of (including final disposal location), and which should be regularly updated;</li> </ul>	Waste management during construction	Contractor(s)	Prior to commencement of Project works and implemented throughout the entire construction period	ETWB TCW No. 19/2005	Implemented
S.7.5.1	S.7.2.5	<ul> <li>The Project contractor's waste management practices and effectiveness should also be audited by the Engineer on a regular basis;</li> </ul>	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction period	ETWB TCW No. 19/2005	Implemented
S.7.5.1	S.7.2.5	<ul> <li>The reuse/ recycling of all materials on site should be investigated and exhausted prior to treatment/ disposal off-site;</li> </ul>	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction period	ETWB TCW No. 19/2005	Implemented



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.7.5.1	S.7.2.5	<ul> <li>Good site practices should be adopted from the commencement of works to avoid the generation of waste, reduce cross contamination of waste and to promote waste minimisation;</li> </ul>	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction period	ETWB TCW No. 19/2005	Implemented
S.7.5.1	S.7.2.5	All waste materials should be sorted on-site into inert and non-inert C&D materials, and where the materials can be recycled or reused, they should be further segregated. Inert material, or public fill will comprise stone, rock, masonry, brick, concrete and soil which is suitable for land reclamation and site formation whilst non-inert materials include all other wastes generated from the construction process such as plastic packaging and vegetation;	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction period	Waste Disposal Ordinance	Implemented
S.7.5.1	S.7.2.5	The Project contractor should be responsible for identifying what materials can be recycled/ reused, whether on-site or off-site. In the event of the latter, the contractor should make arrangements for the collection of the recyclable materials. Any remaining non-inert waste should be collected and disposed of to the landfill as last resort whilst any inert C&D materials should be re-used on site as far as possible. Alternatively, if no use of the inert materials can be found onsite, the materials can be delivered to a public fill area or public fill bank after obtaining the appropriate licence;	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction period	Waste Disposal Ordinance	Implemented





EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.7.5.1	S.7.2.5	In order to monitor the disposal of C&D materials and solid waste at public filling facilities and landfills, and to control flytipping, a trip ticket system shall be implemented by the contractor, in accordance with the contract and the requirements of DEVB TCW No. 6/2010 "Trip Ticket System for Disposal of Construction and Demolition Material";	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction period	DEVB TCW No. 6/2010	Implemented
S.7.5.1	S.7.2.5	Under the Waste Disposal (Chemical Waste)     (General) Regulation, the Project contractor     shall register as a Chemical Waste Producer     (CWP) if chemical wastes such as spent     lubricants, paints, etc. are generated onsite.     Only licensed chemical waste collectors shall be employed to collect any chemical waste generated onsite. The handling, storage, transportation and disposal of chemical wastes shall be conducted in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes and A Guide to the Chemical Waste Control Scheme both published by the EPD;	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction period	Waste Disposal (Chemical Waste) (General) Regulation	Implemented



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.7.5.1	S.7.2.5	<ul> <li>A sufficient number of covered bins should be provided onsite for the containment of general refuse to prevent visual impacts and nuisance to the sensitive surroundings. These bins should be cleared daily and the collected waste disposed of to the nearest refuse transfer station. Further to the issue of DEVB TC(W) No. 8/2010, Enhanced Specification for Site Cleanliness and Tidiness, the contractor is required to maintain a clean and hygienic site throughout the Project works;</li> </ul>	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction period	Waste Disposal Ordinance and DEVB TC(W) No. 8/2010	Implemented
S.7.5.1	S.7.2.5	<ul> <li>Minimize windblown litter and dust during transportation by either fitting trucks with mechanical covers or transporting waste in enclosed containers;</li> </ul>	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction	Waste Disposal Ordinance	Implemented
S.7.5.1	S.7.2.5	<ul> <li>All chemical toilets, if any, should be regularly cleaned and the night-soil collected and transported by a licensed contractor to a Government Sewage Treatment Works facility for disposal;</li> </ul>	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction	Waste Disposal Ordinance	Implemented
S.7.5.1	S.7.2.5	<ul> <li>Toolbox talks should be provided to workers about the concepts of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling; and</li> </ul>	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction	Waste Disposal Ordinance	Implemented
S.7.5.1	S.7.2.5	<ul> <li>The project contractor shall comply with all relevant statutory requirements and guidelines and their updated versions that may be issued during the course of the project construction.</li> </ul>	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction	Waste Disposal Ordinance	Implemented



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S.7.5.1	S.7.2.5	<ul> <li>Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices.</li> <li>Segregation and storage different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal;</li> <li>Encourage collection of aluminium cans, PET bottles and paper by providing separate labelled bins to enable these wastes to be segregated from other general refuse generated by the workforce;</li> <li>Use of reusable non-timber formwork to reduce the amount of C&amp;D material;</li> <li>Prior to disposal of C&amp;D waste, it is recommended that wood, steel and other metal shall be separated for re-used and/ or recycling to minimise the quantity of waste to be disposal of to landfill;</li> <li>Proper storage and site practice to minimise the potential for damage and contamination of construction materials;</li> <li>Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.</li> </ul>	Waste management during construction	Contractor(s)	At all construction areas of the site during the entire construction	ETWB TCW No. 19/2005	Implemented

Drainage Improvement Works Near Four Villages in Yuen Long — Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che Monthly EM&A Report



Environmental Mitigation Implementation Schedule (EMIS)

# Land Contamination – Implementation Schedule of Recommended Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
Constru	ction Phase						
S.8.8.1	S.8.2.1	Unexpected contaminated materials may be encountered near identified potential contaminated sites during construction. Should suspected contamination be found during construction, the extent and nature of contamination within project areas should be properly assessed and the contaminated soil/ groundwater should be remediated in accordance with EPD issued publications as below:  • Guidance Note for Contaminated Land Assessment and Remediation;  • Guidance Manual for Use of Risk-based Remediation Goals ("RBRGs") for Contaminated Land Management; and  • Practice Guide for Investigation and Remediation of Contaminated Land.	Safety precautionary measures for handling possible contaminated materials	Contractor(s)	During construction works within the works areas nearby the land contamination sites HC-A, HC-C, HC-D, HC-I, LFT-A, LFT-B, LFT-C, LFT-D, LFT-E and SSNV-A	Guidance Note for Contaminated Land Assessment and Practice Guide for Investigation Remediation of Contaminated Land	No unexpected contaminated material was encountered during reporting period

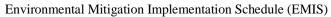


Landscape & Visual Impact – Implementation Schedule of Recommended Mitigation Measures

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
Construct	tion Phase						
S9.12.1.1	S.9.2	Construction Site Control CM01 - Tree Protection and Preservation Trees / woodland within the Project Site which are unaffected by the works shall be protected and preserved during the construction phase. The tree preservation proposals shall be coordinated with the layout and design of the engineering and architectural works at detailed design stage for further retention of individual trees.	Good site practices and to minimize landscape and visual impact	DSD and its contractors.	Work sites	EIAO-TM	Implemented
S9.12.1.1	S.9.2	CM02 – Compensatory Tree Planting If removal of trees unavoidable due to construction impacts, trees will be compensated where technically feasible.	Good site practices and to minimize landscape and visual impact	DSD and its contractors.	Work sites	EIAO-TM	No tree was removed during reporting period
S9.12.1.1	S.9.2	CM03 - Works Area and Temporary Works Areas (Good Site Practice) The construction sequence and construction programme shall be optimized in order to minimize the duration of impact. Construction site controls shall be enforced including the storage of materials, and the location and appearance of site accommodation and site storage. The site office or temporary above- ground structures shall be sited in locations which are not visually prominent.	Good site practices and to minimize landscape and visual impact	DSD and its contractors.	Work sites	EIAO-TM	Implemented
S9.12.1.1	S.9.2	CM04 - Advance Implementation of Mitigation Planting Replanting of existing/ disturbed vegetation shall be undertaken as soon as technically feasible.	Good site practices and to minimize landscape and visual impact	DSD and its contractors.	Work sites	EIAO-TM	No replanting work was conducted during reporting period

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
S9.12.1.1	S.9.2	CM05 - Coordination with Concurrent Projects Coordinated implementation programme with concurrent projects to minimise impacts and where possible reduce the period of disturbance.	Good site practices and to minimize landscape and visual impact	DSD and its contractors.	Work sites	EIAO-TM	Implemented
S9.12.1.1	S.9.2	CM06 - Decorative Screen Hoarding Decorative screen hoarding will be erected along areas of the construction works site boundary where the works site borders publicly accessible routes and/ or is close to visually sensitive receivers (VSRs) to screen undesirable views of the works site. It is proposed that the screening be compatible with the surrounding environment and where possible, non-reflective, recessive colours be used.	Good site practices and to minimize landscape and visual impact	DSD and its contractors.	Work sites	EIAO-TM	Implemented
S9.12.1.1	S.9.2	CM07 – Light Control  Construction and night time lighting glare will be controlled to minimize glare impact to adjacent VSRs during the construction stage. This is considered a general measure for good practice.	Good site practices and to minimize landscape and visual impact	DSD and its contractors.	Work sites	EIAO-TM	Implemented
S9.12.1.1	S.9.2	CM08 – Topsoil reuse  Excavated topsoil should be conserved for reuse by the project or other projects. This is considered a general measure for good site practice.	Good site practices and to minimize landscape and visual impact	DSD and its contractors.	Work sites	EIAO-TM	Implemented
S9.12.1.1	S.9.2	CM09 - Channel Bed Translocation  Excavated natural stream bedding should be conserved for re-use by the project. This is considered a general measure for promoting sustainability and ecological continuity.	Good site practices and to minimize landscape and visual impact	DSD and its contractors.	Work sites	EIAO-TM	Implemented

Drainage Improvement Works Near Four Villages in Yuen Long — Sung Shan New Village, Tai Wo, Lin Fa Tei and Ha Che Monthly EM&A Report





# **Cultural Heritage Impact – Implementation Schedule of Recommended Mitigation Measures**

EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
Constru	ction Phase						
Table 10-3	Table 10.1	<ul> <li>A condition survey will be carried out in advance of works that may be affected by ground-borne vibration. The Condition Survey Report should contain descriptions of the structure, identification of fragile elements, an appraisal of the condition and working methods for any proposed monitoring and precautionary measures that are recommended with aid of photo records. The condition survey report must be submitted to AMO for comment before construction activities commence. The contractor should implement the approved monitoring and precautionary measures;</li> <li>Vibration monitoring should be undertaken during the construction works to ensure that safe levels of vibration are not exceeded. An Alert, Alarm and Action (AAA) vibration limit set at 5 / 6 / 7.5 mm/s for Grade 3 historic buildings should be adopted. A monitoring schedule, the location of monitoring, reporting requirements and action plan should be included in the condition survey report. The location of any monitoring equipment in the building must be approved by the owner before installation;</li> </ul>	Cultural heritage protection	Contractors	During the construction period, for Lee Tat Bridge (GB-01)	AMO Guidelines on CHIA; EIAO-TM	The condition survey report was submitted on 22 December 2023



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
		<ul> <li>A buffer zone should be provided to separate the building or walls of the building from the construction works. The buffer zone should be clearly marked out by temporary fencing. The buffer zone should be made at least 5 m from the proposed works or if this is not possible as large as the site restrictions allow;</li> <li>The contractor should ensure that safe public access is possible, through provision of clearly marked paths separated from the construction works areas, and is provided for any such affected cultural heritage structure. It is recommended that safe public access to the bridge be provided during the construction works.</li> </ul>					
Table 10-3	Table 10.1	Lan Fong Study Hall (GB-02)  No mitigation required	N/A	N/A	N/A	AMO Guidelines on CHIA; EIAO-TM	N/A
Table 10-3	Table 10.1	St. John's Chapel (GB-03)  No mitigation required	N/A	N/A	N/A	AMO Guidelines on CHIA; EIAO-TM	N/A
Table 10-1	S.10.2.1 – S.10.2.2	<ul> <li>The proposed drainage works in the Lin Fa Tei area near previous wooden archaeological remains;</li> <li>Archaeological survey prior to construction works in area marked on Figure 10.16 of the EIA report;</li> <li>A qualified archaeologist shall apply for a licence under the Antiquities and Monuments Ordinance (Cap. 53) for the archaeological fieldwork.</li> </ul>	Identification of archaeological remains, deposits and material within survey area  Identification of archaeological extent	Qualified archaeologist engaged by Contractor	Prior to construction phase	Antiquities and Monuments Ordinance	Archaeological Survey will be conducted prior to the construction works



EIA Ref.	EM&A Ref.	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Who to implement the measures?	Location/ Timing of implementation of Measures	What requirements or standards for the measures to achieve?	Implementation Status
Table 10-1	S.10.2.3	As a precautionary measure, the Antiquities and Monuments Office (AMO) should be informed immediately in case of discovery of antiquities or supposed antiquities in the course of excavation for the proposed drainage improvement works at Tai Wo area, Ha Che River area, Lin Fa Tei area (all areas except area identified for Archaeological Survey) and Sung Shan New village area, so that appropriate mitigation measures, if needed, can be timely formulated and implemented in agreement with AMO.	To ensure appropriate mitigation measures can be timely formulated and implemented to preserve archaeological data, if discovered, in agreement with AMO	Contractor	During construction phase	Antiquities and Monuments Ordinance	No antiquities or supposed antiquities was discovered during the reporting period

Appendix 2.1	Calibration Certificates of Impact Water Quality Monitoring Equipment



### 專業化驗有限公司 OUALITY PRO TEST-CONSULT LIMITED

Unit 10, 5/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong Email: info@qualityprotest.com; Website: www.qualityprotest.com Tel: (852) 3956 8717; Fax: (852) 3956 3928

### REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BD030061

**Date of Issue** 

: 19 March 2024

Page No.

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#### PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

Unit E, 12/F, Ford Glory Plaza 37-39 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong

### **PART B - SAMPLE INFORMATION**

Name of Equipment:

YSI ProDSS Multi Parameters

Manufacturer:

YSI

Serial Number :

15M101091

Date of Received:

14 March 2024

Date of Calibration:
Date of Next Calibration:

18 March 2024 18 June 2024

Request No.:

D-BD030061

### PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

**Test Parameter** 

Reference Method

pH value

APHA 21e 4500-H+ B

Temperature

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March

2008: Working Thermometer Calibration Procedure

Salinity

APHA 21e 2520 B

Dissolved oxygen

APHA 23e 4500-O G (Membrane Electrode Method)

Turbidity

APHA 21e 2130 B (Nephelometric Method)

### **PART D - CALIBRATION RESULT**

### (1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance	Result
4.00	3.98	-0.02	Satisfactory
7.42	7.41	-0.01	Satisfactory
10.01	9.86	-0.15	Satisfactory

Tolerance of pH value should be less than  $\pm$  0.2 (pH unit)

### (2) Temperature

Reading of Ref. thermometer (°C)	Display Reading ( °C )	Tolerance	Result
16.0	16.5	0.5	Satisfactory
24.0	23.1	-0.9	Satisfactory
35.5	35.1	-0.4	Satisfactory

Tolerance of Temperature should be less than  $\pm 2.0$  ( °C )

### (3) Salinity

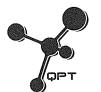
Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	9.38	-6.20	Satisfactory
20	18.65	-6.75	Satisfactory
30	29.05	-3.17	Satisfactory

Tolerance of Salinity should be less than  $\pm$  10.0 ( % )

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AUTHORIZED SIGNATORY:

Assistant Manager



### 專業化驗有限公司 QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 5/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong Email: info@qualityprotest.com; Website: www.qualityprotest.com Tel: (852) 3956 8717; Fax: (852) 3956 3928

### REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

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**Date of Issue** 

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### (4) Dissolved oxygen

Expected Reading ( mg/L )	Display Reading ( mg/L )	Tolerance	Result
8.41	8.13	-0.28	Satisfactory
6.11	5.88	-0.23	Satisfactory
2.56	2.40	-0.16	Satisfactory
0.83	0.41	-0.42	Satisfactory

Tolerance of Dissolved oxygen should be less than  $\pm$  0.5 ( mg/L )

### (5) Turbidity

Expected Reading ( NTU )	Display Reading ( NTU )	Tolerance (%)	Result
0	0.88		Satisfactory
10	10.88	8.8	Satisfactory
20	21.14	5.7	Satisfactory
100	106.45	6.5	Satisfactory
800	761.97	-4.8	Satisfactory

Tolerance of Turbidity should be less than  $\pm$  10.0 ( % )

### Remark(s)

- The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted form relevant international standards.
- ·The results relate only to the calibrated equipment as received
- ·The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source
- "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
- ·The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted form relevant international standards.

--- END OF REPORT ---



### 專業化驗有限公司 QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 5/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong Email: info@qualityprotest.com; Website: www.qualityprotest.com Tel: (852) 3956 8717; Fax: (852) 3956 3928

### REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BD010030

Date of Issue

: 25 January 2024

Page No.

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#### **PART A - CUSTOMER INFORMATION**

Acuity Sustainability Consulting Limited

Unit E, 12/F, Ford Glory Plaza 37-39 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment:

YSI ProDSS (Multi-Parameters)

Manufacturer:

YSI (a xylem brand)

Serial Number:

22C106561

Date of Received:

22 January 2024

Date of Calibration :

24 January 2024

Date of Next Calibration:

24 April 2024

Request No.:

D-BD010030

### PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

**Test Parameter** 

Reference Method

pH value

APHA 21e 4500-H+ B

Temperature

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March

2008: Working Thermometer Calibration Procedure

Salinity

APHA 21e 2520 B

Dissolved oxygen

APHA 23e 4500-O G (Membrane Electrode Method)

Turbidity

APHA 21e 2130 B (Nephelometric Method)

#### PART D - CALIBRATION RESULT

### (1) pH value

Target ( pH unit )	Display Reading ( pH unit )	Tolerance	Result
4.00	4.02	0.02	Satisfactory
7.42	7.45	0.03	Satisfactory
10.01	10.05	0.04	Satisfactory

Tolerance of pH value should be less than  $\pm$  0.2 ( pH unit )

#### (2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance	Result
33	34.1	1.1	Satisfactory
19	18.7	-0.3	Satisfactory
11	11.5	0.5	Satisfactory

Tolerance of Temperature should be less than  $\pm 2.0$  (°C)

### (3) Salinity

Expected Reading ( g/L )	Display Reading (g/L)	Tolerance (%)	Result
10	10.19	1.90	Satisfactory
20	21.27	6.35	Satisfactory
30	30.21	0.70	Satisfactory

Tolerance of Salinity should be less than  $\pm 10.0$  (%)

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AUTHORIZED SIGNATORY:

> LEE Chun-ning Assistant Manager

Tel: (852) 3956 8717; Fax: (852) 3956 3928

# REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BD010030

**Date of Issue** 

: 25 January 2024

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### (4) Dissolved oxygen

Expected Reading ( mg/L )	Display Reading ( mg/L )	Tolerance	Result
8.60	8.89	0.29	Satisfactory
5.33	5.70	0.37	Satisfactory
3.40	3.50	0.10	Satisfactory
0.34	0.26	-0.08	Satisfactory

Tolerance of Dissolved oxygen should be less than  $\pm 0.5$  ( mg/L )

### (5) Turbidity

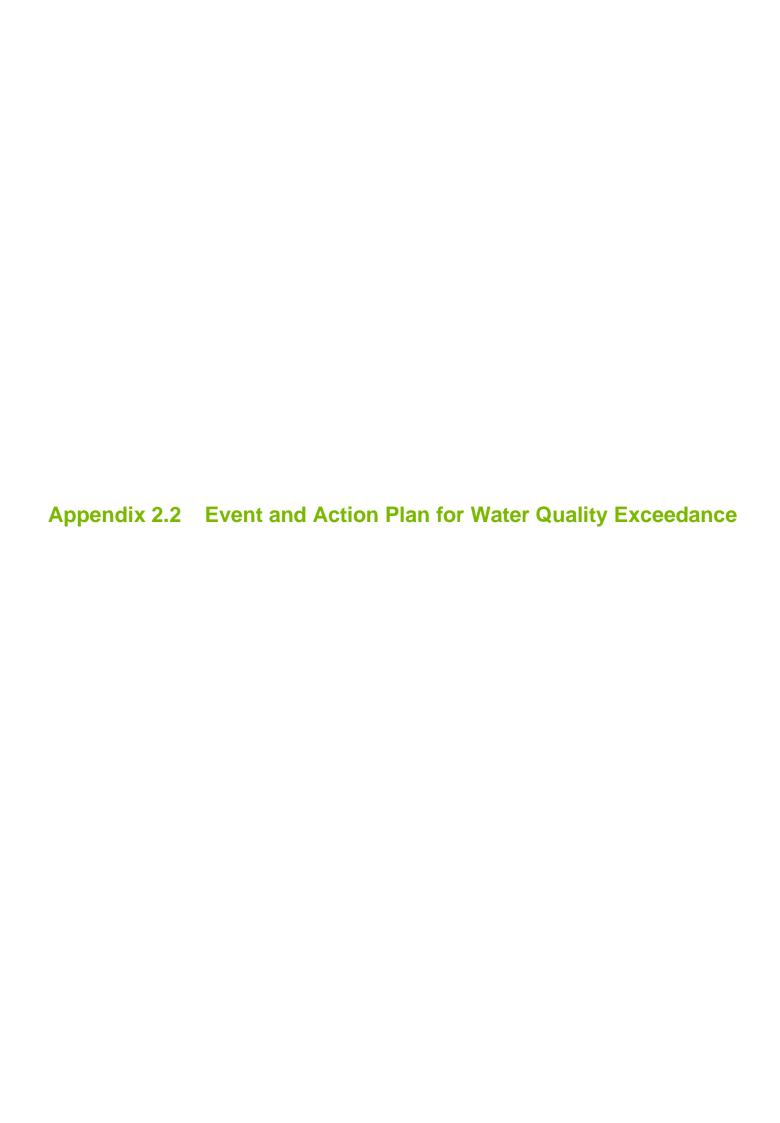
Expected Reading (NTU)	Display Reading (NTU)	Tolerance (%)	Result
0	0.50		Satisfactory
10	9.88	-1.2	Satisfactory
20	18.35	-8.2	Satisfactory
100	95.10	-4.9	Satisfactory
800	736.55	-7.9	Satisfactory

Tolerance of Turbidity should be less than  $\pm~10.0$  ( % )

#### Remark(s)

- 'The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted form relevant international standards.
- ·The results relate only to the calibrated equipment as received
- ·The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
- "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
- ·The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted form relevant international standards.

--- END OF REPORT ---



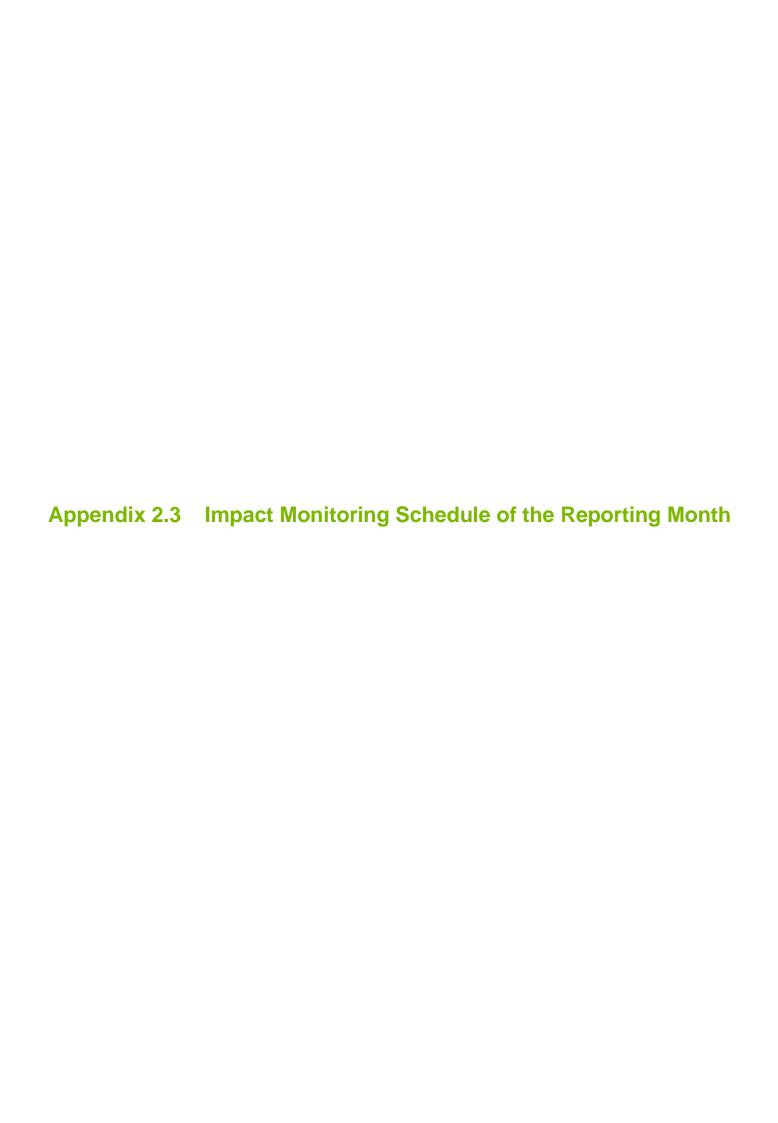
# **Event and Action Plan for Water Quality**

	Action			
Event	ET <sup>(1)</sup>	IEC (1)	ER <sup>(1)</sup>	Contractor
Action Level being exceeded by one sampling day	<ol> <li>Repeat in-situ measurement to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform the IEC and the Contractor;</li> <li>Check monitoring data, all plant, equipment and the Contractor's working methods;</li> <li>Discuss mitigation measures with the IEC and the Contractor;</li> <li>Repeat measurement on next day of exceedance.</li> </ol>	1. Discuss with the ET and the Contractor on the mitigation measures;  2. Review proposals on mitigation measures submitted by the Contractor and advise the ER accordingly;  3. Assess the effectiveness of the implemented mitigation measures.	1. Discuss with the IEC on the proposed mitigation measures;  2. Make agreement on the mitigation measures to be implemented.	<ol> <li>Inform the ER and confirm notification of the non-compliance in writing;</li> <li>Rectify unacceptable practice;</li> <li>Check all plant and equipment;</li> <li>Consider changes of working methods;</li> <li>Discuss with the ET and the IEC and propose mitigation measures to the IEC and the ER;</li> <li>Implement the agreed mitigation measures.</li> </ol>
Action Level being exceeded by more than one consecutive sampling days	<ol> <li>Repeat in-situ measurement to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform the IEC and the Contractor;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>Discuss mitigation measures with the IEC and the Contractor;</li> <li>Ensure mitigation measures are implemented;</li> <li>Prepare to increase the monitoring frequency to daily;</li> <li>Repeat measurement on next day of exceedance.</li> </ol>	1. Discuss with the ET and the Contractor on the mitigation measures;  2. Review proposals on mitigation measures submitted by the Contractor and advise the ER accordingly;  3. Assess the effectiveness of the implemented mitigation measures.	1. Discuss with the IEC on the proposed mitigation measures;  2. Make agreement on the mitigation measures to be implemented;  3. Assess the effectiveness of the implemented mitigation measures.	<ol> <li>Inform the ER and confirm notification of the non-compliance in writing;</li> <li>Rectify unacceptable practice;</li> <li>Check all plant and equipment;</li> <li>Consider changes of working methods;</li> <li>Discuss with the ET and the IEC and propose mitigation measures to the IEC and the ER within 3 working days;</li> <li>Implement the agreed mitigation measures.</li> </ol>

Front		Ac	tion	
Event	ET <sup>(1)</sup>	IEC (1)	ER <sup>(1)</sup>	Contractor
Limit Level being exceeded by one sampling days	<ol> <li>Repeat in-situ measurement to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform the IEC, the Contractor and the DEP;</li> <li>Check monitoring data, all plant, equipment and the Contractor's working methods;</li> <li>Discuss mitigation measures with the IEC, the ER and the Contractor;</li> <li>Ensure mitigation measures are implemented;</li> <li>Increase the monitoring frequency to daily until no exceedance of Limit Level.</li> </ol>	1. Discuss with the ET and the Contractor on the mitigation measures;  2. Review proposals on mitigation measures submitted by the Contractor and advise the ER accordingly;  3. Access the effectiveness of the implemented mitigation measures.	1. Discuss with the IEC, the ET and the Contractor on the proposed mitigation measures;  2. Request the Contractor to critically review the working methods;  3. Make agreement on the mitigation measures to be implemented;  4. Assess the effectiveness of the implemented mitigation measures.	1. Inform the Engineer and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment; 4. Consider changes of working methods; 5. Discuss with the ET, the IEC and the ER and propose mitigation measures to the IEC and the ER within 3 working days; 6. Implement the agreed mitigation measures.

F		Act	tion	
Event	ET <sup>(1)</sup>	IEC (1)	ER <sup>(1)</sup>	Contractor
Limit Level being exceeded by more than one consecutive sampling days	<ol> <li>Repeat in-situ measurement to confirm findings;</li> <li>Identify source(s) of impact.</li> <li>Inform the IEC, the Contractor and the DEP;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>Discuss mitigation measures with the IEC, the ER and the Contractor;</li> <li>Ensure mitigation measures are implemented;</li> <li>Increase the monitoring frequency to daily until no exceedance of Limit Level for two consecutive days.</li> </ol>	1. Discuss with the ET and Contractor on the mitigation measures;  2. Review proposals on mitigation measures submitted by the Contractor and advise the ER accordingly;  3. Access the effectiveness of the implemented mitigation measures.	1. Discuss with the IEC, the ET and the Contractor on the proposed mitigation measures;  2. Request Contractor to critically review the working methods;  3. Make agreement on the mitigation measures to be implemented;  4. Assess the effectiveness of the implemented mitigation measures;  5. Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the works until no exceedance of Limit Level.	<ol> <li>Inform the ER and confirm notification of the non-compliance in writing;</li> <li>Rectify unacceptable practice;</li> <li>Check all plant and equipment;</li> <li>Consider changes of working methods;</li> <li>Discuss with the ET, the IEC and the ER and propose mitigation measures to the IEC and the ER within 3 working days;</li> <li>Implement the agreed mitigation measures;</li> <li>As directed by the ER, slow down or stop all or part of the construction activities.</li> </ol>

Note (1) ET – Environmental Team, IEC – Independent Environmental Checker, ER – Engineer's Representative, DEP – Director of Environmental Protection.



	Impact Noise & Water Monitori	ng Schedule for Contract No. DC/2022/02 Drainage Imp	provement Works at	Yuen Long Stage 2 (Version 1.0)	
		March 2024			
Sun	Mon Tue	Wed	Thur	Fri 1	Sat 2
				Noise monitoring at HC_M3A, HC_M and HC_M6 Water quality monitoring at C9 and C	
3	4 5	6	7	8	9
	Water quality monitoring at C9 and C10	Water quality monitoring at C9 and C10		Noise monitoring at HC_M3A, HC_M and HC_M6 Water quality monitoring at C9 and C	
10	11 12	13	14	15	16
	Water quality monitoring at C9 and C10	Water quality monitoring at C9 and C10		Noise monitoring at HC_M3A, HC_M and HC_M6 Water quality monitoring at C9 and C	
17	Water quality monitoring at C9 and C10	Water quality monitoring at C4, C5, C6, C7A, C8, C9 and C10	21	Noise monitoring at HC_M3A, HC_M4, HC_M6, TW_M2, TW_M3 LFT_M1, LFT_M3A, LFT_M5, LFT_M7 and LFT_M11 Water quality monitoring at C4, C5, C C7A, C8, C9 and C10	
24	Water quality monitoring at C4, C5, C6, C7A, C8, C9 and C10	Noise monitoring at HC_M3A, HC_M4, HC_M6, TW_M2, TW_M3, LFT_M1, LFT_M3A, LFT_M5, LFT_M1 and LFT_M11 Water quality monitoring at C4, C5, C6, C7A, C8, C9 and C10	28	29	30
31					
Noise Monitoring Locations:		Water Monitoring Location			

Noise Monitoring Locations: Noise monitoring stations at Ha Che: HC\_M3A, HC\_M4, and HC\_M6

Noise monitoring stations at Tai Wo: TW\_M2 and TW\_M3

Noise monitoring stations at Tai Wo: TW\_M2 and TW\_M3

Noise monitoring stations at Lin Fa Tei: LFT\_M1, LFT\_M3A, LFT\_M5, LFT\_M7, and LFT\_M11

Noise monitoring stations at Sung Shan New Village: SSNV\_M2, SSNV\_M3, and SSNV\_M6

Water Monitoring Locations: Water quality monitoring stations at Ha Che: C9 and C10 Water quality monitoring stations at Tai Wo: C4 and C5

Water quality monitoring stations at Ear Wo. C4 and C5 Water quality monitoring stations at Sung Shan New Village: C1A, C2, and C3A

- 1. The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
  2. As construction works was commenced at Ha Che since 20 February 2024, monitoring works were carried out at Ha Che since 20 February 2024.
  3. As construction works was commenced at Tai Wo and Lei Fa Tei since 20 March 2024, monitoring works were carried out at Tai Wo and Lei Fa Tei since 20 March 2024.

Appendix 2.4	Impact Water Quality Monitoring Data	



Water Quality Monitoring Location: C4

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU)	SS (mg/L)	Remark
C4	20240320	Sunny	13:36	8.07	90.0	8.12	0.08	20.70	23.96	30	/
C4	20240320	Sunny	13:37	8.07	90.0	8.12	0.08	20.70	23.53	28	/
C4	20240321	Sunny	15:52	8.75	98.2	7.96	0.08	21.00	5.80	-	/
C4	20240321	Sunny	15:52	8.75	98.2	7.96	0.08	21.00	5.68	-	/
C4	20240322	Sunny	10:33	7.48	85.5	7.48	0.06	22.00	5.24	2	/
C4	20240322	Sunny	10:33	7.31	83.4	7.34	0.07	21.90	5.32	4	/
C4	20240325	Sunny	15:22	10.09	124.2	7.48	0.09	25.90	7.21	3	/
C4	20240325	Sunny	15:22	10.06	123.8	7.49	0.09	25.90	7.13	1	/
C4	20240327	Sunny	16:11	9.33	110.1	8.06	0.09	23.60	7.71	8	/
C4	20240327	Sunny	16:11	9.33	110.2	8.06	0.09	23.60	7.76	10	/

Note:



Water Quality Monitoring Location: C5

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU)	SS (mg/L)	Remark
C5	20240320	Sunny	13:51	7.96	87.4	7.81	0.08	20.50	12.56	31	/
C5	20240320	Sunny	13:51	7.97	87.3	7.80	0.08	20.50	11.89	30	/
C5	20240321	Sunny	16:04	8.60	95.9	7.80	0.08	20.70	7.35	-	/
C5	20240321	Sunny	16:04	8.59	95.7	7.78	0.08	20.70	7.61	-	/
C5	20240322	Sunny	10:41	8.48	97.5	7.26	0.08	22.30	6.22	8	/
C5	20240322	Sunny	10:43	8.65	98.5	7.28	0.08	21.70	6.09	14	/
C5	20240325	Sunny	15:36	10.52	129.2	7.44	0.09	25.80	6.52	4	/
C5	20240325	Sunny	15:36	10.47	128.6	7.44	0.09	25.80	6.97	2	/
C5	20240327	Sunny	16:26	9.39	110.8	8.03	0.09	23.60	6.76	9	/
C5	20240327	Sunny	16:26	9.40	110.9	8.03	0.09	23.60	6.69	9	/

Note:



Water Quality Monitoring Location: C6

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU)	SS (mg/L)	Remark
C6	20240320	Sunny	12:36	5.63	64.7	8.63	0.11	22.00	15.36	5	/
C6	20240320	Sunny	12:37	5.41	63.2	8.61	0.11	22.00	15.43	5	/
C6	20240321	Sunny	14:28	7.47	87.8	8.20	0.15	23.40	1.97	-	/
C6	20240321	Sunny	14:28	7.47	87.8	8.20	0.15	23.40	1.94	-	/
C6	20240322	Sunny	9:16	3.81	43.0	8.25	1.34	20.90	23.78	19	/
C6	20240322	Sunny	9:16	3.42	38.6	8.24	1.34	20.90	23.66	17	/
C6	20240325	Sunny	14:16	8.68	110.4	7.84	0.16	27.70	4.90	10	/
C6	20240325	Sunny	14:16	8.68	110.3	7.83	0.16	27.70	4.87	8	/
C6	20240327	Sunny	14:51	5.38	64.1	8.58	0.72	23.90	19.98	11	/
C6	20240327	Sunny	14:51	5.50	65.4	8.59	0.72	23.90	20.37	14	/

Note:



Water Quality Monitoring Location: C7A

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU)	SS (mg/L)	Remark
C7A	20240320	Sunny	12:50	6.33	73.3	8.06	0.14	22.60	7.36	17	/
C7A	20240320	Sunny	12:51	6.17	71.4	8.02	0.14	22.60	6.99	20	/
C7A	20240321	Sunny	14:48	5.47	66.4	8.01	0.13	23.20	5.46	-	/
C7A	20240321	Sunny	14:48	5.70	69.1	8.04	0.13	23.20	5.33	-	/
C7A	20240322	Sunny	9:37	5.09	58.2	7.28	0.15	22.00	9.13	3	/
C7A	20240322	Sunny	9:38	5.09	58.3	7.27	0.15	22.00	9.45	6	/
C7A	20240325	Sunny	14:37	6.29	79.0	7.39	0.14	27.00	10.46	8	/
C7A	20240325	Sunny	14:37	6.10	76.7	7.39	0.14	27.00	10.47	8	/
C7A	20240327	Sunny	15:15	5.67	67.7	7.95	0.14	24.20	3.97	9	/
C7A	20240327	Sunny	15:15	5.73	68.5	7.98	0.14	24.20	3.71	7	/

Note:



Water Quality Monitoring Location: C8

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU)	SS (mg/L)	Remark
C8	20240320	Sunny	13:05	4.32	50.0	7.80	0.18	22.50	9.85	8	/
C8	20240320	Sunny	13:05	4.35	52.3	7.82	0.18	22.50	10.01	10	/
C8	20240321	Sunny	15:12	6.35	73.0	7.79	0.13	22.30	6.04	-	/
C8	20240321	Sunny	15:12	6.57	75.7	7.81	0.13	22.40	6.18	-	/
C8	20240322	Sunny	10:16	6.06	69.1	7.25	0.19	21.80	11.55	13	/
C8	20240322	Sunny	10:16	5.94	67.7	7.26	0.19	21.80	11.38	8	/
C8	20240325	Sunny	14:53	6.15	75.8	7.20	0.14	26.00	9.71	3	/
C8	20240325	Sunny	14:53	6.12	75.4	7.19	0.14	26.00	8.78	5	/
C8	20240327	Sunny	15:32	6.23	72.8	7.84	0.16	23.10	6.12	11	/
C8	20240327	Sunny	15:32	6.59	77.0	7.84	0.16	23.10	5.66	12	/

Note:



Water Quality Monitoring Location: C9

Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU)	SS (mg/L)	Remark
C9	20240301	Sunny	8:27	8.49	86.8	7.59	0.05	16.40	7.24	9	/
C9	20240301	Sunny	8:28	8.48	86.7	7.61	0.05	16.40	7.29	12	/
C9	20240304	Cloudy	15:38	6.73	71.8	6.76	0.05	18.50	3.70	5	/
C9	20240304	Cloudy	15:39	6.74	71.9	6.68	0.06	18.40	3.58	6	/
C9	20240306	Cloudy	15:13	6.68	74.5	7.72	0.06	20.70	7.26	7	/
C9	20240306	Cloudy	15:14	6.56	73.1	7.67	0.06	20.70	7.35	7	/
C9	20240308	Sunny	15:29	7.94	83.8	8.05	0.00	17.90	7.96	20	/
C9	20240308	Sunny	15:30	7.77	82.0	8.05	0.00	18.00	8.02	29	/
C9	20240311	Cloudy	11:12	8.99	93.5	8.39	0.00	17.20	8.44	7	/
C9	20240311	Cloudy	11:13	9.03	93.9	8.39	0.00	17.20	8.94	7	/
C9	20240313	Sunny	10:41	7.97	83.0	8.51	0.10	17.30	6.50	18	/
C9	20240313	Sunny	10:42	7.95	82.8	8.48	0.10	17.30	5.96	19	/
C9	20240315	Cloudy	11:01	7.97	86.8	7.97	0.14	19.00	3.69	15	/
C9	20240315	Cloudy	11:02	7.93	86.5	7.17	0.08	19.60	3.57	20	/
C9	20240318	Cloudy	15:13	7.89	89.0	8.38	0.08	21.30	7.82	17	/
C9	20240318	Cloudy	15:13	7.90	89.1	8.39	0.08	21.30	7.95	15	/
C9	20240320	Sunny	11:28	8.26	89.2	8.48	0.08	19.10	12.80	21	/
C9	20240320	Sunny	11:28	8.25	89.1	8.47	0.08	19.10	12.58	16	/
C9	20240322	Sunny	8:31	7.77	85.1	7.90	0.00	19.80	8.52	3	/
C9	20240322	Sunny	8:31	7.75	85.0	7.89	0.00	19.90	8.57	3	/
C9	20240325	Sunny	13:36	8.14	96.1	7.30	0.08	23.60	6.74	21	/
C9	20240325	Sunny	13:36	8.14	96.0	7.30	0.08	23.60	6.82	27	/
C9	20240327	Sunny	14:00	7.59	87.0	8.35	0.08	22.10	4.28	9	/
C9	20240327	Sunny	14:01	7.57	86.8	8.36	0.08	22.10	4.22	8	/

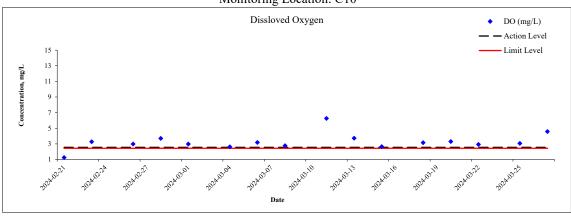


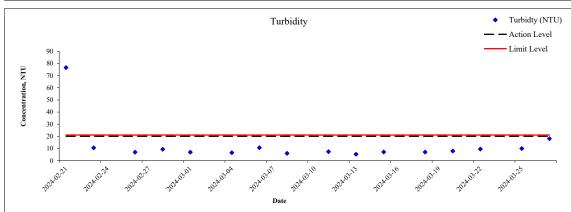
Water Quality Monitoring Location: C10

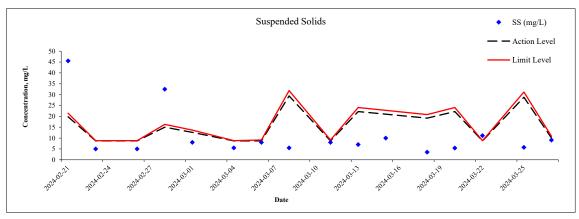
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Location	Date	Weather	Time	DO (mg/L)	Do Saturation (%)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU)	SS (mg/L)	Remark
C10	20240301	Sunny	8:39	2.99	31.1	7.08	0.12	17.30	6.96	9	/
C10	20240301	Sunny	8:40	2.96	30.8	7.09	0.12	17.30	7.05	7	/
C10	20240304	Cloudy	15:56	2.70	30.6	7.09	0.14	21.50	6.58	5	/
C10	20240304	Cloudy	15:57	2.53	28.7	7.09	0.14	21.50	6.52	6	/
C10	20240306	Cloudy	15:37	3.13	36.0	7.23	0.14	22.20	10.77	8	/
C10	20240306	Cloudy	15:38	3.22	37.0	7.24	0.14	22.20	10.49	8	/
C10	20240308	Sunny	15:49	2.71	30.0	7.80	0.13	20.40	6.05	5	/
C10	20240308	Sunny	15:50	2.83	31.4	7.82	0.13	20.40	6.01	6	/
C10	20240311	Cloudy	11:29	6.35	66.5	7.97	0.00	17.60	7.64	8	/
C10	20240311	Cloudy	11:30	6.18	64.7	7.98	0.00	17.60	7.19	8	/
C10	20240313	Sunny	10:56	3.76	40.6	7.93	0.14	19.00	5.22	5	/
C10	20240313	Sunny	10:56	3.70	39.9	7.92	0.14	19.00	5.28	9	/
C10	20240315	Cloudy	11:15	2.68	30.0	7.86	0.15	20.70	7.15	10	/
C10	20240315	Cloudy	11:15	2.61	29.2	7.85	0.15	20.70	7.17	10	/
C10	20240318	Cloudy	15:37	3.09	35.6	7.85	0.14	22.40	6.92	3	/
C10	20240318	Cloudy	15:38	3.23	37.3	7.87	0.14	22.40	7.16	4	/
C10	20240320	Sunny	11:41	3.11	35.1	7.59	0.14	21.30	7.71	5	/
C10	20240320	Sunny	11:42	3.49	39.5	7.78	0.14	21.40	8.10	5	/
C10	20240322	Sunny	8:46	2.97	33.2	7.24	0.12	20.80	9.55	10	/
C10	20240322	Sunny	8:48	2.89	32.3	7.24	0.15	20.80	9.49	12	/
C10	20240325	Sunny	13:47	3.15	39.1	7.12	0.14	26.40	9.99	7	/
C10	20240325	Sunny	13:47	2.96	36.8	7.11	0.14	26.40	9.89	5	/
C10	20240327	Sunny	14:16	4.55	53.6	7.81	0.12	23.40	18.26	9	/
C10	20240327	Sunny	14:16	4.62	54.5	7.82	0.12	23.40	17.99	9	/

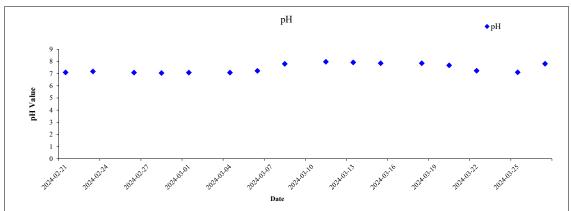






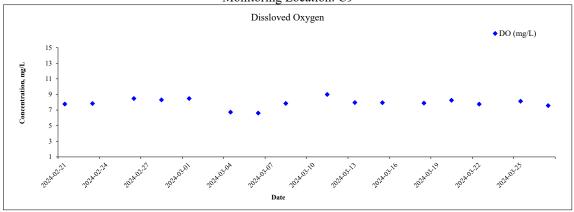


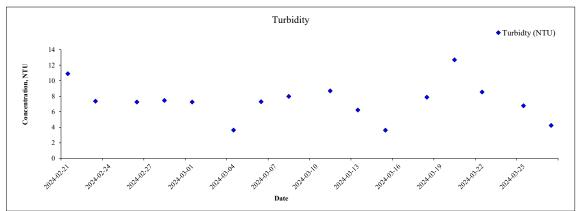


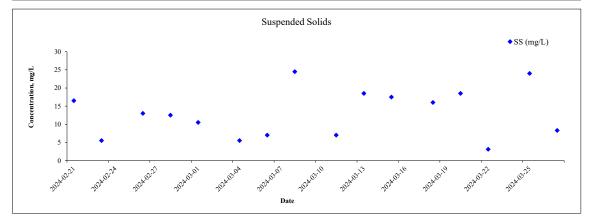


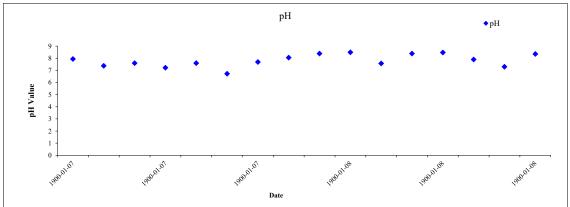






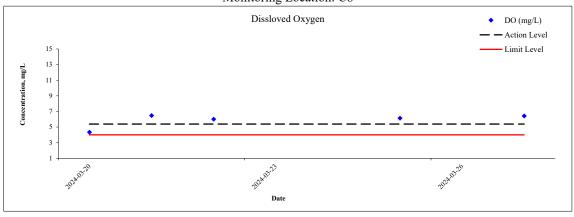


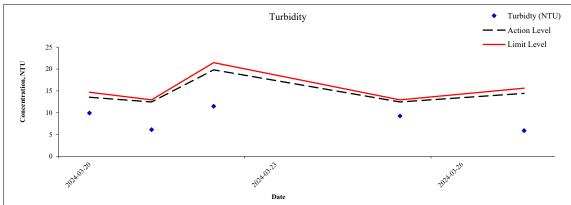


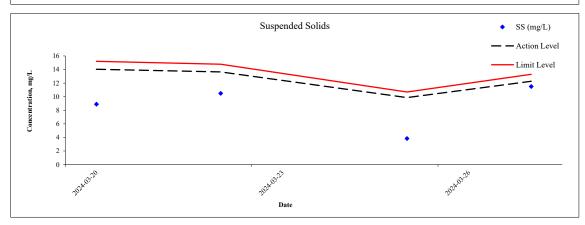


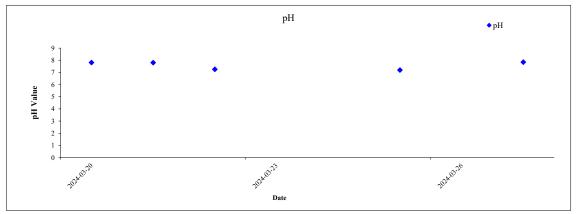




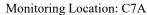


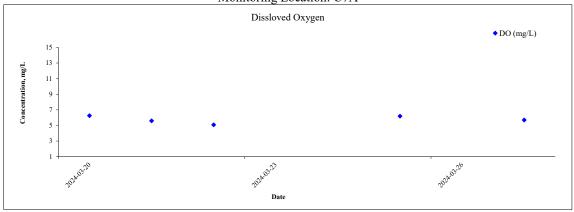


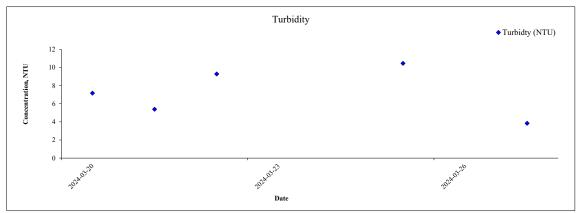


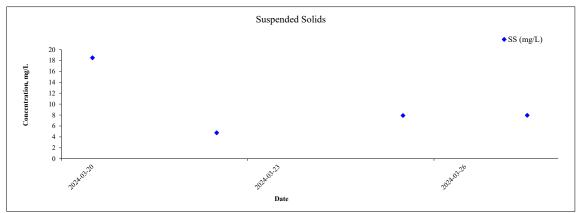


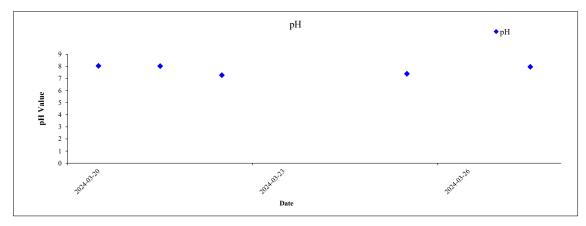






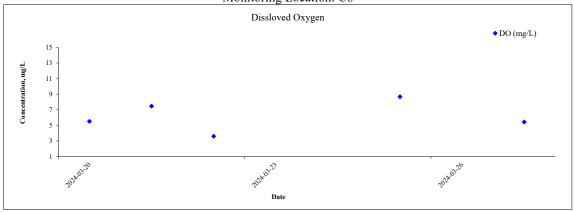


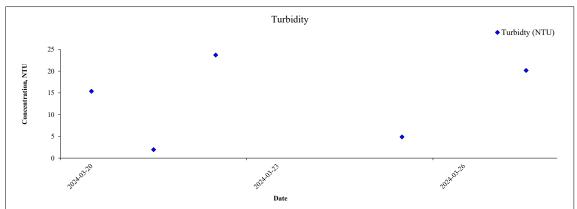


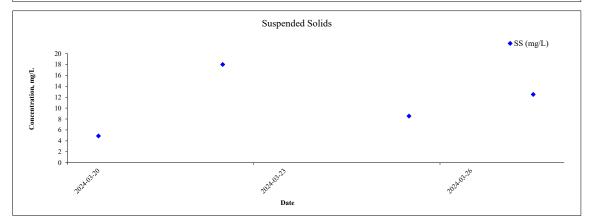


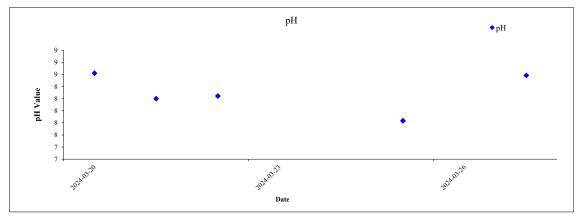




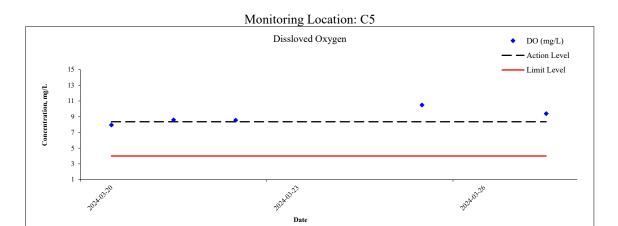


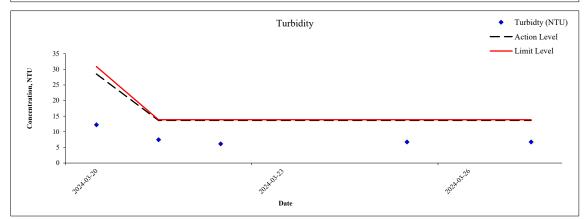


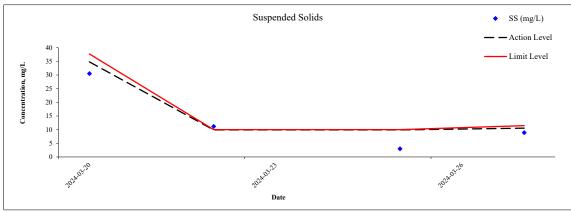


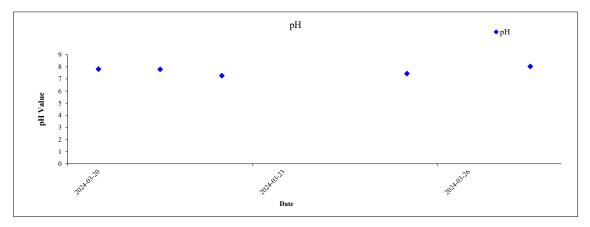






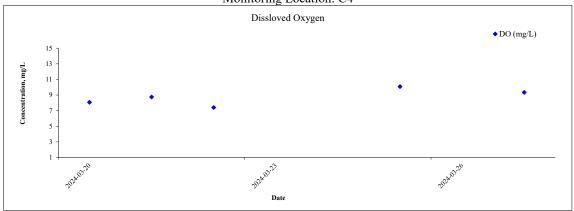


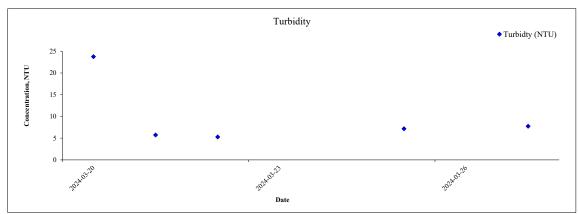


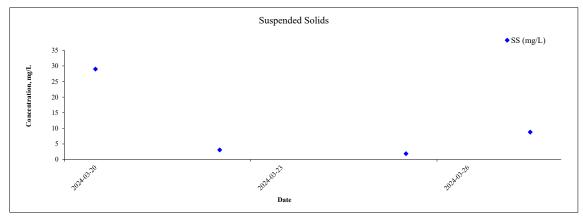


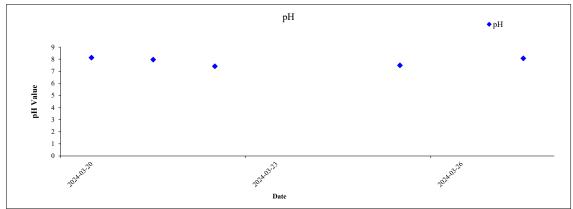












Appendix 3.1	Calibration Certificates of Impact Noise Monitoring Equipment



# Certificate of Calibration

for

Description:

Sound Level Calibrator

Manufacturer:

**RION** 

Type No.:

NC-75

Serial No.:

34724244

### 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** 

☐ 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: 27 July 2023

Date of calibration: 3 August 2023

Date of NEXT calibration: 2 August 2024

Calibrated by:

Calibration Technician

Certified by:

Mr. Ng Yan Wa

Laboratory Manager

Date of issue: 3 August 2023

Certificate No.: APJ23-049-CC004

Page 1 of 2



### 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:	22.6 ° <b>C</b>
Air Pressure:	1006 <b>hP</b> a
Relative Humidity:	52.9 %

### 4. Calibration Equipment:

Test Equipment	Type	Serial No.	Calibration Report Number	Traceable to
<b>Multifunction Calibrator</b>	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.: APJ23-049-CC004

# Certificate of Calibration

for

Description:

Sound Level Meter

Manufacturer:

**SVANTEK** 

Type No.:

SVAN 971 (Serial No.:C132269)

Microphone:

ACO 7052 E (Serial No.: 85230)

Preamplifier:

SVANTEK SV-18 (Serial No.:C122483)

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 – 8kHz)

☐ 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: 26 October 2023

Date of NEXT calibration: 25 October 2024

Calibrated by:\_\_

Calibration Technician

Certified by:

E-mail: inquiry@aa-lab.com

Mr. Ng Yan Wa Laboratory Manager

Date of issue: 27 October 2023

Certificate No.: APJ23-091-CC003

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Homepage: http://www.aa-lab.com



#### 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

Relative Humidity:

65.3 %

#### 3. Calibration Equipment:

Type

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)			Applied 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	SPL	Fast	94	1000	94.3	±0.4

### Linearity

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq.	Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
				94		94.3	Ref
25-124.9	dBA	SPL	Fast	104	1000	104.3	±0.3
				114		114.3	±0.3

### Time Weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. W	eighting/	Time Weighting	Level, dB Frequency, Hz		dB	Specification, dB
25-124.9	4D V	CDI	Fast	0.4	1000	94.3	Ref
23-124.9	dBA SPL	Slow	94	1000	94.3	±0.3	

Certificate No.: APJ23-091-CC003

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Homepage: http://www.aa-lab.com



### Frequency Response

Linear Response

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
				31.5	94.6	±2.0
				63	95.2	±1.5
				125	94.5	±1.5
				250	94.3	±1.4
25-124.9	dB SPL	Fast	94	500	94.3	±1.4
				1000	94.3	Ref
				2000	94.5	±1.6
				4000	94.2	±1.6
				8000	91.1	+2.1; -3.1

A-weighting

Setting of Unit-under-test (UUT)			App	Applied value		IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
				31.5	55.3	-39.4 ±2.0
				63	68.4	-26.2 ±1.5
				125	78.3	-16.1 ±1.5
				250	85.7	-8.6 ±1.4
25-124.9	dBA SPL	Fast	94	500	91.1	-3.2 ±1.4
				1000	94.3	Ref
				2000	95.3	+1.2 ±1.6
				4000	94.9	+1.0 ±1.6
				8000	89.8	-1.1 +2.1; -3.1

C-weighting

Setting of Unit-under-test (UUT)			App	Applied value		IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
				31.5	91.7	-3.0 ±2.0
				63	94.4	-0.8 ±1.5
				125	94.3	-0.2 ±1.5
				250	94.3	-0.0 ±1.4
25-124.9	dBC SPL	Fast	94	500	94.3	-0.0 ±1.4
				1000	94.3	Ref
				2000	94.3	-0.2 ±1.6
			2	4000	93.4	-0.8 ±1.6
				8000	88.3	-3.0 +2.1; -3.1

Certificate No.: APJ23-091-CC003



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Homepage: http://www.aa-lab.com E-mail:inquiry@aa-lab.com

## 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.

Uncertainties of Applied Value:

	T	
94 dB	31.5 Hz	± 0.10
	63 Hz	± 0.05
	125 Hz	± 0.05
	250 Hz	± 0.05
	500 Hz	± 0.05
= -	1000 Hz	± 0.05
= 1	2000 Hz	± 0.05
	4000 Hz	± 0.05
	8000 Hz	± 0.10
104 dB	1000 Hz	± 0.05
114 dB	1000 Hz	± 0.05

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.

Certificate No.: APJ23-091-CC003



# Certificate of Calibration

for

Description:

Sound Level Meter

Manufacturer:

SVANTEK

Type No.:

971 (Serial No.: 96062)

Microphone:

13905

Preamplifier:

SVANTEK SV 18 (Serial No.:C132231)

### 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 – 8kHz)

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: 27 July 2023

Date of calibration: 3 August 2023

Date of NEXT calibration: 2 August 2024

Calibrated by:

Calibration Technician

Certified by:

Mr. Ng Yan Wa Laboratory Manager

Date of issue: 3 August 2023

Certificate No.: APJ23-049-CC001

(A+A) \*L

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#### Calibration Precaution: 1.

- 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:

1006 hPa

Relative Humidity:

52.9 %

#### 3. Calibration Equipment:

Type

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)			Applied value		UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. V	Veighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
25.0-124.2	dBA	SPL	Fast	94	1000	94.0	±0.4

### Linearity

Setting of Unit-under-test (UUT)				Appl	lied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting		Time Weighting	Level, dB Frequency, Hz		dB	Specification, dB
				94		94.0	Ref
25.0-124.2	dBA	SPL	Fast	104	1000	104.0	±0.3
				114		114.0	±0.3

### Time Weighting

Sett	Setting of Unit-under-test (UUT)				ied value	UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB	
25.0.124.2	JD 4	CDI	Fast	0.4	1000	94.0	Ref	
25.0-124.2	dBA	SPL	Slow	94	1000	94.0	±0.3	

Certificate No.: APJ23-049-CC001



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### Frequency Response

### Linear Response

Sett	ing of Uni	it-under-t	est (UUT)	Appl	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. W	eighting	Time Weighting	ng Level, dB Frequency, H		dB	Specification, dB
					31.5	94.3	±2.0
					63	94.2	±1.5
					125	94.1	±1.5
					250	94.1	±1.4
25.0-124.2	24.2 dB SPL Fa	Fast	94	500	94.0	±1.4	
		ab SPL			1000	94.0	Ref
					2000	93.7	±1.6
					4000	93.1	±1.6
					8000	91.9	+2.1; -3.1

### A-weighting

Setti	ing of Uni	t-under-t	est (UUT)	Appl	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting		Time Weighting	Level, dB	Level, dB Frequency, Hz		Specification, dB
					31.5	55.3	-39.4 ±2.0
					63	68.2	-26.2 ±1.5
					125	78.0	-16.1 ±1.5
				94	250	85.4	-8.6 ±1.4
25.0-124.2	dBA	SPL	Fast		500	90.8	-3.2 ±1.4
		dba SPL			1000	94.0	Ref
					2000	94.9	+1.2±1.6
					4000	94.1	+1.0 ±1.6
					8000	90.9	-1.1+2.1; -3.1

# C-weighting

Sett	ing of Ur	nit-under-t	est (UUT)	Appl	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. V	Veighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
					31.5	91.3	-3.0 ±2.0
					63	93.3	-0.8 ±1.5
			Fast	94	125	93.9	-0.2 ±1.5
					250	94.0	-0.0 ±1.4
25.0-124.2	dBC	SPL			500	94.0	-0.0 ±1.4
					1000	94.0	Ref
					2000	93.6	-0.2 ±1.6
					4000	92.4	-0.8 ±1.6
					8000	89.1	-3.0 +2.1: -3.1

Certificate No.: APJ23-049-CC001



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### 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.

Uncertainties of Applied Value:

31.5 Hz	± 0.05
63 Hz	± 0.05
125 Hz	± 0.05
250 Hz	± 0.05
500 Hz	± 0.05
1000 Hz	± 0.05
2000 Hz	± 0.05
4000 Hz	± 0.05
8000 Hz	± 0.10
1000 Hz	± 0.05
1000 Hz	± 0.05
	63 Hz 125 Hz 250 Hz 500 Hz 1000 Hz 2000 Hz 4000 Hz 8000 Hz 1000 Hz

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.

Certificate No.: APJ23-049-CC001



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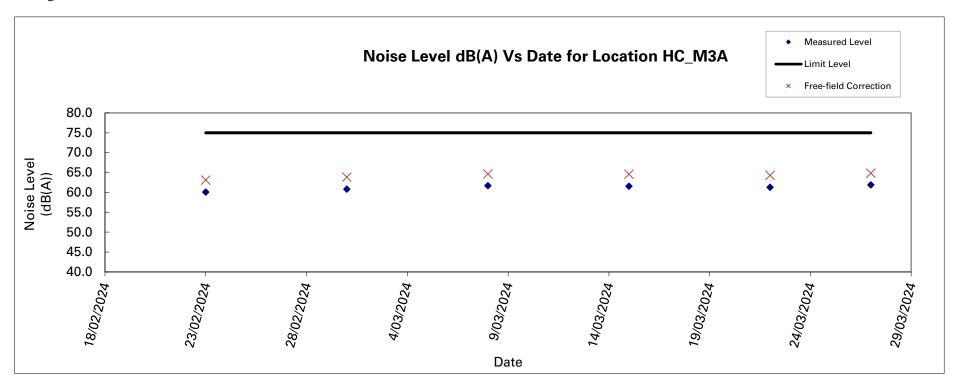
Appendix 3.2	<b>Event and Action Plan for Noise Exceedance</b>	

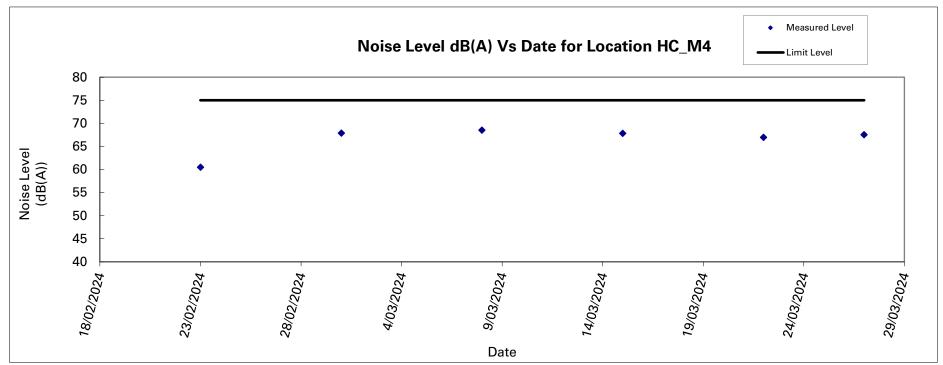
### **Event and Action Plan for Noise**

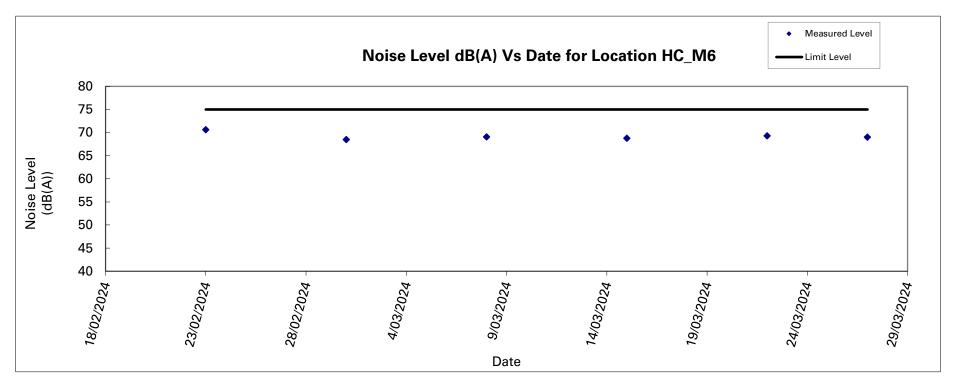
Event	ET	IEC	ER	Contractor
Action Level	<ol> <li>Notify ER, IEC and Contractor;</li> <li>Carry out investigation;</li> <li>Report the results of investigation to the IEC, ER and Contractor;</li> <li>Discuss with the IEC and the Contractor and formulate remedial measures; and</li> <li>Increase monitoring frequency to check the effectiveness of mitigation measures.</li> </ol>	Review the investigation results submitted by the ET;     Review the proposed remedial measures by the Contractor and advise the ER accordingly; and     Advise the ER on the effectiveness of the proposed remedial measures.	Confirm receipt of notification of failure in writing;     Notify Contractor;     In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; and     Supervise the implementation of remedial measures.	Submit noise mitigation proposals to IEC and ER; and     Implement noise mitigation proposals.
Limit Level	<ol> <li>Notify IEC, ER, EPD, and Contractor;</li> <li>Identify source and investigate the cause of exceedance;</li> <li>Repeat measurement to confirm findings;</li> <li>Increase monitoring frequency;</li> <li>Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented;</li> <li>Discuss with the IEC, Contractor and ER on remedial measures required;</li> <li>Assess the effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; and</li> <li>If exceedance stops, cease additional monitoring.</li> </ol>	1. Discuss amongst ER, and Contractor on the potential remedial actions; and 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly.	<ol> <li>Confirm receipt of notification of failure in writing;</li> <li>Notify Contractor;</li> <li>In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;</li> <li>Supervise the implementation of remedial measures; and</li> <li>If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated.</li> </ol>	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC and ER within 3 working days of notification; 3. Implement the agreed proposals; 4. Submit further proposal if problem still not under control; and 5. Stop the relevant portion of works as determined by ER, until the exceedance is abated.

Appendix 3.3	Impact Noise Monitoring Data	

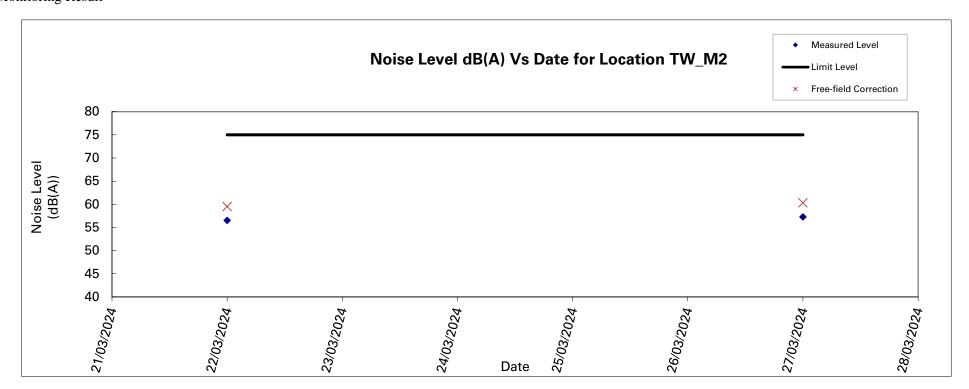


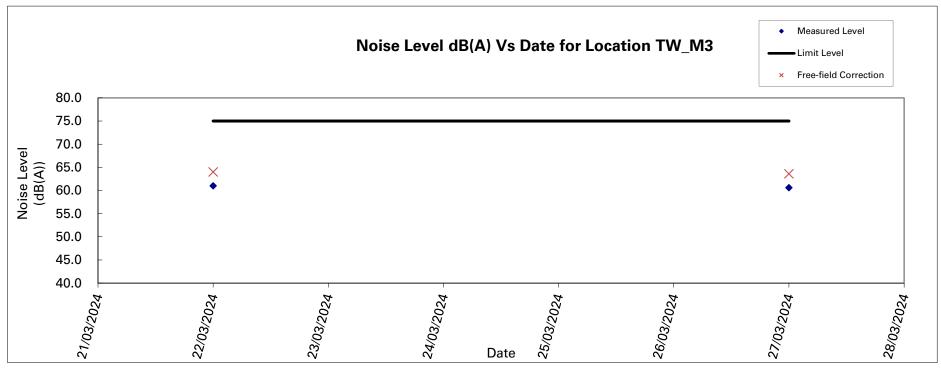




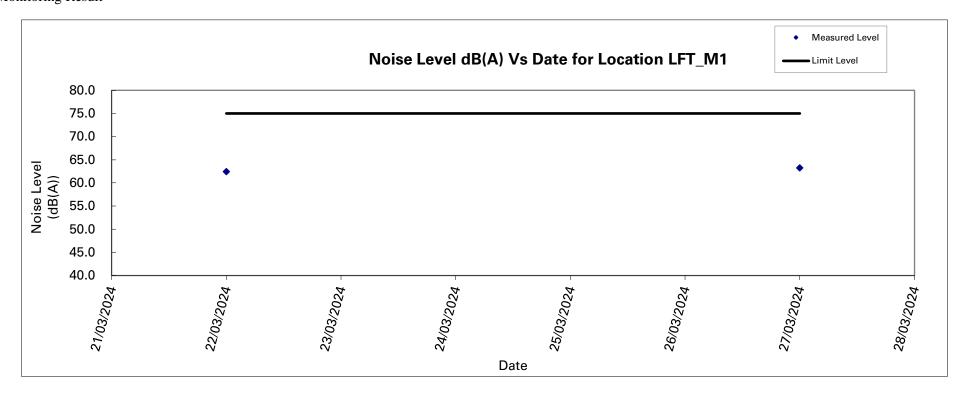


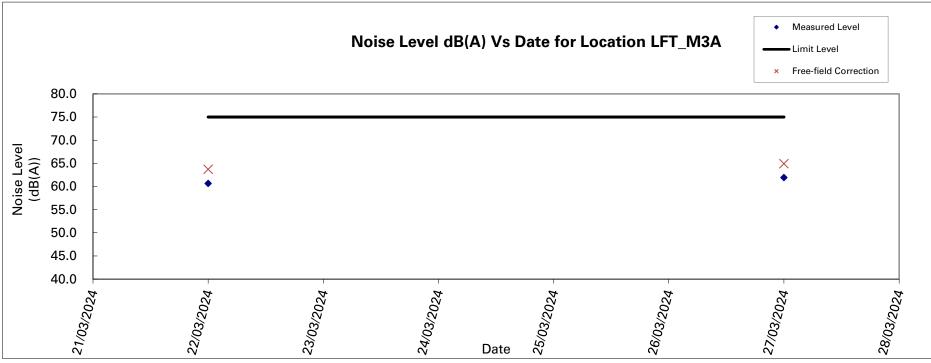


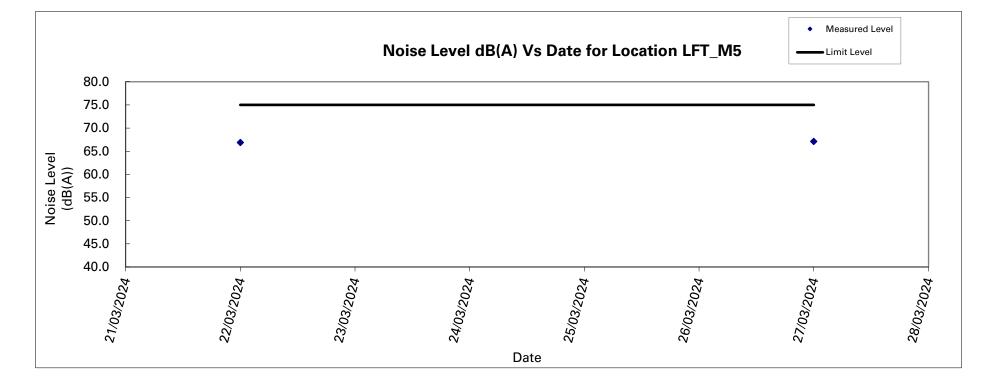




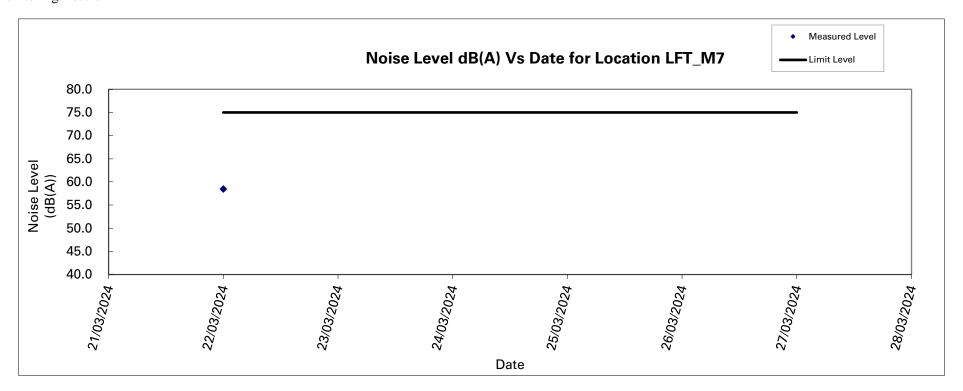


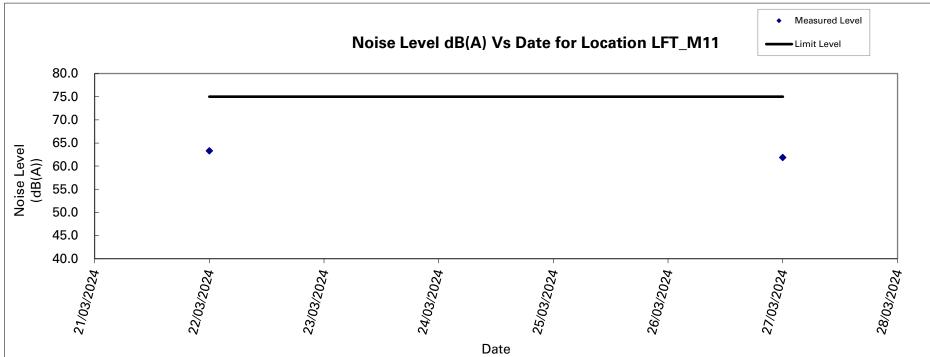














### Noise Level Results at HC\_M3A

							Leq-5min	, dB(A)			Leq-	Leq-30min with
											30min,	free-field
Date	Time		Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	dB(A)	correction, dB(A)	
01/03/2024	10:18	-	10:48	Fine	61.0	58.8	58.5	62.1	61.6	61.7	60.8	63.8
08/03/2024	11:03	-	11:33	Sunny	62.3	60.2	62.5	62.5	60.7	61.3	61.7	64.7
15/03/2024	14:17	-	14:47	Sunny	60.6	60.7	62.4	62.4	61.5	61.4	61.6	64.6
22/03/2024	8:54	-	9:24	Cloudy	62.7	61.0	61.5	62.4	58.9	60.1	61.3	64.3
27/03/2024	9:41	-	10:11	Cloudy	60.2	62.5	61.8	61.6	62.1	62.6	61.9	64.9
											Max	Min
											64.9	63.8

### Noise Level Results at HC\_M4

						Leq-					
Date		Time	<b>!</b>	Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	30min, dB(A)
01/03/2024	9:41	-	10:11	Fine	67.9	68.9	68.2	66.8	68.3	67.0	67.9
08/03/2024	10:24	<b>-</b>	10:54	Sunny	68.2	69.2	68.5	68.6	68.1	68.5	68.5
15/03/2024	13:41	-	14:11	Sunny	68.5	67.0	67.8	66.2	69.0	67.8	67.8
22/03/2024	9:17	-	9:47	Cloudy	66.1	65.8	66.3	66.2	68.5	68.2	67.0
27/03/2024	9:09	T-	9:39	Cloudy	66.6	67.8	67.5	67.9	68.3	67.1	67.6
										Max	Min
										68.5	67.0

							Leq-5min	, dB(A)			Leq-
				l		(=)	- 11 (-)	- 11 (1)	/=\	- 11 (-)	30min,
Date		Time	:	Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	dB(A)
01/03/2024	9:03	-	9:33	Fine	70.1	69.3	67	67.2	67.6	68.9	68.5
08/03/2024	9:47	-	10:17	Sunny	68.9	68.8	70.3	69.4	68.5	68.3	69.1
15/03/2024	13:08	-	13:38	Sunny	69.1	69.9	68.6	69.6	67.3	67.3	68.8
22/03/2024	8:41	-	9:11	Cloudy	70.2	67.5	69.7	67.9	69.8	69.8	69.3
27/03/2024	8:34	-	9:04	Cloudy	67.7	70.7	68.4	68.5	66.5	70.6	69.0
										Max	Min
										69.3	68.5



Noise Level Results at TW\_M2

					Leq-5min, dB(A)							Leq-30min with
						30min,						
Date	7	ime	9	Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	dB(A)	correction, dB(A)
22/03/2024	14:58	-	15:28	Cloudy	56.3	57.1	55.9	56.3	56.6	56.8	56.5	59.5
27/03/2024	15:11	-	15:41	Cloudy	58.1	56.9	57.7	57.1	56.2	57.5	57.3	60.3
•											Max	Min
											60.3	59.5

Noise Level Results at TW\_M3

					Leq-5min, dB(A)						Leq-	Leq-30min with
											30min,	free-field
Date		Time	e	Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	dB(A)	correction, dB(A)
22/03/2024	15:37	-	16:07	Cloudy	60.4	61.5	61.1	61.7	60.3	60.9	61.0	64.0
27/03/2024	15:58	-	16:28	Cloudy	59.7	60.1	60.7	60.3	61.5	61.1	60.6	63.6
											Max	Min
											64.0	63.6



# Noise Level Results at LFT\_M1

						Leq-5min, dB(A)						
											30min,	
Date	٦	Гime		Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	dB(A)	
22/03/2024	13:58	-	14:28	Cloudy	62.3	63.7	61.4	61.9	62.8	62.2	62.4	
27/03/2024	14:04	-	14:34	Cloudy	61.5	63.9	63.1	63.7	62.4	64.2	63.2	
										Max	Min	
										63.2	62.4	

Noise Level Results at LFT M3A

					Leq-5min, dB(A)						Leq-	Leq-30min with
											30min,	free-field
Date		Time	9	Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	dB(A)	correction, dB(A)
22/03/2024	11:16	-	11:46	Cloudy	60.3	61.5	61.1	60.9	60.4	59.7	60.7	63.7
27/03/2024	11:22	-	11:52	Cloudy	62.7	62.2	61.9	61.7	61.1	61.8	61.9	64.9
											Max	Min
											64.9	63.7

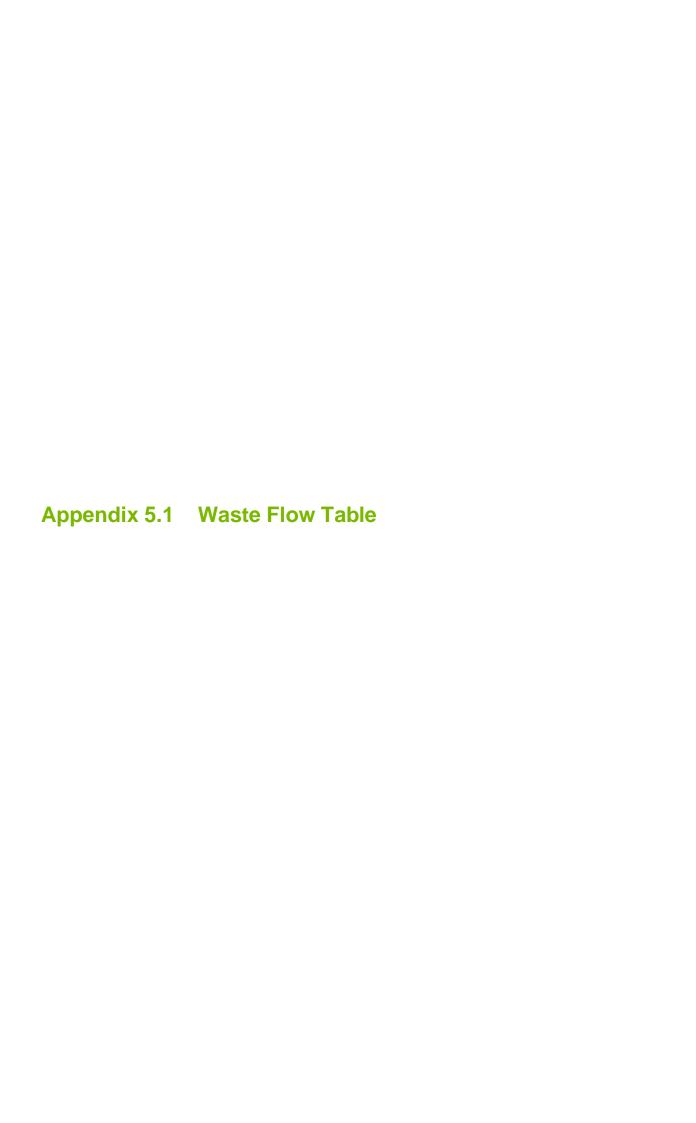
Noise Level Results at LFT\_M5

						Leq-5min, dB(A)						
											30min,	
Date	٦	Γime		Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	dB(A)	
22/03/2024	10:31	-	11:01	Cloudy	67.2	66.8	65.9	65.9	66.2	68.7	66.9	
27/03/2024	10:45	-	11:15	Cloudy	66.8	67.7	67.2	66.3	66.9	67.5	67.1	
										Max	Min	
										67.1	66.9	

Noise Level R	tesuits at L	F1_IVI/											
						Leq-5min, dB(A)							
Date	Time \			Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	dB(A)		
22/03/2024	9:52	-	10:22	Cloudy	59.8	58.1	58.8	58.4	57.2	58.1	58.5		
•										Max	Min		
										58.5	58.5		

Noise Level Results at LFT\_M11

					Leq-5min, dB(A)							
Date		Time		Weather	Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)	30min, dB(A)	
22/03/2024		T-T	13:37	Cloudy	62.3	63.4	64.1	64.4	63.2	61.9	63.3	
27/03/2024	13:12	1-1	13:42	Cloudy	61.7	62.5	62.9	61.7	60.7	61.2	61.8	
										Max	Min	
										63.3	61.8	

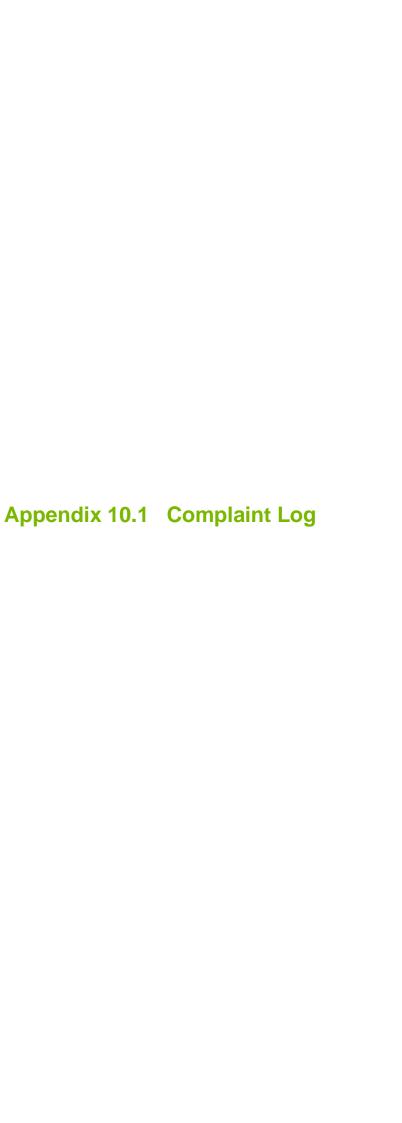


Contract No.: DC/2022/02

# **Monthly Summary Waste Flow Table**

	Ac	tual Quantitie	s of Inert C&D	Materials Ge	nerated Montl	hly	Actua	Actual Quantities of C&D Wastes Generated Monthly				
Month	Total Quantity of Materials Generated	Hard Rock, Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse	
	(in '000 m <sup>3</sup> )	(in '000 m <sup>3</sup> )	(in '000 m <sup>3</sup> )	(in '000 m <sup>3</sup> )	(in '000 m <sup>3</sup> )	(in '000 m <sup>3</sup> )	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 m <sup>3</sup> )	
Feb	0.053	0.046	0.000	0.000	0.053	0.000	0.000	0.000	0.000	0.000	0.030	
Mar	0.437	0.098	0.000	0.000	0.437	0.000	0.000	0.000	0.000	0.000	0.055	
Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
June	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Half Year Sub-total	0.490	0.144	0.000	0.000	0.490	0.000	0.000	0.000	0.000	0.000	0.085	
July	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
August	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
September	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
October	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
November	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
December	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
2024 Total	0.490	0.144	0.000	0.000	0.490	0.000	0.000	0.000	0.000	0.000	0.085	
Jan	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Feb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Mar	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
June	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Half Year Sub-total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
July	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
August	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
September	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
October	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
November	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
December	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
2025 Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Accumulated Total	0.490	0.144	0.000	0.000	0.490	0.000	0.000	0.000	0.000	0.000	0.085	

Remarks: 1 tonne = 2m<sup>3</sup>





### Statistical Summary of Environmental Complaints

Reporting	<b>Environmental Complaint Statistics</b>								
Period	Frequency	Cumulative	Complaint Nature						
1 Mar 2024 - 31 Mar 2024	0	0	N/A						

### Statistical Summary of Environmental Summons

Reporting	<b>Environmental Summons Statistics</b>								
Period	Frequency	Cumulative	Details						
1 Mar 2024 -	0	0	N/A						
31 Mar 2024	U	U	IV/A						

## Statistical Summary of Environmental Prosecution

Reporting Period	Environmental Prosecution Statistics								
	Frequency	Cumulative	Details						
1 Mar 2024 -	0	0	N/A						
31 Mar 2024	U	U	IVA						

Appendix 11.1	Impact Monitoring Schedule of Next Reporting Month

		Impact Noise & Water Monitoring S	chedule for Contract No. DC/2022/02 Drainage In	nprovement Works	at Yuen Long Stage 2 (Version 0)	
			April 2024			
Sun	Mon	Tue	Wed	Thur	Fri S	Sat
	1	2	Water quality monitoring at C6, C7A, C8 C9 and C10	4	Noise monitoring at HC_M3A, HC_M4, HC_M6, LFT_M1, LFT_M3A, LFT_M5, LFT_M7, and LFT_M11 Water quality monitoring at C6, C7A, C8, C9 and C10	
7	_ · ·	oring at C6, C7A, C8, d C10	Water quality monitoring at C6, C7A, C8 C9 and C10	11	Noise monitoring at HC_M3A, HC_M4, HC_M6, LFT_M1, LFT_M3A, LFT_M5, LFT_M7, and LFT_M11  Water quality monitoring at C6, C7A, C8, C9 and C10	1.3
14	Water quality monitoring at C6, C7A, C8, C9 and C10		Water quality monitoring at C1A, C2, C3A, C6, C7A, C8, C9 and C10	18	Noise monitoring at SSNV_M2, SSNV_M3, SSNV_M6, HC_M3A, HC_M4, HC_M6, LFT_M1, LFT_M3A, LFT_M5, LFT_M7, and LFT_M11 Water quality monitoring at C1A, C2, C3A, C6, C7A, C8, C9 and C10	20
21		itoring at C1A, C2, C8, C9 and C10	Water quality monitoring at C1A, C2, C3A, C6, C7A, C8, C9 and C10	25	Noise monitoring at SSNV_M2, SSNV_M3, SSNV_M6, HC_M3A, HC_M4, HC_M6, LFT_M1, LFT_M3A, LFT_M5, LFT_M7, and LFT_M11 Water quality monitoring at C1A, C2, C3A, C6, C7A, C8, C9 and C10	27
28		itoring at C1A, C2, C8, C9 and C10				

Noise Monitoring Locations:

Noise monitoring stations at Ha Che: HC\_M3A, HC\_M4, and HC\_M6

Noise monitoring stations at Tai Wo: TW\_M2 and TW\_M3

Noise monitoring stations at Lin Fa Tei: LFT\_M1, LFT\_M3A, LFT\_M5, LFT\_M7, and LFT\_M11

Noise monitoring stations at Sung Shan New Village: SSNV\_M2, SSNV\_M3, and SSNV\_M6

Water Monitoring Locations:

Water quality monitoring stations at Ha Che: C9 and C10

Water quality monitoring stations at Tai Wo: C4 and C5

Water quality monitoring stations at Lin Fa Tei: C6, C7A, and C8

Water quality monitoring stations at Sung Shan New Village: C1A, C2, and C3A

# Remarks:

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

2. As stipulated in EP No.: EP-596/2021 condition 3.2 and confirmed by the Contractor, no construction work is scheduled at Tai Wo between April 2024 and September 2024. Thus, impact noise monitoring and impact water quality monitoring, will be suspended between April 2024 and September 2024.

3. As confirmed by the contractor, no construction work is scheduled at Lin Fa Tei and Ha Che during the public holiday (i.e. 1 April 2024). Thus, no impact noise monitoring and impact water quality monitoring is scheduled on 1 April 2024 and 4 April 2024.

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