



**土木工程拓展署**  
**Civil Engineering and**  
**Development Department**

**Service Contract No. WD/02/2021**



**Environmental Team for Hung Shui Kiu/Ha Tsuen**  
**New Development Area Stage 1 –**  
**Site Formation and Engineering Infrastructure**

**Monthly EM&A Report**  
**(March 2025)**

**(Environmental Permit No. EP-528/2017)**

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**By Post and Email**

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**Attn: Mr. HO Kai Ho, Stanley, Chief Engineer/ West 4**

Dear Mr. HO,

**Agreement No. WD/01/2021  
Hung Shui Kiu / Ha Tsuen New Development Area Stage 1 Works –  
Independent Environmental Checker  
Verification of Monthly EM&A Report (March 2025)**

Reference is made to the captioned report (Document No. ASCL / 210168223 / MRPT28 / 2.0 dated 9 April 2025) provided by the Environmental Team (ET) with the ET Leader's certification. We hereby verify the captioned for submission under Condition 3.4 of Environmental Permit No. EP-528/2017.

Yours faithfully,  
For and On Behalf Of  
**Lam Environmental Services Limited**

Raymond Dai  
Independent Environmental Checker

c.c.: Acuity Sustainability Consulting Limited  
Mott MacDonald Hong Kong Limited (Site office)

Mr. F.C. Tsang  
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(By email)  
(By email)

## Revision History

Rev.	Description of Modification	Date
1.	First issue for comments	7/4/2025
2.	Response to IEC's comments	9/4/2025

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## EXECUTIVE SUMMARY

This is the 28<sup>th</sup> Monthly Environment Monitoring and Audit (EM&A) Report for Hung Shui Kiu/ Ha Tsuen New Development Area Stage 1 Works – Site Formation and Engineering Infrastructure (the Project). This report was prepared by Acuity Sustainability Consulting Limited under Service Contract No. WD/02/2021 Environmental Team for Hung Shui Kiu / Ha Tsuen New Development Area Stage 1 Works – Site Formation and Engineering Infrastructure (hereinafter called the “Service Contract”). This report documents the findings of EM&A works during the reporting period from 1 March to 31 March 2025.

The project construction commenced on 5 December 2022 and the construction phase EM&A programme started on 6 December 2022.

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

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

- Earthworks at Road D1
- Construction of drainage system at Road D1

### *Environmental Monitoring and Audit Programme*

The monthly EM&A programme was undertaken by the ET in accordance with the Updated EM&A Manual. A summary of the monitoring and audit activities during the reporting period is presented below:

**Table I Summary of EM&A activities in the Reporting Period**

EM&A Activities	Date
Water Quality Monitoring	3, 5, 7, 10, 12, 14, 17, 19, 21, 24, 26, 28 and 31 March 2025
Weekly Environmental Site Inspection	6, 13, 20 and 27 March 2025

### *Breaches of Action and Limit Levels*

A summary of the environmental exceedances of the reporting month is tabulated in **Table II**.

**Table II Summary of Exceedance 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 project		Total No. of exceedance related to the project
		AL	LL		AL	LL	
Water Quality	pH	0	0	0	0	0	0
	DO	0	0	0	0	0	0
	Turbidity	0	0	0	0	0	0
	SS	0	0	0	0	0	0

### Water Quality

No Action or Limit Level exceedance was recorded during impact water quality monitoring in the reporting period.

### Complaint Log

No environmental complaint was received in the reporting period.

### Notification of Summons and Successful Prosecutions

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

### Reporting Changes

There was no reporting change in the reporting period.

### Future Key Issues

The major site activities for the coming months are summarized below:

- Earthworks at Road D1
- Construction of drainage system at Road D1

# 1 Introduction

## *Project Background*

- 1.1. The Hung Shui Kiu/ Ha Tsuen (“HSK/HT”) NDA occupies an area of approximately 714 ha and is located in the north-western part of the New Territories, midway between Tuen Mun and Tin Shui Wai New Towns. It is bounded by Tin Ying Road/ Ping Ha Road/ Kiu Hung Road to the east, Castle Peak Road to the south, Kong Sham Western Highway (“KSWH”) to the west, and Tin Ha Road, Lau Fau Shan Road and hillslopes along Deep Bay Road to the north. In the wider context, the proposed Project is strategically located in close proximity to Shenzhen, particularly Shenzhen Bay Control Point, Qianhai, and Shekou and efficiently linked with the Greater Pearl River Delta (“PRD”) region. The KSWH and the possible highway connecting the Project area with the Tuen Mun - Chek Lap Kok Link, the Hong Kong International Airport, Kwai Tsing Container Terminals, and the Hong Kong-Zhuhai-Macao Bridge and its Boundary Crossing facilities. New strategic highway infrastructure connecting the Project area with the urban area will also be planned to address the long-term development needs of North West New Territories (“NWNT”). The proposed West Rail Hung Shui Kiu Station (“HSK Station”), with its alignment traversing the Project allows convenient and efficient access to and from the Project area.
- 1.2. The works under HSK/HT NDA Stage 1 works comprises the construction of interim section of new distributor road (Road D1) (hereinafter call “the Project”) that is a designated project (“DP”) (defined under item A1 in Schedule 2 of the Environmental Impact Assessment Ordinance) connecting the site for the first batch of multi-storey buildings (“MSBs”) at Sites 3-6, 3-7 and 3-8 to the existing Ha Tsuen Roundabout of KSWH.
- 1.3. The HSK/HT NDA Stage 1 works would be implemented under a fast track programme, involving various complex tasks for providing infrastructure and forming the five development sites to be conducted in parallel, so as to tie in with operation of the development MSBs or other land-efficient means and population intake of the village resite house in 2025 tentatively.
- 1.4. The scope of works for interim section of Road D1 comprise the followings:
  - (i) Site formation works for Site 3-7 and Site 3-8;
  - (ii) Land decontamination works including ground investigation works for Site 3-7 and Site 3-8 and other areas within the boundaries of the site;
  - (iii) Construction of a district distributor road connecting to the existing interchange underneath KSWH, construction of local roads, widening of a section of Fung Kong Tsuen Road and associated junction/ road improvements; and
  - (iv) Engineering infrastructure works comprising sewerage works (including a pumping station), drainage works (including a detention pond), waterworks and landscaping works.

- 1.5. Pursuant to the Environmental Impact Assessment Ordinance (EIAO), the Director of Environmental Protection Department (EPD) granted the Environmental Permits (Nos.: EP-526/2017, EP-527/2017, EP-528/2017, EP-529/2017, EP-530/2017 and EP-531/2017) to the CEDD for the Project. The HSK/HT NDA Stage 1 works comprise the interim section of Road D1 that is governed under Environmental Permit No. EP-528/2017. No other DPs are identified within the scope of HSK/HT NDA Stage 1 works.
- 1.6. Acuity Sustainability Consulting Limited (ASCL) is commissioned by the Civil Engineering and Development Department (CEDD) to undertake the Environmental Team (ET) services as required and/ or implied, both explicitly and implicitly, in the Environmental Permit (EP), Environmental Impact Assessment (EIA) Report (Register No. AEIAR-203/2016) and Environmental Monitoring and Audit (EM&A) Manual for the Project; and to carry out the EM&A programme in fulfillment of the EIA Report's, EM&A requirements under Service Contract No. WD/02/2021.
- 1.7. For the construction phase of the Project, the construction has been commenced on 5 December 2022 and the construction phase EM&A programme was started on 6 December 2022.
- 1.8. This is the 28<sup>th</sup> Monthly EM&A Report summarizing the key findings of the construction phase EM&A programme from 1 March to 31 March 2025 (the reporting period) and is submitted to fulfill the requirements in Condition 3.4 of EP-528/2017 and Section 15.3 of the Updated EM&A Manual of the Project.

#### *Construction Works Programme and Construction Works Area*

- 1.9. The construction works commenced on 5 December 2022. The construction works programme and the construction works area of the Project are shown in **Appendix A** and **Figure 1** respectively. A summary of construction activities undertaken during this reporting period is presented below:
  - Earthworks at Road D1
  - Construction of drainage system at Road D1

#### *Project Organization*

- 1.10. Different parties with different levels of involvement in the Project organization include:
  - Project Proponent: Civil Engineering and Development Department (CEDD)
  - Supervisor / Engineer's Representative (ER): Mott MacDonald Hong Kong Limited
  - Contractor: China Geo-Engineering Corporation
  - Environmental Team (ET): Acuity Sustainability Consulting Limited
  - Independent Environmental Checker (IEC): Lam Environmental Services Limited
- 1.11. The key personnel contact names and numbers are summarized in **Appendix B**.

### *License, Notifications and Permits*

- 1.12. A summary of the relevant permits, licences, and/ or notifications on environmental protection for this Project is presented in **Table 1.1**.

**Table 1.1 Status of Environmental License, Notifications and Permits**

Permit / License No.	Valid Period		Status
	From	To	
Environmental Permit			
EP-528/2017	21/02/2017	N/A	Valid
Notification pursuant to Air Pollution Control (Construction Dust) Regulation			
467008	29/04/2021	N/A	Valid
Billing Account for Disposal of Construction Waste			
7040500	13/05/2021	N/A	Valid
Registration of Chemical Waste Producer			
467007	29/04/2021	N/A	Valid
Effluent Discharge License under Water Pollution Control Ordinance			
WT00043404-2023	26/04/2023	30/04/2028	Valid
WT00043642-2023	26/04/2023	30/04/2028	Valid
WT00044131-2023 <sup>(1)</sup>	16/08/2023	31/08/2028	Valid
WT10001907-2023	07/11/2023	30/11/2028	Valid
Construction Noise Permit			
GW-RN0066-25	29/01/2025	28/03/2025	Expired during the reporting period
GW-RN0349-25	30/03/2025	29/05/2025	Valid

Remark:

- (1) The effluent discharge license No. WT00044131-2023 has been updated with the variation in changing in construction site boundary and maximum daily flow, and adding wastewater treatment facilities, discharge point and sampling point near Ping Ha Road (Portion C1). The variation of application of the effluent discharge license was submitted on 19 August 2024 and was approved by the EPD on 1 November 2024.

### *Submission Status under Environmental Permit*

- 1.13. The summary of submission status under Environmental Permit EP-528/2021 was presented in **Appendix K**.

## 2 Air Quality

### *Monitoring Requirement*

- 2.1. In accordance with the Updated EM&A Manual, the ET shall carry out impact monitoring during the construction phase of the Project. 1-hour Total Suspended Particulates (TSP) should be conducted at a frequency of at least three times in every six days when the highest dust impact occurs.

### *Monitoring Location*

- 2.2. According to the Updated EM&A Manual, the designated locations for impact air quality monitoring are listed in **Table 2.1** and their locations are shown in **Figure 2.1**.

**Table 2.1 Summary of Proposed Air Quality Monitoring Location**

Station(s)	EIA ID	Monitoring Location
AM23	P1032	Planned Port Back-up, Storage and Workshop (at Site 3-6)
AM24	P1501	Planned Port Back-up, Storage and Workshop (at Site 3-8)
AM25a	-	San Wai Sewage Treatment Plant near the Planned Port Back-up, Storage and Workshop (at Site 3-14)

- 2.3. In accordance with Table A2.4 in Appendix A of the Updated EM&A Manual, impact air quality monitoring will be carried out at monitoring stations AM23, AM24 and AM25a after the occupation of the planned port back-up, storage, and workshop.
- 2.4. As confirmed with the Engineer Representative (ER), the planned port back-up, storages, and workshops at Site 3-6, Site 3-8 and Site 3-14 are not constructed yet. Thus, the impact air quality monitoring will be carried out at AM23, AM24 and AM25a after the construction and occupation of these planned port back-up, storages, and workshops. No air quality monitoring was carried out in this reporting month.

### 3 Water Quality

#### *Monitoring Requirement*

- 3.1. In accordance with the Updated 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.
- 3.2. 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.

#### *Monitoring Location*

- 3.3. Impact water quality monitoring was conducted at 6 monitoring stations which are summarized in **Table 3.1**. The locations of water quality monitoring stations are shown in **Figure 3.1**.

**Table 3.1 Summary of Impact Water Quality Monitoring Stations**

Station	Description	Easting	Northing
U1	Upstream Station	815936	834150
U2	Upstream Station	816240	834009
SW	Gradient station (Downstream of U1 and the construction site of Road D1)	816304	834321
HT	Gradient station (Downstream of U2 and the construction site of Road D1)	816866	834314
TKW1	Gradient station (Downstream of the construction site of Road D1)	816563	834686
TKW	Gradient station (Downstream of TKW1 and construction site of Road D1)	816594	834690

**Remark:**

The original water quality monitoring station DB was surrounded by scrubs and vegetation and located along the steep slope of the hill to south-west of Fung Kong Tsuen. The watercourse runs towards the north of Road D1, but no downstream watercourse was identified. Thus, water quality monitoring station DB is not recommended for this Contract without upstream/ downstream monitoring locations identified. An updated water quality monitoring stations TKW and TKW1 were proposed by the ET and approved by the IEC and the EPD.

#### *Monitoring Parameter and Frequency*

- 3.4. The parameters that have been selected for measurement in-situ and in the laboratory are those that are either determined in the EIA to be those that are likely be affected by the

construction works or a standard check on water quality conditions. Parameters to be measured in the impact water quality monitoring are listed in **Table 3.2**.

**Table 3.2 Parameters measured in the Impact Water Quality Monitoring**

Parameters	Units	Abbreviations	Frequency
<i>In-situ measurements</i>			3 days per week
Dissolved oxygen	mg/L	DO	
Dissolved oxygen saturation	%	DO%	
Temperature	°C	-	
pH	-	-	
Turbidity	NTU	-	
<i>Laboratory measurements</i>			
Suspended Solids	mg/L	SS	

- 3.5. Monitoring location and position, time, sampling depth, weather conditions and any special phenomena or work underway nearby were also recorded.

#### *Sampling Depths & Replication*

- 3.6. During impact water quality monitoring, each station was sampled, and measurements/ water samples were taken at three depths, 1 m below the water surface, mid-depth and 1 m above riverbed. If the water depth was less than 6 m, mid-depth might be omitted. If the water depth was less than 3 m, mid-depth sampling only. For *in situ* measurements, duplicate readings were made at each water depth at each station. Duplicate water samples were collected at each water depth at each station.

#### *Monitoring Equipment*

- 3.7. A multi-parameter meter (Model YSI ProDSS Multi Parameters) was used to measure DO, turbidity, salinity, pH, and temperature.

#### Dissolved Oxygen and Temperature Measuring Equipment

- 3.8. 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.
- 3.9. The equipment had a membrane electrode with automatic temperature compensation complete with a cable.

- 3.10. Sufficient stocks of spare electrodes and cables were available for replacement where necessary.

#### Turbidity Measurement Equipment

- 3.11. Turbidity was measured *in situ* by using the nephelometric method. The instrument was portable and weatherproof using a DC power source complete with cable, sensor and comprehensive operation manuals. The equipment was capable of measuring turbidity between 0 and 1000 NTU. The probe cable was not less than 25 m in length.

#### Water Depth Detector

- 3.12. A portable, battery-operated and handheld echo sounder was used for the determination of water depth at each designated monitoring station.

#### pH

- 3.13. The instrument was consisting of a potentiometer, a glass electrode, a reference electrode and a temperature-compensating device. It was readable to 0.1 pH value in a range of 0 to 14. Standard buffer solutions of at least pH 7 and pH 10 were used for calibration of the instrument before and after use.

#### Sample Container and Storage

- 3.14. Following collection, water samples for laboratory analysis were stored in high density polyethylene bottles with appropriate preservatives added, packed in the ice (cooled to 4 °C without being frozen). The sample were delivered to Acumen Laboratory and Testing Limited (ACUMEN) (HOKLAS Registration No. 241) and analysed as soon as possible after collection of the water samples. Sufficient volume of samples was collected to achieve the detection limit.

#### Calibration of *In Situ* Instruments

- 3.15. The pH meter, DO meter and turbidimeter were checked and calibrated before use. DO meter and turbidimeter were certified before use and subsequently recalibrated at quarterly basis throughout all stage of water quality monitoring programme. Response of sensors and electrodes were checked with certified standard solutions before each use. Wet bulb calibration for a DO meter was carried out before measurement.
- 3.16. For the on-site calibration of field equipment (Multi-parameter Water Quality System), the BS 1427:2009, “Guide to on-site test methods for analysis of waters” was observed.

#### Back-up Equipment

- 3.17. Sufficient stocks of spare parts were maintained for replacements when necessary. Backup monitoring equipment was also be made available so that monitoring can proceed uninterrupted even when some equipment is under maintenance, calibration, etc.
- 3.18. **Table 3.3** 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 E**.

**Table 3.3 Water Quality Monitoring Equipment**

Equipment	Brand and Model Number (Serial Number)	Quantity
Multi-parameter Water Quality System	YSI ProDSS Multi Parameters (15M101091)	1
Multi-parameter Water Quality System	YSI ProDSS Multi Parameters (22D100436)	1

### *Monitoring Methodology*

- 3.19. A multi-parameter meter (Model YSI ProDSS Multi Parameters) was used to measure DO, turbidity, salinity, pH and temperature.

### Operating/ Analytical Procedures

- 3.20. At each measurement, two consecutive measurements of DO concentration, DO saturation, salinity, turbidity, pH and temperature were taken. The probes were retrieved out of water after the first measurement and then re-deployed for the second measurement. Where the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

### Laboratory Analytical Methods

- 3.21. Duplicate samples from each independent sampling event are required for all parameters. Analysis of suspended solids were carried out by ACUMEN and comprehensive quality assurance and control procedures in place in order to ensure the quality and consistency of the results. The reporting limit and detection limit are provided in **Table 3.4** and the detection limits for the *in-situ* measurement are shown in **Table 3.5**.

**Table 3.4 Method for Laboratory Analysis for Water Samples**

Determinant	Proposed Method	Limit of Reporting
Total Suspended Solid (SS)	APHA 2540 D	1.0 mg/L

**Table 3.5 Detection Limits and Precision for Water Quality Parameters**

Parameters	Detection limit	Accuracy	Precision
DO	0 – 20 mg/L	± 0.1 mg/L	25%
Temperature	0 – 45 °C	± 0.1 °C	
pH	0 – 14	± 0.1	
Turbidity	0 – 1000 NTU	± 2 NTU	

### *QA/QC Requirements*

#### Decontamination Procedures

- 3.22. 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

- 3.23. All sampling bottles were labelled with the sample ID numbers (including the sampling station), 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 °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.

#### Quality Control Measures for Sample Testing

- 3.24. Quality control of laboratory analysis of water samples was performed by ACUMEN for every batch of 20 samples:
- One method blank; and
  - One set of QC sample.

### *Event and Action Plan*

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

### *Results and Observations*

- 3.26. The water quality monitoring schedule for this reporting month is shown in **Appendix D**.
- 3.27. The monitoring results and graphical presentation of water quality monitoring at the monitoring stations are shown in **Appendix F**. No Action or Limit Level exceedance was recorded during impact water quality monitoring in the reporting period. A summary of exceedance records is presented in **Table 3.6**.

**Table 3.6 Summary of Exceedance Records of Water Quality Monitoring**

Parameter	No. of non-project related exceedances		Total No. of non-project related exceedances	No. of exceedance related to the Project		Total No. of exceedance related to the Project
	AL	LL		AL	LL	
pH	0	0	0	0	0	0
Dissolved Oxygen	0	0	0	0	0	0
Turbidity	0	0	0	0	0	0
Suspended Solids	0	0	0	0	0	0

- 3.28. In view of the non-project related exceedances of Action and Limit Levels recorded frequently in December 2022, review of the water quality baseline condition was proposed to reflect the baseline condition during the dry season and to reduce the number of false alarms.
- 3.29. A baseline water quality monitoring during the dry season was conducted between 6 December 2022 and 30 December 2022. The updated Baseline Monitoring Report was submitted to IEC and verified on 24 March 2023, and the derived dry season Action and Limit Levels was adopted to review the water quality monitoring results during the reporting period.
- 3.30. The derived dry season Action and Limit Levels for water quality monitoring will be applied to the monitoring period between November and March, and the derived wet season Action and Limit Levels will be applied between April and October. The (dry season) Action and Limit Levels for this reporting period are presented in **Table 3.8**.

**Table 3.8 Derived Dry Season Action and Limit Levels for Water Quality**

Parameters	Action Levels	Limit Levels
<b>SW</b>		
DO (mg/L)	2.3	2.1
Turbidity (NTU)	22.0	22.3
SS (mg/L)	8.8	10.5
pH	Less than 6.6 or greater than 8.4	Less than 6.5 or greater than 8.5
<b>HT</b>		
DO (mg/L)	2.2	2.1
Turbidity (NTU)	18.2	20.1
SS (mg/L)	7.2	7.5
pH	Less than 6.6 or greater than 8.4	Less than 6.5 or greater than 8.5
<b>TKW1</b>		
DO (mg/L)	2.1	2.0

Parameters	Action Levels	Limit Levels
Turbidity (NTU)	16.4	17.6
SS (mg/L)	7.1	7.8
pH	Less than 6.6 or greater than 8.4	Less than 6.5 or greater than 8.5
TKW		
DO (mg/L)	2.2	2.2
Turbidity (NTU)	26.0	26.7
SS (mg/L)	7.0	7.1
pH	Less than 6.6 or greater than 8.4	Less than 6.5 or greater than 8.5

Notes:

- (1) For DO, non-compliance of the water quality limit occurs when monitoring result is lower than the limit.
- (2) For Turbidity and SS, non-compliance of the water quality limit occurs when monitoring result is higher than the limit.
- (3) The Action Levels and Limit Levels for dissolved oxygen only apply to mid-depth.
- (4) The derived Action and Limit levels for DO at TKW come up with the same value at 2.2 mg/L. if monitoring results exceeded 2.2 mg/L, it will be considered as Limit Level exceedance, and actions according to the Event and Action Plan will be carried out.

## 4 Waste Management

- 4.1. Waste generated from the Project includes inert construction and demolition (C&D) materials and non-inert C&D wastes in the reporting period. The amount of waste generated by the construction works of the Project during the reporting period is shown in **Table 4.1** and the cumulative waste flow table was presented in **Appendix I**.

**Table 4.1 Summary of Waste Generated in the Reporting Period**

Month	Actual Quantalities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper / Carboard Packing	Plastics	Chemical Waste	Others e.g., general refuse
	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
March 2025	2.200	0.000	0.233	0.000	1.967	0.000	0.000	0.000	0.000	0.000	0.014

- 4.2. Construction and demolition (C&D) materials sorting was carried out on site. Sufficient receptacles were provided for general refuse collection and sorting. Excavated inert C&D materials would be reused to minimize the disposal of C&D waste to public fill.
- 4.3. The Contractor is advised to minimize the waste generated through recycling or reusing. All applicable mitigation measures stipulated in the Updated EM&A Manual and waste management plans shall be fully implemented.

## 5 Environmental Site Inspection and Audit

- 5.1. Site inspections were carried out by the ET on a weekly basis to monitor the implementation of proper environmental pollution control mitigation measures for the Project. During the reporting period, site inspections were carried out on 6, 13, 20 and 27 March 2025. A joint IEC site inspection was carried out on 6 March 2025.
- 5.2. Bi-weekly landscape and visual site audits were carried out by a Registered Landscape Architect (RLA) on 13 and 27 March 2025. No particular observation was recorded in this reporting period.
- 5.3. During site inspection in the reporting period, no non-conformance was identified. Key observations and reminders during the site inspection and landscape and visual site audit are described in **Table 5.1**.

**Table 5.1 Summary of Site Inspections and Recommendations**

Inspection Date	Key Observation / Reminders	Follow-up Action
6 March 2025	Reminder: 1. The Contractor was reminded to provided sandbags barrier to prevent surface runoff washing towards public access road. (Road D1)	The Contractor had provided sandbags barrier to prevent surface runoff washing towards public access road. (Road D1)
13 March 2025	No major environmental deficiency was observed during the site inspection.	Nil
20 March 2025	Reminder: 1. The Contractor was reminded to adopt regular water spraying on main haul road and exposed area for dust suppression especially under dry weather. (Road D1)	Regular water spraying had been adopted on main haul road and exposed area for dust suppression especially under dry weather. (Road D1)
27 March 2025	Reminder: 1. The Contractor was reminded to adopt regular water spraying on exposed area for dust suppression. (Road D1)	Regular water spraying had been adopted on exposed area for dust suppression. (Road D1)

### *Implementation Status of Environmental Mitigation Measures*

- 5.4. According to the EIA Report, EP and the Updated EM&A Manual, the mitigation measures detailed in the documents are recommended to be implemented during the construction phase. A summary of the Project Implementation Schedule is provided in **Appendix C**.

## 6 Environmental Non-Conformance

### *Summary of Exceedances*

- 6.1. No Action or Limit Level exceedance was recorded during impact water quality monitoring in the reporting period.
- 6.2. Should the monitoring results of the environmental monitoring parameters at any designated monitoring stations indicate that the Action/ Limit Levels are exceeded, the actions in accordance with the Event and Action Plans in **Appendix H** would be carried out.
- 6.3. Bi-weekly landscape and visual site audits were carried out by a Registered Landscape Architect (RLA) on 13 and 27 March 2025. No particular observation was recorded during the audits.
- 6.4. Should the audit results indicate any nonconformity, the actions in accordance with the Event and Action Plans in **Appendix H** would be carried out.

### *Summary of Environmental Non-Compliance*

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

### *Summary of Environmental Complaint*

- 6.6. No environmental complaint was received in the reporting period. The Cumulative Complaint Log is presented in **Appendix J**.

### *Summary of Environmental Summon and Successful Prosecution*

- 6.7. 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 J**.

## 7 Future Key Issues

7.1. Works to be undertaken in the next reporting period are summarized below:

- Earthworks at Road D1
- Construction of drainage system at Road D1

7.2. Potential environmental impacts arising from the above construction activities are mainly associated with construction dust impact, noise impact, water quality impact and waste management.

### *Recommendation*

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

#### Dust

- Regular watering to reduce dust emissions from exposed site surface;
- Stockpile of dusty materials shall be covered entirely by impervious sheeting;
- Provide vehicles washing facilities at all site exits to wash away any dusty materials from vehicle body;
- NRMM Labels should be displayed on the applicable equipment on site by the Contractor;
- Provision of water sprinklers along the haul road for dust suppression; and
- All vehicle and plant should be cleaned before they leave a construction site.

#### Noise

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

#### Water Quality

- No effluent discharge would be allowed before acquisition of the effluent discharge license;

- Surface run-off from construction sites should be discharged into stormwater drains 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;
- 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;
- Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks.

#### 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.

#### Landscape and Visual

- Construction activities shall be carefully designed to minimize impact on existing retained trees.

7.4. The construction programme for the Project for the next reporting period is presented in **Appendix A**.

## 8 Conclusions and Recommendations

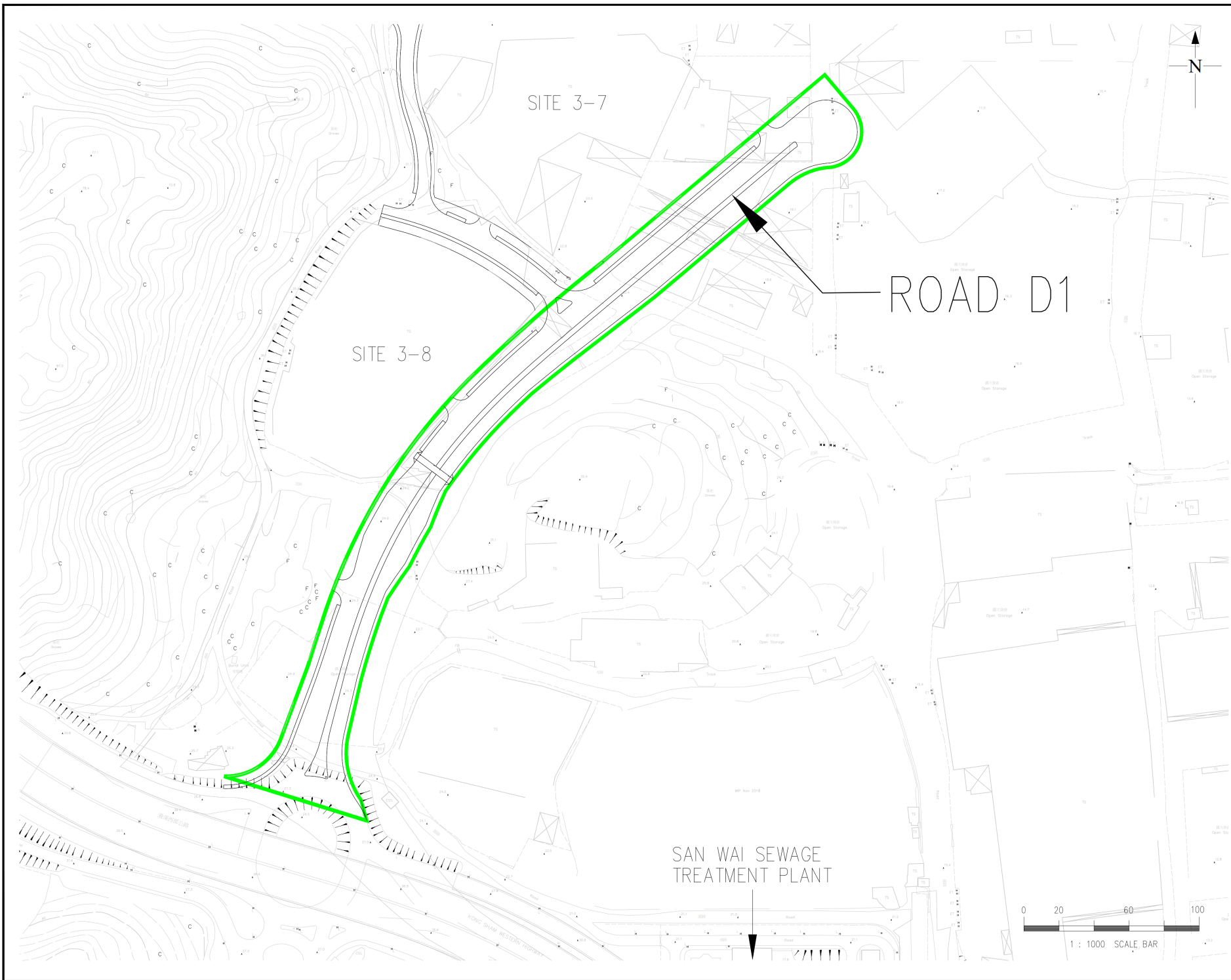
### *Conclusion*

- 8.1. This Monthly EM&A Report presents the EM&A works during the reporting period from 1 March to 31 March 2025 in accordance with the Updated EM&A Manual.
- 8.2. No Action or Limit Level exceedance was recorded during impact water quality monitoring in the reporting period.
- 8.3. Environmental site inspections were conducted on 6, 13, 20 and 27 March 2025 by the ET in the reporting period.
- 8.4. No environmental complaint was received in the reporting period.
- 8.5. No notification of summons and prosecution was received in the reporting period.
- 8.6. The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.
- 8.7. No change to the EM&A programme was made in this reporting period.

### *Comments/ Recommendations*

- 8.8. No further comment or recommendation was provided in this Monthly EM&A Report.

Figure(s)



Legend:

Site Boundary of Interim Section of Road D1

Client

**CEDD** CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project

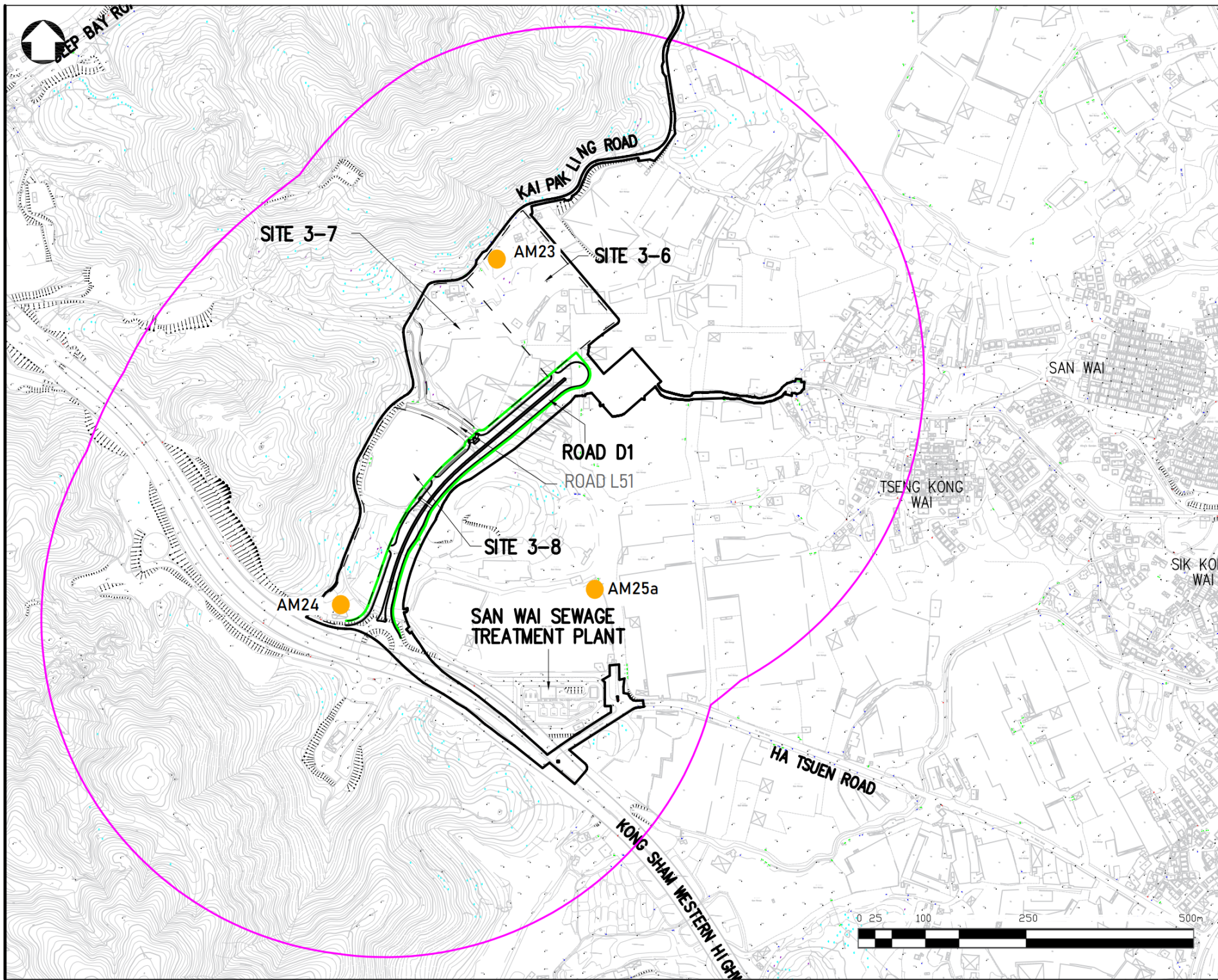
CONTRACT NO. YL/2020/03  
HUNG SHUI KIU / HA TSUEN  
NEW DEVELOPMENT AREA  
STAGE 1 WORKS - SITE FORMATION  
AND ENGINEERING INFRASTRUCTURE

Drawing Title

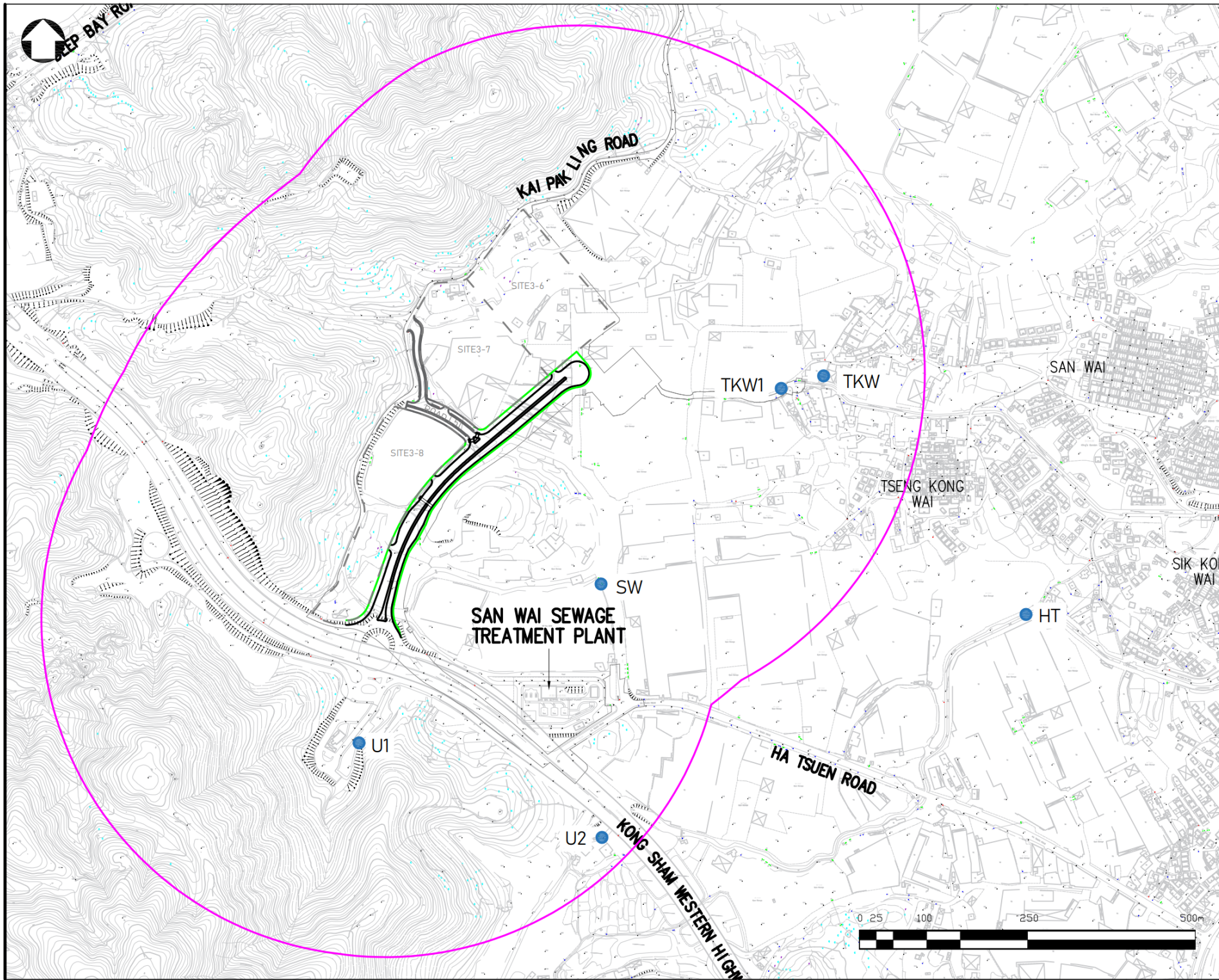
Location Plan of the  
Interim Section of Road D1

**ACUITY** **aurecon**  
Member of the Aurecon Group

Scale 1000@A1 Date June 2022 Rev  
Drawing Number LP-01



No.	Revision/Issue	Date



- General Notes
- LEGEND:
- PROPOSED ROAD
  - SITE BOUNDARY OF ROAD D1
  - 500M BUFFER ZONE
  - WATER QUALITY MONITORING LOCATIONS

No.	Revision/Issue	Date

Drawing Title

Figure A2.3 Locations of Water Quality Monitoring Stations for the EM&A of Road D1

Project:

Service Contract No. WD/02/2021

Environmental Team for Hung Shui Kiu/ Ha Tsuen New Development Area

Stage 1 Works—Site Formation and Engineering Infrastructure

Sheet No.	
Date	
Scale	

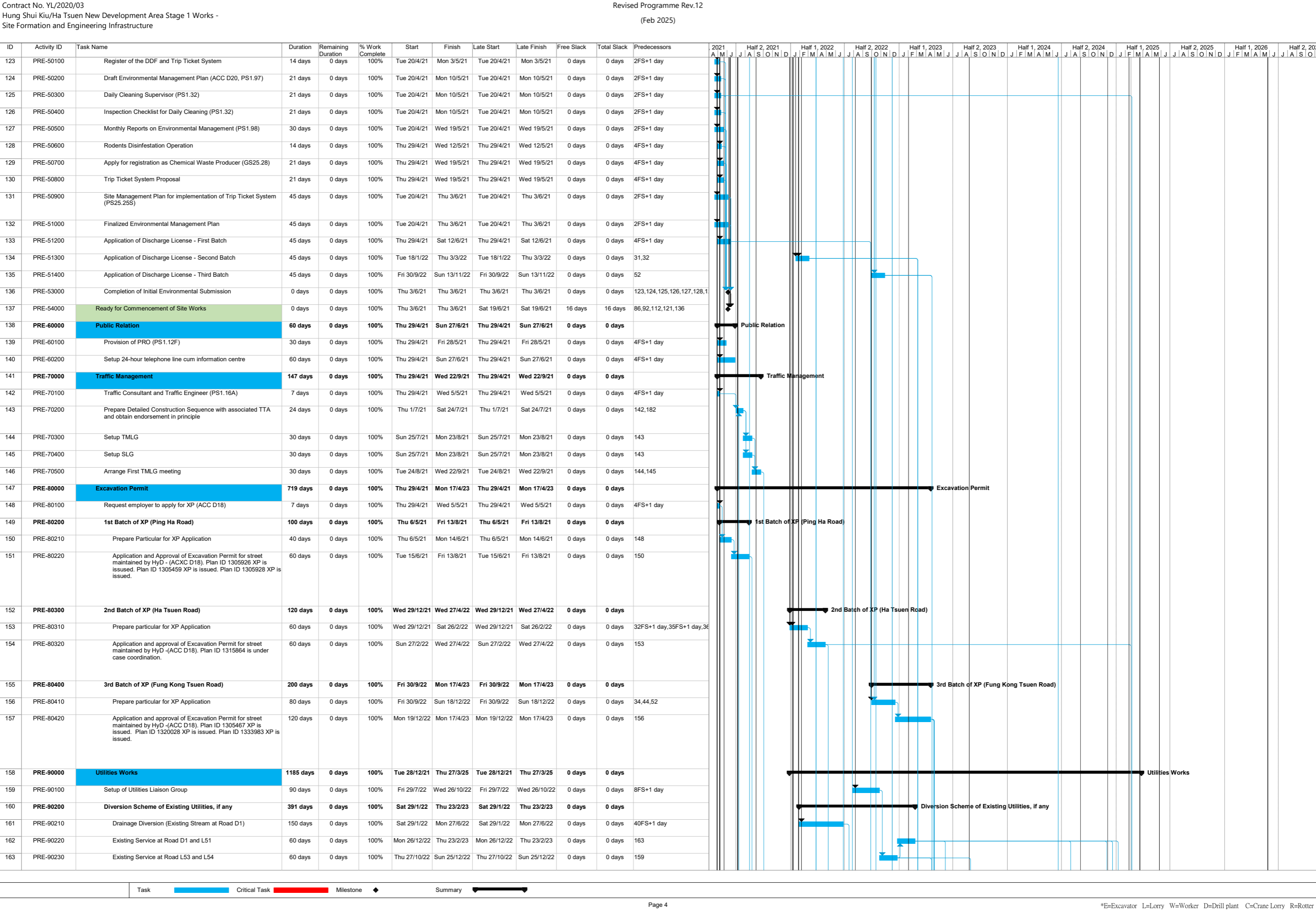
# Appendix A

## Construction Programme

Contract No. YL/2020/03 Hung Shui Kiu/Ha Tsuen New Development Area Stage 1 Works - Site Formation and Engineering Infrastructure													Revised Programme Rev.12 (Feb 2025)												
ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D	
1		Revised Programme of YL/2020/03	1854 days	245.55 days	92%	Mon 19/4/21	Sat 16/5/26	Mon 19/4/21	Sat 16/5/26	0 days	0 days		Revised Programme												
2	CD-10000	Contract Date	0 days	0 days	0%	Mon 19/4/21	Mon 19/4/21	Mon 19/4/21	Mon 19/4/21	0 days	0 days		Contract Date												
3	CD-20000	Project Dates	1845 days	0 days	0%	Wed 28/4/21	Sat 16/5/26	Wed 28/4/21	Sat 16/5/26	0 days	0 days		Project Dates												
4	CD-20100	Starting Date	0 days	0 days	100%	Wed 28/4/21	Wed 28/4/21	Wed 28/4/21	Wed 28/4/21	0 days	0 days		Starting Date												
5	CD-20200	Access Date 1	0 days	0 days	100%	Wed 28/4/21	Wed 28/4/21	Wed 28/4/21	Wed 28/4/21	0 days	0 days		Access Date 1												
6	CD-20300	Access Date 122	0 days	0 days	100%	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	0 days	0 days		Access Date 122												
7	CD-20400	Access Date 275	0 days	0 days	100%	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	0 days	0 days		Access Date 275												
8	CD-20500	Access Date 456	0 days	0 days	100%	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	0 days	0 days		Access Date 456												
9		Contract Completion Dates	913 days	913 days	0%	Sat 28/10/23	Tue 28/4/26	Sat 28/10/23	Tue 28/4/26	0 days	0 days		Contract Completion Dates												
10	CD-30100	Section 1A1 Completion Date: 913 Days after the Starting Date	0 days	0 days	0%	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	0 days	0 days		Section 1A1 Completion Date: 913 Days after the Starting Date												
11	CD-30200	Section 1A2 Completion Date: 913 Days after the Starting Date	0 days	0 days	0%	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	0 days	0 days		Section 1A2 Completion Date: 913 Days after the Starting Date												
12	CD-30300	Section 1A3 Completion Date: 913 Days after the Starting Date	0 days	0 days	0%	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	0 days	0 days		Section 1A3 Completion Date: 913 Days after the Starting Date												
13	CD-30400	Section 1A4 Completion Date: 913 Days after the Starting Date	0 days	0 days	0%	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	0 days	0 days		Section 1A4 Completion Date: 913 Days after the Starting Date												
14	CD-30500	Section 1A5 Completion Date: 913 Days after the Starting Date	0 days	0 days	0%	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	0 days	0 days		Section 1A5 Completion Date: 913 Days after the Starting Date												
15	CD-30600	Section 1A6 Completion Date: 913 Days after the Starting Date	0 days	0 days	0%	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	Sat 28/10/23	0 days	0 days		Section 1A6 Completion Date: 913 Days after the Starting Date												
16	CD-30700	Section 1B Completion Date: 1278 Days after the Starting Date	0 days	0 days	0%	Sun 27/10/24	Sun 27/10/24	Sun 27/10/24	Sun 27/10/24	0 days	0 days		Section 1B Completion Date: 1278 Days after the Starting Date												
17	CD-30800	Section 2A Completion Date: 1461 Days after the Starting Date	0 days	0 days	0%	Mon 28/4/25	Mon 28/4/25	Mon 28/4/25	Mon 28/4/25	0 days	0 days		Section 2A Completion Date: 1461 Days after the Starting Date												
18	CD-30900	Section 2B Completion Date: 1826 Days after the Starting Date	0 days	0 days	0%	Tue 28/4/26	Tue 28/4/26	Tue 28/4/26	Tue 28/4/26	0 days	0 days		Section 2B Completion Date: 1826 Days after the Starting Date												
19		Planned Completion Dates	540 days	540 days	0%	Fri 22/11/24	Sat 16/5/26	Fri 22/11/24	Sat 16/5/26	0 days	0 days		Planned Completion Dates												
20	CD-31100	Section 1A1 Planned Completion Date	0 days	0 days	0%	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	0 days	0 days	611	Section 1A1 Planned Completion Date												
21	CD-31200	Section 1A2 Planned Completion Date	0 days	0 days	0%	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	0 days	0 days	701	Section 1A2 Planned Completion Date												
22	CD-31300	Section 1A3 Planned Completion Date	0 days	0 days	0%	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	0 days	0 days	824	Section 1A3 Planned Completion Date												
23	CD-31400	Section 1A4 Planned Completion Date	0 days	0 days	0%	Fri 22/11/24	Fri 22/11/24	Fri 22/11/24	Fri 22/11/24	0 days	0 days	896	Section 1A4 Planned Completion Date												
24	CD-31500	Section 1A5 Planned Completion Date	0 days	0 days	0%	Fri 22/11/24	Fri 22/11/24	Fri 22/11/24	Fri 22/11/24	0 days	0 days	987	Section 1A5 Planned Completion Date												
25	CD-31600	Section 1A6 Planned Completion Date	0 days	0 days	0%	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	0 days	0 days	1072	Section 1A6 Planned Completion Date												
26	CD-31700	Section 1B Planned Completion Date	0 days	0 days	0%	Sat 16/5/26	Sat 16/5/26	Sat 16/5/26	Sat 16/5/26	0 days	0 days	1075	Section 1B Planned Completion Date												
27	CD-31800	Section 2A Planned Completion Date	0 days	0 days	0%	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	0 days	0 days	1322,1317	Section 2A Planned Completion Date												
28	CD-31900	Section 2B Planned Completion Date	0 days	0 days	0%	Sat 16/5/26	Sat 16/5/26	Sat 16/5/26	Sat 16/5/26	0 days	0 days	1325	Section 2B Planned Completion Date												
29		Access Dates	456 days	0 days	100%	Wed 28/4/21	Thu 28/7/22	Wed 28/4/21	Thu 28/7/22	0 days	0 days		Access Dates												
30	CD-40100	Portion A1 Access Date: 122 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	0 days	0 days		Portion A1 Access Date: 122 days after starting date or earlier date notified by the Project Manager												
31	CD-40200	Portion A2 Access Date: 122 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Tue 18/1/22	Tue 18/1/22	Tue 18/1/22	Tue 18/1/22	0 days	0 days		Portion A2 Access Date: 122 days after starting date or earlier date notified by the Project Manager												
32	CD-40300	Portion A3 Access Date: 122 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Tue 28/12/21	Tue 28/12/21	Tue 28/12/21	Tue 28/12/21	0 days	0 days		Portion A3 Access Date: 122 days after starting date or earlier date notified by the Project Manager												
33	CD-40400	Portion A4 Access Date: 122 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	0 days	0 days		Portion A4 Access Date: 122 days after starting date or earlier date notified by the Project Manager												
34	CD-40500	Portion A5 Access Date: 122 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	0 days	0 days	30	Portion A5 Access Date: 122 days after starting date or earlier date notified by the Project Manager												
35	CD-40600	Portion A6 Access Date: 122 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	0 days	0 days		Portion A6 Access Date: 122 days after starting date or earlier date notified by the Project Manager												
36	CD-40700	Portion A7 Access Date: 122 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	0 days	0 days		Portion A7 Access Date: 122 days after starting date or earlier date notified by the Project Manager												
37	CD-40800	Portion A8 Access Date: 122 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	Sat 28/8/21	0 days	0 days		Portion A8 Access Date: 122 days after starting date or earlier date notified by the Project Manager												
38	CD-40900	Portion B1 Access Date: 275 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	0 days	0 days		Portion B1 Access Date: 275 days after starting date or earlier date notified by the Project Manager												
39	CD-41000	Portion B2 Access Date: 275 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	0 days	0 days		Portion B2 Access Date: 275 days after starting date or earlier date notified by the Project Manager												
40	CD-41400	Portion B6 Access Date: 275 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	0 days	0 days		Portion B6 Access Date: 275 days after starting date or earlier date notified by the Project Manager												
41	CD-41500	Portion B7 Access Date: 275 days after starting date or earlier date notified by the Project Manager	0 days	0 days	100%	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	Fri 28/1/22	0 days	0 days		Portion B7 Access Date: 275 days after starting date or earlier date notified by the Project Manager												
Task				Critical Task			Milestone			Summary															

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A M J J A S O N D J F M A M J
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Contract No. YL/2020/03 Hung Shui Kiu/Ha Tsuen New Development Area Stage 1 Works - Site Formation and Engineering Infrastructure													Revised Programme Rev.12 (Feb 2025)																																						
ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A M J	Half 2, 2021 J A S O N D	Half 1, 2022 J F M A M J	Half 2, 2022 J A S O N D	Half 1, 2023 J F M A M J	Half 2, 2023 J A S O N D	Half 1, 2024 J F M A M J	Half 2, 2024 J A S O N D	Half 1, 2025 J F M A M J	Half 2, 2025 J A S O N D	Half 1, 2026 J F M A M J	Half 2, 2026 J A S O N D																											
78	PRE-11600	Sub-contractor Management Plan (ACC C5)	30 days	0 days	100%	Tue 20/4/21	Wed 19/5/21	Tue 20/4/21	Wed 19/5/21	0 days	0 days	2FS+1 day																																							
79	PRE-11700	Weather Protection Scheme against inclement weather (PS1.86)	30 days	0 days	100%	Thu 29/4/21	Fri 28/5/21	Thu 29/4/21	Fri 28/5/21	0 days	0 days	4FS+1 day																																							
80	PRE-11800	Temp Drainage Management Plan	30 days	0 days	100%	Thu 29/4/21	Fri 28/5/21	Thu 29/4/21	Fri 28/5/21	0 days	0 days	4FS+1 day																																							
81	PRE-11900	Contingency Plan to deal with Flooding	30 days	0 days	100%	Thu 29/4/21	Fri 28/5/21	Thu 29/4/21	Fri 28/5/21	0 days	0 days	4FS+1 day																																							
82	PRE-12000	Supply of Brand New Survey Equipment (PS Appendix 1.17)	30 days	0 days	100%	Thu 29/4/21	Fri 28/5/21	Thu 29/4/21	Fri 28/5/21	0 days	0 days	4FS+1 day																																							
83	PRE-12100	Site Uniform (PS1.88)	30 days	0 days	100%	Thu 29/4/21	Fri 28/5/21	Thu 29/4/21	Fri 28/5/21	0 days	0 days	4FS+1 day																																							
84	PRE-12200	PII insurance Policy	60 days	0 days	100%	Tue 20/4/21	Fri 18/6/21	Tue 20/4/21	Fri 18/6/21	0 days	0 days	2FS+1 day																																							
85	PRE-12300	Book with a certification body acceptable to the Employer the date of audit for the ISO 9001:2015 certification	90 days	0 days	100%	Thu 29/4/21	Tue 27/7/21	Thu 29/4/21	Tue 27/7/21	0 days	0 days	4FS+1 day																																							
86	PRE-13000	Completion of Initial General Submission	0 days	0 days	100%	Fri 28/5/21	Fri 28/5/21	Fri 28/5/21	Fri 28/5/21	0 days	0 days	63,64,65,66,67,68,69,70,71																																							
87	PRE-20000	Programme	104 days	0 days	100%	Tue 20/4/21	Sun 1/8/21	Tue 20/4/21	Sun 1/8/21	0 days	0 days			Programme																																					
88	PRE-20100	First Programme (CDP1 3)	14 days	0 days	100%	Tue 20/4/21	Mon 3/5/21	Tue 20/4/21	Mon 3/5/21	0 days	0 days	2FS+1 day																																							
89	PRE-20200	Acceptance of the First Programme	30 days	0 days	100%	Tue 4/5/21	Wed 2/6/21	Tue 4/5/21	Wed 2/6/21	0 days	0 days	88																																							
90	PRE-20300	Expanded and more detailed version of the first programme (PSA 1.3)	60 days	0 days	100%	Thu 3/6/21	Sun 1/8/21	Thu 3/6/21	Sun 1/8/21	0 days	0 days	89																																							
91	PRE-20400	First Monthly Progress Report (PS1.08A)	30 days	0 days	100%	Tue 4/5/21	Wed 2/6/21	Tue 4/5/21	Wed 2/6/21	0 days	0 days	88																																							
92	PRE-23000	Completion of Initial Programme Submission	0 days	0 days	100%	Wed 2/6/21	Wed 2/6/21	Wed 2/6/21	Wed 2/6/21	0 days	0 days	89,91																																							
93	PRE-30000	Appointment of Personnel	99 days	0 days	100%	Tue 20/4/21	Tue 27/7/21	Tue 20/4/21	Tue 27/7/21	0 days	0 days			Appointment of Personnel																																					
94	PRE-30100	Contractor's Labour Officer (PS29.09)	7 days	0 days	100%	Tue 20/4/21	Mon 26/4/21	Tue 20/4/21	Mon 26/4/21	0 days	0 days	2FS+1 day																																							
95	PRE-30200	Contractor's Surveyor (PS1.09)	7 days	0 days	100%	Thu 29/4/21	Wed 5/5/21	Thu 29/4/21	Wed 5/5/21	0 days	0 days	4FS+1 day																																							
96	PRE-30300	List of Staff for Construction Management Team (ACC D1)	14 days	0 days	100%	Thu 29/4/21	Wed 12/5/21	Thu 29/4/21	Wed 12/5/21	0 days	0 days	4FS+1 day																																							
97	PRE-30400	RSO and SS (ACC D1)	14 days	0 days	100%	Thu 29/4/21	Wed 12/5/21	Thu 29/4/21	Wed 12/5/21	0 days	0 days	4FS+1 day																																							
98	PRE-30500	EO and ES (ACC D1)	14 days	0 days	100%	Thu 29/4/21	Wed 12/5/21	Thu 29/4/21	Wed 12/5/21	0 days	0 days	4FS+1 day																																							
99	PRE-30600	Site Agents and Employees (PS1.12)	14 days	0 days	100%	Thu 29/4/21	Wed 12/5/21	Thu 29/4/21	Wed 12/5/21	0 days	0 days	4FS+1 day																																							
100	PRE-30700	Construction Manager (PS1.12A)	14 days	0 days	100%	Thu 29/4/21	Wed 12/5/21	Thu 29/4/21	Wed 12/5/21	0 days	0 days	4FS+1 day																																							
101	PRE-30800	Construction, Landscape and Land Decontamination Leader (PS1.12B)	14 days	0 days	100%	Thu 29/4/21	Wed 12/5/21	Thu 29/4/21	Wed 12/5/21	0 days	0 days	4FS+1 day																																							
102	PRE-30900	Geotechnical Engineer, Geologist, Geotechnical Supervisor and GFT (1.12C)	14 days	0 days	100%	Thu 29/4/21	Wed 12/5/21	Thu 29/4/21	Wed 12/5/21	0 days	0 days	4FS+1 day																																							
103	PRE-31000	Foreman for Road and Drainage Works	14 days	0 days	100%	Thu 29/4/21	Wed 12/5/21	Thu 29/4/21	Wed 12/5/21	0 days	0 days	4FS+1 day																																							
104	PRE-31100	Particulars of Emergency Unit (PS1.99)	14 days	0 days	100%	Thu 29/4/21	Wed 12/5/21	Thu 29/4/21	Wed 12/5/21	0 days	0 days	4FS+1 day																																							
105	PRE-31200	Tree Supervisor (PS26.02)	30 days	0 days	100%	Tue 20/4/21	Wed 19/5/21	Tue 20/4/21	Wed 19/5/21	0 days	0 days	2FS+1 day																																							
106	PRE-31300	Public Relocation Officer (PS 1.12F)	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day																																							
107	PRE-31400	Quantity Surveying Clerk (PS1.49)	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day																																							
108	PRE-31500	Field and Drafting assistant (PS1.49C)	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day																																							
109	PRE-31600	Independent Checking Engineer (PS1.105)	30 days	0 days	100%	Thu 29/4/21	Fri 28/5/21	Thu 29/4/21	Fri 28/5/21	0 days	0 days	4FS+1 day																																							
110	PRE-31700	Employ CEG and TA (PS1.83)	90 days	0 days	100%	Thu 29/4/21	Tue 27/7/21	Thu 29/4/21	Tue 27/7/21	0 days	0 days	4FS+1 day																																							
111	PRE-31800	BIM Team Leader (PS1.108)	90 days	0 days	100%	Thu 29/4/21	Tue 27/7/21	Thu 29/4/21	Tue 27/7/21	0 days	0 days	4FS+1 day,200FF																																							
112	PRE-33000	Completion of Construction Management Team Submission	0 days	0 days	100%	Fri 28/5/21	Fri 28/5/21	Fri 28/5/21	Fri 28/5/21	0 days	0 days	94,95,96,97,98,99,100,101,																																							
113	PRE-40000	Safety	42 days	0 days	100%	Tue 20/4/21	Mon 31/5/21	Tue 20/4/21	Mon 31/5/21	0 days	0 days			Safety																																					
114	PRE-40100	Draft Construction Health and Safety Plan (ACC D6)	14 days	0 days	100%	Tue 20/4/21	Mon 3/5/21	Tue 20/4/21	Mon 3/5/21	0 days	0 days	2FS+1 day																																							
115	PRE-40200	Ad-hoc meeting with Supervisor or discuss the draft Safety Plan (ACC D6)	7 days	0 days	100%	Tue 4/5/21	Mon 10/5/21	Tue 4/5/21	Mon 10/5/21	0 days	0 days	114																																							
116	PRE-40300	Monthly Reports on Safety Performance (ACC D28)	30 days	0 days	100%	Tue 20/4/21	Wed 19/5/21	Tue 20/4/21	Wed 19/5/21	0 days	0 days	2FS+1 day																																							
117	PRE-40400	Monthly Safety Report	30 days	0 days	100%	Tue 20/4/21	Wed 19/5/21	Tue 20/4/21	Wed 19/5/21	0 days	0 days	2FS+1 day																																							
118	PRE-40500	Submission of Safety Plan (ACC D6)	35 days	0 days	100%	Tue 20/4/21	Mon 24/5/21	Tue 20/4/21	Mon 24/5/21	0 days	0 days	2FS+1 day																																							
119	PRE-40600	Establish and conduct first SSC and SSMC meeting (PS1.65)	40 days	0 days	100%	Tue 20/4/21	Sat 29/5/21	Tue 20/4/21	Sat 29/5/21	0 days	0 days	2FS+1 day																																							
120	PRE-40700	Site Traffic Safety Management Plan (PS1.71C)	42 days	0 days	100%	Tue 20/4/21	Mon 31/5/21	Tue 20/4/21	Mon 31/5/21	0 days	0 days	2FS+1 day																																							
121	PRE-43000	Completion of Initial Safety Submission	0 days	0 days	100%	Mon 31/5/21	Mon 31/5/21	Mon 31/5/21	Mon 31/5/21	0 days	0 days	115,116,117,118,119,120																																							
122	PRE-50000	Environmental	573 days	0 days	100%	Tue 20/4/21	Sun 13/11/22	Tue 20/4/21	Sun 13/11/22	0 days	0 days			Environmental																																					
Task													Critical Task													Milestone													Summary												



Contract No. YL/2020/03

Hung Shui Kiu/Ha Tsuen New Development Area Stage 1 Works - Site Formation and Engineering Infrastructure

Revised Programme Rev.12

(Feb 2025)

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021	Half 2, 2021	Half 1, 2022	Half 2, 2022	Half 1, 2023	Half 2, 2023	Half 1, 2024	Half 2, 2024	Half 1, 2025	Half 2, 2025	Half 1, 2026	Half 2, 2026
164	PRE-90300	New Utilities Connection	1185 days	0 days	100%	Tue 28/12/21	Thu 27/3/25	Tue 28/12/21	Thu 27/3/25	0 days	0 days													
165	PRE-90310	Watermain	73 days	0 days	100%	Mon 13/1/25	Thu 27/3/25	Mon 13/1/25	Thu 27/3/25	0 days	0 days													
166	PRE-90311	Road D1, L51 and Ha Tsuen Road	0 days	0 days	100%	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	0 days	0 days	1105SS												
167	PRE-90312	Road L53 and L54	30 days	0 days	100%	Mon 13/1/25	Tue 11/2/25	Mon 13/1/25	Tue 11/2/25	0 days	0 days	1000SS,1050SS												
168	PRE-90313	Ping Ha Road	0 days	0 days	100%	Thu 27/3/25	Thu 27/3/25	Thu 27/3/25	Thu 27/3/25	0 days	0 days	1095SS												
169	PRE-90320	Road Lighting System	531 days	0 days	100%	Thu 31/8/23	Wed 12/2/25	Thu 31/8/23	Wed 12/2/25	0 days	0 days													
170	PRE-90321	Road D1 and L51	0 days	0 days	100%	Thu 31/8/23	Thu 31/8/23	Thu 31/8/23	Thu 31/8/23	0 days	0 days	1315FF												
171	PRE-90322	Road L53 and L54	60 days	0 days	100%	Sat 2/11/24	Wed 12/2/25	Sat 2/11/24	Wed 12/2/25	0 days	0 days	1060FF												
172	PRE-90330	CLP	1017 days	0 days	100%	Tue 28/12/21	Wed 9/10/24	Tue 28/12/21	Wed 9/10/24	0 days	0 days													
173	PRE-90331	Road D1 and L51	0 days	0 days	100%	Tue 28/12/21	Tue 28/12/21	Tue 28/12/21	Tue 28/12/21	0 days	0 days	1308FF												
174	PRE-90332	Road L53 and L54	60 days	0 days	100%	Sun 11/8/24	Wed 9/10/24	Sun 11/8/24	Wed 9/10/24	0 days	0 days	1004FF,1054FF												
175	PRE-90340	Telecom (HKT, HGC, HKBN)	977 days	0 days	100%	Fri 25/2/22	Tue 29/10/24	Fri 25/2/22	Tue 29/10/24	0 days	0 days													
176	PRE-90341	Road D1 and L51	0 days	0 days	100%	Fri 25/2/22	Fri 25/2/22	Fri 25/2/22	Fri 25/2/22	0 days	0 days	1308FF												
177	PRE-90342	Road L53 and L54	60 days	0 days	100%	Sat 31/8/24	Tue 29/10/24	Sat 31/8/24	Tue 29/10/24	0 days	0 days	1004FF,1054FF												
178		Procurement	983 days	0 days	100%	Wed 28/4/21	Fri 5/1/24	Wed 28/4/21	Fri 5/1/24	0 days	0 days													
179	PS-10000	Subcontracting / Procurement	652 days	0 days	100%	Thu 29/4/21	Thu 9/2/23	Thu 29/4/21	Thu 9/2/23	0 days	0 days													
180	PS-10100	Traffic Consultant	63 days	0 days	100%	Thu 29/4/21	Wed 30/6/21	Thu 29/4/21	Wed 30/6/21	0 days	0 days													
181	PS-10110	Subletting	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day												
182	PS-10120	Submission and Approval	35 days	0 days	100%	Thu 27/5/21	Wed 30/6/21	Thu 27/5/21	Wed 30/6/21	0 days	0 days	181												
183	PS-10200	Independent Checking Engineer	63 days	0 days	100%	Thu 29/4/21	Wed 30/6/21	Thu 29/4/21	Wed 30/6/21	0 days	0 days													
184	PS-10210	Subletting	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day												
185	PS-10220	Submission and Approval	35 days	0 days	100%	Thu 27/5/21	Wed 30/6/21	Thu 27/5/21	Wed 30/6/21	0 days	0 days	184												
186	PS-10300	PM's Accommodation (MIC Method)	63 days	0 days	100%	Thu 29/4/21	Wed 30/6/21	Thu 29/4/21	Wed 30/6/21	0 days	0 days													
187	PS-10310	Subletting	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day												
188	PS-10320	Submission and Approval	35 days	0 days	100%	Thu 27/5/21	Wed 30/6/21	Thu 27/5/21	Wed 30/6/21	0 days	0 days	187												
189	PS-10400	Environmental Team and Team Leader	63 days	0 days	100%	Thu 29/4/21	Wed 30/6/21	Thu 29/4/21	Wed 30/6/21	0 days	0 days													
190	PS-10410	Subletting	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day												
191	PS-10420	Submission and Approval	35 days	0 days	100%	Thu 27/5/21	Wed 30/6/21	Thu 27/5/21	Wed 30/6/21	0 days	0 days	190												
192	PS-10500	Tree Survey and Treatment	63 days	0 days	100%	Thu 29/4/21	Wed 30/6/21	Thu 29/4/21	Wed 30/6/21	0 days	0 days													
193	PS-10510	Subletting	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day												
194	PS-10520	Submission and Approval	35 days	0 days	100%	Thu 27/5/21	Wed 30/6/21	Thu 27/5/21	Wed 30/6/21	0 days	0 days	193												
195	PS-10600	Specialist for Decontamination Works	63 days	0 days	100%	Thu 29/4/21	Wed 30/6/21	Thu 29/4/21	Wed 30/6/21	0 days	0 days													
196	PS-10610	Subletting	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day												
197	PS-10620	Submission and Approval	35 days	0 days	100%	Thu 27/5/21	Wed 30/6/21	Thu 27/5/21	Wed 30/6/21	0 days	0 days	196												
198	PS-10700	BIM Service	63 days	0 days	100%	Thu 29/4/21	Wed 30/6/21	Thu 29/4/21	Wed 30/6/21	0 days	0 days													
199	PS-10710	Subletting	28 days	0 days	100%	Thu 29/4/21	Wed 26/5/21	Thu 29/4/21	Wed 26/5/21	0 days	0 days	4FS+1 day												
200	PS-10720	Submission and Approval	35 days	0 days	100%	Thu 27/5/21	Wed 30/6/21	Thu 27/5/21	Wed 30/6/21	0 days	0 days	199												
201	PS-10800	Rebar Supply	63 days	0 days	100%	Wed 7/7/21	Tue 7/9/21	Wed 7/7/21	Tue 7/9/21	0 days	0 days													
202	PS-10810	Subletting	28 days	0 days	100%	Wed 7/7/21	Tue 3/8/21	Wed 7/7/21	Tue 3/8/21	0 days	0 days	4FS+70 days												
203	PS-10820	Submission and Approval	35 days	0 days	100%	Wed 4/8/21	Tue 7/9/21	Wed 4/8/21	Tue 7/9/21	0 days	0 days	202												
204	PS-10900	Concrete Supply	63 days	0 days	100%	Wed 7/7/21	Tue 7/9/21	Wed 7/7/21	Tue 7/9/21	0 days	0 days													
205	PS-10910	Subletting	28 days	0 days	100%	Wed 7/7/21	Tue 3/8/21	Wed 7/7/21	Tue 3/8/21	0 days	0 days	4FS+70 days												
206	PS-10920	Submission and Approval	35 days	0 days	100%	Wed 4/8/21	Tue 7/9/21	Wed 4/8/21	Tue 7/9/21	0 days	0 days	205												
207	PS-11000	Bitumen Supply and Paving	63 days	0 days	100%	Wed 7/7/21	Tue 7/9/21	Wed 7/7/21	Tue 7/9/21	0 days	0 days													
208	PS-11010	Subletting	28 days	0 days	100%	Wed 7/7/21	Tue 3/8/21	Wed 7/7/21	Tue 3/8/21	0 days	0 days	4FS+70 days												
209	PS-11020	Submission and Approval	35 days	0 days	100%	Wed 4/8/21	Tue 7/9/21	Wed 4/8/21	Tue 7/9/21	0 days	0 days	208												
210	PS-11100	Ground Investigation Works	63 days	0 days	100%	Wed 7/7/21	Tue 7/9/21	Wed 7/7/21	Tue 7/9/21	0 days	0 days													
211	PS-11110	Subletting	28 days	0 days	100%	Wed 7/7/21	Tue 3/8/21	Wed 7/7/21	Tue 3/8/21	0 days	0 days	4FS+70 days												

Task

Critical Task

Milestone

Summary

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\*E=Excavator L=Lorry W=Worker D=Drill plant C=Crane Lorry R=Rotter

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A M J J A S O N D J F M A M J J A S O N D J																																																																																																			
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Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	
260	DM-10310	Prepare and Submit Design	60 days	0 days	100%	Thu 10/6/21	Sun 8/8/21	Thu 10/6/21	Sun 8/8/21	0 days	0 days	60FS-141 days
261	DM-10320	ICE Certification, Approval and Consent	21 days	0 days	100%	Mon 9/8/21	Sun 29/8/21	Mon 9/8/21	Sun 29/8/21	0 days	0 days	260
262	DM-10330	Approval from CLP	60 days	0 days	100%	Mon 30/8/21	Thu 28/10/21	Mon 30/8/21	Thu 28/10/21	0 days	0 days	261
263	DM-10400	Road Lighting System for Road D1 and L51	0 days	0 days	100%	Thu 9/2/23	Thu 9/2/23	Thu 9/2/23	Thu 9/2/23	0 days	0 days	
264	DM-10410	Prepare and Submit Design	0 days	0 days	100%	Thu 9/2/23	Thu 9/2/23	Thu 9/2/23	Thu 9/2/23	0 days	0 days	44FS+1 day,224
265	DM-10420	ICE Certification, Approval and Consent	0 days	0 days	100%	Thu 9/2/23	Thu 9/2/23	Thu 9/2/23	Thu 9/2/23	0 days	0 days	264
266	DM-10430	Approval from HyD Lighting Division	0 days	0 days	100%	Thu 9/2/23	Thu 9/2/23	Thu 9/2/23	Thu 9/2/23	0 days	0 days	265
267	DM-10500	Road Lighting System for Road L53 and L54	175 days	175 days	0%	Fri 10/2/23	Thu 3/8/23	Sun 23/11/25	Sat 16/5/26	1017 days	1017 days	
268	DM-10510	Prepare and Submit Design	70 days	70 days	0%	Fri 10/2/23	Thu 20/4/23	Sun 23/11/25	Sat 31/1/26	0 days	1017 days	265
269	DM-10520	ICE Certification, Approval and Consent	21 days	21 days	0%	Fri 21/4/23	Thu 11/5/23	Sun 1/2/26	Sat 21/2/26	0 days	1017 days	268
270	D-M10530	Approval from HyD Lighting Division	84 days	84 days	0%	Fri 12/5/23	Thu 3/8/23	Sun 22/2/26	Sat 16/5/26	1017 days	1017 days	269
271	DM-20000	Temporary Works Design	962 days	0 days	100%	Tue 20/4/21	Thu 7/12/23	Tue 20/4/21	Thu 7/12/23	0 days	0 days	
272	DM-20100	Site Establishment	740 days	0 days	100%	Tue 20/4/21	Sat 29/4/23	Tue 20/4/21	Sat 29/4/23	0 days	0 days	
273	DM-20110	PM's Accommodation	40 days	0 days	100%	Thu 1/7/21	Mon 9/8/21	Thu 1/7/21	Mon 9/8/21	0 days	0 days	
274	DM-20111	Prepare and Submit Design	20 days	0 days	100%	Thu 1/7/21	Tue 20/7/21	Thu 1/7/21	Tue 20/7/21	0 days	0 days	188
275	DM-20112	ICE certification, approval and Consent	20 days	0 days	100%	Wed 21/7/21	Mon 9/8/21	Wed 21/7/21	Mon 9/8/21	0 days	0 days	274
276	DM-20120	Site facilities (Hoarding, Project Signboard, Temporary Traffic Sign etc.)	32 days	0 days	100%	Tue 20/4/21	Fri 21/5/21	Tue 20/4/21	Fri 21/5/21	0 days	0 days	
277	DM-20121	Prepare and Submit Design	20 days	0 days	100%	Tue 20/4/21	Sun 9/5/21	Tue 20/4/21	Sun 9/5/21	0 days	0 days	2FS+1 day
278	DM-20122	ICE Certification, Approval and Consent	12 days	0 days	100%	Mon 10/5/21	Fri 21/5/21	Mon 10/5/21	Fri 21/5/21	0 days	0 days	277
279	DM-20130	Typical Excavation Shoring System for Trial Pit	30 days	0 days	100%	Mon 10/5/21	Tue 8/6/21	Mon 10/5/21	Tue 8/6/21	0 days	0 days	
280	DM-20131	Prepare and Submit Design	18 days	0 days	100%	Mon 10/5/21	Thu 27/5/21	Mon 10/5/21	Thu 27/5/21	0 days	0 days	277
281	DM-20132	ICE Certification, Approval and Consent	12 days	0 days	100%	Fri 28/5/21	Tue 8/6/21	Fri 28/5/21	Tue 8/6/21	0 days	0 days	280
282	DM-20140	Site Traffic Management Plan	12 days	0 days	100%	Tue 18/4/23	Sat 29/4/23	Tue 18/4/23	Sat 29/4/23	0 days	0 days	
283	DM-20141	Traffic Diversion for Kai Pak Ling Road and L53 Construction	12 days	0 days	100%	Tue 18/4/23	Sat 29/4/23	Tue 18/4/23	Sat 29/4/23	0 days	0 days	157
284	DM-20200	Decontamination Works	351 days	0 days	100%	Thu 3/3/22	Thu 16/2/23	Thu 3/3/22	Thu 16/2/23	0 days	0 days	
285	DM-20210	Contamination Assessment Plan	283 days	0 days	100%	Thu 3/3/22	Sat 10/12/22	Thu 3/3/22	Sat 10/12/22	0 days	0 days	
286	DM-20211	Batch 1 (Site 3-6, Site 3-7, Road D1 adjacent to site 3-6 and site 3-7, Detention Pond)	44 days	0 days	100%	Fri 28/10/22	Sat 10/12/22	Fri 28/10/22	Sat 10/12/22	0 days	0 days	
287	DM-202111	Site Appraisal and Preparation of Plan	14 days	0 days	100%	Fri 28/10/22	Thu 10/11/22	Fri 28/10/22	Thu 10/11/22	0 days	0 days	564SS
288	DM-202112	Submission and Endorsement by EPD	30 days	0 days	100%	Fri 11/11/22	Sat 10/12/22	Fri 11/11/22	Sat 10/12/22	0 days	0 days	287
289	DM-20212	Batch 2 (Site 3-8, Road L51, Road D1 at adjacent to Site 3-8)	55 days	0 days	100%	Thu 3/3/22	Tue 26/4/22	Thu 3/3/22	Tue 26/4/22	0 days	0 days	
290	DM-202121	Site Appraisal and Preparation of Plan	25 days	0 days	100%	Thu 3/3/22	Sun 27/3/22	Thu 3/3/22	Sun 27/3/22	0 days	0 days	746SS
291	DM-202122	Submission and Endorsement by EPD	30 days	0 days	100%	Mon 28/3/22	Tue 26/4/22	Mon 28/3/22	Tue 26/4/22	0 days	0 days	290
292	DM-20213	Batch 3 (Site 2-18, Site 2-19, Road L54)	55 days	0 days	100%	Fri 29/4/22	Wed 22/6/22	Fri 29/4/22	Wed 22/6/22	0 days	0 days	
293	DM-202131	Site Appraisal and Preparation of Plan	25 days	0 days	100%	Fri 29/4/22	Mon 23/5/22	Fri 29/4/22	Mon 23/5/22	0 days	0 days	846SS
294	DM-202132	Submission and Endorsement by EPD	30 days	0 days	100%	Tue 24/5/22	Wed 22/6/22	Tue 24/5/22	Wed 22/6/22	0 days	0 days	293
295	DM-20220	Cement Solidification System	48 days	0 days	100%	Sat 31/12/22	Thu 16/2/23	Sat 31/12/22	Thu 16/2/23	0 days	0 days	
296	DM-20221	Prepare and Submit Design	24 days	0 days	100%	Sat 31/12/22	Mon 23/1/23	Sat 31/12/22	Mon 23/1/23	0 days	0 days	750,567,849
297	DM-20222	ICE Certification, Approval and Consent	24 days	0 days	100%	Tue 24/1/23	Thu 16/2/23	Tue 24/1/23	Thu 16/2/23	0 days	0 days	296
298	DM-20230	Biopile System	48 days	0 days	100%	Sat 31/12/22	Thu 16/2/23	Sat 31/12/22	Thu 16/2/23	0 days	0 days	
299	DM-20231	Prepare and Submit Design	24 days	0 days	100%	Sat 31/12/22	Mon 23/1/23	Sat 31/12/22	Mon 23/1/23	0 days	0 days	750,567,849
300	DM-20232	ICE Certification, Approval and Consent	24 days	0 days	100%	Tue 24/1/23	Thu 16/2/23	Tue 24/1/23	Thu 16/2/23	0 days	0 days	299
301	DM-20300	Demolition Works	84 days	0 days	100%	Sat 29/1/22	Fri 22/4/22	Sat 29/1/22	Fri 22/4/22	0 days	0 days	
302	DM-20310	Demolition of RC Structures less than 2-storey	48 days	0 days	100%	Sat 29/1/22	Thu 17/3/22	Sat 29/1/22	Thu 17/3/22	0 days	0 days	
303	DM-20311	Prepare and Submit Design	24 days	0 days	100%	Sat 29/1/22	Mon 21/2/22	Sat 29/1/22	Mon 21/2/22	0 days	0 days	38SS+1 day,39SS+1 day
304	DM-20312	ICE Certification, Approval and Consent	24 days	0 days	100%	Tue 22/2/22	Thu 17/3/22	Tue 22/2/22	Thu 17/3/22	0 days	0 days	303
305	DM-20320	Demolition of Steel Frame Structures	60 days	0 days	100%	Tue 22/2/22	Fri 22/4/22	Tue 22/2/22	Fri 22/4/22	0 days	0 days	

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors
306	DM-20321	Prepare and Submit Design	36 days	0 days	100%	Tue 22/2/22	Tue 29/3/22	Tue 22/2/22	Tue 29/3/22	0 days	0 days	303
307	DM-20322	ICE Certification, Approval and Consent	24 days	0 days	100%	Wed 30/3/22	Fri 22/4/22	Wed 30/3/22	Fri 22/4/22	0 days	0 days	306
308	DM-20400	Drainage, Sewerage and Water Works	60 days	0 days	100%	Thu 29/4/21	Sun 27/6/21	Thu 29/4/21	Sun 27/6/21	0 days	0 days	
309	DM-20410	ELS Design (By Shoring Method)	36 days	0 days	100%	Thu 29/4/21	Thu 3/6/21	Thu 29/4/21	Thu 3/6/21	0 days	0 days	
310	DM-20411	Prepare and Submit Design	12 days	0 days	100%	Thu 29/4/21	Mon 10/5/21	Thu 29/4/21	Mon 10/5/21	0 days	0 days	46FS+1 day
311	DM-20412	ICE Certification, Approval and Consent	24 days	0 days	100%	Tue 11/5/21	Thu 3/6/21	Tue 11/5/21	Thu 3/6/21	0 days	0 days	310
312	DM-20420	Temporary Utility Support	36 days	0 days	100%	Tue 11/5/21	Tue 15/6/21	Tue 11/5/21	Tue 15/6/21	0 days	0 days	
313	DM-20421	Prepare and Submit Design	12 days	0 days	100%	Tue 11/5/21	Sat 22/5/21	Tue 11/5/21	Sat 22/5/21	0 days	0 days	310
314	DM-20422	ICE Certification, Approval and Consent	24 days	0 days	100%	Sun 23/5/21	Tue 15/6/21	Sun 23/5/21	Tue 15/6/21	0 days	0 days	313
315	DM-20430	Formwork Design for Manhole Construction	36 days	0 days	100%	Sun 23/5/21	Sun 27/6/21	Sun 23/5/21	Sun 27/6/21	0 days	0 days	
316	DM-20431	Prepare and Submit Design	12 days	0 days	100%	Sun 23/5/21	Thu 3/6/21	Sun 23/5/21	Thu 3/6/21	0 days	0 days	313
317	DM-20432	ICE Certification, Approval and Consent	24 days	0 days	100%	Fri 4/6/21	Sun 27/6/21	Fri 4/6/21	Sun 27/6/21	0 days	0 days	316
318	DM-20500	Geotechnical Works	48 days	0 days	100%	Sat 21/10/23	Thu 7/12/23	Sat 21/10/23	Thu 7/12/23	0 days	0 days	
319	DM-20510	Working Platform	36 days	0 days	100%	Sat 21/10/23	Sat 25/11/23	Sat 21/10/23	Sat 25/11/23	0 days	0 days	
320	DM-20511	Prepare and Submit Design	12 days	0 days	100%	Sat 21/10/23	Wed 1/11/23	Sat 21/10/23	Wed 1/11/23	0 days	0 days	254
321	DM-20512	ICE Certification, Approval and Consent	24 days	0 days	100%	Thu 2/11/23	Sat 25/11/23	Thu 2/11/23	Sat 25/11/23	0 days	0 days	320
322	DM-20520	Formwork Design for RC Structures	36 days	0 days	100%	Thu 2/11/23	Thu 7/12/23	Thu 2/11/23	Thu 7/12/23	0 days	0 days	
323	DM-20521	Prepare and Submit Design	12 days	0 days	100%	Thu 2/11/23	Mon 13/11/23	Thu 2/11/23	Mon 13/11/23	0 days	0 days	320
324	DM-20522	ICE Certification, Approval and Consent	24 days	0 days	100%	Tue 14/11/23	Thu 7/12/23	Tue 14/11/23	Thu 7/12/23	0 days	0 days	323
325	DM-20600	Pipe Jacking	60 days	0 days	100%	Sat 14/8/21	Tue 12/10/21	Sat 14/8/21	Tue 12/10/21	0 days	0 days	
326	DM-20610	ELS Design (By Shoring Method)	60 days	0 days	100%	Sat 14/8/21	Tue 12/10/21	Sat 14/8/21	Tue 12/10/21	0 days	0 days	
327	DM-20611	Prepare and Submit Design	30 days	0 days	100%	Sat 14/8/21	Sun 12/9/21	Sat 14/8/21	Sun 12/9/21	0 days	0 days	151,218
328	DM-20612	ICE Certification, Approval and Consent	30 days	0 days	100%	Mon 13/9/21	Tue 12/10/21	Mon 13/9/21	Tue 12/10/21	0 days	0 days	327
329	DM-20700	Retaining Wall	158 days	0 days	100%	Wed 28/4/21	Sat 2/10/21	Wed 28/4/21	Sat 2/10/21	0 days	0 days	
330	DM-20710	Formwork Design for Lagging Wall Construction (Soldier Pile Wall)	36 days	0 days	100%	Wed 28/4/21	Wed 2/6/21	Wed 28/4/21	Wed 2/6/21	0 days	0 days	
331	DM-20711	Prepare and Submit Design	12 days	0 days	100%	Wed 28/4/21	Sun 9/5/21	Wed 28/4/21	Sun 9/5/21	0 days	0 days	
332	DM-20712	ICE Certification, Approval and Consent	24 days	0 days	100%	Mon 10/5/21	Wed 2/6/21	Mon 10/5/21	Wed 2/6/21	0 days	0 days	331
333	DM-20720	Formwork Design for Lagging Wall Construction (Bored Pile Wall)	36 days	0 days	100%	Mon 10/5/21	Mon 14/6/21	Mon 10/5/21	Mon 14/6/21	0 days	0 days	
334	DM-20721	Prepare and Submit Design	12 days	0 days	100%	Mon 10/5/21	Fri 21/5/21	Mon 10/5/21	Fri 21/5/21	0 days	0 days	331
335	DM-20722	ICE Certification, Approval and Consent	24 days	0 days	100%	Sat 22/5/21	Mon 14/6/21	Sat 22/5/21	Mon 14/6/21	0 days	0 days	334
336	DM-20730	Formwork Design for RC Capping Beam Construction	36 days	0 days	100%	Sat 22/5/21	Sat 26/6/21	Sat 22/5/21	Sat 26/6/21	0 days	0 days	
337	DM-20731	Prepare and Submit Design	12 days	0 days	100%	Sat 22/5/21	Wed 2/6/21	Sat 22/5/21	Wed 2/6/21	0 days	0 days	334
338	DM-20732	ICE Certification, Approval and Consent	24 days	0 days	100%	Thu 3/6/21	Sat 26/6/21	Thu 3/6/21	Sat 26/6/21	0 days	0 days	337
339	DM-20740	Formwork Design for RC Retaining Wall Construction	36 days	0 days	100%	Sat 28/8/21	Sat 2/10/21	Sat 28/8/21	Sat 2/10/21	0 days	0 days	
340	DM-20741	Prepare and Submit Design	12 days	0 days	100%	Sat 28/8/21	Wed 8/9/21	Sat 28/8/21	Wed 8/9/21	0 days	0 days	34
341	DM-20742	ICE Certification, Approval and Consent	24 days	0 days	100%	Thu 9/9/21	Sat 2/10/21	Thu 9/9/21	Sat 2/10/21	0 days	0 days	340
342	DM-20800	Detention Pond	36 days	0 days	100%	Sat 29/1/22	Sat 5/3/22	Sat 29/1/22	Sat 5/3/22	0 days	0 days	
343	DM-20810	Formwork Design for RC Structure Construction	36 days	0 days	100%	Sat 29/1/22	Sat 5/3/22	Sat 29/1/22	Sat 5/3/22	0 days	0 days	
344	DM-20011	Prepare and Submit Design	12 days	0 days	100%	Sat 29/1/22	Wed 9/2/22	Sat 29/1/22	Wed 9/2/22	0 days	0 days	39FS+1 day
345	DM-20812	ICE Certification, Approval and Consent	24 days	0 days	100%	Thu 10/2/22	Sat 5/3/22	Thu 10/2/22	Sat 5/3/22	0 days	0 days	344
346	DM-20900	RC Box Culvert	150 days	0 days	100%	Sat 29/1/22	Mon 27/6/22	Sat 29/1/22	Mon 27/6/22	0 days	0 days	
347	DM-20910	Temp Works for Drainage Diversion	150 days	0 days	100%	Sat 29/1/22	Mon 27/6/22	Sat 29/1/22	Mon 27/6/22	0 days	0 days	
348	DM-20911	Prepare and Submit Design	30 days	0 days	100%	Sat 29/1/22	Sun 27/2/22	Sat 29/1/22	Sun 27/2/22	0 days	0 days	40FS+1 day
349	DM-20912	ICE Certification, Approval and Consent (By DSD)	120 days	0 days	100%	Mon 28/2/22	Mon 27/6/22	Mon 28/2/22	Mon 27/6/22	0 days	0 days	348,161FF
350	DM-20920	Temp Excavation for Box Culvert Construction (Open Cut with Concrete Block Wall)	50 days	0 days	100%	Mon 28/2/22	Mon 18/4/22	Mon 28/2/22	Mon 18/4/22	0 days	0 days	
351	DM-20921	Prepare and Submit Design	25 days	0 days	100%	Mon 28/2/22	Thu 24/3/22	Mon 28/2/22	Thu 24/3/22	0 days	0 days	348

Contract No. YL/2020/03

Hung Shui Kiu/Ha Tsuen New Development Area Stage 1 Works -

Site Formation and Engineering Infrastructure

Revised Programme Rev.12

(Feb 2025)

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021	Half 2, 2021	Half 1, 2022	Half 2, 2022	Half 1, 2023	Half 2, 2023	Half 1, 2024	Half 2, 2024	Half 1, 2025	Half 2, 2025	Half 1, 2026	Half 2, 2026
352	DM-20922	ICE Certification, Approval and Consent	25 days	0 days	100%	Fri 25/3/22	Mon 18/4/22	Fri 25/3/22	Mon 18/4/22	0 days	0 days	351												
353	DM-20930	Formwork and Falsework Design for RC Structures	50 days	0 days	100%	Fri 25/3/22	Fri 13/5/22	Fri 25/3/22	Fri 13/5/22	0 days	0 days													
354	DM-20931	Prepare and Submit Design	25 days	0 days	100%	Fri 25/3/22	Mon 18/4/22	Fri 25/3/22	Mon 18/4/22	0 days	0 days	351												
355	DM-20932	ICE Certification, Approval and Consent	25 days	0 days	100%	Tue 19/4/22	Fri 13/5/22	Tue 19/4/22	Fri 13/5/22	0 days	0 days	354												
356	DM-21000	Transformer Room	50 days	0 days	100%	Fri 29/10/21	Fri 17/12/21	Fri 29/10/21	Fri 17/12/21	0 days	0 days													
357	DM-21010	Formwork and Falsework Design for RC Structures	50 days	0 days	100%	Fri 29/10/21	Fri 17/12/21	Fri 29/10/21	Fri 17/12/21	0 days	0 days													
358	DM-21011	Prepare and Submit Design	25 days	0 days	100%	Fri 29/10/21	Mon 22/11/21	Fri 29/10/21	Mon 22/11/21	0 days	0 days	262												
359	DM-21012	ICE Certification, Approval and Consent	25 days	0 days	100%	Tue 23/11/21	Fri 17/12/21	Tue 23/11/21	Fri 17/12/21	0 days	0 days	358												
360	DM-21100	Sewage Pumping Station	75 days	0 days	100%	Mon 18/9/23	Fri 1/12/23	Mon 18/9/23	Fri 1/12/23	0 days	0 days													
361	DM-21110	ELS Design (By Shoring Method)	50 days	0 days	100%	Mon 18/9/23	Mon 6/11/23	Mon 18/9/23	Mon 6/11/23	0 days	0 days													
362	DM-21111	Prepare and Submit Design	25 days	0 days	100%	Mon 18/9/23	Thu 12/10/23	Mon 18/9/23	Thu 12/10/23	0 days	0 days	258												
363	DM-21112	ICE Certification, Approval and Consent	25 days	0 days	100%	Fri 13/10/23	Mon 6/11/23	Fri 13/10/23	Mon 6/11/23	0 days	0 days	362												
364	DM-21120	Formwork and Falsework Design for RC Structures	50 days	0 days	100%	Fri 13/10/23	Fri 1/12/23	Fri 13/10/23	Fri 1/12/23	0 days	0 days													
365	DM-21121	Prepare and Submit Design	25 days	0 days	100%	Fri 13/10/23	Mon 6/11/23	Fri 13/10/23	Mon 6/11/23	0 days	0 days	362												
366	DM-21122	ICE Certification, Approval and Consent	25 days	0 days	100%	Tue 7/11/23	Fri 1/12/23	Tue 7/11/23	Fri 1/12/23	0 days	0 days	365,363												
367	DM-30000	Method Statement and Risk Assessment	1147 days	40.81 days	0%	Tue 20/4/21	Sun 9/6/24	Tue 20/4/21	Sat 5/4/25	300 days	300 days													
368	DM-30100	Site Establishment	150 days	0 days	100%	Tue 20/4/21	Thu 16/9/21	Tue 20/4/21	Thu 16/9/21	0 days	0 days													
369	DM-30110	General Site Clearance	9 days	0 days	100%	Tue 20/4/21	Wed 28/4/21	Tue 20/4/21	Wed 28/4/21	0 days	0 days													
370	DM-30111	Prepare and Submit Method Statement/Risk Assessment	2 days	0 days	100%	Tue 20/4/21	Wed 21/4/21	Tue 20/4/21	Wed 21/4/21	0 days	0 days	2FS+1 day												
371	DM-30112	Approval and Consent	7 days	0 days	100%	Thu 22/4/21	Wed 28/4/21	Thu 22/4/21	Wed 28/4/21	0 days	0 days	370												
372	DM-30120	Hoarding Construction	38 days	0 days	100%	Sat 22/5/21	Mon 28/6/21	Sat 22/5/21	Mon 28/6/21	0 days	0 days													
373	DM-30121	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Sat 22/5/21	Mon 14/6/21	Sat 22/5/21	Mon 14/6/21	0 days	0 days	278												
374	DM-30122	Approval and Consent	14 days	0 days	100%	Tue 15/6/21	Mon 28/6/21	Tue 15/6/21	Mon 28/6/21	0 days	0 days	373												
375	DM-30130	Construction of PM's Accommodation (MiC)	38 days	0 days	100%	Tue 10/8/21	Thu 16/9/21	Tue 10/8/21	Thu 16/9/21	0 days	0 days													
376	DM-30131	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Tue 10/8/21	Thu 2/9/21	Tue 10/8/21	Thu 2/9/21	0 days	0 days	275												
377	DM-30132	Approval and Consent	14 days	0 days	100%	Fri 3/9/21	Thu 16/9/21	Fri 3/9/21	Thu 16/9/21	0 days	0 days	376												
378	DM-30140	Utilities Detection and Trial Pit Excavation	21 days	0 days	100%	Wed 9/6/21	Tue 29/6/21	Wed 9/6/21	Tue 29/6/21	0 days	0 days													
379	DM-30141	Prepare and Submit Method Statement/Risk Assessment	7 days	0 days	100%	Wed 9/6/21	Tue 15/6/21	Wed 9/6/21	Tue 15/6/21	0 days	0 days	281												
380	DM-30142	Approval and Consent	14 days	0 days	100%	Wed 16/6/21	Tue 29/6/21	Wed 16/6/21	Tue 29/6/21	0 days	0 days	379												
381	DM-30150	Project Signboard Construction	38 days	0 days	100%	Sat 22/5/21	Mon 28/6/21	Sat 22/5/21	Mon 28/6/21	0 days	0 days													
382	DM-30151	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Sat 22/5/21	Mon 14/6/21	Sat 22/5/21	Mon 14/6/21	0 days	0 days	278												
383	DM-30152	Approval and Consent	14 days	0 days	100%	Tue 15/6/21	Mon 28/6/21	Tue 15/6/21	Mon 28/6/21	0 days	0 days	382												
384	DM-30200	Tree Treatment	42 days	0 days	100%	Tue 20/4/21	Mon 31/5/21	Tue 20/4/21	Mon 31/5/21	0 days	0 days													
385	DM-30210	Tree Felling and Protection	28 days	0 days	100%	Tue 20/4/21	Mon 17/5/21	Tue 20/4/21	Mon 17/5/21	0 days	0 days													
386	DM-30211	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Tue 20/4/21	Mon 3/5/21	Tue 20/4/21	Mon 3/5/21	0 days	0 days	2FS+1 day												
387	DM-30212	Approval and Consent	14 days	0 days	100%	Tue 4/5/21	Mon 17/5/21	Tue 4/5/21	Mon 17/5/21	0 days	0 days	386												
388	DM-30220	Tree Transplanting	28 days	0 days	100%	Tue 4/5/21	Mon 31/5/21	Tue 4/5/21	Mon 31/5/21	0 days	0 days													
389	DM-30221	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Tue 4/5/21	Mon 17/5/21	Tue 4/5/21	Mon 17/5/21	0 days	0 days	386												
390	DM-30222	Approval and Consent	14 days	0 days	100%	Tue 18/5/21	Mon 31/5/21	Tue 18/5/21	Mon 31/5/21	0 days	0 days	389												
391	DM-30300	Ground Investigation (Environmental Borehole, Trial Pit and GI Borehole)	38 days	0 days	100%	Wed 19/1/22	Fri 25/2/22	Wed 19/1/22	Fri 25/2/22	0 days	0 days													
392	DM-30310	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Wed 19/1/22	Fri 11/2/22	Wed 19/1/22	Fri 11/2/22	0 days	0 days	31FS+1 day												
393	DM-30320	Approval and Consent	14 days	0 days	100%	Sat 12/2/22	Fri 25/2/22	Sat 12/2/22	Fri 25/2/22	0 days	0 days	392												
394	DM-30400	Demolition Works	74 days	0 days	100%	Fri 18/3/22	Mon 30/5/22	Fri 18/3/22	Mon 30/5/22	0 days	0 days													
395	DM-30410	Demolition of RC Structures less than 2-storey	28 days	0 days	100%	Fri 18/3/22	Thu 14/4/22	Fri 18/3/22	Thu 14/4/22	0 days	0 days													
396	DM-30411	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Fri 18/3/22	Thu 31/3/22	Fri 18/3/22	Thu 31/3/22	0 days	0 days	304												
397	DM-30412	Approval and Consent	14 days	0 days	100%	Fri 1/4/22	Thu 14/4/22	Fri 1/4/22	Thu 14/4/22	0 days	0 days	396												
398	DM-30420	Demolition of Steel Frame Structures	38 days	0 days	100%	Sat 23/4/22	Mon 30/5/22	Sat 23/4/22	Mon 30/5/22	0 days	0 days													
399	DM-30421	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Sat 23/4/22	Mon 16/5/22	Sat 23/4/22	Mon 16/5/22	0 days	0 days	396,307												

Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	
400	DM-30422	Approval and Consent	14 days	0 days	100%	Tue 17/5/22	Mon 30/5/22	Tue 17/5/22	Mon 30/5/22	0 days	0 days	399
401	DM-30500	Drainage, Sewerage and Waterworks	56 days	0 days	100%	Wed 16/6/21	Tue 10/8/21	Wed 16/6/21	Tue 10/8/21	0 days	0 days	
402	DM-30510	Waterworks and Associated Reinstatement Works	28 days	0 days	100%	Wed 16/6/21	Tue 13/7/21	Wed 16/6/21	Tue 13/7/21	0 days	0 days	
403	DM-30511	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Wed 16/6/21	Tue 29/6/21	Wed 16/6/21	Tue 29/6/21	0 days	0 days	311,314
404	DM-30512	Approval and Consent	14 days	0 days	100%	Wed 30/6/21	Tue 13/7/21	Wed 30/6/21	Tue 13/7/21	0 days	0 days	403
405	DM-30520	Drainage and Associated Roadworks	28 days	0 days	100%	Wed 30/6/21	Tue 27/7/21	Wed 30/6/21	Tue 27/7/21	0 days	0 days	
406	DM-30521	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Wed 30/6/21	Tue 13/7/21	Wed 30/6/21	Tue 13/7/21	0 days	0 days	403,317,311,314
407	DM-30522	Approval and Consent	14 days	0 days	100%	Wed 14/7/21	Tue 27/7/21	Wed 14/7/21	Tue 27/7/21	0 days	0 days	406
408	DM-30530	Sewerage and Associated Reinstatement Works	28 days	0 days	100%	Wed 14/7/21	Tue 10/8/21	Wed 14/7/21	Tue 10/8/21	0 days	0 days	
409	DM-30531	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Wed 14/7/21	Tue 27/7/21	Wed 14/7/21	Tue 27/7/21	0 days	0 days	406,317,311,314
410	DM-30532	Approval and Consent	14 days	0 days	100%	Wed 28/7/21	Tue 10/8/21	Wed 28/7/21	Tue 10/8/21	0 days	0 days	409
411	DM-30600	Construction of Retaining Wall	136 days	0 days	100%	Sun 27/6/21	Tue 9/11/21	Sun 27/6/21	Tue 9/11/21	0 days	0 days	
412	DM-30610	Soldier Pile Wall	38 days	0 days	100%	Sun 27/6/21	Tue 3/8/21	Sun 27/6/21	Tue 3/8/21	0 days	0 days	
413	DM-30611	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Sun 27/6/21	Tue 20/7/21	Sun 27/6/21	Tue 20/7/21	0 days	0 days	332,338
414	DM-30612	Approval and Consent	14 days	0 days	100%	Wed 21/7/21	Tue 3/8/21	Wed 21/7/21	Tue 3/8/21	0 days	0 days	413
415	DM-30620	Bored Pile Wall	38 days	0 days	100%	Sun 27/6/21	Tue 3/8/21	Sun 27/6/21	Tue 3/8/21	0 days	0 days	
416	DM-30621	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Sun 27/6/21	Tue 20/7/21	Sun 27/6/21	Tue 20/7/21	0 days	0 days	335,338
417	DM-30622	Approval and Consent	14 days	0 days	100%	Wed 21/7/21	Tue 3/8/21	Wed 21/7/21	Tue 3/8/21	0 days	0 days	416
418	DM-30630	RC Retaining Wall	38 days	0 days	100%	Sun 3/10/21	Tue 9/11/21	Sun 3/10/21	Tue 9/11/21	0 days	0 days	
419	DM-30631	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Sun 3/10/21	Tue 26/10/21	Sun 3/10/21	Tue 26/10/21	0 days	0 days	341
420	DM-30632	Approval and Consent	14 days	0 days	100%	Wed 27/10/21	Tue 9/11/21	Wed 27/10/21	Tue 9/11/21	0 days	0 days	419
421	DM-30700	Geotechnical Works	39 days	0 days	100%	Thu 2/5/24	Sun 9/6/24	Thu 2/5/24	Sun 9/6/24	0 days	0 days	
422	DM-30710	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Thu 2/5/24	Sat 25/5/24	Thu 2/5/24	Sat 25/5/24	0 days	0 days	324,321
423	DM-30720	Approval and Consent	14 days	0 days	100%	Mon 27/5/24	Sun 9/6/24	Mon 27/5/24	Sun 9/6/24	0 days	0 days	422
424	DM-30800	Typical Roadworks Construction (Ducts, Pavement, Street furniture, Road Marking etc.)	38 days	0 days	100%	Wed 19/1/22	Fri 25/2/22	Wed 19/1/22	Fri 25/2/22	0 days	0 days	
425	DM-30810	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Wed 19/1/22	Fri 11/2/22	Wed 19/1/22	Fri 11/2/22	0 days	0 days	31FS+1 day
426	DM-30820	Approval and Consent	14 days	0 days	100%	Sat 12/2/22	Fri 25/2/22	Sat 12/2/22	Fri 25/2/22	0 days	0 days	425
427	DM-30900	Site Formation Works (Earthwork and Surface Drainage)	38 days	0 days	100%	Wed 19/1/22	Fri 25/2/22	Wed 19/1/22	Fri 25/2/22	0 days	0 days	
428	DM-30910	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Wed 19/1/22	Fri 11/2/22	Wed 19/1/22	Fri 11/2/22	0 days	0 days	31FS+1 day
429	DM-30920	Approval and Consent	14 days	0 days	100%	Sat 12/2/22	Fri 25/2/22	Sat 12/2/22	Fri 25/2/22	0 days	0 days	428
430	DM-31000	Decontamination Works	28 days	0 days	100%	Tue 24/1/23	Mon 20/2/23	Tue 24/1/23	Mon 20/2/23	0 days	0 days	
431	DM-31010	Cement Solidification Works	28 days	0 days	100%	Tue 24/1/23	Mon 20/2/23	Tue 24/1/23	Mon 20/2/23	0 days	0 days	
432	DM-31011	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Tue 24/1/23	Mon 6/2/23	Tue 24/1/23	Mon 6/2/23	0 days	0 days	297FS-24 days
433	DM-31012	Approval and Consent	14 days	0 days	100%	Tue 7/2/23	Mon 20/2/23	Tue 7/2/23	Mon 20/2/23	0 days	0 days	432
434	DM-31020	Biopile Works	28 days	0 days	100%	Tue 24/1/23	Mon 20/2/23	Tue 24/1/23	Mon 20/2/23	0 days	0 days	
435	DM-31021	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Tue 24/1/23	Mon 6/2/23	Tue 24/1/23	Mon 6/2/23	0 days	0 days	300FS-24 days
436	DM-31022	Approval and Consent	14 days	0 days	100%	Tue 7/2/23	Mon 20/2/23	Tue 7/2/23	Mon 20/2/23	0 days	0 days	435
437	DM-31100	Construction of Sewage Pumping Station	38 days	0 days	100%	Sat 2/12/23	Mon 8/1/24	Sat 2/12/23	Mon 8/1/24	0 days	0 days	
438	DM-31110	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Sat 2/12/23	Mon 25/12/23	Sat 2/12/23	Mon 25/12/23	0 days	0 days	366
439	DM-31120	Approval and Consent	14 days	0 days	100%	Tue 26/12/23	Mon 8/1/24	Tue 26/12/23	Mon 8/1/24	0 days	0 days	438
440	DM-31200	Construction of Transformer Room	38 days	0 days	100%	Sat 18/12/21	Mon 24/1/22	Sat 18/12/21	Mon 24/1/22	0 days	0 days	
441	DM-31210	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Sat 18/12/21	Mon 10/1/22	Sat 18/12/21	Mon 10/1/22	0 days	0 days	359
442	DM-31220	Approval and Consent	14 days	0 days	100%	Tue 11/1/22	Mon 24/1/22	Tue 11/1/22	Mon 24/1/22	0 days	0 days	441
443	DM-31300	Construction of Detention Pond	28 days	0 days	100%	Sun 6/3/22	Sat 2/4/22	Sun 6/3/22	Sat 2/4/22	0 days	0 days	
444	DM-31310	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Sun 6/3/22	Sat 19/3/22	Sun 6/3/22	Sat 19/3/22	0 days	0 days	345
445	DM-31320	Approval and Consent	14 days	0 days	100%	Sun 20/3/22	Sat 2/4/22	Sun 20/3/22	Sat 2/4/22	0 days	0 days	444
446	DM-31400	Box Culvert Construction	188 days	0 days	100%	Sat 29/1/22	Thu 4/8/22	Sat 29/1/22	Thu 4/8/22	0 days	0 days	
447	DM-31410	Temp Drainage Diversion Works	150 days	0 days	100%	Sat 29/1/22	Mon 27/6/22	Sat 29/1/22	Mon 27/6/22	0 days	0 days	

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ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors
448	DM-31411	Prepare and Submit Method Statement/Risk Assessment	30 days	0 days	100%	Sat 29/1/22	Sun 27/2/22	Sat 29/1/22	Sun 27/2/22	0 days	0 days	348SS
449	DM-31412	Approval and Consent (By DSD)	120 days	0 days	100%	Mon 28/2/22	Mon 27/6/22	Mon 28/2/22	Mon 27/6/22	0 days	0 days	448,349FF
450	DM-31420	Construction of RC Box Culvert	38 days	0 days	100%	Tue 28/6/22	Thu 4/8/22	Tue 28/6/22	Thu 4/8/22	0 days	0 days	
451	DM-31421	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Tue 28/6/22	Thu 21/7/22	Tue 28/6/22	Thu 21/7/22	0 days	0 days	352,355,449
452	DM-31422	Approval and Consent	14 days	0 days	100%	Fri 22/7/22	Thu 4/8/22	Fri 22/7/22	Thu 4/8/22	0 days	0 days	451
453	DM-31500	Pipe Jacking	38 days	0 days	100%	Wed 13/10/21	Fri 19/11/21	Wed 13/10/21	Fri 19/11/21	0 days	0 days	
454	DM-31510	Prepare and Submit Method Statement/Risk Assessment	24 days	0 days	100%	Wed 13/10/21	Fri 5/11/21	Wed 13/10/21	Fri 5/11/21	0 days	0 days	328
455	DM-31520	Approval and Consent	14 days	0 days	100%	Sat 6/11/21	Fri 19/11/21	Sat 6/11/21	Fri 19/11/21	0 days	0 days	454
456	DM-31600	Road Lighting	28 days	0 days	100%	Fri 4/8/23	Thu 31/8/23	Fri 4/8/23	Thu 31/8/23	0 days	0 days	
457	DM-31610	Prepare and Submit Method Statement/Risk Assessment	14 days	0 days	100%	Fri 4/8/23	Thu 17/8/23	Fri 4/8/23	Thu 17/8/23	0 days	0 days	266,270
458	DM-31620	Approval and Consent	14 days	0 days	100%	Fri 18/8/23	Thu 31/8/23	Fri 18/8/23	Thu 31/8/23	0 days	0 days	457
459	DM-31700	Soft Landscape	38 days	38 days	0%	Fri 10/2/23	Sun 19/3/23	Thu 27/2/25	Sat 5/4/25	748 days	748 days	
460	DM-31710	Tree Planting and Soiling	38 days	38 days	0%	Fri 10/2/23	Sun 19/3/23	Thu 27/2/25	Sat 5/4/25	748 days	748 days	
461	DM-31711	Prepare and Submit Method Statement/Risk Assessment	24 days	24 days	0%	Fri 10/2/23	Sun 5/3/23	Thu 27/2/25	Sat 22/3/25	0 days	748 days	227
462	DM-31712	Approval and Consent	14 days	14 days	0%	Mon 6/3/23	Sun 19/3/23	Sun 23/3/25	Sat 5/4/25	748 days	748 days	461
463	DM-40000	Temporary Traffic Management Scheme	709 days	0 days	100%	Thu 23/9/21	Fri 1/9/23	Thu 23/9/21	Fri 1/9/23	0 days	0 days	
464	DM-40100	TTA around Ping Ha Road	452 days	0 days	100%	Thu 23/9/21	Sun 18/12/22	Thu 23/9/21	Sun 18/12/22	0 days	0 days	
465	DM-40110	Preparation of TTMS	420 days	0 days	100%	Thu 23/9/21	Wed 16/11/22	Thu 23/9/21	Wed 16/11/22	0 days	0 days	146
466	DM-40120	Present and Approved at TMLG	1 day	0 days	100%	Thu 17/11/22	Thu 17/11/22	Thu 17/11/22	Thu 17/11/22	0 days	0 days	465
467	DM-40130	Endorsement of TTMS	21 days	0 days	100%	Fri 18/11/22	Thu 8/12/22	Fri 18/11/22	Thu 8/12/22	0 days	0 days	466
468	DM-40140	RWA Application and 2 Days Notification	10 days	0 days	100%	Fri 9/12/22	Sun 18/12/22	Fri 9/12/22	Sun 18/12/22	0 days	0 days	467
469	DM-40200	TTA around Ha Tsuen Road	492 days	0 days	100%	Thu 28/4/22	Fri 1/9/23	Thu 28/4/22	Fri 1/9/23	0 days	0 days	
470	DM-40210	Preparation of TTMS	460 days	0 days	100%	Thu 28/4/22	Mon 31/7/23	Thu 28/4/22	Mon 31/7/23	0 days	0 days	154
471	DM-40220	Present and Approved at TMLG	1 day	0 days	100%	Tue 1/8/23	Tue 1/8/23	Tue 1/8/23	Tue 1/8/23	0 days	0 days	470
472	DM-40230	Endorsement of TTMS	21 days	0 days	100%	Wed 2/8/23	Tue 22/8/23	Wed 2/8/23	Tue 22/8/23	0 days	0 days	471
473	DM-40240	RWA Application and 2 Days Notification	10 days	0 days	100%	Wed 23/8/23	Fri 1/9/23	Wed 23/8/23	Fri 1/9/23	0 days	0 days	472
474	DM-40300	TTA around Fung Kong Tsuen Road	122 days	0 days	100%	Sun 30/4/23	Tue 29/8/23	Sun 30/4/23	Tue 29/8/23	0 days	0 days	
475	DM-40310	Preparation of TTMS	90 days	0 days	100%	Sun 30/4/23	Fri 28/7/23	Sun 30/4/23	Fri 28/7/23	0 days	0 days	157,283
476	DM-40320	Present and Approved at TMLG	1 day	0 days	100%	Sat 29/7/23	Sat 29/7/23	Sat 29/7/23	Sat 29/7/23	0 days	0 days	475
477	DM-40330	Endorsement of TTMS	21 days	0 days	100%	Sun 30/7/23	Sat 19/8/23	Sun 30/7/23	Sat 19/8/23	0 days	0 days	476
478	DM-40340	RWA Application and 2 Days Notification	10 days	0 days	100%	Sun 20/8/23	Tue 29/8/23	Sun 20/8/23	Tue 29/8/23	0 days	0 days	477
479	DM-40400	TTA around Lau Fau Shan Road	122 days	0 days	100%	Sun 30/4/23	Tue 29/8/23	Sun 30/4/23	Tue 29/8/23	0 days	0 days	
480	DM-40310	Preparation of TTMS	90 days	0 days	100%	Sun 30/4/23	Fri 28/7/23	Sun 30/4/23	Fri 28/7/23	0 days	0 days	157,283
481	DM-40320	Present and Approved at TMLG	1 day	0 days	100%	Sat 29/7/23	Sat 29/7/23	Sat 29/7/23	Sat 29/7/23	0 days	0 days	480
482	DM-40330	Endorsement of TTMS	21 days	0 days	100%	Sun 30/7/23	Sat 19/8/23	Sun 30/7/23	Sat 19/8/23	0 days	0 days	481
483	DM-40340	RWA Application and 2 Days Notification	10 days	0 days	100%	Sun 20/8/23	Tue 29/8/23	Sun 20/8/23	Tue 29/8/23	0 days	0 days	482
484		Construction	1844 days	323.1 days	92%	Thu 29/4/21	Sat 16/5/26	Thu 29/4/21	Sat 16/5/26	0 days	0 days	
485		Preliminary	205 days	0 days	100%	Thu 29/4/21	Fri 19/11/21	Thu 29/4/21	Sat 20/11/21	1 day	1 day	
486	CON-P-10100	Environment Baseline Monitoring	44 days	0 days	100%	Thu 1/7/21	Fri 13/8/21	Thu 1/7/21	Fri 13/8/21	0 days	0 days	
487	CON-P-10110	Submission of Baseline Monitoring Plan	14 days	0 days	100%	Thu 1/7/21	Wed 14/7/21	Thu 1/7/21	Wed 14/7/21	0 days	0 days	191
488	CON-P-10120	Conduct Baseline Monitoring	30 days	0 days	100%	Thu 15/7/21	Fri 13/8/21	Thu 15/7/21	Fri 13/8/21	0 days	0 days	487
489	CON-P-10130	Completion of Baseline Monitoring	0 days	0 days	100%	Fri 13/8/21	Fri 13/8/21	Fri 13/8/21	Fri 13/8/21	0 days	0 days	488
490	CON-P-20100	Site Depot	205 days	0 days	100%	Thu 29/4/21	Fri 19/11/21	Thu 29/4/21	Sat 20/11/21	1 day	1 day	
491	CON-P-20110	Site Clearance	2 days	0 days	100%	Thu 29/4/21	Fri 30/4/21	Thu 29/4/21	Fri 30/4/21	0 days	0 days	46FS+1 day,371
492	CON-P-20120	Establishment	21 days	0 days	100%	Sat 1/5/21	Fri 21/5/21	Sat 1/5/21	Fri 21/5/21	0 days	0 days	
493	CON-P-20121	Condition Survey	7 days	0 days	100%	Sat 1/5/21	Fri 7/5/21	Sat 1/5/21	Fri 7/5/21	0 days	0 days	491
494	CON-P-20122	Tree Survey	7 days	0 days	100%	Sat 1/5/21	Fri 7/5/21	Sat 1/5/21	Fri 7/5/21	0 days	0 days	491
495	CON-P-20123	Initial Survey	14 days	0 days	100%	Sat 1/5/21	Fri 14/5/21	Sat 1/5/21	Fri 14/5/21	0 days	0 days	491

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\*E=Excavator L=Lorry W=Worker D=Drill plant C=Crane Lorry R=Rotter

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Site Formation and Engineering Infrastructure

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ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors
496	CON-P-20124	Health & Hygiene Facilities	7 days	0 days	100%	Sat 1/5/21	Fri 7/5/21	Sat 1/5/21	Fri 7/5/21	0 days	0 days	491
497	CON-P-20125	Underground Utilities Detection	7 days	0 days	100%	Sat 8/5/21	Fri 14/5/21	Sat 8/5/21	Fri 14/5/21	0 days	0 days	496
498	CON-P-20126	Setting up Temporary Office	7 days	0 days	100%	Sat 15/5/21	Fri 21/5/21	Sat 15/5/21	Fri 21/5/21	0 days	0 days	493,494,495,497
499	CON-P-20130	Hoarding/Project Signboard	8 days	0 days	100%	Tue 29/6/21	Tue 6/7/21	Tue 29/6/21	Tue 6/7/21	0 days	0 days	
500	CON-P-20131	Construction of Concrete Strip	2 days	0 days	100%	Tue 29/6/21	Wed 30/6/21	Tue 29/6/21	Wed 30/6/21	0 days	0 days	383,498
501	CON-P-20132	Erection of Project Signboard	6 days	0 days	100%	Thu 1/7/21	Tue 6/7/21	Thu 1/7/21	Tue 6/7/21	0 days	0 days	500
502	CON-P-20140	Project Manager's Accommodation	54 days	0 days	100%	Mon 27/9/21	Fri 19/11/21	Mon 27/9/21	Fri 19/11/21	0 days	0 days	
503	CON-P-20141	Construction of Foundation	42 days	0 days	100%	Mon 27/9/21	Sun 7/11/21	Mon 27/9/21	Sun 7/11/21	0 days	0 days	233FF,377,501
504	CON-P-20142	Delivery of MIC Modulars	3 days	0 days	100%	Mon 8/11/21	Wed 10/11/21	Mon 8/11/21	Wed 10/11/21	0 days	0 days	503
505	CON-P-20143	Erection of MIC Modulars	4 days	0 days	100%	Mon 8/11/21	Thu 11/11/21	Mon 8/11/21	Thu 11/11/21	0 days	0 days	504FS-3 days
506	CON-P-20144	Connection of Power and associated E&M works	4 days	0 days	100%	Fri 12/11/21	Mon 15/11/21	Fri 12/11/21	Mon 15/11/21	0 days	0 days	505
507	CON-P-20145	Testing and Commissioning	2 days	0 days	100%	Tue 16/11/21	Wed 17/11/21	Tue 16/11/21	Wed 17/11/21	0 days	0 days	506
508	CON-P-20146	Delivery of Office Furniture and Equipment	2 days	0 days	100%	Thu 18/11/21	Fri 19/11/21	Thu 18/11/21	Fri 19/11/21	0 days	0 days	507
509	CON-P-20150	Contractor's Accommodation	17 days	0 days	100%	Mon 27/9/21	Wed 13/10/21	Mon 27/9/21	Wed 13/10/21	0 days	0 days	
510	CON-P-20151	Construction of Foundation	10 days	0 days	100%	Mon 27/9/21	Wed 6/10/21	Mon 27/9/21	Wed 6/10/21	0 days	0 days	503SS
511	CON-P-20152	Delivery and Erection of Office Containers	3 days	0 days	100%	Thu 7/10/21	Sat 9/10/21	Thu 7/10/21	Sat 9/10/21	0 days	0 days	510
512	CON-P-20153	Connection of Power Supply	2 days	0 days	100%	Sun 10/10/21	Mon 11/10/21	Sun 10/10/21	Mon 11/10/21	0 days	0 days	511
513	CON-P-20154	Delivery of office Furniture and Equipment	2 days	0 days	100%	Tue 12/10/21	Wed 13/10/21	Tue 12/10/21	Wed 13/10/21	0 days	0 days	512
514	CON-P-30000	Completion of Site Accommodation	0 days	0 days	100%	Fri 19/11/21	Fri 19/11/21	Sat 20/11/21	Sat 20/11/21	1 day	1 day	508,513,501
515		Section 1A1	1205.8 days	63.64 days	96%	Sun 19/12/21	Mon 7/4/25	Sun 19/12/21	Sat 16/5/26	404.2 days	404.2 days	
516		Site 3-6 Additional Works affected by CIF Area	744 days	0 days	100%	Mon 30/1/23	Tue 11/2/25	Mon 30/1/23	Tue 11/2/25	0 days	0 days	
517	CON-3.6-CIF101	Mobilization of Plant and Labour Required (PMI 073)	14 days	0 days	100%	Mon 10/6/24	Sun 23/6/24	Mon 10/6/24	Sun 23/6/24	0 days	0 days	51
518	CON-3.6-CIF102	Removal of MIC Modules (PMI 073)	26 days	0 days	100%	Mon 24/6/24	Fri 19/7/24	Mon 24/6/24	Fri 19/7/24	0 days	0 days	517
519	CON-3.6-CIF110	Removal of Hoarding for CIF (PMI 073)	8 days	0 days	100%	Mon 24/6/24	Mon 1/7/24	Mon 24/6/24	Mon 1/7/24	0 days	0 days	517
520	CON-3.6-CIF120	Transportation of Imported Fill Material from Stie 3-6 UP to Site 3-6 LP for Future Backfilling works	120 days	0 days	100%	Mon 30/1/23	Mon 29/5/23	Mon 30/1/23	Mon 29/5/23	0 days	0 days	577
521	CON-3.6-CIF130	Transportation of Excavated Material from Stie 3-6 UP (south) to Completed Platform at Site 3-8 for Future Backfilling works	155 days	0 days	100%	Mon 30/1/23	Mon 3/7/23	Mon 30/1/23	Mon 3/7/23	0 days	0 days	577
522	CON-3.6-CIF140	Transportation of Excavated Material from Stie 3-6 UP (North) to Completed Platform at Site 3-6 UP(South) for Future Backfilling works	155 days	0 days	100%	Mon 30/1/23	Mon 3/7/23	Mon 30/1/23	Mon 3/7/23	0 days	0 days	577
523	CON-3.6-CIF150	Transportation of Treated Heavy Metal contaminated soil from Detention pond to Site 3-6 for Future Backfilling works at Road D1	120 days	0 days	100%	Sat 28/10/23	Sat 24/2/24	Sat 28/10/23	Sat 24/2/24	0 days	0 days	1181SS
524	CON-3.6-CIF160	Transportation of Treated Heavy Metal contaminated soil from Site 3-6 to Road D1 for Backfilling	37 days	0 days	100%	Fri 9/8/24	Sat 14/9/24	Fri 9/8/24	Sat 14/9/24	0 days	0 days	1211,1203,523,519
525	CON-3.6-CIF170	Transport of Stockpile to other Location for Backfilling	171 days	0 days	100%	Sun 25/8/24	Tue 11/2/25	Sun 25/8/24	Tue 11/2/25	0 days	0 days	581SS
526	CON-3.6-CIF180	Transport of Stock Material to Site 3-7 for Backfilling	63 days	0 days	100%	Sun 15/9/24	Sat 16/11/24	Sun 15/9/24	Sat 16/11/24	0 days	0 days	680SS,520,521,522,524
527	CON-3.6-CIF200	Removal of Temporary Sewerage Pumping Station and Septic Tank (PMI 073)	20 days	0 days	100%	Mon 22/7/24	Sat 10/8/24	Mon 22/7/24	Sat 10/8/24	0 days	0 days	535
528	CON-3.6-CIF210	Backfill & Compaction at Sewerage Pumping Station and Septic Tank +19.0mPD (PMI 073)	14 days	0 days	100%	Sun 11/8/24	Sat 24/8/24	Sun 11/8/24	Sat 24/8/24	0 days	0 days	527
529	CON-3.6-CIF220	Removal of additional Pavement within HSKCIF (PMI 073)	16 days	0 days	100%	Wed 24/7/24	Thu 8/8/24	Wed 24/7/24	Thu 8/8/24	0 days	0 days	550,535
530	CON-3.6-CIF230	Removal of Sewer and Watermain (PMI 073)	15 days	0 days	100%	Wed 31/7/24	Wed 14/8/24	Wed 31/7/24	Wed 14/8/24	0 days	0 days	550,529SS+7 days
531		Site 3-6 (Portion A2,B1,B2,B3)	1205.8 days	92.64 days	96%	Sun 19/12/21	Mon 7/4/25	Sun 19/12/21	Sat 16/5/26	404.2 days	404.2 days	
532	CON-3.6-10000	Site Clearance	916 days	0 days	100%	Tue 18/1/22	Sun 21/7/24	Tue 18/1/22	Sun 21/7/24	0 days	0 days	
533	CON-3.6-10100	Site Clearance for Portion A2	5 days	0 days	100%	Tue 18/1/22	Sat 22/1/22	Tue 18/1/22	Sat 22/1/22	0 days	0 days	31
534	CON-3.6-10200	Site Clearance for Portion B1,B2	5 days	0 days	100%	Fri 28/1/22	Tue 1/2/22	Fri 28/1/22	Tue 1/2/22	0 days	0 days	38,39
535	CON-3.6-10300	Site Clearance for Portion B2,B3 (CIF) after Decommissioning of CIF	2 days	0 days	100%	Sat 20/7/24	Sun 21/7/24	Sat 20/7/24	Sun 21/7/24	0 days	0 days	518
536	CON-3.6-20000	Establishment	948 days	0 days	100%	Sun 19/12/21	Tue 23/7/24	Sun 19/12/21	Tue 23/7/24	0 days	0 days	

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ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021	Half 2, 2021	Half 1, 2022	Half 2, 2022	Half 1, 2023	Half 2, 2023	Half 1, 2024	Half 2, 2024	Half 1, 2025	Half 2, 2025	Half 1, 2026	Half 2, 2026
537	CON-3.6-20100	Condition Survey for Existing Structures to be Demolished for Portion A2	14 days	0 days	100%	Sun 23/1/22	Sat 5/2/22	Sun 23/1/22	Sat 5/2/22	0 days	0 days	533												
538	CON-3.6-20200	Condition Survey for Existing Structures to be Demolished for Portion B1,B2	14 days	0 days	100%	Sun 6/2/22	Sat 19/2/22	Sun 6/2/22	Sat 19/2/22	0 days	0 days	534,537												
539	CON-3.6-20300	Tree Survey for Portion A2	14 days	0 days	100%	Sun 23/1/22	Sat 5/2/22	Sun 23/1/22	Sat 5/2/22	0 days	0 days	533												
540	CON-3.6-20400	Tree Survey for Portion B1,B2	14 days	0 days	100%	Wed 2/2/22	Tue 15/2/22	Wed 2/2/22	Tue 15/2/22	0 days	0 days	534												
541	CON-3.6-20500	Initial Survey for Portion A2	14 days	0 days	100%	Sun 23/1/22	Sat 5/2/22	Sun 23/1/22	Sat 5/2/22	0 days	0 days	533												
542	CON-3.6-20600	Initial Survey for Portion B1,B2	14 days	0 days	100%	Wed 2/2/22	Tue 15/2/22	Wed 2/2/22	Tue 15/2/22	0 days	0 days	534												
543	CON-3.6-20700	Site Haul Road for Portion A2	7 days	0 days	100%	Sun 23/1/22	Sat 29/1/22	Sun 23/1/22	Sat 29/1/22	0 days	0 days	533												
544	CON-3.6-20800	Site Haul Road for Portion B1,B2	7 days	0 days	100%	Sun 19/12/21	Sat 25/12/21	Sun 19/12/21	Sat 25/12/21	0 days	0 days	534												
545	CON-3.6-20900	Health & Hygiene Facilities	7 days	0 days	100%	Sun 23/1/22	Sat 29/1/22	Sun 23/1/22	Sat 29/1/22	0 days	0 days	533												
546	CON-3.6-21000	Fence Work & Gate for Portion A2	14 days	0 days	100%	Sun 23/1/22	Sat 5/2/22	Sun 23/1/22	Sat 5/2/22	0 days	0 days	533												
547	CON-3.6-21100	Fence Work for Portion B1,B2	14 days	0 days	100%	Sun 19/12/21	Sat 1/1/22	Sun 19/12/21	Sat 1/1/22	0 days	0 days	534												
548	CON-3.6-21200	Underground Utilities Detection for Portion A2	7 days	0 days	100%	Sun 23/1/22	Sat 29/1/22	Sun 23/1/22	Sat 29/1/22	0 days	0 days	533												
549	CON-3.6-21300	Underground Utilities Detection for Portion B1,B2	7 days	0 days	100%	Sun 19/12/21	Sat 25/12/21	Sun 19/12/21	Sat 25/12/21	0 days	0 days	534												
550	CON-3.6-21310	Underground Utilities Detection for Portion B2,B3 (CIF)	2 days	0 days	100%	Mon 22/7/24	Tue 23/7/24	Mon 22/7/24	Tue 23/7/24	0 days	0 days	535												
551	CON-3.6-21400	Install Monitoring Points	14 days	0 days	100%	Sun 2/1/22	Sat 15/1/22	Sun 2/1/22	Sat 15/1/22	0 days	0 days	547												
552	CON-3.6-30000	Tree Treatment	901 days	0 days	100%	Sun 6/2/22	Thu 25/7/24	Sun 6/2/22	Thu 25/7/24	0 days	0 days													
553	CON-3.6-30100	Tree Felling for Portion A2	14 days	0 days	100%	Sun 6/2/22	Sat 19/2/22	Sun 6/2/22	Sat 19/2/22	0 days	0 days	539,541,543,545,546,548,3												
554	CON-3.6-30200	Tree Felling for Portion B1, B2	14 days	0 days	100%	Sun 20/2/22	Sat 5/3/22	Sun 20/2/22	Sat 5/3/22	0 days	0 days	538,540,542,544,547,549												
555	CON-3.6-30210	Tree Felling for Portion B2,B3 (CIF)	2 days	0 days	100%	Wed 24/7/24	Thu 25/7/24	Wed 24/7/24	Thu 25/7/24	0 days	0 days	550												
556	CON-3.6-30300	Tree Protection Portion A2	14 days	0 days	100%	Sun 6/2/22	Sat 19/2/22	Sun 6/2/22	Sat 19/2/22	0 days	0 days	539,541,543,545,546,548,3												
557	CON-3.6-30400	Tree Protection Portion B1,B2	14 days	0 days	100%	Sun 20/2/22	Sat 5/3/22	Sun 20/2/22	Sat 5/3/22	0 days	0 days	538,540,542,544,547,549												
558	CON-3.6-40000	Demolition work	777 days	0 days	100%	Mon 20/6/22	Sun 4/8/24	Mon 20/6/22	Sun 4/8/24	0 days	0 days													
559	CON-3.6-40100	Demolition of Existing Structures	60 days	0 days	100%	Mon 20/6/22	Thu 18/8/22	Mon 20/6/22	Thu 18/8/22	0 days	0 days	538,397,400,551,557,554,5												
560	CON-3.6-40110	Demolition of Existing Steel Structures, existing sheet pile wall between +26.5mPD and +19.5mPD Platform (CIF)	14 days	0 days	100%	Mon 22/7/24	Sun 4/8/24	Mon 22/7/24	Sun 4/8/24	0 days	0 days	397,400,535												
561	CON-3.6-50000	Decontamination (Include Adjacent Road D1, Remediation of contaminated soil carried out at Detention Pond)	248 days	0 days	100%	Sun 20/2/22	Tue 25/10/22	Sun 20/2/22	Tue 25/10/22	0 days	0 days													
562	CON-3.6-51000	CAP	136 days	0 days	100%	Sun 20/2/22	Tue 5/7/22	Sun 20/2/22	Tue 5/7/22	0 days	0 days													
563	CON-3.6-51100	Site Appraisal for Portion A2	60 days	0 days	100%	Sun 20/2/22	Wed 20/4/22	Sun 20/2/22	Wed 20/4/22	0 days	0 days	553,556												
564	CON-3.6-51200	Site Appraisal for Portion B1,B2,B3& Preparation of CAP for all Portions	25 days	0 days	100%	Thu 21/4/22	Sun 15/5/22	Thu 21/4/22	Sun 15/5/22	0 days	0 days	563												
565	CON-3.6-51300	Submission& Endorsement by EPD	30 days	0 days	100%	Mon 6/6/22	Tue 5/7/22	Mon 6/6/22	Tue 5/7/22	0 days	0 days	564												
566	CON-3.6-52000	Ground Investigation (Trial Pit / Borehole)	45 days	0 days	100%	Sat 30/7/22	Mon 12/9/22	Sat 30/7/22	Mon 12/9/22	0 days	0 days													
567	CON-3.6-52100	Trial Pit Sampling& Testing	45 days	0 days	100%	Sat 30/7/22	Mon 12/9/22	Sat 30/7/22	Mon 12/9/22	0 days	0 days	565,551,554,559FS-20 days												
568	CON-3.6-52200	Inspection Pit for installing Groundwater Wells	45 days	0 days	100%	Sat 30/7/22	Mon 12/9/22	Sat 30/7/22	Mon 12/9/22	0 days	0 days	565,551,554,559FS-20 days												
569	CON-3.6-53000	CAR & RAP Submission	43 days	0 days	100%	Tue 13/9/22	Tue 25/10/22	Tue 13/9/22	Tue 25/10/22	0 days	0 days													
570	CON-3.6-53100	Preparation of CAR& RAP	15 days	0 days	100%	Tue 13/9/22	Tue 27/9/22	Tue 13/9/22	Tue 27/9/22	0 days	0 days	567,568												
571	CON-3.6-53200	Review and Accepted by EPD	28 days	0 days	100%	Wed 28/9/22	Tue 25/10/22	Wed 28/9/22	Tue 25/10/22	0 days	0 days	570,133												
572	CON-3.6-70000	Site formation	796.8 days	83.94 days	94%	Wed 1/2/23	Mon 7/4/25	Wed 1/2/23	Sat 16/5/26	404.2 days	404.2 days													
573	CON-3.6-70100	Earthwork	242 days	8.23 days	100%	Sat 13/7/24	Tue 11/3/25	Sat 13/7/24	Tue 11/3/25	0 days	0 days													
574	CON-3.6-70110	Excavation from Kai Pak Ling Road to Maintenance Access (+35.5 to +30.0mPD)	30 days	0 days	100%	Wed 2/10/24	Thu 31/10/24	Wed 2/10/24	Thu 31/10/24	0 days	0 days	429,559,571,591FS+10 days,583FS+10 days												
575	CON-3.6-70120	Cut Slope to Maintenance Access +30mPD	28 days	0 days	100%	Fri 1/11/24	Thu 28/11/24	Fri 1/11/24	Thu 28/11/24	0 days	0 days	574												
576	CON-3.6-70130	Excavation to Formation +23.0mPD	30 days	0 days	100%	Thu 2/1/25	Fri 31/1/25	Thu 2/1/25	Fri 31/1/25	0 days	0 days	575,609												
577	CON-3.6-70140	Cut Slope to Formation +23.0mPD	18 days	0 days	100%	Sat 1/2/25	Tue 18/2/25	Sat 1/2/25	Tue 18/2/25	0 days	0 days	576												
578	CON-3.6-70151	Trim slope at the bottom corner for temporary traffic diversion	5 days	0 days	100%	Fri 6/12/24	Tue 10/12/24	Fri 6/12/24	Tue 10/12/24	0 days	0 days	529,584												
579	CON-3.6-70152	Backfilling & Compaction to Formation +23.0mPD	12 days	0 days	100%	Sat 18/1/25	Wed 29/1/25	Sat 18/1/25	Wed 29/1/25	0 days	0 days	604FS-12 days												

Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021	Half 2, 2021	Half 1, 2022	Half 2, 2022	Half 1, 2023	Half 2, 2023	Half 1, 2024	Half 2, 2024	Half 1, 2025	Half 2, 2025	Half 1, 2026	Half 2, 2026																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D
624	CON-3.7-10100	Site Clearance for Portion A2	5 days	0 days	100%	Thu 28/7/22	Mon 1/8/22	Thu 28/7/22	Mon 1/8/22	0 days	0 days	50												
625	CON-3.7-10300	Site Clearance for Portion B2,B3,B4,B5 (CIF) after Decommissioning of CIF	5 days	0 days	100%	Sat 20/7/24	Wed 24/7/24	Sat 20/7/24	Wed 24/7/24	0 days	0 days	615												
626	CON-3.7-20000	Establishment	725 days	0 days	100%	Tue 2/8/22	Fri 26/7/24	Tue 2/8/22	Fri 26/7/24	0 days	0 days													
627	CON-3.7-20100	Condition Survey for Existing Structures to be Demolished for Portion A2	14 days	0 days	100%	Tue 2/8/22	Mon 15/8/22	Tue 2/8/22	Mon 15/8/22	0 days	0 days	624												
628	CON-3.7-20200	Condition Survey for Existing Structures to be Demolished for Portion B2,B3,B5	14 days	0 days	100%	Tue 16/8/22	Mon 29/8/22	Tue 16/8/22	Mon 29/8/22	0 days	0 days	627												
629	CON-3.7-20300	Tree Survey for Portion A2	14 days	0 days	100%	Tue 2/8/22	Mon 15/8/22	Tue 2/8/22	Mon 15/8/22	0 days	0 days	624												
630	CON-3.7-20400	Tree Survey for Portion B2,B3,B5	14 days	0 days	100%	Tue 16/8/22	Mon 29/8/22	Tue 16/8/22	Mon 29/8/22	0 days	0 days	629												
631	CON-3.7-20500	Initial Survey for Portion A2	14 days	0 days	100%	Tue 2/8/22	Mon 15/8/22	Tue 2/8/22	Mon 15/8/22	0 days	0 days	624												
632	CON-3.7-20600	Initial Survey for Portion B2,B3,B5	14 days	0 days	100%	Tue 16/8/22	Mon 29/8/22	Tue 16/8/22	Mon 29/8/22	0 days	0 days	631												
633	CON-3.7-20700	Site Haul Road for Portion A2	14 days	0 days	100%	Tue 2/8/22	Mon 15/8/22	Tue 2/8/22	Mon 15/8/22	0 days	0 days	624												
634	CON-3.7-20810	Site Haul Road for Portion (B2,B3,B4,B5 - CIF)	2 days	0 days	100%	Thu 25/7/24	Fri 26/7/24	Thu 25/7/24	Fri 26/7/24	0 days	0 days	625												
635	CON-3.7-20900	Health & Hygiene Facilities	7 days	0 days	100%	Tue 2/8/22	Mon 8/8/22	Tue 2/8/22	Mon 8/8/22	0 days	0 days	624												
636	CON-3.7-21000	Fence Work & Gate for Portion A2	14 days	0 days	100%	Tue 2/8/22	Mon 15/8/22	Tue 2/8/22	Mon 15/8/22	0 days	0 days	624												
637	CON-3.7-21200	Underground Utilities Detection for Portion A2	7 days	0 days	100%	Tue 2/8/22	Mon 8/8/22	Tue 2/8/22	Mon 8/8/22	0 days	0 days	624												
638	CON-3.7-21310	Underground Utilities Detection for Portion (B2,B3,B4,B5 - CIF)	2 days	0 days	100%	Thu 25/7/24	Fri 26/7/24	Thu 25/7/24	Fri 26/7/24	0 days	0 days	625												
639	CON-3.7-21400	Install Monitoring Points	14 days	0 days	100%	Tue 9/8/22	Mon 22/8/22	Tue 9/8/22	Mon 22/8/22	0 days	0 days	637												
640	CON-3.7-30000	Tree Treatment	746 days	0 days	100%	Tue 16/8/22	Fri 30/8/24	Tue 16/8/22	Fri 30/8/24	0 days	0 days													
641	CON-3.7-30100	Tree Felling for Portion A2	14 days	0 days	100%	Tue 16/8/22	Mon 29/8/22	Tue 16/8/22	Mon 29/8/22	0 days	0 days	635,636,637												
642	CON-3.7-30210	Tree Felling for Portion (B2,B3,B4,B5 - CIF)	7 days	0 days	100%	Sat 24/8/24	Fri 30/8/24	Sat 24/8/24	Fri 30/8/24	0 days	0 days	615												
643	CON-3.7-30300	Tree Protection Portion A2	14 days	0 days	100%	Tue 16/8/22	Mon 29/8/22	Tue 16/8/22	Mon 29/8/22	0 days	0 days	635,636,637												
644	CON-3.7-30400	Tree Protection Portion B2,B3,B4,B5 -CIF	7 days	0 days	100%	Tue 30/8/22	Wed 24/7/24	Tue 30/8/22	Wed 24/7/24	0 days	0 days	615												
645	CON-3.7-40000	Demolition work	705 days	0 days	100%	Tue 30/8/22	Sat 3/8/24	Tue 30/8/22	Sat 3/8/24	0 days	0 days													
646	CON-3.7-40100	Demolition of Existing Structures A2	15 days	0 days	100%	Tue 30/8/22	Tue 13/9/22	Tue 30/8/22	Tue 13/9/22	0 days	0 days	397,400,627,641												
647	CON-3.7-40110	Demolition of Existing Steel Structures - CIF	15 days	0 days	100%	Sat 20/7/24	Sat 3/8/24	Sat 20/7/24	Sat 3/8/24	0 days	0 days	397,400,615												
648	CON-3.7-50000	Decontamination (Include adjacent Road D1 and Road L51 , remediation of contaminated soil carried out at Detention Pond)	177 days	0 days	100%	Sat 1/10/22	Sun 26/3/23	Sat 1/10/22	Sun 26/3/23	0 days	0 days													
649	CON-3.7-51000	CAP	75 days	0 days	100%	Sat 1/10/22	Wed 14/12/22	Sat 1/10/22	Wed 14/12/22	0 days	0 days													
650	CON-3.7-51100	Site Appraisal for Portion A2	20 days	0 days	100%	Sat 1/10/22	Thu 20/10/22	Sat 1/10/22	Thu 20/10/22	0 days	0 days	641,643,633												
651	CON-3.7-51200	Site Appraisal for Portion B2,B3,B5& Preparation of CAP for all Portions	25 days	0 days	100%	Fri 21/10/22	Mon 14/11/22	Fri 21/10/22	Mon 14/11/22	0 days	0 days	650												
652	CON-3.7-51300	Submission& Endorsement by EPD	30 days	0 days	100%	Tue 15/11/22	Wed 14/12/22	Tue 15/11/22	Wed 14/12/22	0 days	0 days	651,288FF												
653	CON-3.7-52000	Ground Investigation (Trial Pit / Borehole)	45 days	0 days	100%	Thu 15/12/22	Sat 28/1/23	Thu 15/12/22	Sat 28/1/23	0 days	0 days													
654	CON-3.7-52100	Trial Pit Sampling& Testing	45 days	0 days	100%	Thu 15/12/22	Sat 28/1/23	Thu 15/12/22	Sat 28/1/23	0 days	0 days	639,652,393												
655	CON-3.7-52200	Inspection Pit for installing Groundwater Wells	45 days	0 days	100%	Thu 15/12/22	Sat 28/1/23	Thu 15/12/22	Sat 28/1/23	0 days	0 days	639,652												
656	CON-3.7-53000	CAR & RAP Submission	43 days	0 days	100%	Sun 29/1/23	Sun 12/3/23	Sun 29/1/23	Sun 12/3/23	0 days	0 days													
657	CON-3.7-53100	Preparation of CAR& RAP	15 days	0 days	100%	Sun 29/1/23	Sun 12/2/23	Sun 29/1/23	Sun 12/2/23	0 days	0 days	654,655												
658	CON-3.7-53200	Review and Accepted by EPD	28 days	0 days	100%	Mon 13/2/23	Sun 12/3/23	Mon 13/2/23	Sun 12/3/23	0 days	0 days	657												
659	CON-3.7-54000	Decontamination Works	14 days	0 days	100%	Sun 12/3/23	Sun 26/3/23	Sun 12/3/23	Sun 26/3/23	0 days	0 days													
660	CON-3.7-54100	Treatability Test for Heavy Metal	0 days	0 days	100%	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	0 days	0 days													
661	CON-3.7-54110	Treatability Test for Heavy Metal	0 days	0 days	100%	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	0 days	0 days	658												
662	CON-3.7-54200	Confirmation Test Sampling and Testing	0 days	0 days	100%	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	0 days	0 days													
663	CON-3.7-54210	Trial Pit	0 days	0 days	100%	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	0 days	0 days	658												
664	CON-3.7-54220	Sampling and Testing	0 days	0 days	100%	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	0 days	0 days	663												
665	CON-3.7-54300	Excavation of Contaminated Soil	0 days	0 days	100%	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	0 days	0 days													
666	CON-3.7-54310	To Stockpile for Biopile	0 days	0 days	100%	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	0 days	0 days	664,134												
667	CON-3.7-54320	To Stockpile for Cement Solidification	0 days	0 days	100%	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	Sun 12/3/23	0 days	0 days	664,134,661												

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors
668	CON-3.7-54400	Backfilling to Formation of Biopile Location	0 days	0 days	100%	Sun 26/3/23	Sun 26/3/23	Sun 26/3/23	Sun 26/3/23	0 days	0 days	666SS+14 days
669	CON-3.7-54500	Backfilling to Formation Cement Solidification Location	0 days	0 days	100%	Sun 26/3/23	Sun 26/3/23	Sun 26/3/23	Sun 26/3/23	0 days	0 days	667SS+14 days
670	CON-3.7-60000	Site Formation	910 days	137.6 days	87%	Wed 14/9/22	Tue 11/3/25	Wed 14/9/22	Sat 16/5/26	431 days	431 days	
671	CON-3.7-60100	Earthwork	436 days	43.92 days	94%	Mon 1/1/24	Tue 11/3/25	Mon 1/1/24	Tue 11/3/25	0 days	0 days	
672	CON-3.7-60110	Excavation to Access Road / +30mPD and Stockpile to Site 3-6	30 days	0 days	100%	Mon 1/1/24	Tue 30/1/24	Mon 1/1/24	Tue 30/1/24	0 days	0 days	429,688
673	CON-3.7-60120	Cut Slope to to Access Road / +30mPD and Stockpile to Site 3-6 (location no Asbestos containing material)	100 days	0 days	100%	Tue 16/1/24	Wed 24/4/24	Tue 16/1/24	Wed 24/4/24	0 days	0 days	672FS-15 days
674	CON-3.7-60121	Asbestos Report Submission and Environmental Department Approval	90 days	0 days	100%	Fri 1/3/24	Wed 29/5/24	Fri 1/3/24	Wed 29/5/24	0 days	0 days	
675	CON-3.7-60122	Removal of Asbestos Containing Material at Slope	14 days	0 days	100%	Fri 28/6/24	Thu 11/7/24	Fri 28/6/24	Thu 11/7/24	0 days	0 days	674,673
676	CON-3.7-60123	Temination of power by CLP	1 day	0 days	100%	Sun 22/9/24	Sun 22/9/24	Sun 22/9/24	Sun 22/9/24	0 days	0 days	
677	CON-3.7-60124	Cut Slope to Access Road / +30mPD and Stockpile to Site 3-6 after Asbestos containing Material Removed	10 days	0 days	100%	Mon 23/9/24	Wed 2/10/24	Mon 23/9/24	Wed 2/10/24	0 days	0 days	676,675
678	CON-3.7-60130	Excavation to Formation +25.0mPD	80 days	0 days	100%	Tue 3/9/24	Thu 21/11/24	Tue 3/9/24	Thu 21/11/24	0 days	0 days	647,620,642,644
679	CON-3.7-60140	Cut Slope to Formation +25.0mPD	50 days	0 days	100%	Fri 22/11/24	Fri 10/1/25	Fri 22/11/24	Fri 10/1/25	0 days	0 days	678
680	CON-3.7-60150	Backfilling & Compaction to Formation +25.0mPD	190 days	19 days	90%	Tue 3/9/24	Tue 11/3/25	Tue 3/9/24	Tue 11/3/25	0 days	0 days	647,616,620,621
681	CON-3.7-60160	Formation of Rock Fill Slope at Site 3-7 adjacent to Road L51 (PMI 247)	14 days	14 days	0%	Fri 21/2/25	Thu 6/3/25	Fri 21/2/25	Thu 6/3/25	0 days	0 days	1310
682	CON-3.7-60170	Chain Link Fence and Construction of Access Gate (PMI 169, PMI 250)	39 days	29.25 days	25%	Sat 1/2/25	Tue 11/3/25	Sat 1/2/25	Tue 11/3/25	0 days	0 days	
683	CON-3.7-60200	Surface Drainage	910 days	193.9 days	70%	Wed 14/9/22	Tue 11/3/25	Wed 14/9/22	Sat 16/5/26	431 days	431 days	
684	CON-3.7-60210	At Cut Slope Crest (KPLR)	473 days	0 days	100%	Wed 14/9/22	Sat 30/12/23	Wed 14/9/22	Sat 30/12/23	0 days	0 days	
685	CON-3.7-60211	Excavation to Formation	50 days	0 days	100%	Wed 14/9/22	Wed 2/11/22	Wed 14/9/22	Wed 2/11/22	0 days	0 days	646
686	CON-3.7-60212	UU slewing at U-channel location	80 days	0 days	100%	Thu 3/11/22	Sat 21/1/23	Thu 3/11/22	Sat 21/1/23	0 days	0 days	685
687	CON-3.7-60213	Catchpit	40 days	0 days	100%	Tue 7/11/23	Sat 16/12/23	Tue 7/11/23	Sat 16/12/23	0 days	0 days	686
688	CON-3.7-60214	U-channel	40 days	0 days	100%	Tue 21/11/23	Sat 30/12/23	Tue 21/11/23	Sat 30/12/23	0 days	0 days	687
689	CON-3.7-60220	At Access Road / +30mPD Berm Slab	40 days	0 days	100%	Thu 3/10/24	Mon 11/11/24	Thu 3/10/24	Mon 11/11/24	0 days	0 days	
690	CON-3.7-60221	Excavation to Formation	10 days	0 days	100%	Thu 3/10/24	Sat 12/10/24	Thu 3/10/24	Sat 12/10/24	0 days	0 days	677,688
691	CON-3.7-60222	Catchpit	10 days	0 days	100%	Sun 13/10/24	Tue 22/10/24	Sun 13/10/24	Tue 22/10/24	0 days	0 days	690SS+10 days
692	CON-3.7-60223	U-Channel	20 days	0 days	100%	Wed 23/10/24	Mon 11/11/24	Wed 23/10/24	Mon 11/11/24	0 days	0 days	691
693	CON-3.7-60230	At Formation Level of +25.0mPD Platform	78 days	42.11 days	46%	Tue 24/12/24	Tue 11/3/25	Tue 24/12/24	Sat 16/5/26	431 days	431 days	
694	CON-3.7-60231	Excavation to Formation	50 days	25 days	50%	Tue 24/12/24	Tue 11/2/25	Tue 24/12/24	Sat 16/5/26	0 days	459 days	678,679FS-18 days
695	CON-3.7-60232	Catchpit	50 days	25 days	50%	Tue 7/1/25	Tue 25/2/25	Tue 7/1/25	Sat 16/5/26	0 days	445 days	694SS+14 days
696	CON-3.7-60233	U-channel	50 days	25 days	50%	Tue 21/1/25	Tue 11/3/25	Tue 21/1/25	Tue 11/3/25	0 days	0 days	695SS+14 days,681FF+5 d
697	CON-3.7-60234	Stepped Channel	13 days	13 days	0%	Thu 20/2/25	Tue 4/3/25	Thu 20/2/25	Tue 4/3/25	0 days	0 days	696SS+30 days
698	CON-3.7-60300	Concrete Access	120 days	34.29 days	71%	Tue 12/11/24	Tue 11/3/25	Tue 12/11/24	Tue 11/3/25	0 days	0 days	
699	CON-3.7-60310	Maintenance Access	30 days	0 days	100%	Tue 12/11/24	Wed 11/12/24	Tue 12/11/24	Wed 11/12/24	0 days	0 days	692
700	CON-3.7-60320	Stairway above Formation Level	12 days	12 days	0%	Fri 28/2/25	Tue 11/3/25	Fri 28/2/25	Tue 11/3/25	0 days	0 days	699,697FS-5 days
701	CON-3.7-70000	Planned Completion of Section 1A2	0 days	0 days	0%	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	0 days	0 days	697,696,700,791,792,793,6
702		Section 1A3	1170 days	128.6 days	95%	Tue 28/12/21	Tue 11/3/25	Tue 28/12/21	Tue 11/3/25	0 days	0 days	
703		Site 3-8 Additional Works affected by CIF Area	725 days	0 days	100%	Wed 30/11/22	Sat 23/11/24	Wed 30/11/22	Sat 23/11/24	0 days	0 days	
704	CON-3.8-CIF101	Mobilization of Plant and Labour Required (PMI 073)	14 days	0 days	100%	Mon 10/6/24	Sun 23/6/24	Mon 10/6/24	Sun 23/6/24	0 days	0 days	51
705	CON-3.8-CIF102	Removal of MIC Modules (PMI 073)	40 days	0 days	100%	Mon 24/6/24	Fri 2/8/24	Mon 24/6/24	Fri 2/8/24	0 days	0 days	704
706	CON-3.8-CIF110	Removal of Hoarding for CIF (PMI 073)	6 days	0 days	100%	Sat 3/8/24	Thu 8/8/24	Sat 3/8/24	Thu 8/8/24	0 days	0 days	705
707	CON-3.8-CIF120	Removal of Temporary Access Road to HSK CIF	30 days	0 days	100%	Fri 3/3/23	Sun 2/4/23	Fri 3/3/23	Sun 2/4/23	0 days	0 days	765SF
708	CON-3.8-CIF130	Construct 150mm concrete surround and 3 numbers of bend block for about 90m long Fresh Watermain	8 days	0 days	100%	Wed 30/11/22	Wed 7/12/22	Wed 30/11/22	Wed 7/12/22	0 days	0 days	778FS-15 days
709	CON-3.8-CIF140	Stockpile in Site 3-8	90 days	0 days	100%	Tue 14/2/23	Sun 14/5/23	Tue 14/2/23	Sun 14/5/23	0 days	0 days	779FS-15 days
710	CON-3.8-CIF150	Transport of Stockpile from Site 3-8 to Site 3-7 for backfilling	102 days	0 days	100%	Wed 14/8/24	Sat 23/11/24	Wed 14/8/24	Sat 23/11/24	0 days	0 days	647,709,621,706
711	CON-3.8-CIF160	Removal of Sewer and Watermain for CIF (PMI 073)	30 days	0 days	100%	Sat 3/8/24	Sun 1/9/24	Sat 3/8/24	Sun 1/9/24	0 days	0 days	705

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors
712		Site 3-8 (Portion A3,B4,B5,B6,B7)	1170 days	150.75 days	95%	Tue 28/12/21	Tue 11/3/25	Tue 28/12/21	Tue 11/3/25	0 days	0 days	
713	CON-3.8-10000	Site Clearance	952 days	0 days	100%	Tue 28/12/21	Mon 5/8/24	Tue 28/12/21	Mon 5/8/24	0 days	0 days	
714	CON-3.8-10100	Site Clearance for Portion A3	5 days	0 days	100%	Tue 28/12/21	Sat 1/1/22	Tue 28/12/21	Sat 1/1/22	0 days	0 days	32
715	CON-3.8-10200	Site Clearance for Portion B6,B7	5 days	0 days	100%	Tue 28/12/21	Sat 1/1/22	Tue 28/12/21	Sat 1/1/22	0 days	0 days	32
716	CON-3.8-10300	Site Clearance for Portion B4, B5 (CIF) after Decommission of CIF	3 days	0 days	100%	Sat 3/8/24	Mon 5/8/24	Sat 3/8/24	Mon 5/8/24	0 days	0 days	705
717	CON-3.8-20000	Establishment	952 days	0 days	100%	Sun 2/1/22	Sat 10/8/24	Sun 2/1/22	Sat 10/8/24	0 days	0 days	
718	CON-3.8-20100	Condition Survey for Existing Structures to be Demolished for Portion A3	10 days	0 days	100%	Sun 2/1/22	Tue 11/1/22	Sun 2/1/22	Tue 11/1/22	0 days	0 days	714,715
719	CON-3.8-20200	Condition Survey for Existing Structures to be Demolished for Portion B4,B5,B6,B7	10 days	0 days	100%	Wed 12/1/22	Fri 21/1/22	Wed 12/1/22	Fri 21/1/22	0 days	0 days	715,718
720	CON-3.8-20300	Tree Survey for Portion A3	14 days	0 days	100%	Sun 2/1/22	Sat 15/1/22	Sun 2/1/22	Sat 15/1/22	0 days	0 days	714
721	CON-3.8-20400	Tree Survey for Portion B4,B5,B6,B7	14 days	0 days	100%	Sun 2/1/22	Sat 15/1/22	Sun 2/1/22	Sat 15/1/22	0 days	0 days	715
722	CON-3.8-20500	Initial Survey for Portion A3	14 days	0 days	100%	Sun 2/1/22	Sat 15/1/22	Sun 2/1/22	Sat 15/1/22	0 days	0 days	714
723	CON-3.8-20600	Initial Survey for Portion B4,B5,B6,B7	14 days	0 days	100%	Sun 2/1/22	Sat 15/1/22	Sun 2/1/22	Sat 15/1/22	0 days	0 days	715
724	CON-3.8-20700	Site Haul Road for Portion A3	7 days	0 days	100%	Sun 2/1/22	Sat 8/1/22	Sun 2/1/22	Sat 8/1/22	0 days	0 days	714
725	CON-3.8-20800	Site Haul Road for Portion B6,B7	7 days	0 days	100%	Sun 2/1/22	Sat 8/1/22	Sun 2/1/22	Sat 8/1/22	0 days	0 days	715
726	CON-3.8-20810	Site Haul Road for Portion B4,B5 - (Site 3-8 CIF)	2 days	0 days	100%	Fri 9/8/24	Sat 10/8/24	Fri 9/8/24	Sat 10/8/24	0 days	0 days	716,706
727	CON-3.8-20900	Health & Hygiene Facilities	7 days	0 days	100%	Sun 2/1/22	Sat 8/1/22	Sun 2/1/22	Sat 8/1/22	0 days	0 days	714
728	CON-3.8-21000	Fence Work & Gate for Portion A3	14 days	0 days	100%	Sun 2/1/22	Sat 15/1/22	Sun 2/1/22	Sat 15/1/22	0 days	0 days	714
729	CON-3.8-21100	Fence Work for Portion B6,B7	7 days	0 days	100%	Sun 2/1/22	Sat 8/1/22	Sun 2/1/22	Sat 8/1/22	0 days	0 days	715
730	CON-3.8-21200	Underground Utilities Detection for Portion A3	7 days	0 days	100%	Sun 2/1/22	Sat 8/1/22	Sun 2/1/22	Sat 8/1/22	0 days	0 days	714
731	CON-3.8-21300	Underground Utilities Detection for Portion B6,B7	7 days	0 days	100%	Sun 2/1/22	Sat 8/1/22	Sun 2/1/22	Sat 8/1/22	0 days	0 days	715
732	CON-3.8-21310	Underground Utilities Detection for Portion B4,B5 - (Site 3-8 CIF)	2 days	0 days	100%	Fri 9/8/24	Sat 10/8/24	Fri 9/8/24	Sat 10/8/24	0 days	0 days	716,706
733	CON-3.8-21400	Install Monitoring Points	14 days	0 days	100%	Sun 9/1/22	Sat 22/1/22	Sun 9/1/22	Sat 22/1/22	0 days	0 days	729
734	CON-3.8-30000	Tree Treatment	944 days	0 days	100%	Sun 16/1/22	Fri 16/8/24	Sun 16/1/22	Fri 16/8/24	0 days	0 days	
735	CON-3.8-30100	Tree Felling for Portion A3	14 days	0 days	100%	Sun 16/1/22	Sat 29/1/22	Sun 16/1/22	Sat 29/1/22	0 days	0 days	720,722,724,727,728,730
736	CON-3.8-30200	Tree Felling for Portion B6,B7	14 days	0 days	100%	Sun 16/1/22	Sat 29/1/22	Sun 16/1/22	Sat 29/1/22	0 days	0 days	721,723,725,729,731
737	CON-3.8-30210	Tree Felling for Portion B4,B5 - (Site 3-8 CIF)	4 days	0 days	100%	Tue 13/8/24	Fri 16/8/24	Tue 13/8/24	Fri 16/8/24	0 days	0 days	743
738	CON-3.8-30300	Tree Protection for Portion A3	14 days	0 days	100%	Sun 16/1/22	Sat 29/1/22	Sun 16/1/22	Sat 29/1/22	0 days	0 days	720,722,724,727,728,730
739	CON-3.8-30400	Tree Protection for Portion B6,B7	14 days	0 days	100%	Sun 16/1/22	Sat 29/1/22	Sun 16/1/22	Sat 29/1/22	0 days	0 days	721,723,725,729,731
740	CON-3.8-30410	Tree Protection for Portion B4,B5 - (Site 3-8 CIF)	4 days	0 days	100%	Tue 13/8/24	Fri 16/8/24	Tue 13/8/24	Fri 16/8/24	0 days	0 days	743
741	CON-3.8-40000	Demolition work	934 days	0 days	100%	Sat 22/1/22	Mon 12/8/24	Sat 22/1/22	Mon 12/8/24	0 days	0 days	
742	CON-3.8-40100	Demolition of Existing Structures	40 days	0 days	100%	Sat 22/1/22	Wed 2/3/22	Sat 22/1/22	Wed 2/3/22	0 days	0 days	719
743	CON-3.8-40120	Demolition of Existing Steel Structures - (Site 3-8 CIF)	10 days	0 days	100%	Sat 3/8/24	Mon 12/8/24	Sat 3/8/24	Mon 12/8/24	0 days	0 days	705
744	CON-3.8-50000	Decontamination (Include adjacent Road D1 and Road L51,remediation of contaminated soil carried out at Detention Pond)	963 days	0 days	100%	Thu 3/3/22	Sun 20/10/24	Thu 3/3/22	Sun 20/10/24	0 days	0 days	
745	CON-3.8-51000	CAP	115 days	0 days	100%	Thu 3/3/22	Sat 25/6/22	Thu 3/3/22	Sat 25/6/22	0 days	0 days	
746	CON-3.8-51100	Site Appraisal for Portion A3	60 days	0 days	100%	Thu 3/3/22	Sun 1/5/22	Thu 3/3/22	Sun 1/5/22	0 days	0 days	742
747	CON-3.8-51200	Site Appraisal for Portion B4,B5,B6,B7 & Preparation of CAP for all Portions	25 days	0 days	100%	Mon 2/5/22	Thu 26/5/22	Mon 2/5/22	Thu 26/5/22	0 days	0 days	715,746,291FF
748	CON-3.8-51300	Submission & Endorsement by EPD	30 days	0 days	100%	Fri 27/5/22	Sat 25/6/22	Fri 27/5/22	Sat 25/6/22	0 days	0 days	747
749	CON-3.8-52000	Ground Investigation (Trial Pit / Borehole)	45 days	0 days	100%	Sun 26/6/22	Tue 9/8/22	Sun 26/6/22	Tue 9/8/22	0 days	0 days	718,719
750	CON-3.8-52100	Trial Pit Sampling & Testing	45 days	0 days	100%	Sun 26/6/22	Tue 9/8/22	Sun 26/6/22	Tue 9/8/22	0 days	0 days	733,736,739,742FS-30 days
751	CON-3.8-52200	Inspection Pit for installing Groundwater Wells	45 days	0 days	100%	Sun 26/6/22	Tue 9/8/22	Sun 26/6/22	Tue 9/8/22	0 days	0 days	748,733,736,739,742FS-30
752	CON-3.8-53000	CAR & RAP Submission	43 days	0 days	100%	Wed 10/8/22	Wed 21/9/22	Wed 10/8/22	Wed 21/9/22	0 days	0 days	
753	CON-3.8-53100	Preparation of CAR & RAP	15 days	0 days	100%	Wed 10/8/22	Wed 24/8/22	Wed 10/8/22	Wed 24/8/22	0 days	0 days	750,751
754	CON-3.8-53200	Review & Accepted by EPD	28 days	0 days	100%	Thu 25/8/22	Wed 21/9/22	Thu 25/8/22	Wed 21/9/22	0 days	0 days	753
755	CON-3.8-54000	Decontamination Works	596 days	0 days	100%	Sun 5/3/23	Sun 20/10/24	Sun 5/3/23	Sun 20/10/24	0 days	0 days	

Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A M J J A S O N D	Half 2, 2021 J A S O N D	Half 1, 2022 J F M A M J J A S O N D	Half 2, 2022 J A S O N D	Half 1, 2023 J F M A M J J A S O N D	Half 2, 2023 J A S O N D	Half 1, 2024 J F M A M J J A S O N D	Half 2, 2024 J A S O N D	Half 1, 2025 J F M A M J J A S O N D	Half 2, 2025 J A S O N D	Half 1, 2026 J F M A M J J A S O N D	Half 2, 2026 J A S O N D
756	CON-3.8-54100	Treatability Test	172 days	0 days	100%	Mon 6/3/23	Thu 24/8/23	Mon 6/3/23	Thu 24/8/23	0 days	0 days												
757	CON-3.8-54110	Treatability Test for Heavy Metal	24 days	0 days	100%	Mon 6/3/23	Wed 29/3/23	Mon 6/3/23	Wed 29/3/23	0 days	0 days	754FS+165 days											
758	CON-3.8-54120	Treatability Test for Heavy Metal (CIF)	24 days	0 days	100%	Tue 1/8/23	Thu 24/8/23	Tue 1/8/23	Thu 24/8/23	0 days	0 days	754											
759	CON-3.8-54200	Confirmation Test Sampling and Testing	215 days	0 days	100%	Sun 5/3/23	Thu 5/10/23	Sun 5/3/23	Thu 5/10/23	0 days	0 days												
760	CON-3.8-54210	Trial Pit	14 days	0 days	100%	Sun 5/3/23	Sat 18/3/23	Sun 5/3/23	Sat 18/3/23	0 days	0 days	754FS+164 days											
761	CON-3.8-54220	Sampling and Testing	14 days	0 days	100%	Sun 19/3/23	Sat 1/4/23	Sun 19/3/23	Sat 1/4/23	0 days	0 days	760											
762	CON-3.8-54230	Trial Pit (CIF)	14 days	0 days	100%	Fri 25/8/23	Thu 7/9/23	Fri 25/8/23	Thu 7/9/23	0 days	0 days	758											
763	CON-3.8-54240	Sampling and Testing (CIF)	28 days	0 days	100%	Fri 8/9/23	Thu 5/10/23	Fri 8/9/23	Thu 5/10/23	0 days	0 days	762											
764	CON-3.8-54300	Excavation of Contaminated Soil	553 days	0 days	100%	Sun 2/4/23	Sat 5/10/24	Sun 2/4/23	Sat 5/10/24	0 days	0 days												
765	CON-3.8-54310	To Biopile (Site 3-8)	65 days	0 days	100%	Sun 2/4/23	Mon 5/6/23	Sun 2/4/23	Mon 5/6/23	0 days	0 days	757,761											
766	CON-3.8-54320	To Stockpile for Cement Solidification (Site 3-8 )	65 days	0 days	100%	Sun 2/4/23	Mon 5/6/23	Sun 2/4/23	Mon 5/6/23	0 days	0 days	757,761											
767	CON-3.8-54330	To Biopile (Site 3-8 CIF)	15 days	0 days	100%	Sat 21/9/24	Sat 5/10/24	Sat 21/9/24	Sat 5/10/24	0 days	0 days	1157,743FS+39 days											
768	CON-3.8-54340	To Stockpile for Cement Solidification (Site 3-8 CIF)	15 days	0 days	100%	Fri 27/10/23	Fri 10/11/23	Fri 27/10/23	Fri 10/11/23	0 days	0 days	1171,758,763											
769	CON-3.8-54400	Backfill to Formation for Biopile Location (Site 3-8)	65 days	0 days	100%	Sun 16/4/23	Mon 19/6/23	Sun 16/4/23	Mon 19/6/23	0 days	0 days	765SS+14 days											
770	CON-3.8-54500	Backfill to Formation for Cement Solidification Location (Site 3-8)	65 days	0 days	100%	Sun 16/4/23	Mon 19/6/23	Sun 16/4/23	Mon 19/6/23	0 days	0 days	766SS+14 days											
771	CON-3.8-54600	Backfill to Formation for Biopile Location (Site 3-8 CIF)	15 days	0 days	100%	Sun 6/10/24	Sun 20/10/24	Sun 6/10/24	Sun 20/10/24	0 days	0 days	767											
772	CON-3.8-54700	Backfill to Formation for Cement Solidification Location (Site 3-8 CIF)	15 days	0 days	100%	Sat 28/10/23	Sat 11/11/23	Sat 28/10/23	Sat 11/11/23	0 days	0 days	768FS-14 days											
773	CON-3.8-60000	Site Formation	893 days	238.87 days	92%	Sat 1/10/22	Tue 11/3/25	Sat 1/10/22	Tue 11/3/25	0 days	0 days												
774	CON-3.8-60100	Earthwork	881 days	117.88 days	97%	Sat 1/10/22	Thu 27/2/25	Sat 1/10/22	Thu 27/2/25	0 days	0 days												
775	CON-3.8-60110	Excavation to Maintenance Access +30.0mPD	30 days	0 days	100%	Sat 1/10/22	Sun 30/10/22	Sat 1/10/22	Sun 30/10/22	0 days	0 days	429,754FS+9 days											
776	CON-3.8-60120	Excavation to Formation +26.0mPD	45 days	0 days	100%	Mon 31/10/22	Wed 14/12/22	Mon 31/10/22	Wed 14/12/22	0 days	0 days	775											
777	CON-3.8-60130	Cut Slope to Maintenance Access +30.0mPD	30 days	0 days	100%	Sat 1/10/22	Sun 30/10/22	Sat 1/10/22	Sun 30/10/22	0 days	0 days	775SS											
778	CON-3.8-60140	Cut Slope to Formation +26.0mPD	45 days	0 days	100%	Mon 31/10/22	Wed 14/12/22	Mon 31/10/22	Wed 14/12/22	0 days	0 days	777,776SS											
779	CON-3.8-60150	Backfilling & Compaction to Formation	83 days	0 days	100%	Thu 8/12/22	Tue 28/2/23	Thu 8/12/22	Tue 28/2/23	0 days	0 days	708											
780	CON-3.8-60160	Excavation to Maintenance Access +30.0mPD (Site 3-8 CIF)	30 days	0 days	100%	Mon 21/10/24	Tue 19/11/24	Mon 21/10/24	Tue 19/11/24	0 days	0 days	429,743,771,710SS+7 days,711,726,732,737,740											
781	CON-3.8-60170	Excavation to Formation +26.0mPD (Site 3-8 CIF)	100 days	10 days	90%	Wed 20/11/24	Thu 27/2/25	Wed 20/11/24	Thu 27/2/25	0 days	0 days	780,769,770											
782	CON-3.8-60180	Cut Slope to Maintenance Access +30.0mPD (Site 3-8 CIF) (Revised Slope Details (PMI 233)	60 days	0 days	100%	Thu 31/10/24	Sun 29/12/24	Thu 31/10/24	Sun 29/12/24	0 days	0 days	780SS+10 days											
783	CON-3.8-60181	Revised Part of Cut Slope to 35 Degree at Site 3-8 (PMI 249)	5 days	5 days	0%	Fri 21/2/25	Tue 25/2/25	Fri 21/2/25	Tue 25/2/25	0 days	0 days	785											
784	CON-3.8-60182	Trench Excavation Work for HKT's Cable Stewing Works at Site 3-8 near Kai Pak Ling Road (PMI 226)	6 days	6 days	0%	Fri 21/2/25	Wed 26/2/25	Fri 21/2/25	Wed 26/2/25	0 days	0 days	1310											
785	CON-3.8-60190	Cut Slope to Formation +26.0mPD (Site 3-8 CIF)	15 days	7.5 days	50%	Thu 6/2/25	Thu 20/2/25	Thu 6/2/25	Thu 20/2/25	0 days	0 days	820SS+10 days											
786	CON-3.8-60191	Excavation and Cut Slope to Maintenance Access +30.0mPD (Site 3-8 Current Kai Pak Ling Road)	8 days	0 days	100%	Fri 24/1/25	Fri 31/1/25	Fri 24/1/25	Fri 31/1/25	0 days	0 days	1279FS+90 days											
787	CON-3.8-60192	Excavation and Cut Slope to Maintenance Access +30.0mPD (Site 3-8 Current Access to CIF)	6 days	6 days	0%	Fri 21/2/25	Wed 26/2/25	Fri 21/2/25	Wed 26/2/25	0 days	0 days	1310,1312,1241											
788	CON-3.8-60193	Chain Link Fence and Construction of Access Gate (PMI 167, 170, PMI 250)	40 days	32.8 days	18%	Fri 17/1/25	Tue 25/2/25	Fri 17/1/25	Tue 25/2/25	0 days	0 days												
789	CON-3.8-60200	Surface Drainage	711 days	290.5 days	76%	Sat 1/4/23	Tue 11/3/25	Sat 1/4/23	Tue 11/3/25	0 days	0 days												
790	CON-3.8-60210	At Cut Slope Crest	711 days	193.76 days	100%	Sat 1/4/23	Tue 11/3/25	Sat 1/4/23	Tue 11/3/25	0 days	0 days												
791	CON-3.8-60211	Excavation to Formation	25 days	0 days	100%	Sat 1/4/23	Tue 25/4/23	Sat 1/4/23	Tue 25/4/23	0 days	0 days	779FS+31 days											
792	CON-3.8-60212	Catchpit	25 days	0 days	100%	Sat 8/4/23	Tue 2/5/23	Sat 8/4/23	Tue 2/5/23	0 days	0 days	791SS+7 days											
793	CON-3.8-60213	U-channel	25 days	0 days	100%	Sat 22/4/23	Tue 16/5/23	Sat 22/4/23	Tue 16/5/23	0 days	0 days	792SS+14 days											
794	CON-3.8-60214	675mm drain pipe (PMI 050)	40 days	0 days	100%	Sat 28/9/24	Wed 6/11/24	Sat 28/9/24	Wed 6/11/24	0 days	0 days												
795	CON-3.8-60215	675 U- channel (PMI 055)	18 days	12.6 days	30%	Mon 10/2/25	Thu 27/2/25	Mon 10/2/25	Thu 27/2/25	0 days	0 days	794FS+95 days											
796	CON-3.8-60216	Excavation to Formation (Site 3-8 CIF)	5 days	5 days	0%	Fri 21/2/25	Tue 25/2/25	Fri 21/2/25	Tue 25/2/25	0 days	0 days	780,782,1310											
797	CON-3.8-60217	Catchpit (Site 3-8 CIF)	8 days	8 days	0%	Mon 24/2/25	Mon 3/3/25	Mon 24/2/25	Mon 3/3/25	0 days	0 days	796SS+3 days											
798	CON-3.8-60218	U-channel (Site 3-8 CIF)	13 days	13 days	0%	Thu 27/2/25	Tue 11/3/25	Thu 27/2/25	Tue 11/3/25	0 days	0 days	797SS+3 days,784											

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D	
799	CON-3.8-60219	Excavation to Formation and U-Channel (Site 3-8 Current Kai Pak Ling Road)	8 days	4 days	50%	Sat 1/2/25	Sat 8/2/25	Sat 1/2/25	Fri 14/2/25	0 days	5.5 days	786													
800	CON-3.8-60220	Excavation to Formation and U-Channel (Site 3-8 Current Access to CIF)	4 days	4 days	0%	Thu 27/2/25	Sun 2/3/25	Thu 27/2/25	Sun 2/3/25	0 days	0 days	787													
801	CON-3.8-60230	At Maintenance Access +30mPD	67 days	7.49 days	0%	Mon 30/12/24	Thu 6/3/25	Mon 30/12/24	Thu 6/3/25	0 days	0 days														
802	CON-3.8-60231	Excavation to Formation (Site 3-8 CIF)	20 days	0 days	100%	Mon 30/12/24	Sat 18/1/25	Mon 30/12/24	Sat 18/1/25	0 days	0 days	780,782													
803	CON-3.8-60232	Catchpit (Site 3-8 CIF)	20 days	0 days	100%	Mon 6/1/25	Sat 25/1/25	Mon 6/1/25	Sat 25/1/25	0 days	0 days	802SS+7 days													
804	CON-3.8-60233	U-channel (Site 3-8 CIF)	30 days	0 days	100%	Mon 13/1/25	Tue 11/2/25	Mon 13/1/25	Tue 11/2/25	0 days	0 days	803SS+7 days													
805	CON-3.8-60235	Excavation to Formation and U-Channel (Site 3-8 Current Kai Pak Ling Road)	11 days	5.5 days	50%	Sun 9/2/25	Wed 19/2/25	Sun 9/2/25	Wed 19/2/25	0 days	0 days	799													
806	CON-3.8-60236	Excavation to Formation and U-Channel (Site 3-8 Current Access to CIF)	4 days	4 days	0%	Mon 3/3/25	Thu 6/3/25	Mon 3/3/25	Thu 6/3/25	0 days	0 days	800													
807	CON-3.8-60240	At Formation Level +26.0mPD	29 days	29 days	0%	Tue 11/2/25	Tue 11/3/25	Tue 11/2/25	Tue 11/3/25	0 days	0 days														
808	CON-3.8-60241	Excavation to Formation	4 days	4 days	0%	Tue 11/2/25	Fri 14/2/25	Tue 11/2/25	Fri 14/2/25	0 days	0 days	710SS+100 days,795FS-17													
809	CON-3.8-60242	Catchpit	4 days	4 days	0%	Thu 13/2/25	Sun 16/2/25	Thu 13/2/25	Sun 16/2/25	0 days	0 days	808SS+2 days													
810	CON-3.8-60243	U-channel	9 days	9 days	0%	Sun 16/2/25	Mon 24/2/25	Sun 16/2/25	Mon 24/2/25	0 days	0 days	809SS+3 days													
811	CON-3.8-60244	Stepped Channel	8 days	8 days	0%	Tue 25/2/25	Tue 4/3/25	Tue 25/2/25	Tue 4/3/25	0 days	0 days	810													
812	CON-3.8-60245	Excavation to Formation (Site 3-8 CiF)	10 days	10 days	0%	Sun 16/2/25	Tue 25/2/25	Sun 16/2/25	Tue 25/2/25	0 days	0 days	781FS-12 days,785FS-5 da													
813	CON-3.8-60246	Catchpit (Site 3-8 CIF)	10 days	10 days	0%	Fri 21/2/25	Sun 2/3/25	Fri 21/2/25	Sun 2/3/25	0 days	0 days	812SS+5 days													
814	CON-3.8-60247	U-channel (Site 3-8)	14 days	14 days	0%	Wed 26/2/25	Tue 11/3/25	Wed 26/2/25	Tue 11/3/25	0 days	0 days	813SS+5 days,783,788													
815	CON-3.8-60248	Stepped Channel (Site 3-8)	8 days	8 days	0%	Fri 28/2/25	Fri 7/3/25	Fri 28/2/25	Fri 7/3/25	0 days	0 days	813SS+7 days													
816	CON-3.8-60249	Excavation to Formation and U-Channel (Site 3-8 Current Kai Pak Ling Road)	10 days	10 days	0%	Thu 20/2/25	Sat 1/3/25	Thu 20/2/25	Sat 1/3/25	0 days	0 days	805													
817	CON-3.8-60250	Excavation to Formation and U-Channel (Site 3-8 Current Access to CIF)	5 days	5 days	0%	Fri 7/3/25	Tue 11/3/25	Fri 7/3/25	Tue 11/3/25	0 days	0 days	806													
818	CON-3.8-60300	Concrete Access	44 days	27.7 days	0%	Mon 27/1/25	Tue 11/3/25	Mon 27/1/25	Tue 11/3/25	0 days	0 days														
819	CON-3.8-60330	Stairway above Formation Level	7 days	7 days	0%	Wed 5/3/25	Tue 11/3/25	Wed 5/3/25	Tue 11/3/25	0 days	0 days	811,810													
820	CON-3.8-60340	Maintenance Access (Site 3-8 CIF)	25 days	5 days	80%	Mon 27/1/25	Thu 20/2/25	Mon 27/1/25	Thu 20/2/25	0 days	0 days	804SS+14 days													
821	CON-3.8-60360	Stairway above Formation Level (Site 3-8 CIF)	7 days	7 days	0%	Wed 5/3/25	Tue 11/3/25	Wed 5/3/25	Tue 11/3/25	0 days	0 days	815FS-3 days,820													
822	CON-3.8-60370	Maintenance Access (Site 3-8 Current Kai Pak Ling Road)	10 days	10 days	0%	Sun 2/3/25	Tue 11/3/25	Sun 2/3/25	Tue 11/3/25	0 days	0 days	816													
823	CON-3.8-60380	Maintenance Access (Site 3-8 Current Access to CIF)	5 days	5 days	0%	Fri 7/3/25	Tue 11/3/25	Fri 7/3/25	Tue 11/3/25	0 days	0 days	806													
824	CON-3.8-70000	Planned Completion of Section 1A3	0 days	0 days	0%	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	Tue 11/3/25	0 days	0 days	819,821,804,814,815,822,8													
825		Section 1A4	1030 days	6.23 days	100%	Fri 28/1/22	Fri 22/11/24	Fri 28/1/22	Fri 22/11/24	0 days	0 days														
826		Site 2-18 (Portion B11)	1030 days	6.23 days	100%	Fri 28/1/22	Fri 22/11/24	Fri 28/1/22	Fri 22/11/24	0 days	0 days														
827	CON-2.18-10000	Site Clearance	5 days	0 days	100%	Fri 28/1/22	Tue 1/2/22	Fri 28/1/22	Tue 1/2/22	0 days	0 days	45													
828	CON-2.18-20000	Establishment	28 days	0 days	100%	Wed 2/2/22	Tue 1/3/22	Wed 2/2/22	Tue 1/3/22	0 days	0 days														
829	CON-2.18-20100	Condition Survey for Existing Structures to be Demolished	28 days	0 days	100%	Wed 2/2/22	Tue 1/3/22	Wed 2/2/22	Tue 1/3/22	0 days	0 days	827													
830	CON-2.18-20200	Tree Survey	28 days	0 days	100%	Wed 2/2/22	Tue 1/3/22	Wed 2/2/22	Tue 1/3/22	0 days	0 days	827													
831	CON-2.18-20300	Initial Survey	28 days	0 days	100%	Wed 2/2/22	Tue 1/3/22	Wed 2/2/22	Tue 1/3/22	0 days	0 days	827													
832	CON-2.18-20400	Site Haul Road	7 days	0 days	100%	Wed 2/2/22	Tue 8/2/22	Wed 2/2/22	Tue 8/2/22	0 days	0 days	827													
833	CON-2.18-20500	Health & Hygiene Facilities	14 days	0 days	100%	Wed 2/2/22	Tue 15/2/22	Wed 2/2/22	Tue 15/2/22	0 days	0 days	827													
834	CON-2.18-20600	Fence Work	14 days	0 days	100%	Wed 2/2/22	Tue 15/2/22	Wed 2/2/22	Tue 15/2/22	0 days	0 days	827													
835	CON-2.18-20700	Underground Utilities Detection	14 days	0 days	100%	Wed 2/2/22	Tue 15/2/22	Wed 2/2/22	Tue 15/2/22	0 days	0 days	827													
836	CON-2.18-20800	Install Monitoring Points	10 days	0 days	100%	Wed 16/2/22	Fri 25/2/22	Wed 16/2/22	Fri 25/2/22	0 days	0 days	834													
837	CON-2.18-30000	Tree Treatment	298 days	0 days	100%	Wed 2/3/22	Sat 24/12/22	Wed 2/3/22	Sat 24/12/22	0 days	0 days														
838	CON-2.18-30100	Tree Felling (part 1)	16 days	0 days	100%	Wed 2/3/22	Thu 17/3/22	Wed 2/3/22	Thu 17/3/22	0 days	0 days	830,831,832,834,835,833													
839	CON-2.18-30200	Tree Protection (part 1)	16 days	0 days	100%	Wed 2/3/22	Thu 17/3/22	Wed 2/3/22	Thu 17/3/22	0 days	0 days	830,831,832,834,835,833													
840	CON-2.18-30300	Tree Felling (part 2)	71 days	0 days	100%	Sat 15/10/22	Sat 24/12/22	Sat 15/10/22	Sat 24/12/22	0 days	0 days	52FS+14 days													
841	CON-2.18-30400	Tree Protection (part 2)	71 days	0 days	100%	Sat 15/10/22	Sat 24/12/22	Sat 15/10/22	Sat 24/12/22	0 days	0 days	52FS+14 days													

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D
842	CON-2.18-40000	Demolition work	85 days	0 days	100%	Sun 25/12/22	Sun 19/3/23	Sun 25/12/22	Sun 19/3/23	0 days	0 days													
843	CON-2.18-40100	Demolition of Existing Structures	85 days	0 days	100%	Sun 25/12/22	Sun 19/3/23	Sun 25/12/22	Sun 19/3/23	0 days	0 days	829,397,400,841,840												
844	CON-2.18-50000	Decontamination (include Road L54, remediation of contaminated soil carried out at Detention Pond)	437 days	0 days	100%	Fri 29/4/22	Sun 9/7/23	Fri 29/4/22	Sun 9/7/23	0 days	0 days													
845	CON-2.18-51000	CAP	55 days	0 days	100%	Fri 29/4/22	Wed 22/6/22	Fri 29/4/22	Wed 22/6/22	0 days	0 days													
846	CON-2.18-51100	Site Appraisal& Preparation of CAP	8 days	0 days	100%	Fri 29/4/22	Fri 6/5/22	Fri 29/4/22	Fri 6/5/22	0 days	0 days													
847	CON-2.18-51200	Submission& Endorsement by EPD	28 days	0 days	100%	Thu 26/5/22	Wed 22/6/22	Thu 26/5/22	Wed 22/6/22	0 days	0 days	846,294FF												
848	CON-2.18-52000	Ground Investigation (Trial Pit / Borehole)	21 days	0 days	100%	Sat 10/12/22	Fri 30/12/22	Sat 10/12/22	Fri 30/12/22	0 days	0 days													
849	CON-2.18-52100	Trial Pit Sampling& Testing	21 days	0 days	100%	Sat 10/12/22	Fri 30/12/22	Sat 10/12/22	Fri 30/12/22	0 days	0 days	836,393,847,841,840												
850	CON-2.18-52200	Inspection Pit for installing Groundwater Wells	21 days	0 days	100%	Sat 10/12/22	Fri 30/12/22	Sat 10/12/22	Fri 30/12/22	0 days	0 days	836,847,841,840												
851	CON-2.18-53000	CAR & RAP Submission	35 days	0 days	100%	Sat 31/12/22	Fri 3/2/23	Sat 31/12/22	Fri 3/2/23	0 days	0 days													
852	CON-2.18-53100	Preparation of CAR& rap	7 days	0 days	100%	Sat 31/12/22	Fri 6/1/23	Sat 31/12/22	Fri 6/1/23	0 days	0 days	850,849												
853	CON-2.18-53200	Review and Accepted by EPD	28 days	0 days	100%	Sat 7/1/23	Fri 3/2/23	Sat 7/1/23	Fri 3/2/23	0 days	0 days	852												
854	CON-2.18-54000	Decontamination Works	131 days	0 days	100%	Wed 1/3/23	Sun 9/7/23	Wed 1/3/23	Sun 9/7/23	0 days	0 days													
855	CON-2.18-54100	Treatability Test for Heavy Metal	24 days	0 days	100%	Wed 1/3/23	Fri 24/3/23	Wed 1/3/23	Fri 24/3/23	0 days	0 days													
856	CON-2.18-54110	Treatability Test for Heavy Metal	24 days	0 days	100%	Wed 1/3/23	Fri 24/3/23	Wed 1/3/23	Fri 24/3/23	0 days	0 days	853												
857	CON-2.18-54200	Confirmation Test Sampling and Testing	28 days	0 days	100%	Sat 25/3/23	Fri 21/4/23	Sat 25/3/23	Fri 21/4/23	0 days	0 days													
858	CON-2.18-54210	Trial Pit	14 days	0 days	100%	Sat 25/3/23	Fri 7/4/23	Sat 25/3/23	Fri 7/4/23	0 days	0 days	856												
859	CON-2.18-54220	Sampling and Testing	14 days	0 days	100%	Sat 8/4/23	Fri 21/4/23	Sat 8/4/23	Fri 21/4/23	0 days	0 days	858												
860	CON-2.18-54300	Excavation of Contaminated Soil	70 days	0 days	100%	Sat 22/4/23	Fri 30/6/23	Sat 22/4/23	Fri 30/6/23	0 days	0 days													
861	CON-2.18-54310	To Biopile	70 days	0 days	100%	Sat 22/4/23	Fri 30/6/23	Sat 22/4/23	Fri 30/6/23	0 days	0 days	859,135,765SS,843												
862	CON-2.18-54320	To Stockpile for Cement Solidification	70 days	0 days	100%	Sat 22/4/23	Fri 30/6/23	Sat 22/4/23	Fri 30/6/23	0 days	0 days	859,135,861SS												
863	CON-2.18-54400	Backfilling to Formation of Biopile Location	65 days	0 days	100%	Sat 6/5/23	Sun 9/7/23	Sat 6/5/23	Sun 9/7/23	0 days	0 days	861SS+14 days												
864	CON-2.18-54500	Backfilling to Formation of Cement Solidification Location	65 days	0 days	100%	Sat 6/5/23	Sun 9/7/23	Sat 6/5/23	Sun 9/7/23	0 days	0 days	862SS+14 days												
865	CON-2.18-60000	Site formation (include Road L53 and L54 adjacent to site 2-18)	509 days	0 days	100%	Sat 6/5/23	Wed 25/9/24	Sat 6/5/23	Wed 25/9/24	0 days	0 days													
866	CON-2.18-60100	Earthwork	496 days	0 days	100%	Sat 6/5/23	Thu 12/9/24	Sat 6/5/23	Thu 12/9/24	0 days	0 days													
867	CON-2.18-60110	Breaking of Loading Bay Concrete Pavement	200 days	0 days	100%	Sat 6/5/23	Tue 21/11/23	Sat 6/5/23	Tue 21/11/23	0 days	0 days	429,843,863SS												
868	CON-2.18-60111	Breaking of Carpark Pavement and Decomposition	200 days	0 days	100%	Sat 6/5/23	Tue 21/11/23	Sat 6/5/23	Tue 21/11/23	0 days	0 days	429,843,863SS												
869	CON-2.18-60120	Backfilling & Compaction to Formation +7.5mPD Portion 1 (South and East Portion of no retaining wall structure)	90 days	0 days	100%	Wed 22/11/23	Mon 19/2/24	Wed 22/11/23	Mon 19/2/24	0 days	0 days	864,868,867,871FF												
870	CON-2.18-60121	Backfilling & Compaction to Formation +7.5mPD Portion 2 (North and East Portion that backfilling after retaining wall structure completed)	90 days	0 days	100%	Sat 1/6/24	Thu 29/8/24	Sat 1/6/24	Thu 29/8/24	0 days	0 days	890												
871	CON-2.18-60130	Treatment of Contaminated Underground Water	45 days	0 days	100%	Mon 25/9/23	Wed 8/11/23	Mon 25/9/23	Wed 8/11/23	0 days	0 days													
872	CON-2.18-60150	Trimming for Fill Slope	21 days	0 days	100%	Fri 23/8/24	Thu 12/9/24	Fri 23/8/24	Thu 12/9/24	0 days	0 days	870,877												
873	CON-2.18-60200	Surface Drainage	261 days	0 days	100%	Wed 6/12/23	Thu 22/8/24	Wed 6/12/23	Thu 22/8/24	0 days	0 days													
874	CON-2.18-60210	At Slope Toe +4.6mPD	261 days	0 days	100%	Wed 6/12/23	Thu 22/8/24	Wed 6/12/23	Thu 22/8/24	0 days	0 days													
875	CON-2.18-60211	Excavation to Formation	200 days	0 days	100%	Wed 6/12/23	Sat 22/6/24	Wed 6/12/23	Sat 22/6/24	0 days	0 days	869SS+14 days												
876	CON-2.18-60212	Catchpit	200 days	0 days	100%	Wed 13/12/23	Sat 29/6/24	Wed 13/12/23	Sat 29/6/24	0 days	0 days	875SS+7 days												
877	CON-2.18-60213	U-channel	240 days	0 days	100%	Wed 27/12/23	Thu 22/8/24	Wed 27/12/23	Thu 22/8/24	0 days	0 days	876SS+14 days												
878	CON-2.18-60220	At Slope Crest +7.5mPD	91 days	0 days	100%	Sat 18/5/24	Fri 16/8/24	Sat 18/5/24	Fri 16/8/24	0 days	0 days													
879	CON-2.18-60221	Excavation to Formation	60 days	0 days	100%	Sat 18/5/24	Tue 16/7/24	Sat 18/5/24	Tue 16/7/24	0 days	0 days	870SS-14 days												
880	CON-2.18-60222	Catchpit	60 days	0 days	100%	Sat 25/5/24	Tue 23/7/24	Sat 25/5/24	Tue 23/7/24	0 days	0 days	879SS+7 days												
881	CON-2.18-60223	U-channel	70 days	0 days	100%	Sat 8/6/24	Fri 16/8/24	Sat 8/6/24	Fri 16/8/24	0 days	0 days	880SS+14 days												
882	CON-2.18-60230	At +7.5mPD Platform	211 days	0 days	100%	Mon 1/1/24	Mon 29/7/24	Mon 1/1/24	Mon 29/7/24	0 days	0 days													
883	CON-2.18-60231	Excavation to Formation	155 days	0 days	100%	Mon 1/1/24	Mon 3/6/24	Mon 1/1/24	Mon 3/6/24	0 days	0 days	869SS+40 days												
884	CON-2.18-60232	Catchpit	155 days	0 days	100%	Mon 15/1/24	Mon 17/6/24	Mon 15/1/24	Mon 17/6/24	0 days	0 days	883SS+14 days												

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors
885	CON-2.18-60233	U-channel	177 days	0 days	100%	Sun 4/2/24	Mon 29/7/24	Sun 4/2/24	Mon 29/7/24	0 days	0 days	884SS+20 days
886	CON-2.18-60300	Drainage Work at +7.5mPD Platform	80 days	0 days	100%	Tue 14/5/24	Thu 1/8/24	Tue 14/5/24	Thu 1/8/24	0 days	0 days	885SS+100 days,869
887	CON-2.18-60400	Sewer Work at +7.5mPD Platform	90 days	0 days	100%	Thu 13/6/24	Tue 10/9/24	Thu 13/6/24	Tue 10/9/24	0 days	0 days	886SS+30 days,346
888	CON-2.18-60500	Waterwork at +7.5mPD Platform	57 days	0 days	100%	Wed 31/7/24	Wed 25/9/24	Wed 31/7/24	Wed 25/9/24	0 days	0 days	870FS-30 days,887SS+40 d
889	CON-2.18-70000	Additional Works	235 days	19.07 days	0%	Tue 2/4/24	Fri 22/11/24	Tue 2/4/24	Fri 22/11/24	0 days	0 days	
890	CON-2.18-70100	Retaining Wall Structures (PMI 084, PMI 088)	60 days	0 days	100%	Tue 2/4/24	Fri 31/5/24	Tue 2/4/24	Fri 31/5/24	0 days	0 days	869
891	CON-2.18-70450	Laying CLP Cable Duct for future Connection PMI 206, PMI 207)	40 days	0 days	100%	Sat 17/8/24	Wed 25/9/24	Sat 17/8/24	Wed 25/9/24	0 days	0 days	888FF
892	CON-2.18-70500	Concrete Pavement for Footpath (PMI 129,223)	50 days	0 days	100%	Mon 16/9/24	Mon 4/11/24	Mon 16/9/24	Mon 4/11/24	0 days	0 days	881,888FS-10 days,891FS-
893	CON-2.18-70550	Concrete Pavement for EVA (PMI 128,223)	58 days	0 days	100%	Thu 26/9/24	Fri 22/11/24	Thu 26/9/24	Fri 22/11/24	0 days	0 days	885,888
894	CON-2.18-70700	Shotcrete for Slope Protection (PMI 118)	18 days	18 days	0%	Tue 5/11/24	Fri 22/11/24	Tue 5/11/24	Fri 22/11/24	0 days	0 days	892
895	CON-2.18-70800	Public Lighting (PMI 112)	18 days	1.8 days	90%	Tue 5/11/24	Fri 22/11/24	Tue 5/11/24	Fri 22/11/24	0 days	0 days	892,249
896	CON-2.18-90000	Planned Completion of Section 1A4	0 days	0 days	0%	Fri 22/11/24	Fri 22/11/24	Fri 22/11/24	Fri 22/11/24	0 days	0 days	877,888,881,885,894,895,8
897		Section 1A5	939 days	6.69 days	100%	Fri 29/4/22	Fri 22/11/24	Fri 29/4/22	Fri 22/11/24	0 days	0 days	
898		Site 2-19 (Portion A5,B10)	939 days	6.69 days	100%	Fri 29/4/22	Fri 22/11/24	Fri 29/4/22	Fri 22/11/24	0 days	0 days	
899	CON-2.19-10000	Site Clearance	8 days	0 days	100%	Sat 15/10/22	Sat 22/10/22	Sat 15/10/22	Sat 22/10/22	0 days	0 days	
900	CON-2.19-10100	Site Clearance for Portion A5	8 days	0 days	100%	Sat 15/10/22	Sat 22/10/22	Sat 15/10/22	Sat 22/10/22	0 days	0 days	44,52FS+14 days
901	CON-2.19-10200	Site Clearance for Portion B10	8 days	0 days	100%	Sat 15/10/22	Sat 22/10/22	Sat 15/10/22	Sat 22/10/22	0 days	0 days	44,52FS+14 days
902	CON-2.19-20000	Establishment	56 days	0 days	100%	Sun 23/10/22	Sat 17/12/22	Sun 23/10/22	Sat 17/12/22	0 days	0 days	
903	CON-2.19-20100	Condition Survey for Existing Structures to be Demolished for Portion A5	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	900
904	CON-2.19-20200	Condition Survey for Existing Structures to be Demolished for Portion B10	28 days	0 days	100%	Sun 20/11/22	Sat 17/12/22	Sun 20/11/22	Sat 17/12/22	0 days	0 days	901,903
905	CON-2.19-20300	Tree Survey for Portion A5	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	900
906	CON-2.19-20400	Tree Survey for Portion B10	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	901
907	CON-2.19-20500	Initial Survey for Portion A5	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	900
908	CON-2.19-20600	Initial Survey for Portion B10	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	901
909	CON-2.19-20700	Site Haul Road for Portion A5	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	900
910	CON-2.19-20800	Site Haul Road for Portion B10	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	901
911	CON-2.19-20900	Health & Hygiene Facilities	7 days	0 days	100%	Sun 23/10/22	Sat 29/10/22	Sun 23/10/22	Sat 29/10/22	0 days	0 days	900
912	CON-2.19-21000	Fence Work & Gate for Portion A5	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	900
913	CON-2.19-21100	Fence Work for Portion B10	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	901
914	CON-2.19-21200	Underground Utilities Detection for Portion A5	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	900
915	CON-2.19-21300	Underground Utilities Detection for Portion B10	28 days	0 days	100%	Sun 23/10/22	Sat 19/11/22	Sun 23/10/22	Sat 19/11/22	0 days	0 days	901
916	CON-2.19-21400	Install Monitoring Points	10 days	0 days	100%	Sun 20/11/22	Tue 29/11/22	Sun 20/11/22	Tue 29/11/22	0 days	0 days	913
917	CON-2.19-30000	Tree Treatment	56 days	0 days	100%	Sun 6/11/22	Sat 31/12/22	Sun 6/11/22	Sat 31/12/22	0 days	0 days	
918	CON-2.19-30100	Tree Felling for Portion A5	28 days	0 days	100%	Sun 20/11/22	Sat 17/12/22	Sun 20/11/22	Sat 17/12/22	0 days	0 days	905,907,909,911,912,914
919	CON-2.19-30200	Tree Felling for Portion B10	28 days	0 days	100%	Sun 4/12/22	Sat 31/12/22	Sun 4/12/22	Sat 31/12/22	0 days	0 days	906,908,910,913,915,918
920	CON-2.19-30300	Tree Protection for Portion A5	28 days	0 days	100%	Sun 6/11/22	Sat 3/12/22	Sun 6/11/22	Sat 3/12/22	0 days	0 days	905,907,909,911,912,914
921	CON-2.19-30400	Tree Protection for Portion B10	28 days	0 days	100%	Sun 4/12/22	Sat 31/12/22	Sun 4/12/22	Sat 31/12/22	0 days	0 days	906,908,910,913,915,920
922	CON-2.19-40000	Demolition work	85 days	0 days	100%	Sun 18/12/22	Sun 12/3/23	Sun 18/12/22	Sun 12/3/23	0 days	0 days	
923	CON-2.19-40100	Demolition of Existing Structures	85 days	0 days	100%	Sun 18/12/22	Sun 12/3/23	Sun 18/12/22	Sun 12/3/23	0 days	0 days	904,397,400
924	CON-2.19-50000	Decontamination (Remediation of contaminated soil carried out at Detention Pond)	385 days	0 days	100%	Fri 29/4/22	Thu 18/5/23	Fri 29/4/22	Thu 18/5/23	0 days	0 days	
925	CON-2.19-51000	CAP	55 days	0 days	100%	Fri 29/4/22	Wed 22/6/22	Fri 29/4/22	Wed 22/6/22	0 days	0 days	
926	CON-2.19-51100	Site Appraisal for Portion B10& Preparation of CAP	25 days	0 days	100%	Fri 29/4/22	Mon 23/5/22	Fri 29/4/22	Mon 23/5/22	0 days	0 days	846SS
927	CON-2.19-51200	Submission& Endorsement by EPD	30 days	0 days	100%	Tue 24/5/22	Wed 22/6/22	Tue 24/5/22	Wed 22/6/22	0 days	0 days	926,294FF
928	CON-2.19-52000	Ground Investigation (Trial Pit / Borehole)	40 days	0 days	100%	Sun 26/2/23	Thu 6/4/23	Sun 26/2/23	Thu 6/4/23	0 days	0 days	
929	CON-2.19-52100	Trial Pit Sampling& Testing	40 days	0 days	100%	Sun 26/2/23	Thu 6/4/23	Sun 26/2/23	Thu 6/4/23	0 days	0 days	923,393,916,919,927
930	CON-2.19-52200	Inspection Pit for installing Groundwater Wells	40 days	0 days	100%	Sun 26/2/23	Thu 6/4/23	Sun 26/2/23	Thu 6/4/23	0 days	0 days	923,916,919,927,921

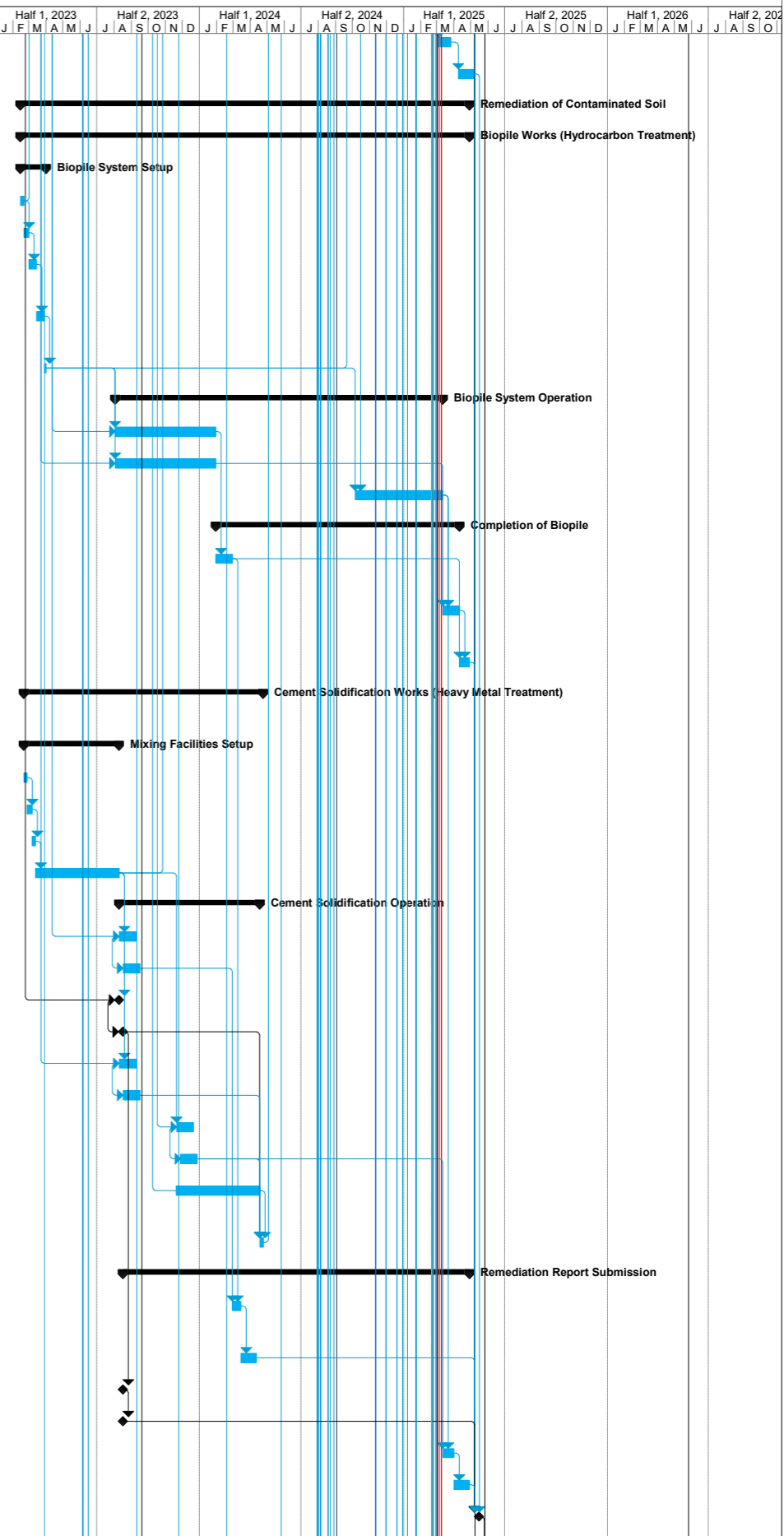
ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D
931	CON-2.19-53000	CAR & RAP Submission	42 days	0 days	100%	Fri 7/4/23	Thu 18/5/23	Fri 7/4/23	Thu 18/5/23	0 days	0 days													
932	CON-2.19-53100	Preparation of CAR& RAP	14 days	0 days	100%	Fri 7/4/23	Thu 20/4/23	Fri 7/4/23	Thu 20/4/23	0 days	0 days	930,929												
933	CON-2.19-53200	Review& Accepted by EPD	28 days	0 days	100%	Fri 21/4/23	Thu 18/5/23	Fri 21/4/23	Thu 18/5/23	0 days	0 days	932												
934	CON-2.19-60000	Site Formation (include Road L53 and L54 adjacent to site 2-19)	529 days	0 days	100%	Sat 20/5/23	Tue 29/10/24	Sat 20/5/23	Tue 29/10/24	0 days	0 days													
935	CON-2.19-60100	Earthwork	488 days	0 days	100%	Sat 20/5/23	Wed 18/9/24	Sat 20/5/23	Wed 18/9/24	0 days	0 days													
936	CON-2.19-60110	Excavation to Formation of retaining wall EM3, EM4 and EM5 at platform +11.0mPD	15 days	0 days	100%	Sat 20/5/23	Sat 3/6/23	Sat 20/5/23	Sat 3/6/23	0 days	0 days	429,863SS,923,933												
937	CON-2.19-60120	Backfilling & Compaction to Formation (Contamination Area)	40 days	0 days	100%	Sat 20/5/23	Wed 28/6/23	Sat 20/5/23	Wed 28/6/23	0 days	0 days	936SS												
938	CON-2.19-60130	Backfilling & Compaction for +11.0mPD platform	75 days	0 days	100%	Thu 2/5/24	Mon 15/7/24	Thu 2/5/24	Mon 15/7/24	0 days	0 days	947												
939	CON-2.19-60140	Excavation to Formation of EM2, IL2 and EM5 at platform +9.5mPD	15 days	0 days	100%	Wed 23/8/23	Wed 6/9/23	Wed 23/8/23	Wed 6/9/23	0 days	0 days	945												
940	CON-2.19-60150	Backfilling & Compaction for +9.50mPD platform	60 days	0 days	100%	Sun 16/6/24	Wed 14/8/24	Sun 16/6/24	Wed 14/8/24	0 days	0 days	938FS-30 days												
941	CON-2.19-60160	Excavation to Formation of EM1, IL1, EL1 and EM5 at +7.5mPD platform	15 days	0 days	100%	Mon 25/12/23	Mon 8/1/24	Mon 25/12/23	Mon 8/1/24	0 days	0 days	946												
942	CON-2.19-60170	Backfilling & Compaction for +7.5m Platform	30 days	0 days	100%	Mon 5/8/24	Tue 3/9/24	Mon 5/8/24	Tue 3/9/24	0 days	0 days	940FS-10 days												
943	CON-2.19-60180	Cut Slope	15 days	0 days	100%	Wed 4/9/24	Wed 18/9/24	Wed 4/9/24	Wed 18/9/24	0 days	0 days	942												
944	CON-2.19-60200	Retaining Wall	333 days	0 days	100%	Sun 4/6/23	Wed 1/5/24	Sun 4/6/23	Wed 1/5/24	0 days	0 days													
945	CON-2.19-60210	Retaining wall EM3, EM4, and EM5 at Platform +11.0mPD	80 days	0 days	100%	Sun 4/6/23	Tue 22/8/23	Sun 4/6/23	Tue 22/8/23	0 days	0 days	936,420												
946	CON-2.19-60220	Retaining wall EM2, IL2 and EM5 at platform +9.5mPD	109 days	0 days	100%	Thu 7/9/23	Sun 24/12/23	Thu 7/9/23	Sun 24/12/23	0 days	0 days	939												
947	CON-2.19-60230	Retaining wall EM1, EL1 and EM5 at platform +7.5mPD	114 days	0 days	100%	Tue 9/1/24	Wed 1/5/24	Tue 9/1/24	Wed 1/5/24	0 days	0 days	941												
948	CON-2.19-60300	Surface Drainage (U-channel)	106 days	0 days	100%	Tue 16/7/24	Tue 29/10/24	Tue 16/7/24	Tue 29/10/24	0 days	0 days													
949	CON-2.19-60310	At Slope Crest +12.14mPD	45 days	0 days	100%	Tue 16/7/24	Thu 29/8/24	Tue 16/7/24	Thu 29/8/24	0 days	0 days													
950	CON-2.19-60311	Excavation to Formation	15 days	0 days	100%	Tue 16/7/24	Tue 30/7/24	Tue 16/7/24	Tue 30/7/24	0 days	0 days	938												
951	CON-2.19-60312	Catchpit	15 days	0 days	100%	Wed 31/7/24	Wed 14/8/24	Wed 31/7/24	Wed 14/8/24	0 days	0 days	950												
952	CON-2.19-60313	U-channel	15 days	0 days	100%	Thu 15/8/24	Thu 29/8/24	Thu 15/8/24	Thu 29/8/24	0 days	0 days	951												
953	CON-2.19-60320	At Platform +11.0mPD	48 days	0 days	100%	Tue 16/7/24	Sun 1/9/24	Tue 16/7/24	Sun 1/9/24	0 days	0 days													
954	CON-2.19-60321	Excavation to Formation	30 days	0 days	100%	Tue 16/7/24	Wed 14/8/24	Tue 16/7/24	Wed 14/8/24	0 days	0 days	938												
955	CON-2.19-60322	Catchpit	30 days	0 days	100%	Thu 25/7/24	Fri 23/8/24	Thu 25/7/24	Fri 23/8/24	0 days	0 days	954SS+9 days												
956	CON-2.19-60323	U-channel	30 days	0 days	100%	Sat 3/8/24	Sun 1/9/24	Sat 3/8/24	Sun 1/9/24	0 days	0 days	955SS+9 days												
957	CON-2.19-60330	At Platform +9.5mPD	46 days	0 days	100%	Thu 15/8/24	Sun 29/9/24	Thu 15/8/24	Sun 29/9/24	0 days	0 days													
958	CON-2.19-60331	Excavation to Formation	26 days	0 days	100%	Thu 15/8/24	Mon 9/9/24	Thu 15/8/24	Mon 9/9/24	0 days	0 days	940												
959	CON-2.19-60332	Catchpit	26 days	0 days	100%	Sun 25/8/24	Thu 19/9/24	Sun 25/8/24	Thu 19/9/24	0 days	0 days	958SS+10 days												
960	CON-2.19-60333	U-channel	26 days	0 days	100%	Wed 4/9/24	Sun 29/9/24	Wed 4/9/24	Sun 29/9/24	0 days	0 days	959SS+10 days												
961	CON-2.19-60340	At Platform +7.5mPD	32 days	0 days	100%	Wed 4/9/24	Sat 5/10/24	Wed 4/9/24	Sat 5/10/24	0 days	0 days													
962	CON-2.19-60341	Excavation to Formation	14 days	0 days	100%	Wed 4/9/24	Tue 17/9/24	Wed 4/9/24	Tue 17/9/24	0 days	0 days	942												
963	CON-2.19-60342	Catchpit	14 days	0 days	100%	Fri 13/9/24	Thu 26/9/24	Fri 13/9/24	Thu 26/9/24	0 days	0 days	962SS+9 days												
964	CON-2.19-60343	U-channel	14 days	0 days	100%	Sun 22/9/24	Sat 5/10/24	Sun 22/9/24	Sat 5/10/24	0 days	0 days	963SS+9 days												
965	CON-2.19-60350	Boundary U-Channel	61 days	0 days	100%	Fri 30/8/24	Tue 29/10/24	Fri 30/8/24	Tue 29/10/24	0 days	0 days													
966	CON-2.19-60351	Excavation to Formation	20 days	0 days	100%	Fri 30/8/24	Wed 18/9/24	Fri 30/8/24	Wed 18/9/24	0 days	0 days	947,952												
967	CON-2.19-60352	Catchpit	20 days	0 days	100%	Thu 19/9/24	Tue 8/10/24	Thu 19/9/24	Tue 8/10/24	0 days	0 days	966												
968	CON-2.19-60353	U-channel	21 days	0 days	100%	Wed 9/10/24	Tue 29/10/24	Wed 9/10/24	Tue 29/10/24	0 days	0 days	967												
969	CON-2.19-60400	Drainage Work within Village	45 days	0 days	100%	Fri 23/8/24	Sun 6/10/24	Fri 23/8/24	Sun 6/10/24	0 days	0 days													
970	CON-2.19-60410	Drainage Work at Platform +11.0mPD	20 days	0 days	100%	Fri 23/8/24	Wed 11/9/24	Fri 23/8/24	Wed 11/9/24	0 days	0 days	956FS-10 days												
971	CON-2.19-60420	Drainage Work at Platform +9.5mPD	15 days	0 days	100%	Fri 20/9/24	Fri 4/10/24	Fri 20/9/24	Fri 4/10/24	0 days	0 days	960FS-10 days												
972	CON-2.19-60430	Drainage Work at Platform +7.5mPD	11 days	0 days	100%	Thu 26/9/24	Sun 6/10/24	Thu 26/9/24	Sun 6/10/24	0 days	0 days	964FS-10 days												
973	CON-2.19-60500	Sewer Work within Village	45 days	0 days	100%	Mon 2/9/24	Wed 16/10/24	Mon 2/9/24	Wed 16/10/24	0 days	0 days													
974	CON-2.19-60510	Sewer Work at Platform +11.0mPD	14 days	0 days	100%	Mon 2/9/24	Sun 15/9/24	Mon 2/9/24	Sun 15/9/24	0 days	0 days	970SS+10 days												

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D
975	CON-2.19-60520	Sewer Work at Platform +9.5mPD	11 days	0 days	100%	Mon 30/9/24	Thu 10/10/24	Mon 30/9/24	Thu 10/10/24	0 days	0 days	971SS+10 days												
976	CON-2.19-60530	Sewer Work at Platform +7.5mPD	11 days	0 days	100%	Sun 6/10/24	Wed 16/10/24	Sun 6/10/24	Wed 16/10/24	0 days	0 days	972SS+10 days												
977	CON-2.19-60600	Waterwork within Village	43 days	0 days	100%	Sun 15/9/24	Sun 27/10/24	Sun 15/9/24	Sun 27/10/24	0 days	0 days													
978	CON-2.19-60610	Waterwork at Platform +11.0mPD	16 days	0 days	100%	Sun 15/9/24	Mon 30/9/24	Sun 15/9/24	Mon 30/9/24	0 days	0 days	974SS+13 days												
979	CON-2.19-60620	Waterwork at Platform +9.5mPD	12 days	0 days	100%	Mon 7/10/24	Fri 18/10/24	Mon 7/10/24	Fri 18/10/24	0 days	0 days	975SS+7 days,978												
980	CON-2.19-60630	Waterwork at Platform +7.5mPD	14 days	0 days	100%	Mon 14/10/24	Sun 27/10/24	Mon 14/10/24	Sun 27/10/24	0 days	0 days	976SS+8 days,979												
981	CON-2.19-70000	Additional Works	53 days	11.21 days	0%	Tue 1/10/24	Fri 22/11/24	Tue 1/10/24	Fri 22/11/24	0 days	0 days													
982	CON-2.19-70110	Concrete Pavement for Footpath at Platform +11.0mPD (PMI 127,223)	14 days	0 days	100%	Tue 1/10/24	Mon 14/10/24	Tue 1/10/24	Mon 14/10/24	0 days	0 days	956,978,974,970												
983	CON-2.19-70120	Concrete Pavement for Footpath at Platform +9.5mPD (PMI 127,223)	12 days	0 days	100%	Sat 19/10/24	Wed 30/10/24	Sat 19/10/24	Wed 30/10/24	0 days	0 days	960,979,982,975,971												
984	CON-2.19-70130	Concrete Pavement for Footpath at Platform +7.5mPD (PMI 127,223)	14 days	0 days	100%	Thu 31/10/24	Wed 13/11/24	Thu 31/10/24	Wed 13/11/24	0 days	0 days	964,980,983,976												
985	CON-2.19-70200	Hydroseeding at Village House (PMI 096)	12 days	12 days	0%	Mon 28/10/24	Fri 8/11/24	Mon 11/11/24	Fri 22/11/24	14 days	14 days	980,972												
986	CON-2.19-70500	Public Lighting (PMI 112)	9 days	0.9 days	90%	Thu 14/11/24	Fri 22/11/24	Thu 14/11/24	Fri 22/11/24	0 days	0 days	984,982,983,249												
987	CON-2.19-90000	Planned Completion of Section 1A5	0 days	0 days	0%	Fri 22/11/24	Fri 22/11/24	Fri 22/11/24	Fri 22/11/24	0 days	0 days	968,980,986,985,984,943,9												
988		Section 1A6	758 days	380.65 days	89%	Thu 20/4/23	Fri 16/5/25	Thu 20/4/23	Sat 16/5/26	365 days	365 days													
989	CON-1A6-10000	Road L54 (Site formation works refer to Section 1A4 and Section 1A5)	651 days	384.17 days	0%	Fri 4/8/23	Thu 15/5/25	Fri 4/8/23	Sat 16/5/26	366 days	366 days													
990	CON-1A6-10100	Drainage Work (manhole 6nos)	55 days	0 days	100%	Wed 30/8/23	Mon 23/10/23	Wed 30/8/23	Mon 23/10/23	0 days	0 days	478,163,407,868SS+27 day												
991	CON-1A6-10110	Drainage Work (manhole 8nos)	45 days	0 days	100%	Tue 20/2/24	Thu 4/4/24	Tue 20/2/24	Thu 4/4/24	0 days	0 days	995,994,990,869												
992	CON-1A6-10200	Sewer Work (manhole 2nos)	55 days	0 days	100%	Fri 29/9/23	Wed 22/11/23	Fri 29/9/23	Wed 22/11/23	0 days	0 days	990SS+30 days,410												
993	CON-1A6-10210	Sewer Work (manhole 1nos)	20 days	0 days	100%	Mon 22/4/24	Sat 11/5/24	Mon 22/4/24	Sat 11/5/24	0 days	0 days	995,992,996SS												
994	CON-1A6-10300	Removal of Existing CLP Pylons	107 days	0 days	100%	Fri 4/8/23	Sat 18/11/23	Fri 4/8/23	Sat 18/11/23	0 days	0 days													
995	CON-1A6-10400	Treatment of Contaminated Underground Water	130 days	0 days	100%	Thu 28/9/23	Sun 4/2/24	Thu 28/9/23	Sun 4/2/24	0 days	0 days													
996	CON-1A6-10500	Subsoil Drain (PMI 086)	60 days	0 days	100%	Mon 22/4/24	Thu 20/6/24	Mon 22/4/24	Thu 20/6/24	0 days	0 days													
997	CON-1A6-10600	Water Work	60 days	45 days	0%	Mon 18/11/24	Thu 16/1/25	Mon 18/11/24	Fri 17/1/25	1 day	1 day													
998	CON-1A6-10610	Water Pipe Installation (100m)	30 days	15 days	50%	Mon 18/11/24	Tue 17/12/24	Mon 18/11/24	Wed 18/12/24	0 days	1 day	404,993,996FS+150 days,9												
999	CON-1A6-10620	Water Connection	30 days	30 days	0%	Wed 18/12/24	Thu 16/1/25	Thu 19/12/24	Fri 17/1/25	1 day	1 day													
1000	CON-1A6-10621	Testing and Submission	24 days	24 days	0%	Wed 18/12/24	Fri 10/1/25	Thu 19/12/24	Sat 11/1/25	0 days	1 day	998												
1001	CON-1A6-10622	Approval from WSD	1 day	1 day	0%	Sat 11/1/25	Sat 11/1/25	Sun 12/1/25	Sun 12/1/25	0 days	1 day	1000												
1002	CON-1A6-10623	Water Connection	1 day	1 day	0%	Sun 12/1/25	Sun 12/1/25	Mon 13/1/25	Mon 13/1/25	0 days	1 day	1001												
1003	CON-1A6-10624	Reinstatement Works	4 days	4 days	0%	Mon 13/1/25	Thu 16/1/25	Tue 14/1/25	Fri 17/1/25	0 days	1 day	1002												
1004	CON-1A6-10700	Utilities	50 days	50 days	0%	Mon 9/9/24	Mon 28/10/24	Mon 9/9/24	Mon 28/10/24	0 days	0 days	426,996FS+80 days												
1005	CON-1A6-10800	Road Works (L54+00 to L54+142)	157 days	157 days	0%	Fri 8/11/24	Sun 13/4/25	Fri 8/11/24	Sun 13/4/25	0 days	0 days													
1006	CON-1A6-10810	Gully and Associated Pipe	70 days	70 days	0%	Fri 8/11/24	Thu 16/1/25	Fri 8/11/24	Thu 16/1/25	0 days	0 days	1004SS+60 days,426												
1007	CON-1A6-10820	Footpath	30 days	30 days	0%	Sun 12/1/25	Mon 10/2/25	Sun 12/1/25	Mon 10/2/25	0 days	0 days	1006FS-5 days,1003FS-6 d												
1008	CON-1A6-10830	Pavement	42 days	42 days	0%	Thu 6/2/25	Wed 19/3/25	Thu 6/2/25	Wed 19/3/25	0 days	0 days	1007FS-5 days,221												
1009	CON-1A6-10840	Street Furniture / Traffic Sign	30 days	30 days	0%	Sat 15/3/25	Sun 13/4/25	Sat 15/3/25	Sun 13/4/25	0 days	0 days	1008FS-5 days												
1010	CON-1A6-10850	Road Lighting (Smart Lamp Post) (PMI 190, PMI 239)	40 days	40 days	0%	Sun 6/4/25	Thu 15/5/25	Sun 6/4/25	Thu 15/5/25	0 days	0 days	458,1009FS-8 days												
1011	CON-1A6-10900	Landscaping Work	40 days	40 days	0%	Sun 6/4/25	Thu 15/5/25	Sun 6/4/25	Thu 15/5/25	0 days	0 days	462,1003,1009FS-8 days												
1012	CON-1A6-11000	Additional Works for site 2-18	241 days	207.05 days	0%	Tue 17/9/24	Thu 15/5/25	Tue 17/9/24	Sat 16/5/26	366 days	366 days													
1013	CON-1A6-11100	Refuse Collection Point (PMI 121)	51 days	51 days	0%	Mon 3/2/25	Tue 25/3/25	Thu 27/3/25	Fri 16/5/25	52 days	52 days	888FS+14 days,1018												
1014	CON-1A6-11200	Transformer Room (PMI 075)	241 days	180 days	0%	Tue 17/9/24	Thu 15/5/25	Tue 17/9/24	Thu 15/5/25	0 days	0 days													
1015	CON-1A6-11210	Excavate to Formation Level	7 days	0 days	100%	Tue 17/9/24	Mon 23/9/24	Tue 17/9/24	Mon 23/9/24	0 days	0 days	872FS+4 days												
1016	CON-1A6-11220	Plate Load Test	7 days	0 days	100%	Tue 24/9/24	Mon 30/9/24	Tue 24/9/24	Mon 30/9/24	0 days	0 days	1015												
1017	CON-1A6-11230	Construction of Footing& Trench	7 days	0 days	100%	Tue 1/10/24	Mon 7/10/24	Tue 1/10/24	Mon 7/10/24	0 days	0 days	1016												
1018	CON-1A6-11240	Construction of RC Structure	40 days	0 days	100%	Tue 8/10/24	Sat 16/11/24	Tue 8/10/24	Sat 16/11/24	0 days	0 days	1017												
1019	CON-1A6-11250	Waterproofing, Finishing& Painting Works	90 days	90 days	0%	Sun 17/11/24	Fri 14/2/25	Sun 17/11/24	Fri 14/2/25	0 days	0 days	1018												
1020	CON-1A6-11260	Hardware	30 days	30 days	0%	Sat 15/2/25	Sun 16/3/25	Sat 15/2/25	Sun 16/3/25	0 days	0 days	1019												

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D
1021	CON-1A6-11270	E&M Works	30 days	30 days	0%	Mon 17/3/25	Tue 15/4/25	Mon 17/3/25	Tue 15/4/25	0 days	0 days	1020												
1022	CON-1A6-11280	Testing& Commissioning	20 days	20 days	0%	Wed 16/4/25	Mon 5/5/25	Wed 16/4/25	Mon 5/5/25	0 days	0 days	1021												
1023	CON-1A6-11290	Handover to CLP	10 days	10 days	0%	Tue 6/5/25	Thu 15/5/25	Tue 6/5/25	Thu 15/5/25	0 days	0 days	1022												
1024	CON-1A6-11300	Irrigation for Planter (PMI 133)	15 days	15 days	0%	Wed 26/2/25	Wed 12/3/25	Tue 8/4/25	Tue 22/4/25	0 days	41 days	888,1003FS+40 days,892												
1025	CON-1A6-11400	Turf Planting at Landscaping area and Hydroseeding at Village House (PMI 096)	14 days	14 days	0%	Thu 13/3/25	Wed 26/3/25	Sun 3/5/26	Sat 16/5/26	416 days	416 days	893,1024												
1026	CON-1A6-11500	Chain Link Fence for Village Houses (omitted)	0 days	0 days	100%	Thu 10/4/25	Thu 10/4/25	Thu 10/4/25	Thu 10/4/25	0 days	0 days	1024												
1027	CON-1A6-11510	Provision of Chain Link Fence, ACCESS Gate and Government Land Notice Board wit8in Site 2-19 (PMI 214, PMC 053)	24 days	24 days	0%	Thu 13/3/25	Sat 5/4/25	Wed 23/4/25	Fri 16/5/25	41 days	41 days	1024												
1028	CON-1A6-11520	Erection of Chain Link Fence and Access Gate at Portion B11 (PMI 242)	24 days	24 days	0%	Thu 13/3/25	Sat 5/4/25	Wed 23/4/25	Fri 16/5/25	0 days	41 days	1024												
1029	CON-1A6-11600	Railing around Lot Boundary (PMI 131)	41 days	41 days	0%	Thu 13/2/25	Tue 25/3/25	Fri 14/3/25	Wed 23/4/25	0 days	29 days	892FS+100 days												
1030	CON-1A6-11700	Construction of Traffic signs with Emergency crash gate (PMI 097)	23 days	23 days	0%	Wed 26/3/25	Thu 17/4/25	Thu 24/4/25	Fri 16/5/25	29 days	29 days	1029												
1031	CON-1A6-12000	Additional Works for site 2-19	53 days	53 days	0%	Tue 11/2/25	Sat 5/4/25	Tue 15/4/25	Fri 16/5/25	41 days	41 days													
1032	CON-1A6-12100	Chain Link Fence for Village Houses (omitted)	0 days	0 days	0%	Tue 11/2/25	Tue 11/2/25	Fri 16/5/25	Fri 16/5/25	94 days	94 days	984FS+90 days,892												
1033	CON-1A6-12110	Provision of Chain Link Fence, ACCESS Gate and Government Land Notice Board within Site 2-19 (PMI 215, PMC 054)	24 days	24 days	0%	Thu 13/3/25	Sat 5/4/25	Wed 23/4/25	Fri 16/5/25	41 days	41 days	1028SS												
1034	CON-1A6-12200	Railing around Lot Boundary (PMI 132)	32 days	32 days	0%	Sat 22/2/25	Tue 25/3/25	Tue 15/4/25	Fri 16/5/25	52 days	52 days	984FS+100 days,892												
1035	CON-1A6-12210	Revised Village Lighting at Site 2-19 (PMI 248)	14 days	14 days	0%	Sun 23/3/25	Sat 5/4/25	Sat 3/5/25	Fri 16/5/25	41 days	41 days	1028SS+10 days												
1036	CON-1A6-13000	Planned Road L54 Completion Date	0 days	0 days	0%	Thu 15/5/25	Thu 15/5/25	Thu 15/5/25	Thu 15/5/25	0 days	0 days	1011,1010,1003,1023												
1037		Road L53, L53+000, (Site formation works refer to Section 1A4 and Section 1A5)	758 days	354.82 days	0%	Thu 20/4/23	Fri 16/5/25	Thu 20/4/23	Fri 16/5/25	0 days	0 days													
1038	CON-1A6-20100	Drainage Work (6nos)- KPLR	80 days	0 days	100%	Thu 20/4/23	Sat 8/7/23	Thu 20/4/23	Sat 8/7/23	0 days	0 days	163,407												
1039	CON-1A6-20110	Sewer Work (3nos)- KPLR	80 days	0 days	100%	Sat 20/5/23	Mon 7/8/23	Sat 20/5/23	Mon 7/8/23	0 days	0 days	1038SS+30 days,410												
1040	CON-1A6-20120	Diversion of Existing Watermains along Kai Pak Ling Road - KPLR (PMI 147)	30 days	30 days	0%	Mon 24/2/25	Tue 25/3/25	Mon 24/2/25	Tue 25/3/25	0 days	0 days	946,972FS+140 days												
1041	CON-1A6-20200	Removal of existing CLP Pylons - FKTR	107 days	0 days	100%	Fri 4/8/23	Sat 18/11/23	Fri 4/8/23	Sat 18/11/23	0 days	0 days													
1042	CON-1A6-20210	Improve Ground Condition of Existing Open Ditch - FKTR	30 days	0 days	100%	Sun 19/11/23	Mon 18/12/23	Sun 19/11/23	Mon 18/12/23	0 days	0 days	1041												
1043	CON-1A6-20220	Drainage Work after CLP Pylons removed - FKTR	280 days	184 days	80%	Tue 19/12/23	Mon 23/9/24	Tue 19/12/23	Sun 29/12/24	0 days	97 days	1042,478,483												
1044	CON-1A6-20230	Sewer Work after CLP Pylons removed - FKTR	120 days	0 days	100%	Thu 18/1/24	Thu 16/5/24	Thu 18/1/24	Thu 16/5/24	0 days	0 days	1043SS+30 days												
1045	CON-1A6-20240	Subsoil Drain (PMI 111)	134 days	26.8 days	80%	Mon 29/4/24	Mon 9/9/24	Mon 29/4/24	Tue 4/2/25	148 days	148 days													
1046	CON-1A6-20250	Uncharted 900mm Strom Drain along Fung Kong Tsuen Road (PMI 252)	14 days	14 days	0%	Wed 4/9/24	Tue 17/9/24	Tue 10/12/24	Mon 23/12/24	97 days	97 days	1043FS-20 days												
1047	CON-1A6-20600	Water Work (25m)	71 days	71 days	0%	Fri 7/3/25	Fri 16/5/25	Fri 7/3/25	Fri 16/5/25	0 days	0 days													
1048	CON-1A6-20610	Water Pipe Installation	40 days	40 days	0%	Fri 7/3/25	Tue 15/4/25	Fri 7/3/25	Tue 15/4/25	0 days	0 days	404,1054												
1049	CON-1A6-20620	Water Connection	31 days	31 days	0%	Wed 16/4/25	Fri 16/5/25	Wed 16/4/25	Fri 16/5/25	0 days	0 days													
1050	CON-1A6-20621	Testing and Submission	25 days	25 days	0%	Wed 16/4/25	Sat 10/5/25	Wed 16/4/25	Sat 10/5/25	0 days	0 days	1048												
1051	CON-1A6-20622	Approval from WSD	1 day	1 day	0%	Sun 11/5/25	Sun 11/5/25	Sun 11/5/25	Sun 11/5/25	0 days	0 days	1050												
1052	CON-1A6-20623	Water Connection	1 day	1 day	0%	Mon 12/5/25	Mon 12/5/25	Mon 12/5/25	Mon 12/5/25	0 days	0 days	1051												
1053	CON-1A6-20624	Reinstatement Works	4 days	4 days	0%	Tue 13/5/25	Fri 16/5/25	Tue 13/5/25	Fri 16/5/25	0 days	0 days	1052,167FF												
1054	CON-1A6-20700	Utilities	73 days	73 days	0%	Tue 24/12/24	Thu 6/3/25	Tue 24/12/24	Thu 6/3/25	0 days	0 days	426,1043FS-30 days,1044,												
1055	CON-1A6-20800	Road Works (L53+00 to L53+226)	57 days	57 days	0%	Sat 1/3/25	Sat 26/4/25	Sat 1/3/25	Sat 26/4/25	0 days	0 days													
1056	CON-1A6-20810	Gully and Associated Pipe	39 days	39 days	0%	Sat 1/3/25	Tue 8/4/25	Sat 1/3/25	Tue 8/4/25	0 days	0 days	1054SS+67 days,426												
1057	CON-1A6-20820	Footpath	14 days	14 days	0%	Sun 30/3/25	Sat 12/4/25	Sun 30/3/25	Sat 12/4/25	0 days	0 days	1056FS-10 days												
1058	CON-1A6-12830	Pavement	14 days	14 days	0%	Thu 3/4/25	Wed 16/4/25	Thu 3/4/25	Wed 16/4/25	0 days	0 days	1057FS-10 days,221												
1059	CON-1A6-20840	Street Furniture / Traffic Sign	20 days	20 days	0%	Mon 7/4/25	Sat 26/4/25	Mon 7/4/25	Sat 26/4/25	0 days	0 days	1058FS-10 days												
1060	CON-1A6-20850	Road Lighting (Smart Lamp Post) (PMI 191, PMI 238)	30 days	30 days	0%	Thu 17/4/25	Fri 16/5/25	Thu 17/4/25	Fri 16/5/25	0 days	0 days	458,1059FS-10 days												
1061	CON-1A6-20900	Landscaping Work	30 days	30 days	0%	Thu 17/4/25	Fri 16/5/25	Thu 17/4/25	Fri 16/5/25	0 days	0 days	462,1059FS-10 days												
1062	CON-1A6-21000	Planned Road L53 Completion Date (Road L53 + Road L54)	0 days	0 days	0%	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	0 days	0 days	1061,1060,1055,171,174,17												

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors
1063	CON-1A6-30000	Boost-Up Transformer Room (at footpath of Road D1)	339 days	0 days	100%	Mon 19/2/24	Wed 22/1/25	Mon 19/2/24	Wed 22/1/25	0 days	0 days	
1064	CON-1A6-30100	Excavation to Formation Level	10 days	0 days	100%	Mon 19/2/24	Wed 28/2/24	Mon 19/2/24	Wed 28/2/24	0 days	0 days	442,1256FS+90 days
1065	CON-1A6-30200	Construction of Footing & Trench	10 days	0 days	100%	Thu 29/2/24	Sat 9/3/24	Thu 29/2/24	Sat 9/3/24	0 days	0 days	1064
1066	CON-1A6-30300	Construction of RC Structures	30 days	0 days	100%	Sun 10/3/24	Mon 8/4/24	Sun 10/3/24	Mon 8/4/24	0 days	0 days	1065
1067	CON-1A6-30400	Waterproofing, Finishing & Painting Works	25 days	0 days	100%	Mon 5/8/24	Thu 29/8/24	Mon 5/8/24	Thu 29/8/24	0 days	0 days	1066
1068	CON-1A6-30500	Hardware	20 days	0 days	100%	Fri 30/8/24	Wed 18/9/24	Fri 30/8/24	Wed 18/9/24	0 days	0 days	1067
1069	CON-1A6-30600	E&M Works	30 days	0 days	100%	Thu 19/9/24	Fri 18/10/24	Thu 19/9/24	Fri 18/10/24	0 days	0 days	1068,247,230
1070	CON-1A6-30700	Testing & Commissioning	20 days	0 days	100%	Wed 18/12/24	Mon 6/1/25	Wed 18/12/24	Mon 6/1/25	0 days	0 days	1069FS+60 days
1071	CON-1A6-30800	Handover to CLP	10 days	0 days	100%	Mon 13/1/25	Wed 22/1/25	Mon 13/1/25	Wed 22/1/25	0 days	0 days	1070,1262
1072	CON-1A6-40000	Planned Completion of Section 1A6	0 days	0 days	0%	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	0 days	0 days	1036,1062,1032,1034,1026
1073		Section 1B	365 days	365 days	0%	Sat 17/5/25	Sat 16/5/26	Sat 17/5/25	Sat 16/5/26	0 days	0 days	
1074	CON-1B-10000	Establishment works of Sections 1A4, 1A5, 1A6	365 days	365 days	0%	Sat 17/5/25	Sat 16/5/26	Sat 17/5/25	Sat 16/5/26	0 days	0 days	896,987,1072
1075	CON-1B-20000	Planned Completion of Section 1B	0 days	0 days	0%	Sat 16/5/26	Sat 16/5/26	Sat 16/5/26	Sat 16/5/26	0 days	0 days	1074
1076		Section 2A	1205 days	280.22 days	82%	Fri 28/1/22	Fri 16/5/25	Fri 28/1/22	Sat 16/5/26	365 days	365 days	
1077	CON-2A-10000	Ping Ha Road (Portion C1)	880 days	87.11 days	77%	Mon 19/12/22	Fri 16/5/25	Mon 19/12/22	Fri 16/5/25	0 days	0 days	
1078	CON-2A-10200	Pipe Jacking	847 days	54.42 days	78%	Mon 19/12/22	Sun 13/4/25	Mon 19/12/22	Sun 13/4/25	0 days	0 days	
1079	CON-2A-10201	Site Clearance	3 days	0 days	100%	Mon 19/12/22	Wed 21/12/22	Mon 19/12/22	Wed 21/12/22	0 days	0 days	468
1080	CON-2A-10202	Initial Survey	7 days	0 days	100%	Thu 22/12/22	Wed 28/12/22	Thu 22/12/22	Wed 28/12/22	0 days	0 days	1079
1081	CON-2A-10203	Tree Survey	7 days	0 days	100%	Thu 22/12/22	Wed 28/12/22	Thu 22/12/22	Wed 28/12/22	0 days	0 days	1079
1082	CON-2A-10204	Fence Work	7 days	0 days	100%	Thu 22/12/22	Wed 28/12/22	Thu 22/12/22	Wed 28/12/22	0 days	0 days	1079
1083	CON-2A-10205	Underground Utilities Detection and Protection	90 days	0 days	100%	Thu 29/12/22	Tue 28/3/23	Thu 29/12/22	Tue 28/3/23	0 days	0 days	1082
1084	CON-2A-10206	Install Monitoring Points	7 days	0 days	100%	Mon 3/4/23	Sun 9/4/23	Mon 3/4/23	Sun 9/4/23	0 days	0 days	1080,1081,1082,1083
1085	CON-2A-10207	ELS for Jacking Pits & Receiving Pits	550 days	0 days	100%	Mon 10/4/23	Thu 10/10/24	Mon 10/4/23	Thu 10/10/24	0 days	0 days	1084,455
1086	CON-2A-10210	Pipe Jacking Works	130 days	0 days	38%	Fri 11/10/24	Mon 17/2/25	Fri 11/10/24	Mon 17/2/25	0 days	0 days	
1087	CON-2A-10211	Preparation works for Pipe Jacking, including Supporting Frame, Thrust Wall, Entrance Ring and set up of Jacking Equipment etc.	60 days	0 days	100%	Fri 11/10/24	Mon 9/12/24	Fri 11/10/24	Mon 9/12/24	0 days	0 days	1085
1088	CON-2A-10212	Pipe Jacking	70 days	0 days	100%	Tue 10/12/24	Mon 17/2/25	Tue 10/12/24	Mon 17/2/25	0 days	0 days	1087
1089	CON-2A-10213	Pipe Installation within Sleeve Pipes	20 days	20 days	0%	Tue 18/2/25	Sun 9/3/25	Tue 18/2/25	Sun 9/3/25	0 days	0 days	1085,1087,1088
1090	CON-2A-10214	Construct Chambers & Main Connections : Revised Design of WSD Inspection Chamber and Pipe Jacking Works(PMI 203)	28 days	28 days	0%	Mon 10/3/25	Sun 6/4/25	Mon 10/3/25	Sun 6/4/25	0 days	0 days	1089
1091	CON-2A-10215	Backfilling & Reinstatement	7 days	7 days	0%	Mon 7/4/25	Sun 13/4/25	Mon 7/4/25	Sun 13/4/25	0 days	0 days	1090
1092	CON-2A-10300	Water Work	748 days	748 days	0%	Sun 30/4/23	Fri 16/5/25	Sun 30/4/23	Fri 16/5/25	0 days	0 days	
1093	CON-2A-10310	Water Pipe Installation at Ping Ha Road (Omitted)	0 days	0 days	100%	Sun 30/4/23	Sun 30/4/23	Sun 30/4/23	Sun 30/4/23	0 days	0 days	404,1085SS+20 days
1094	CON-2A-10320	Water Connection	33 days	33 days	0%	Mon 14/4/25	Fri 16/5/25	Mon 14/4/25	Fri 16/5/25	0 days	0 days	
1095	CON-2A-10321	Testing and Submission	26 days	26 days	0%	Mon 14/4/25	Fri 9/5/25	Mon 14/4/25	Fri 9/5/25	0 days	0 days	1093,1091
1096	CON-2A-10322	Approval from WSD	1 day	1 day	0%	Sat 10/5/25	Sat 10/5/25	Sat 10/5/25	Sat 10/5/25	0 days	0 days	1095
1097	CON-2A-10323	Water Connection	1 day	1 day	0%	Sun 11/5/25	Sun 11/5/25	Sun 11/5/25	Sun 11/5/25	0 days	0 days	1096
1098	CON-2A-10324	Reinstatement Works	5 days	5 days	0%	Mon 12/5/25	Fri 16/5/25	Mon 12/5/25	Fri 16/5/25	0 days	0 days	1097,168FF
1099		Planned Ping Ha Road Completion Date	0 days	0 days	0%	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	0 days	0 days	1098
1100	CON-2A-20000	Ha Tsuen Road (Portion A3,A6,A7,A8,D1,D2)	946 days	0 days	100%	Thu 28/7/22	Fri 28/2/25	Thu 28/7/22	Fri 28/2/25	0 days	0 days	
1101	CON-2A-20100	Water Work and Sewerage Work (Omitted)	545 days	0 days	100%	Fri 1/9/23	Fri 28/2/25	Fri 1/9/23	Fri 28/2/25	0 days	0 days	
1102	CON-2A-20110	Water Pipe Installation (Ha Tsuen Road to Road D1) (Omitted)	0 days	0 days	100%	Fri 1/9/23	Fri 1/9/23	Fri 1/9/23	Fri 1/9/23	0 days	0 days	32,35,36,37,473,404
1103	CON-2A-20120	Sewer pipe and manhole installation (Ha Tsuen Road to Road D1) (Omitted)	0 days	0 days	100%	Fri 1/9/23	Fri 1/9/23	Fri 1/9/23	Fri 1/9/23	0 days	0 days	32,35,36,37,473,404
1104	CON-2A-20120	Water Connection (Omitted)	0 days	0 days	100%	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	0 days	0 days	
1105	CON-2A-20121	Testing and Submission (Omitted)	0 days	0 days	100%	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	0 days	0 days	1102,1258,1103
1106	CON-2A-20122	Approval from WSD (Omitted)	0 days	0 days	100%	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	0 days	0 days	1105

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D
1107	CON-2A-20123	Water Connection (Omitted)	0 days	0 days	100%	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	0 days	0 days	1106												
1108	CON-2A-20124	Reinstatement Works (Omitted)	0 days	0 days	100%	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	0 days	0 days	1107,166FF												
1109	CON-2A-20200	Sewage Pumping Station (Omitted)	553 days	0 days	100%	Thu 28/7/22	Thu 1/2/24	Thu 28/7/22	Thu 1/2/24	0 days	0 days													
1110	CON-2A-20210	Sewage Work (Omitted)	553 days	0 days	100%	Thu 28/7/22	Thu 1/2/24	Thu 28/7/22	Thu 1/2/24	0 days	0 days													
1111	CON-2A-20211	Access day 456	0 days	0 days	100%	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	0 days	0 days	47												
1112	CON-2A-20212	Site Clearance (Omitted)	0 days	0 days	100%	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	0 days	0 days	1111												
1113	CON-2A-20213	Initial Survey (Omitted)	0 days	0 days	100%	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	0 days	0 days	1112												
1114	CON-2A-20214	Tree Survey (Omitted)	0 days	0 days	100%	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	0 days	0 days	1112												
1115	CON-2A-20215	Fence Work (Omitted)	0 days	0 days	100%	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	0 days	0 days	1112												
1116	CON-2A-20216	Underground Utilities Detection (Omitted)	0 days	0 days	100%	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	Thu 28/7/22	0 days	0 days	1112,1115,1113,1114												
1117	CON-2A-20217	Install Monitoring Points (Omitted)	0 days	0 days	100%	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	0 days	0 days	1116												
1118	CON-2A-20218	ELS (Omitted)	0 days	0 days	100%	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	0 days	0 days	1117,439,366												
1119	CON-2A-20219	Construction of RC Structures (Omitted)	0 days	0 days	100%	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	0 days	0 days	1118												
1120	CON-2A-20220	Builder's Works and Finish (Omitted)	0 days	0 days	100%	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	0 days	0 days	1119												
1121	CON-2A-20221	E&M Works (Omitted)	0 days	0 days	100%	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	0 days	0 days	1119,1120												
1122	CON-2A-20222	Rising Main (Omitted)	0 days	0 days	100%	Fri 12/1/24	Fri 12/1/24	Fri 12/1/24	Fri 12/1/24	0 days	0 days	1119FS-20 days,473												
1123	CON-2A-20230	Setting Equipment	0 days	0 days	100%	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	0 days	0 days													
1124	CON-2A-20231	Test and Commissioning (Omitted)	0 days	0 days	100%	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	Thu 1/2/24	0 days	0 days	1122,1121,1120,1102,1103												
1125		Planned Ha Tsuen Road completion Date	0 days	0 days	100%	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	Fri 28/2/25	0 days	0 days	1108,1124,154												
1126	CON-2A-30000	Detention Pond (Portion B2)	1204 days	178.7 days	100%	Fri 28/1/22	Fri 16/5/25	Fri 28/1/22	Fri 16/5/25	1 day	1 day													
1127	CON-2A-30100	Site Clearance	5 days	0 days	100%	Fri 28/1/22	Tue 1/2/22	Fri 28/1/22	Tue 1/2/22	0 days	0 days	39												
1128	CON-2A-30200	Initial Survey	7 days	0 days	100%	Wed 2/2/22	Tue 8/2/22	Wed 2/2/22	Tue 8/2/22	0 days	0 days	1127												
1129	CON-2A-30300	Tree Survey	7 days	0 days	100%	Wed 2/2/22	Tue 8/2/22	Wed 2/2/22	Tue 8/2/22	0 days	0 days	1127												
1130	CON-2A-30400	Fence Work	7 days	0 days	100%	Wed 2/2/22	Tue 8/2/22	Wed 2/2/22	Tue 8/2/22	0 days	0 days	1127												
1131	CON-2A-30500	Underground Utilities Detection	7 days	0 days	100%	Wed 2/2/22	Tue 8/2/22	Wed 2/2/22	Tue 8/2/22	0 days	0 days	1127												
1132	CON-2A-30600	Install Monitoring Points	14 days	0 days	100%	Wed 9/2/22	Tue 22/2/22	Wed 9/2/22	Tue 22/2/22	0 days	0 days	1128,1129,1130,1131												
1133	CON-2A-30700	Excavation to Bottom Level & Cut Slope (Heavy Metal Treatment Area) (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	445,1132,1182												
1134	CON-2A-30710	Excavation to Bottom Level & Cut Slope (Hydrocarbon Treatment Area) (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	1133												
1135	CON-2A-30800	Laying 1st Layer of Granular Material with Geotextile Filter (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	1134												
1136	CON-2A-30900	Laying 2nd Layer of Granular Material with Geotextile Filter (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	1135												
1137	CON-2A-31000	300 u-channel at +17.2mPD (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	1136												
1138	CON-2A-31100	Construction of Toe Block & Outlet Chamber	150 days	0 days	100%	Mon 20/2/23	Wed 19/7/23	Mon 20/2/23	Wed 19/7/23	0 days	0 days	1153,1132												
1139	CON-2A-31200	Laying Granular Material with Geotextile Filter on Slope (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	1137												
1140	CON-2A-31300	Laying 150mm thk. Cast In-situ Cellular Reinforced Paving (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	1139												
1141	CON-2A-31400	Install Drainage Trunk Main No.1 & No.2 (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	1140												
1142	CON-2A-31500	Access Road from +17.2mPD to Top (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	1137,1141												
1143	CON-2A-31600	Construction of 1650 drain pipe connecting to outlet chamber	100 days	0 days	100%	Thu 20/7/23	Fri 27/10/23	Thu 20/7/23	Fri 27/10/23	0 days	0 days	1138												
1144	CON-2A-31700	Construction of 1650 drain pipe st downstream to detention pond	154 days	0 days	100%	Tue 26/3/24	Mon 26/8/24	Tue 26/3/24	Mon 26/8/24	0 days	0 days	1143FS+150 days												
1145	CON-2A-31800	150 U-channel & Concrete Slab on Top Level around the Pond (Omitted)	0 days	0 days	100%	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	Tue 23/4/24	0 days	0 days	1142												
1146	CON-2A-31810	Rehabilitation of the Existing Ditch at Downstream of Detention Pond (PMI 227)	120 days	60 days	50%	Thu 26/12/24	Thu 24/4/25	Thu 26/12/24	Fri 16/5/25	21 days	22 days													
1147	CON-2A-31900	Demolition of the Existing Shelter and Formation of a Temporary Access for the Existing Business Undertakings near Detention Pond (PMI 224)	14 days	0 days	100%	Mon 4/11/24	Sun 17/11/24	Mon 4/11/24	Sun 17/11/24	0 days	0 days													

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Contract No. YL/2020/03  
Hung Shui Kiu/Ha Tsuen New Development Area Stage 1 Works -  
Site Formation and Engineering Infrastructure

Revised Programme Rev.12  
(Feb 2025)

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D	
1191	CON-2A-40000	Road D1 (Decontamination works refer to Site 3-6, 3-7 and 3-8)	870 days	198.62 days	85%	Thu 29/12/22	Fri 16/5/25	Thu 29/12/22	Sat 16/5/26	365 days	365 days														
1192	CON-2A-40100	Soldier Pile Wall (Omitted)	0 days	0 days	100%	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	0 days	0 days														
1193	CON-2A-40110	Working platform (Omitted)	0 days	0 days	100%	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	0 days	0 days	55													
1194	CON-2A-40120	Pre-drilling (Omitted)	0 days	0 days	100%	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	0 days	0 days	1193													
1195	CON-2A-40130	Soldier Pile (Omitted)	0 days	0 days	100%	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	0 days	0 days	1194													
1196	CON-2A-40140	Lagging Wall & Capping Beam (Omitted)	0 days	0 days	100%	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	0 days	0 days	1195													
1197	CON-2A-40150	Mass Concrete Retaining Wall (Omitted)	0 days	0 days	100%	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	0 days	0 days	1196													
1198	CON-2A-40160	Remove Working platform and trim to Formation Level (Omitted)	0 days	0 days	100%	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	Sat 24/8/24	0 days	0 days	1197													
1199	CON-2A-40170	Cut the existing slope Along Road D1 (PMI 234)	30 days	30 days	0%	Fri 7/3/25	Sat 5/4/25	Thu 17/4/25	Fri 16/5/25	41 days	41 days	1312FS+14 days													
1200	CON-2A-41000	Road D1 North Eastern Portion (Next to Site 3-7, D1+320 to D1+511)	283 days	73.53 days	82%	Sat 20/7/24	Mon 28/4/25	Sat 20/7/24	Sat 16/5/26	383 days	383 days														
1201	CON-2A-41100	Northbound	237 days	43.4 days	100%	Sat 20/7/24	Thu 13/3/25	Sat 20/7/24	Sat 16/5/26	429 days	429 days														
1202	CON-2A-41110	Earthwork	237 days	43.4 days	100%	Sat 20/7/24	Thu 13/3/25	Sat 20/7/24	Sat 16/5/26	429 days	429 days														
1203	CON-2A-41111	Removal of additional Concrete Pavement within HSK CIF	20 days	0 days	100%	Sat 20/7/24	Thu 8/8/24	Sat 20/7/24	Thu 8/8/24	0 days	0 days	518													
1204	CON-2A-41113	Sewerage (Omitted)	0 days	0 days	100%	Thu 8/8/24	Thu 8/8/24	Thu 8/8/24	Thu 8/8/24	0 days	0 days	162,407,410,1203													
1205	CON-2A-41114	Backfilling & Compaction to Formation	217 days	43.4 days	80%	Fri 9/8/24	Thu 13/3/25	Fri 9/8/24	Sat 16/5/26	429 days	429 days	1204													
1206	CON-2A-41115	Drainage	0 days	0 days	100%	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	0 days	0 days	1205													
1207	CON-2A-41116	Waterpipe Installation (Omitted)	0 days	0 days	100%	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	0 days	0 days	404,1206													
1208	CON-2A-41117	Surface Drainage (Omitted)	0 days	0 days	100%	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	0 days	0 days	1205,1206													
1209	CON-2A-41200	Southbound	237 days	40.82 days	81%	Sat 20/7/24	Thu 13/3/25	Sat 20/7/24	Sat 16/5/26	429 days	429 days														
1210	CON-2A-41210	Earthwork	237 days	40.82 days	81%	Sat 20/7/24	Thu 13/3/25	Sat 20/7/24	Sat 16/5/26	429 days	429 days														
1211	CON-2A-41211	Removal of additional Concrete Pavement within HSK CIF	20 days	0 days	100%	Sat 20/7/24	Thu 8/8/24	Sat 20/7/24	Thu 8/8/24	0 days	0 days	518													
1212	CON-2A-41212	Demolition and Disposal of a CLP Transformer Room (PMI 073)	15 days	0 days	100%	Fri 9/8/24	Fri 23/8/24	Fri 9/8/24	Fri 23/8/24	0 days	0 days	1211													
1213	CON-2A-41213	Backfilling & Compaction to Formation	217 days	43.4 days	80%	Fri 9/8/24	Thu 13/3/25	Fri 9/8/24	Sat 16/5/26	429 days	429 days	1211													
1214	CON-2A-41214	Drainage (Omitted)	0 days	0 days	100%	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	0 days	0 days	1213													
1215	CON-2A-41215	Surface Drainage (Omitted)	0 days	0 days	100%	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	0 days	0 days	1213,1214													
1216	CON-2A-41300	Utilities (Omitted)	0 days	0 days	100%	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	0 days	0 days	426,1207,1214													
1217	CON-2A-41400	Road Work (Omitted)	0 days	0 days	100%	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	0 days	0 days	426,1216													
1218	CON-2A-41500	Road Lighting (Omitted)	0 days	0 days	100%	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	0 days	0 days	458,1217													
1219	CON-2A-41600	Landscaping Work (Omitted)	0 days	0 days	100%	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	Thu 13/3/25	0 days	0 days	462,1217,1208,1215													
1220	CON-2A-41710	Trapezodial Channel	37 days	37 days	0%	Sun 23/3/25	Mon 28/4/25	Thu 10/4/25	Fri 16/5/25	18 days	18 days	1221SS+14 days													
1221	CON-2A-41720	Surface U-channel	36 days	36 days	0%	Sun 9/3/25	Sun 13/4/25	Thu 27/3/25	Thu 1/5/25	0 days	18 days	1222													
1222	CON-2A-41730	Dia. 450mm Drain Pipe	25 days	0 days	100%	Wed 12/2/25	Sat 8/3/25	Wed 12/2/25	Sat 8/3/25	0 days	0 days	1205FS-30 days,1213FS-30													
1223	CON-2A-41740	Dia. 1650mm Drain Pipe	28 days	0 days	100%	Sun 17/11/24	Sat 14/12/24	Sun 17/11/24	Sat 14/12/24	0 days	0 days	1205FS-117 days,1212													
1224	CON-2A-42000	Road D1 Central Portion (Next to Site 3-8, D1+170 to D1+320)	178 days	92.82 days	100%	Wed 20/11/24	Fri 16/5/25	Wed 20/11/24	Fri 16/5/25	0 days	0 days														
1225	CON-2A-42100	Northbound	48 days	0 days	100%	Wed 20/11/24	Mon 6/1/25	Wed 20/11/24	Mon 6/1/25	0 days	0 days														
1226	CON-2A-42110	Earthwork	48 days	0 days	100%	Wed 20/11/24	Mon 6/1/25	Wed 20/11/24	Mon 6/1/25	0 days	0 days														
1227	CON-2A-42111	Removal of additional Concrete Pavement within HSK CIF	18 days	0 days	100%	Wed 20/11/24	Sat 7/12/24	Wed 20/11/24	Sat 7/12/24	0 days	0 days	780													
1228	CON-2A-42112	Sewerage (Omitted)	0 days	0 days	100%	Sat 7/12/24	Sat 7/12/24	Sat 7/12/24	Sat 7/12/24	0 days	0 days	1227,162,407,410													
1229	CON-2A-42113	Drainage (Omitted)	0 days	0 days	100%	Sat 7/12/24	Sat 7/12/24	Sat 7/12/24	Sat 7/12/24	0 days	0 days	1228													
1230	CON-2A-42114	Waterpipe Installation (Omitted)	0 days	0 days	100%	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	0 days	0 days	404,1229SS+30 days													
1231	CON-2A-42115	Surface Drainage (Omitted)	0 days	0 days	100%	Sat 7/12/24	Sat 7/12/24	Sat 7/12/24	Sat 7/12/24	0 days	0 days	1228,1229													
1232	CON-2A-42200	Southbound	20 days	0 days	100%	Sun 8/12/24	Fri 27/12/24	Sun 8/12/24	Fri 27/12/24	0 days	0 days														
1233	CON-2A-42210	Earthwork	20 days	0 days	100%	Sun 8/12/24	Fri 27/12/24	Sun 8/12/24	Fri 27/12/24	0 days	0 days														

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D
1234	CON-2A-42211	Removal of additional Concrete Pavement within HSK CIF	20 days	0 days	100%	Sun 8/12/24	Fri 27/12/24	Sun 8/12/24	Fri 27/12/24	0 days	0 days	1227												
1235	CON-2A-42221	Drainage (omitted)	0 days	0 days	100%	Fri 27/12/24	Fri 27/12/24	Fri 27/12/24	Fri 27/12/24	0 days	0 days	1234,162,407,410,1228SS+												
1236	CON-2A-42222	Surface Drainage (omitted)	0 days	0 days	100%	Fri 27/12/24	Fri 27/12/24	Fri 27/12/24	Fri 27/12/24	0 days	0 days	1235												
1237	CON-2A-42400	Utilities (Omitted)	0 days	0 days	100%	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	0 days	0 days	426,1230												
1238	CON-2A-42500	Road Work (Omitted)	0 days	0 days	100%	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	0 days	0 days	1237,426,1235,1230												
1239	CON-2A-42600	Road Lighting (Omitted)	0 days	0 days	100%	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	0 days	0 days	1238,458												
1240	CON-2A-42700	Landscaping Work (Omitted)	0 days	0 days	100%	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	Mon 6/1/25	0 days	0 days	1238,462,1198,1231,1236												
1241	CON-2A-42810	Temporary Road coonecting Road L51 to KPLR	40 days	0 days	100%	Thu 26/12/24	Mon 3/2/25	Thu 26/12/24	Mon 3/2/25	0 days	0 days	1227,1234,1223												
1242	CON-2A-42820	Trapezodial Channel and dia. 450mm drainage	40 days	40 days	0%	Fri 21/2/25	Tue 1/4/25	Fri 21/2/25	Tue 1/4/25	0 days	0 days	1241,1312												
1243	CON-2A-42830	Interface work with KSWH, site 3-8 and temporary road	45 days	45 days	0%	Wed 2/4/25	Fri 16/5/25	Wed 2/4/25	Fri 16/5/25	0 days	0 days	1242												
1244	CON-2A-40300	Road D1 South Western Portion (Next Site 3-8, D1+000 to CHA0+170)	870 days	119 days	100%	Thu 29/12/22	Fri 16/5/25	Thu 29/12/22	Fri 16/5/25	0 days	0 days													
1245	CON-2A-40310	Box Culvert Construction (with Extension for Public Road Arrangement)	153 days	0 days	100%	Thu 29/12/22	Tue 30/5/23	Thu 29/12/22	Tue 30/5/23	0 days	0 days													
1246	CON-2A-40350	RC Structure Construction	125 days	0 days	100%	Thu 29/12/22	Tue 2/5/23	Thu 29/12/22	Tue 2/5/23	0 days	0 days													
1247	CON-2A-40351	Base Slab	40 days	0 days	100%	Thu 29/12/22	Mon 6/2/23	Thu 29/12/22	Mon 6/2/23	0 days	0 days													
1248	CON-2A-40352	Wall	40 days	0 days	100%	Tue 7/2/23	Sat 18/3/23	Tue 7/2/23	Sat 18/3/23	0 days	0 days	1247												
1249	CON-2A-40353	Top Slab	45 days	0 days	100%	Sun 19/3/23	Tue 2/5/23	Sun 19/3/23	Tue 2/5/23	0 days	0 days	1248												
1250	CON-2A-40380	Installation of drain pipe from existing manhole to box culvert	28 days	0 days	100%	Wed 3/5/23	Tue 30/5/23	Wed 3/5/23	Tue 30/5/23	0 days	0 days													
1251	CON-2A-40382	Installation of drain pipe	14 days	0 days	100%	Wed 3/5/23	Tue 16/5/23	Wed 3/5/23	Tue 16/5/23	0 days	0 days	1249												
1252	CON-2A-40383	Backfilling to Formation	14 days	0 days	100%	Wed 17/5/23	Tue 30/5/23	Wed 17/5/23	Tue 30/5/23	0 days	0 days	1251												
1253	CON-2A-43100	Northbound	659 days	71.54 days	0%	Tue 6/6/23	Tue 25/3/25	Tue 6/6/23	Tue 25/3/25	0 days	0 days													
1254	CON-2A-43110	Earthwork	659 days	71.54 days	0%	Tue 6/6/23	Tue 25/3/25	Tue 6/6/23	Tue 25/3/25	0 days	0 days													
1255	CON-2A-43111	Sewerage	180 days	0 days	100%	Tue 6/6/23	Sat 2/12/23	Tue 6/6/23	Sat 2/12/23	0 days	0 days	162,407,410,765												
1256	CON-2A-43112	Backfilling & Compaction to Formation	120 days	0 days	100%	Thu 6/7/23	Thu 2/11/23	Thu 6/7/23	Thu 2/11/23	0 days	0 days	1255SS+30 days												
1257	CON-2A-43113	Drainage	120 days	0 days	100%	Sat 5/8/23	Sat 2/12/23	Sat 5/8/23	Sat 2/12/23	0 days	0 days	1256SS+30 days												
1258	CON-2A-43114	Water Pipe Installation (Omitted)	0 days	0 days	100%	Sat 2/12/23	Sat 2/12/23	Sat 2/12/23	Sat 2/12/23	0 days	0 days	404,1257												
1259	CON-2A-43115	Trimming for Fill Slope (Omitted)	0 days	0 days	100%	Thu 2/11/23	Thu 2/11/23	Thu 2/11/23	Thu 2/11/23	0 days	0 days	1256												
1260	CON-2A-43116	Surface Drainage (Omitted)	0 days	0 days	100%	Sat 2/12/23	Sat 2/12/23	Sat 2/12/23	Sat 2/12/23	0 days	0 days	1259,1257												
1261	CON-2A-43117	675 UC connection site 3-8 to road D1 (PMI 051)	26 days	26 days	0%	Fri 28/2/25	Tue 25/3/25	Fri 28/2/25	Tue 25/3/25	0 days	0 days	795,1071												
1262	CON-2A-43118	Enabling Works for Relocation of Electricity Meter Serving Highways Department's Depot (PMI 218)	7 days	0 days	100%	Mon 6/1/25	Sun 12/1/25	Mon 6/1/25	Sun 12/1/25	0 days	0 days													
1263	CON-2A-43119	Enabling Works for Relocation of Highways Department's Lighting Pillar Box near Kong Shum Western Highway Roundabout (PMI 237)	26 days	26 days	0%	Fri 28/2/25	Tue 25/3/25	Fri 28/2/25	Tue 25/3/25	0 days	0 days	795,1071												
1264	CON-2A-43200	Southbound	440 days	0 days	100%	Wed 31/5/23	Mon 12/8/24	Wed 31/5/23	Mon 12/8/24	0 days	0 days													
1265	CON-2A-43210	Earthwork	440 days	0 days	100%	Wed 31/5/23	Mon 12/8/24	Wed 31/5/23	Mon 12/8/24	0 days	0 days													
1266	CON-2A-43211	Backfilling & Compaction to Formation	60 days	0 days	100%	Wed 31/5/23	Sat 29/7/23	Wed 31/5/23	Sat 29/7/23	0 days	0 days	1252												
1267	CON-2A-43213	Drainage (Omitted)	0 days	0 days	100%	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	0 days	0 days	1266,772,743												
1268	CON-2A-43214	Trimming for Fill Slope (Omitted)	0 days	0 days	100%	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	0 days	0 days	1266,1267												
1269	CON-2A-43215	Surface Drainage (Omitted)	0 days	0 days	100%	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	0 days	0 days	1267,1268												
1270	CON-2A-43300	Band Drain for Pond Deposit	172 days	0 days	100%	Mon 27/11/23	Thu 16/5/24	Mon 27/11/23	Thu 16/5/24	0 days	0 days													
1271	CON-2A-43310	Site Set Up	14 days	0 days	100%	Mon 27/11/23	Sun 10/12/23	Mon 27/11/23	Sun 10/12/23	0 days	0 days													
1272	CON-2A-43320	Setting Out	2 days	0 days	100%	Mon 11/12/23	Tue 12/12/23	Mon 11/12/23	Tue 12/12/23	0 days	0 days	1271												
1273	CON-2A-43330	Installation of Vertical Drain by 50Ton Band Drain Machine	36 days	0 days	100%	Wed 13/12/23	Wed 17/1/24	Wed 13/12/23	Wed 17/1/24	0 days	0 days	1272												
1274	CON-2A-43360	Monitoring for settlement	120 days	0 days	100%	Thu 18/1/24	Thu 16/5/24	Thu 18/1/24	Thu 16/5/24	0 days	0 days	1273												
1275	CON-2A-43400	Utilities (Omitted)	0 days	0 days	100%	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	0 days	0 days	426,1258,1269,1274												
1276	CON-2A-43500	Road Work (Omitted)	0 days	0 days	100%	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	0 days	0 days	1275,426,1260,1269												

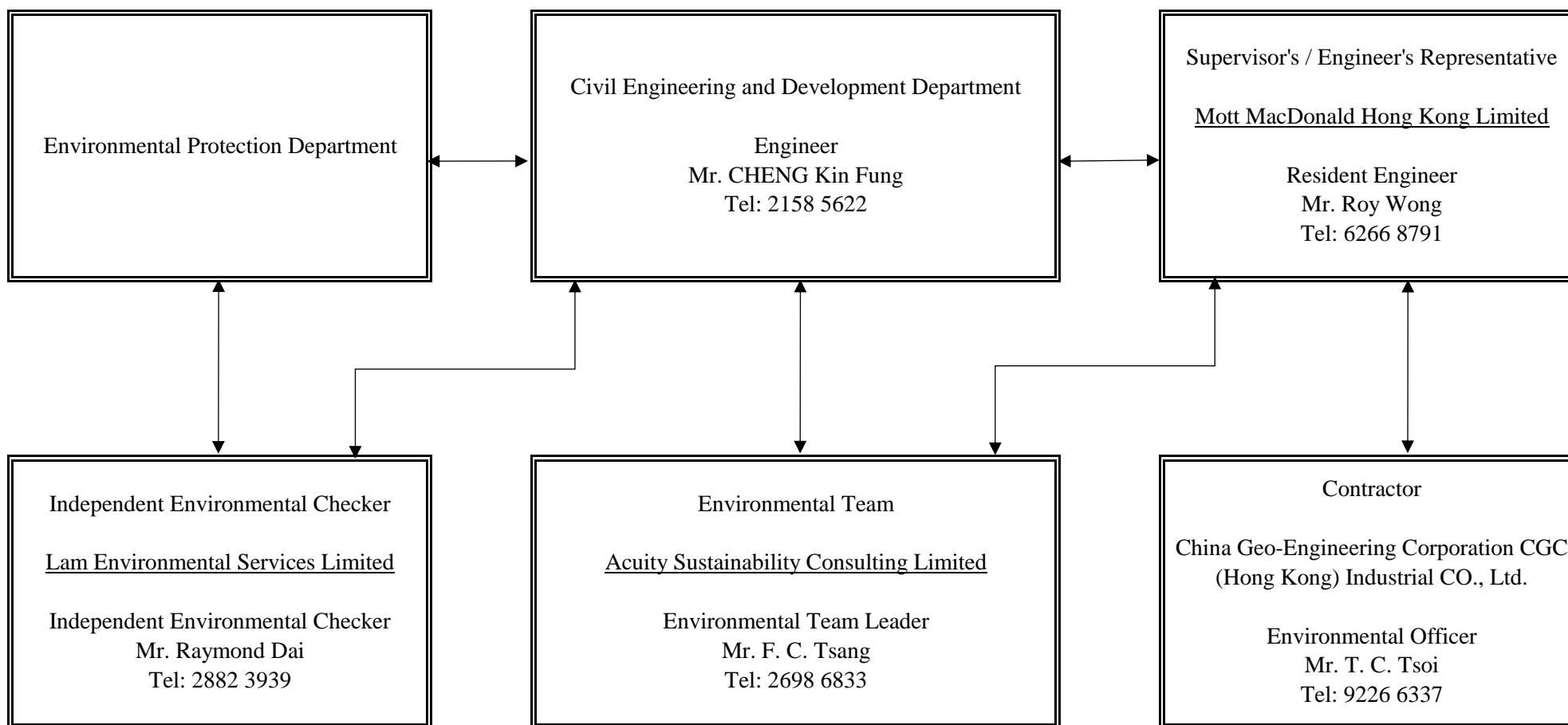
ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors
1277	CON-2A-43600	Landscaping Work (Omitted)	0 days	0 days	100%	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	0 days	0 days	1276,458
1278	CON-2A-43700	Road Lighting (Omitted)	0 days	0 days	100%	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	Mon 12/8/24	0 days	0 days	1276,462
1279	CON-2A-43800	Temporary Road diverting KPLR	40 days	0 days	100%	Mon 16/9/24	Fri 25/10/24	Mon 16/9/24	Fri 25/10/24	0 days	0 days	1274FS+122 days,1266,125
1280	CON-2A-43810	Backfilling to road level connecting ot KSWH	26 days	26 days	0%	Sun 23/2/25	Thu 20/3/25	Sun 23/2/25	Thu 20/3/25	0 days	0 days	125,1071,1279FS+120 days
1281	CON-2A-43900	Trapezodial Channel and surface channel	30 days	30 days	0%	Fri 21/3/25	Sat 19/4/25	Fri 21/3/25	Sat 19/4/25	0 days	0 days	1280,1261FS-5 days,1263F
1282	CON-2A-43910	Interface work with KSWH, site 3-8 and temporary road	27 days	27 days	0%	Sun 20/4/25	Fri 16/5/25	Sun 20/4/25	Fri 16/5/25	0 days	0 days	1281
1283		Planned Road D1 Completion Date	0 days	0 days	0%	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	0 days	0 days	1278,1240,1219,1218,1239
1284	CON-2A-50000	Road L51 (Decontamination works refer to Section 3-7 and 3-8)	1176 days	315.23 days	75%	Fri 25/2/22	Fri 16/5/25	Fri 25/2/22	Fri 16/5/25	0 days	0 days	
1285	CON-2A-50100	Bored Pile Wall (18 Piles)	798 days	115.73 days	100%	Sat 11/3/23	Fri 16/5/25	Sat 11/3/23	Fri 16/5/25	0 days	0 days	
1286	CON-2A-50110	Working platform for Bored Pile Equipment	14 days	0 days	100%	Sat 11/3/23	Fri 24/3/23	Sat 11/3/23	Fri 24/3/23	0 days	0 days	
1287	CON-2A-50120	Mobilization and Setup of Equipment	7 days	0 days	100%	Sat 25/3/23	Fri 31/3/23	Sat 25/3/23	Fri 31/3/23	0 days	0 days	1286
1288	CON-2A-50130	Bored Piles φ1500 18Nr	140 days	0 days	100%	Sat 1/4/23	Fri 18/8/23	Sat 1/4/23	Fri 18/8/23	0 days	0 days	1287
1289	CON-2A-50131	Proof drill and Sonic Test	30 days	0 days	100%	Fri 1/9/23	Sat 30/9/23	Fri 1/9/23	Sat 30/9/23	0 days	0 days	1288
1290	CON-2A-50132	Full core	8 days	0 days	100%	Sun 1/10/23	Sun 8/10/23	Sun 1/10/23	Sun 8/10/23	0 days	0 days	1289
1291	CON-2A-50140	Hacking Pile Head Rebar	90 days	0 days	100%	Mon 9/10/23	Sat 6/1/24	Mon 9/10/23	Sat 6/1/24	0 days	0 days	1290
1292	CON-2A-50141	Capping Beam	100 days	0 days	100%	Sun 7/1/24	Mon 15/4/24	Sun 7/1/24	Mon 15/4/24	0 days	0 days	1291
1293	CON-2A-50142	Lagging Wall	150 days	0 days	100%	Tue 16/4/24	Thu 12/9/24	Tue 16/4/24	Thu 12/9/24	0 days	0 days	1292
1294	CON-2A-50150	L-shape Retaining Wall (Bay C1, C2 and C3)	60 days	0 days	100%	Sat 24/8/24	Tue 22/10/24	Sat 24/8/24	Tue 22/10/24	0 days	0 days	1293SS+130 days
1295	CON-2A-50151	Mass Concrete Retaining Wall (Bay D1)	20 days	0 days	100%	Wed 23/10/24	Mon 11/11/24	Wed 23/10/24	Mon 11/11/24	0 days	0 days	1294
1296	CON-2A-50152	Design Proposal for Construction of Wall Finishes of Retaining Wall RL51_RW1 along the Proposed L51 (PMI 236)	75 days	75 days	0%	Mon 3/3/25	Fri 16/5/25	Mon 3/3/25	Fri 16/5/25	0 days	0 days	1295,1310FS+10 days
1297	CON-2A-50153	Updated Drainage System for Retaining Wall and Slope Drain at Road L51 (PMI 235, PMI 219)	30 days	30 days	0%	Fri 7/3/25	Sat 5/4/25	Thu 17/4/25	Fri 16/5/25	41 days	41 days	1310FS+14 days
1298	CON-2A-50200	Site Formation	156 days	79.32 days	52%	Tue 12/11/24	Wed 16/4/25	Tue 12/11/24	Fri 16/5/25	30 days	30 days	
1299	CON-2A-50210	Earthwork	47 days	0 days	100%	Tue 12/11/24	Sat 28/12/24	Tue 12/11/24	Sat 28/12/24	0 days	0 days	
1300	CON-2A-50211	Excavation to Formation	40 days	0 days	100%	Tue 12/11/24	Sat 21/12/24	Tue 12/11/24	Sat 21/12/24	0 days	0 days	647,1293,1295
1301	CON-2A-50212	Backfilling & Compaction for Fill Slope	40 days	0 days	100%	Tue 12/11/24	Sat 21/12/24	Tue 12/11/24	Sat 21/12/24	0 days	0 days	647,1293,1295
1302	CON-2A-50213	Trimming for Fill Slope	7 days	0 days	100%	Sun 22/12/24	Sat 28/12/24	Sun 22/12/24	Sat 28/12/24	0 days	0 days	1301,1300
1303	CON-2A-50220	Trimming for Fill Slope	45 days	45 days	0%	Mon 3/3/25	Wed 16/4/25	Wed 2/4/25	Fri 16/5/25	30 days	30 days	
1304	CON-2A-50221	At Road Level	45 days	45 days	0%	Mon 3/3/25	Wed 16/4/25	Wed 2/4/25	Fri 16/5/25	30 days	30 days	1302,1310FS+10 days
1305	CON-2A-50222	At Capping Beam Level	45 days	45 days	0%	Mon 3/3/25	Wed 16/4/25	Wed 2/4/25	Fri 16/5/25	30 days	30 days	1302,1310FS+10 days
1306	CON-2A-50300	Drainage	35 days	0 days	100%	Wed 8/1/25	Tue 11/2/25	Wed 8/1/25	Tue 11/2/25	0 days	0 days	162,407,410,1307FS-10 days
1307	CON-2A-50310	Installation of DN1000 HDPE pipe inside the uncharted box Culvert at Kai Pak Ling Road near road L51 (PMI 094)	10 days	0 days	100%	Wed 8/1/25	Fri 17/1/25	Wed 8/1/25	Fri 17/1/25	0 days	0 days	591FS+103 days,1302FS+10 days
1308	CON-2A-50400	Water Pipe Installation on Footpath (Omitted)	0 days	0 days	100%	Fri 25/2/22	Fri 25/2/22	Fri 25/2/22	Fri 25/2/22	0 days	0 days	426,404
1309	CON-2A-50500	Utilities (Omitted)	0 days	0 days	100%	Fri 25/2/22	Fri 25/2/22	Fri 25/2/22	Fri 25/2/22	0 days	0 days	404,426
1310	CON-2A-50610	Road Work with Temporary Lighting	15 days	3 days	80%	Thu 6/2/25	Thu 20/2/25	Thu 6/2/25	Thu 20/2/25	0 days	0 days	1306FS-6 days
1311	CON-2A-50620	Dia. 450mm drainage	8 days	0 days	100%	Thu 6/2/25	Thu 13/2/25	Thu 6/2/25	Thu 13/2/25	0 days	0 days	1306FS-6 days
1312	CON-2A-50630	Temproary Road with Temporary Lighting	7 days	1.4 days	80%	Fri 14/2/25	Thu 20/2/25	Fri 14/2/25	Thu 20/2/25	0 days	0 days	1311
1313	CON-2A-50640	Trapezodial Channel	31 days	31 days	0%	Fri 21/2/25	Sun 23/3/25	Fri 21/2/25	Sun 23/3/25	0 days	0 days	1312
1314	CON-2A-50650	Interface work with KPLR, Site 3-7, Site 3-8 and temporary road	54 days	54 days	0%	Mon 24/3/25	Fri 16/5/25	Mon 24/3/25	Fri 16/5/25	0 days	0 days	1313
1315	CON-2A-50700	Road Lighting (Omitted)	0 days	0 days	100%	Thu 31/8/23	Thu 31/8/23	Thu 31/8/23	Thu 31/8/23	0 days	0 days	458
1316	CON-2A-50800	Landscaping Work (Omitted)	0 days	0 days	100%	Sun 19/3/23	Sun 19/3/23	Sun 19/3/23	Sun 19/3/23	0 days	0 days	462
1317		Planned Road L51 Completion Date	0 days	0 days	0%	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	0 days	0 days	1310,1312,1316,1309,1304
1318	CON-2A-60100	Fung Kong Tsuen Road and Lau Fau Shan Sewerage (Portion A5)	365 days	182.5 days	50%	Fri 17/5/24	Fri 16/5/25	Fri 17/5/24	Fri 16/5/25	0 days	0 days	1044
1319	CON-2A-60200	Boulder Removal of Boulder No. A16 within Natural Terrain Hazard Study Area	240 days	120 days	50%	Thu 29/8/24	Fri 25/4/25	Thu 29/8/24	Fri 16/5/25	21 days	21 days	423FS+80 days

ID	Activity ID	Task Name	Duration	Remaining Duration	% Work Complete	Start	Finish	Late Start	Late Finish	Free Slack	Total Slack	Predecessors	2021 A   M   J	Half 2, 2021 J   A   S   O   N   D	Half 1, 2022 J   F   M   A   M   J	Half 2, 2022 J   A   S   O   N   D	Half 1, 2023 J   F   M   A   M   J	Half 2, 2023 J   A   S   O   N   D	Half 1, 2024 J   F   M   A   M   J	Half 2, 2024 J   A   S   O   N   D	Half 1, 2025 J   F   M   A   M   J	Half 2, 2025 J   A   S   O   N   D	Half 1, 2026 J   F   M   A   M   J	Half 2, 2026 J   A   S   O   N   D
1320	CON-2A-60300	Site Clearance within the Working Area near the Junction between Kai Pak Ling Road and Fung Kong Tsuen Road (PMI 208, 209, 216)	60 days	60 days	0%	Tue 15/10/24	Fri 13/12/24	Mon 27/1/25	Thu 27/3/25	100 days	104 days													
1321	CON-2A-60400	Site Formation Works for Refuse Collection Point at Fung Kong Tsuen (PMI 246)	50 days	50 days	0%	Mon 24/3/25	Mon 12/5/25	Fri 28/3/25	Fri 16/5/25	4 days	4 days	1320												
1322	CON-2A-90000	Planned Completion of Section 2A	0 days	0 days	0%	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	Fri 16/5/25	0 days	0 days	1315,1140,1071,1125,1099												
1323		Section 2B	365 days	365 days	0%	Sat 17/5/25	Sat 16/5/26	Sat 17/5/25	Sat 16/5/26	0 days	0 days													
1324	CON-2B-10000	Landscape Softworks and Establishment works under this contract except the corresponding parts to be covered in section 1B of the works	365 days	365 days	0%	Sat 17/5/25	Sat 16/5/26	Sat 17/5/25	Sat 16/5/26	0 days	0 days	1322												
1325	CON-2B-20000	Planned Completion of Section 2B	0 days	0 days	0%	Sat 16/5/26	Sat 16/5/26	Sat 16/5/26	Sat 16/5/26	0 days	0 days	1324												

## Appendix B

### Project Organization Chart

## Project Organization Chart



↔ Link of Communication

## Appendix C

### Project Implementation Schedule (PIS)

## Environmental Mitigation Implementation Schedule (EMIS)

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
<b>Air Quality</b>						
S4.10	Watering once per hour on active works areas, exposed areas and unpaved haul roads to reduce dust emission	To minimize the dust impact	Contractor	Construction Phase	<ul style="list-style-type: none"> <li>• Air Pollution Control Ordinance (APCO)</li> <li>• To control the dust impact to meet HKAQO and TM-EIAO criteria</li> </ul>	Implemented after reminder was recorded during inspection.
	The active construction works area should be reduced to one-third of monthly average work of the respective Work Contract so as to alleviate adverse dust impact.					Implemented
	When there are open excavation and spoil handling works, hoarding of 3m high should be provided along the construction site boundary adjacent to the non-construction areas such as residential, educational institutes or recreation area in use so as to minimize the dust impact.					To be Implemented
	Dust suppression measures stipulated in Air Pollution Control (Construction Dust) Regulation and good site practices: <ul style="list-style-type: none"> <li>• Use of regular watering to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather.</li> <li>• Use of frequent watering for particularly dusty construction areas and areas close to Air Sensitive Receivers (ASRs).</li> <li>• Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering shall be applied to aggregate fines.</li> <li>• Open stockpiles shall be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs.</li> </ul>				<ul style="list-style-type: none"> <li>• Air Pollution Control (Construction Dust) Ordinance (APCO)</li> <li>• To control the dust impact to meet HKAQO and TM-EIAO criteria</li> </ul>	Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	<ul style="list-style-type: none"> <li>Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations.</li> <li>Establishment and use of vehicle wheel and body washing facilities at the exit points of the site.</li> <li>Provision of wind shield and dust extraction units or similar dust mitigation measures at the loading area of barging point, and use of water sprinklers at the loading area where dust generation is likely during the loading process of loose material, particularly in dry seasons/ periods.</li> <li>Provision of not less than 2.4m high hoarding from ground level along site boundary where adjoins a road, streets or other accessible to the public except for a site entrance or exit. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period.</li> <li>Imposition of speed controls for vehicles on site haul roads.</li> <li>Where possible, routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs.</li> <li>Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides.</li> </ul>					
<b>Construction Noise</b>						

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
S5.13	Use of quiet plant which should be made reference to the Powered Mechanical Equipment (PME) listed in the Technical Memorandum or the Quality Powered Mechanical Equipment (QPME) / other commonly used PME listed in Environmental Protection Department (EPD) web pages as far as possible which includes the Sound Power Level (SWLs) for specific quiet PME.	Reduce the noise levels of plant items	Contractor	Construction Phase	EIAO-TM	Implemented
S5.13	Install movable noise barrier and enclosures. The movable noise barrier can provide 5 dB(A) noise reduction for mobile plant and 10 dB(A) noise reduction for static plant. The barrier material shall have a surface mass of not less than 14 kg/m2. The enclosures can provide 15 dB(A) noise reduction.	Screen the noisy plant items to be used at all construction sites				To be implemented
S5.13	Proper workfront management and proper grouping of PME during construction activities operated at the critical work areas.	Reduce the construction noise impact				Implemented
S5.13	Maintain the recommended minimum separation between the schools and the critical works areas during examination periods.					N/A
S5.13	<u>Good Site Management Practices</u> <ul style="list-style-type: none"> <li>only well-maintained plant should be operated on-site, and plant should be serviced regularly during the construction programme;</li> <li>machines and plant (such as trucks and cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum;</li> <li>plant known to emit noise strongly in one direction, where possible, be orientated so that the noise is directed away from nearby NSRs</li> <li>silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works</li> <li>mobile plant should be sited as far away from NSRs as possible and practicable; and</li> </ul>	Control construction airborne noise				Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	<ul style="list-style-type: none"><li>material stockpiles, site offices and other structures should be effectively utilized, where practicable, to screen noise from on-site construction activities.</li></ul>					
S5.13	Liaison with the school representative(s) to obtain the examination schedule so as to avoid noisy construction activities during school examination period.					N/A
S5.13	Set up a liaison group among CEDD, relevant government departments, contractors of the Works contracts, etc. during construction phase of the Project to ensure proper implementation of mitigation measures.					To be implemented
<b>Water Quality</b>						
S6.11	Surface run-off from construction sites should be discharged into stormwater drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sedimentation basins. Channels/earth bunds/sandbag barriers should be provided on site to properly direct stormwater to such silt removal facilities. 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. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks.	To minimise impact from construction site run-off	Contractor	Construction Phase	<ul style="list-style-type: none"><li>Water Pollution Control Ordinance (WPCO), Technical Memorandum on EIA Ordinance (EIAO-TM), ProPECC PN 1/94,</li><li>Technical Memorandum on Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters (TM-DSS)</li></ul>	Implemented after reminder was recorded during inspection.
S6.11	Silt removal facilities, channels and manholes should be maintained, and the deposited silt and grit should be removed regularly, at the onset of and after each rainstorm to prevent local flooding. Any practical options for the diversion and re-alignment of drainage should comply with both engineering and environmental requirements in order to provide adequate hydraulic capacity of all drains.					Implemented
S6.11	Construction works should be programmed to minimise soil excavation works in rainy seasons (April to September). If excavation in soil cannot be avoided in these months or at any time of year when rainstorms are likely, for the purpose of					Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	preventing soil erosion, temporary exposed slope surfaces should be covered e.g. by tarpaulin, and temporary access roads should be protected by crushed stone or gravel, as excavation proceeds. Intercepting channels should be provided (e.g., along the crest / edge of excavation) to prevent stormwater run-off from washing across exposed soil surfaces. Arrangements should always be in place in such a way that adequate surface protection measures can be safely carried out well before the arrival of a rainstorm.					
S6.11	Earthworks final surfaces should be well compacted, and the subsequent permanent work or surface protection should be carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms. Appropriate drainage like intercepting channels should be provided where necessary.					To be implemented
S6.11	Measures should be taken to minimize the ingress of rainwater into trenches. If excavation of trenches in wet seasons is necessary, they should be dug and backfilled in short sections. Rainwater pumped out from trenches or foundation excavations should be discharged into stormwater drains via silt removal facilities.					N/A
S6.11	Open stockpiles of construction materials (e.g., aggregates, sand and fill material) on sites should be covered with tarpaulin or similar fabric during rainstorms.					Implemented
S6.11	Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent stormwater run-off from getting into foul sewers. Discharge of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.					Implemented
S6.11	Good site practices should be adopted to remove rubbish and litter from construction sites so as to prevent the rubbish and					Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	litter from spreading from the site area. It is recommended to clean the construction sites on a regular basis.					
S6.11	Water used in ground boring and drilling for site investigation or rock / soil anchoring should as far as practicable be re-circulated after sedimentation. When there is a need for final disposal, the wastewater should be discharged into stormwater drains via silt removal facilities.	To minimise impact from boring and drilling water				N/A
S6.11	All vehicles and plants should be cleaned before they leave a construction site to minimise the deposition of earth, mud, debris on roads. A wheel washing bay should be provided at every site exit if practicable and wash-water should have sand and silt settled out or removed before discharging into stormwater drains. The section of construction road between the wheel washing bay and the public road should be paved with backfall to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	To minimise impact from wheel washing water				Implemented
S6.11	Acidic wastewater generated from acid cleaning, etching, pickling and similar activities should be neutralised to within the pH range of 6 to 10 before discharging into foul sewers.	To minimise impact from acidic wastewater				N/A
S6.11	There is a need to apply to EPD for a discharge licence for discharge of effluent from the construction site under the WPCO. The discharge quality must meet the requirements specified in the discharge licence. All the run-off and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the TM-DSS.	To minimise impact from effluent discharges				Implemented
S6.11	Beneficial uses of the treated effluent for other on-site activities such as dust suppression, wheel washing and general cleaning etc., can minimise water consumption and reduce the effluent discharge volume. If monitoring of the treated effluent quality from the works areas is required during the construction phase of the Project, the monitoring should be carried out in accordance with the relevant WPCO licence. The beneficial uses of the treated effluent for other on-site activities such as	To minimise impact from effluent discharges				Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	dust suppression, wheel washing and general cleaning etc., can minimise water consumption and reduce the effluent discharge volume. If monitoring of the treated effluent quality from the works areas is required during the construction phase of the Project, the monitoring should be carried out in accordance with the relevant WPCO licence.					
S6.11	<p>To minimise the potential water quality impacts from the construction works located near any inland watercourses, the practices outlined in ETWB TC (Works) No. 5/2005 “Protection of natural streams/rivers from adverse impacts arising from construction works” should be adopted where applicable:</p> <ul style="list-style-type: none"> <li>Impermeable sheet piles and cofferdams should be used as required to divert water flow from the construction works area so that all the construction works would be undertaken within a dry zone and physically separated from the watercourses.</li> <li>The proposed works should preferably be carried out within the dry season where the flow in the stormwater culvert/water channel/stream is low.</li> <li>The use of less or smaller construction plants may be specified in works areas close to the inland water bodies.</li> <li>Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from any watercourses during carrying out of the construction works.</li> <li>Stockpiling of construction materials and dusty materials should be covered and located away from any watercourses.</li> <li>Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nearby water receivers.</li> </ul>	To minimise impact from construction works near watercourses			<ul style="list-style-type: none"> <li>WPCO, EIAO-TM, ETWB TC9Works) No. 5/2005</li> </ul>	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	<ul style="list-style-type: none"> <li>Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the watercourses, where practicable.</li> <li>Mitigation measures to control site run-off from entering the nearby water environment should be implemented to minimise water quality impacts. Surface channels should be provided along the edge of the waterfront within the work sites to intercept the run-off.</li> <li>Construction effluent, site run-off and sewage should be properly collected and/or treated.</li> <li>Any temporary works site inside the stormwater watercourses should be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props to prevent adverse impact on the stormwater quality.</li> <li>Proper shoring may need to be erected in order to prevent soil/mud from slipping into the inland water bodies.</li> </ul>					
S6.11	<p>The key water quality measure for protection of the revitalised drainage channel water is to avoid polluted site run-off from reaching the revitalised drainage channel water. Relevant mitigation measures should follow the practices outlined in ETWB TC (Works) No. 5/2005 “Protection of natural streams / rivers from adverse impacts arising from construction works” as listed below:</p> <ul style="list-style-type: none"> <li>Impermeable sheet piles and cofferdams should be used as required to divert water flow from the construction works area so that all the construction works would be undertaken within a dry zone and physically separated from the revitalised drainage channel water.</li> <li>The proposed works should preferably be carried out within the dry season where the flow in the revitalised drainage channel is low.</li> </ul>	To minimise impact from revitalisation and greening of Drainage Channel Banks				N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	<ul style="list-style-type: none"> <li>The use of less or smaller construction plants may be specified in works areas close to the revitalised drainage channel.</li> <li>Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from the revitalised drainage channel during carrying out of the construction works.</li> <li>Stockpiling of construction materials and dusty materials should be covered and located away from the revitalised drainage channel water.</li> <li>Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nearby revitalised drainage channel.</li> <li>Construction activities, which generate large amount of wastewater, should be carried out a distance away from the revitalised drainage channel, where practicable.</li> <li>Mitigation measures to control site run-off from entering the nearby revitalised drainage channel should be implemented to minimise water quality impacts. Surface channels should be provided along the edge of the revitalised drainage channel within the work sites to intercept the run-off.</li> <li>Construction effluent, site run-off and sewage should be properly collected and/or treated.</li> <li>Any temporary works site inside the revitalised drainage channel should be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props to prevent adverse impact on the revitalised drainage channel water.</li> </ul> <p>Proper shoring may need to be erected in order to prevent soil / mud from slipping into the revitalised drainage channel.</p>					

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
S6.11	The construction method and sequence of the proposed construction in watercourses / concrete flood storage pond for works sites of DP12 should be carefully designed so that all the construction works including any excavation and pilling operations would be undertaken within a dry zone and physically separated from the watercourses downstream.	To minimise impact from construction in watercourses / concrete flood storage pond			WPCO, EIAO-TM	N/A
S6.11	Impermeable sheet pile walls or cofferdam walls or steel casing should be installed to fully enclose the construction works area (including all the excavation and piling works) in the watercourse / pond prior to the commencement of any works in watercourse / pond. Dewatering of the construction works area or diversion of water flow should be undertaken before the construction works to avoid water flow in the construction works area. Silt removal facilities should be used to clarify the effluent generated from the dewatering operation before discharging back to the watercourse / drainage system.	To minimise impact from construction in watercourses / concrete flood storage pond			WPCO, EIAO-TM, TM-DSS	N/A
S6.11	Any construction works including excavation and pilling activities should be undertaken in a dry zone surrounded by the impermeable sheet pile walls or cofferdam walls or steel casing. Silt curtains should also be deployed around the construction works area inside the watercourse, where practicable, as a second layer of protection to further minimise sediment and contaminant release. All wastewater generated from the pilling activities should be regarded as part of the construction site effluent, which should be properly collected and treated as appropriate to meet the standards stipulated in the TM-DSS before disposal. It is recommended that the construction works in watercourses / pond should be undertaken in dry seasons, where practicable, when the water flow is low.	To minimise impact from construction in watercourses / concrete flood storage pond			WPCO, EIAO-TM	N/A
S6.11	Construction works for removal and diversion of watercourses should be undertaken within a dry zone. Where necessary, cofferdams or similar impermeable sheet pile walls should be used to isolate the works areas from the neighbouring waters.	To minimise impact from removal and diversion of watercourse			WPCO, EIAO-TM	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
S6.11	Construction works at watercourse should be undertaken only after flow diversion or dewatering operation is fully completed to avoid water flow in the works area. Dewatering of watercourse should be performed by diverting the water flow to new or temporary drainage. Where necessary, cofferdams or similar impermeable sheet pile walls should be used to isolate the works areas from neighbouring waters. The permanent or temporary drainage for carrying the diverted flow from existing watercourse to be removed should be constructed and completed before dewatering of that existing watercourse. Construction of all the proposed permanent and temporary drainage should be undertaken in a dry zone prior to receiving any water flow.				WPCO, EIAO-TM, TM-DSS	N/A
S6.11	The Contractor should provide a dry zone for all the construction works to be undertaken in watercourses and stormwater drainage following the tentative works sequence as described above or using other approved methods as appropriate to suit the works condition. The flow diversion works should be conducted in dry season, where possible, when the flow in the watercourse is low. The wastewater and ingress water from the site should be properly treated to comply with the WPCO and the TM-DSS before discharge.				WPCO, EIAO-TM, TM-DSS	N/A
S6.11	The site practices outlined in the ProPECC PN 1/94 “Construction Site Drainage” and ETWB TC (Works) No. 5/2005 “Protection of natural streams/rivers from adverse impacts arising from construction works” should be adopted for the proposed demolition or diversion of watercourses where applicable.				WPCO, EIAO-TM, ProPECC PN 1/94, ETWB TC (Works) No. 5/2005	Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
S6.11	Construction works at the existing ponds / wet areas should be conducted only after dewatering of these ponds / wet areas is fully completed. The drained water generated from the dewatering of these ponds / wet areas to be removed should be temporarily stored in appropriate storage tanks or containers for reuse on-site as far as possible. Any surplus drained water should be tankered away for proper disposal at STW in a controlled manner.	To minimise impact from removal of ponds / wet areas			WPCO, EIAO-TM	N/A
S6.11	It is recommended to drain only one pond at a time to minimise the potential water quality impact. Dewatering works at ponds / wet areas should be conducted within dry season to minimise the quantity of drained water. No direct discharge of drained water to the stormwater drainage system or marine water should be allowed.					N/A
S6.11	Contractor must register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation, should be observed and complied with for control of chemical wastes.	To minimise impact from accidental spillage			WPCO, Waste Disposal Ordinance (WDO), Waste Disposal (Chemical Waste) (General) Regulation, EIAO-TM	Implemented
S6.11	Any service workshop and maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.				WPCO, WDO, Waste Disposal (Chemical Waste) (General) Regulation, EIAO-TM	N/A
S6.11	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows:					Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	<ul style="list-style-type: none"> <li>Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport.</li> <li>Chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents.</li> <li>Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.</li> </ul>					
S6.11	No discharge of sewage to the stormwater system and marine water will be allowed. Adequate and sufficient portable chemical toilets should be provided in the works areas to handle sewage from construction workforce. A licensed waste collector should be employed to clean and maintain the chemical toilets on a regular basis.	To minimise impact from workforce sewage effluent			WPCO, EIAO-TM, TM-DSS	Implemented
S6.11	Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the surrounding environment. Regular environmental audit of the construction site should be conducted to provide an effective control of any malpractices and achieve continual improvement of environmental performance on site.				WPCO, EIAO-TM	Implemented
S6.11	Any excavated contaminated material and exposed contaminated surface should be properly housed and covered to avoid generation of contaminated run-off. Open stockpiling of contaminated materials should not be allowed. Any contaminated run-off or wastewater generated from the land decontamination processes should be properly collected and diverted to wastewater treatment facilities (WTF). The WTF shall deploy suitable treatment processes (e.g. oil interceptor / activated carbon) to reduce the pollution level to an acceptable standard and remove any prohibited substances (such as total petroleum hydrocarbon) to an undetectable range. All treated effluent from the wastewater treatment system shall meet the	To minimise impact from contaminated site run-off and wastewater from land decontamination			WPCO, EIAO-TM, TM-DSS	Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	requirements as stated in TM-DSS and should be either discharged into the foul sewers or tankered away for proper disposal.					
S6.11	No direct discharge of groundwater from contaminated areas should be adopted. Prior to any excavation works within the potentially contaminated areas, the baseline groundwater quality in these areas should be reviewed based on the past relevant site investigation data and any additional groundwater quality measurements to be performed with reference to Guidance Note for Contaminated Land Assessment and Remediation and the review results should be submitted to EPD for examination. If the review results indicated that the groundwater to be generated from the excavation works would be contaminated, this contaminated groundwater should be either properly treated or properly recharged into the ground in compliance with the requirements of the TM-DSS. If wastewater treatment is to be deployed for treating the contaminated groundwater, the wastewater treatment unit shall deploy suitable treatment processes (e.g. oil interceptor / activated carbon) to reduce the pollution level to an acceptable standard and remove any prohibited substances (such as total petroleum hydrocarbon) to an undetectable range. All treated effluent from the wastewater treatment plant shall meet the requirements as stated in the TM-DSS and should be either discharged into the foul sewers or tankered away for proper disposal.	To minimise impact from groundwater from contaminated areas			WPCO, TM-DSS, Guidance Note for Contaminated Land Assessment and Remediation	Implemented
S6.11	If deployment of wastewater treatment is not feasible for handling the contaminated groundwater, groundwater recharging wells should be installed as appropriate for recharging the contaminated groundwater back into the ground. The recharging wells should be selected at places where the groundwater quality will not be affected by the recharge operation as indicated in section 2.3 of the TM-DSS. The baseline groundwater quality should be determined prior to the	To minimise impact from groundwater from contaminated areas			WPCO, EIAO-TM, TM-DSS	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	selection of the recharge wells and submit a working plan to EPD for agreement. Pollution levels of groundwater to be recharged shall not be higher than pollutant levels of ambient groundwater at the recharge well. Groundwater monitoring wells should be installed near the recharge points to monitor the effectiveness of the recharge wells and to ensure that no likelihood of increase of groundwater level and transfer of pollutants beyond the site boundary. Prior to recharge, free products should be removed as necessary by installing the petrol interceptor. The Contractor should apply for a discharge licence under the WPCO through the Regional Office of EPD for groundwater recharge operation or discharge of treated groundwater.					
S6.11	<p>The following measures should be implemented by the Contractors to minimise the chance of emergency construction site discharge (due to failure of treatment facilities such as sand traps, silt traps, sedimentation basins, oil interceptors etc.):</p> <ul style="list-style-type: none"> <li>• Provide spare or standby treatment facilities of suitable capacities for emergency replacement in case damage or defect or malfunctioning of the duty treatment facilities is observed.</li> <li>• Conduct daily integrity checking of the construction site drainage and treatment facilities to inspect malfunctions, in particular before, during and after a storm event.</li> <li>• Carry out regular maintenance or desilting works to maintain effectiveness of the construction site drainage and treatment facilities in particular before, during and after a storm event.</li> </ul>	To minimise impact from construction site discharges			WPCO, EIAO-TM, TM-DSS	Implemented
S6.11	An Emergency Response Plan (ERP) should be developed to minimise the potential impact from construction site discharges under failure of treatment facilities during emergency situations or inclement weather. The ERP should give the emergency contacts to mobilise retention facilities and	To minimise impact from construction site discharges				Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	stakeholders to be notified as well as the details of the proposed construction site drainage system and the design and operation of duty and standby treatment facilities. The ERP should also provide the procedures and guidelines for routine integrity checking and maintenance of the drainage system and treatment facilities as well as the emergency response and rectification procedures to restore normal operation of the treatment facilities in case of treatment failure during emergency situation or inclement weather. The Best Management Practices (BMPs) in controlling water pollution arising from the construction activities and an event and action plan with action and limit levels for water quality monitoring should be included in the ERP. The ERP should be submitted to the EPD for approval before commencement of the construction works.					
S6.11	Construction of the Project would involve diversion of the existing twin 800 mm diameter rising mains along Tin Ying Road. New sewerage facilities for receiving the diverted sewage flow from the existing rising mains should be constructed prior to the commencement of any demolition and construction works at the existing rising mains. All sewage flow running in the existing rising mains along Tin Ying Road should be diverted to the new sewerage system prior to any demolition and construction works at the existing rising mains. No discharge of sewage flow to the environment should be allowed during the sewerage diversion works.	To minimise impact from sewerage diversion works			WPCO, EIAO-TM	N/A
S6.11	All excavated materials generated from removal and diversion of watercourses, removal and construction works in ponds and wet areas as well as the proposed bridge pier construction works in watercourses should be collected and handled in compliance with the Waste Disposal Ordinance. Excavated sediment, if any, generated from the excavation activities in watercourses, ponds and wet areas should be tested and classified in accordance with the ETWB TCW No. 34/2002 for	To manage the disposal of sediment			Waste Disposal Ordinance, ETWB TCW No. 34/2002	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	determining the disposal arrangement for the sediment. No direct disposal of the construction wastes or excavated materials into the stormwater drainage system and marine water should be allowed.					
<b>Waste Management</b>						
S8.2	<u>Good Site Practice</u> The following good site practices are recommended during the construction phase: <ul style="list-style-type: none"> <li>Nomination of an approved person, such as a site manager, to be responsible for the implementation of good site practices,</li> <li>Training of site personnel in proper waste management and chemical handling procedures.</li> <li>Provision of sufficient waste disposal points and regular collection of waste.</li> <li>Appropriate measures to minimize windblown litter and dust during handling, transportation and disposal of waste; and</li> <li>Preparation of a WMP in accordance with the ETWB TCW No. 19/2005 Environmental Management on Construction Sites and submitted it to the Engineer for approval.</li> </ul>	Minimise waste generation during construction	Contractor	Construction Phase	Waste Disposal Ordinance, Public Cleansing and Prevention of Nuisances Regulation (Cap. 132BK)	Implemented
S8.2	<u>Waste Reduction Measures</u> Waste reduction is best achieved by proper planning and design at the planning and design phases, as well as by ensuring the implementation of good site practices. The following recommendations are proposed to achieve waste reduction: <ul style="list-style-type: none"> <li>Segregation and storage of different types of waste in different containers or skips or stockpiles to enhance reuse or recycling of materials and their proper disposal.</li> <li>Adopt proper storage and site practices to minimize the potential for damage to, and contamination of, construction materials;</li> </ul>				Waste Disposal Ordinance	Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	<ul style="list-style-type: none"> <li>Plan the delivery and stock of construction materials carefully to minimise the amount of waste generated;</li> <li>Sort out demolition debris and excavated materials from demolition works to recover reusable / recyclable portions (i.e. soil, rock, broken concrete, etc.);</li> <li>Maximize the use of reusable steel formwork to reduce the amount of C&amp;D materials;</li> <li>Minimize over ordering concrete, mortars and cement grout by doing careful check before ordering; and</li> <li>Adopt pre-cast construction method instead of cast-in-situ method for construction of concrete structures as far as possible.</li> </ul>					
S8.2	<p><u>Storage of Waste</u>  Storage of materials on site may induce adverse environmental impacts if not properly managed. The following recommendations should be implemented to minimise the impacts:</p> <ul style="list-style-type: none"> <li>Waste, such as soil, should be handled and stored well to ensure secure containment, thus minimising the potential of pollution;</li> <li>Maintain and clean storage areas routinely;</li> <li>Stockpiling area should be provided with covers and water spraying system to prevent materials from being wind-blown or washed away; and</li> <li>Different locations should be designated to stockpile each material to enhance reuse.</li> </ul>	Minimise waste impacts during storage of waste			Waste Disposal Ordinance	Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
S8.2	<p><u>Collection and Transportation of Waste</u>  Waste hauler with appropriate permits should be employed by the Contractor for the collection and transportation of waste from works areas to respective disposal outlets. The following recommendation should be implemented to minimise the impacts:</p> <ul style="list-style-type: none"> <li>• Remove waste in timely manner;</li> <li>• Employ the trucks with cover or enclosed containers for waste transportation;</li> <li>• Obtain relevant waste disposal permits from the appropriate authorities; and</li> <li>• Dispose of waste at licensed waste disposal facilities.</li> </ul>	Minimise waste impacts during collection and transportation of waste			Waste Disposal Ordinance	Implemented
S8.2	<p><u>Construction and Demolition (C&amp;D) Materials</u>  Wherever practicable, C&amp;D materials should be segregated from other waste to avoid contamination and ensure acceptability at the public filling areas or reclamation sites. The following mitigation measures should be implemented in handling the C&amp;D materials:</p> <ul style="list-style-type: none"> <li>• Adopt “selective demolition” technique to demolish the existing structure and facilities with a view to recovering broken concrete effectively for recycling purpose, where possible;</li> <li>• Maintain the stockpile areas and reuse excavated fill material for backfilling;</li> <li>• Carry out on-site sorting to recover the inert C&amp;D materials and reusable and recyclable materials prior to disposal off-site;</li> <li>• Make provisions in the contract documents to allow and promote the use of recycled aggregates where appropriate; and</li> <li>• Implement a trip-ticket system for each works contract in accordance with DEVB TC(W) No. 6/2010 Trip-ticket System for Disposal of Construction and Demolition</li> </ul>	Minimise waste impacts from C&D materials			Waste Disposal Ordinance, Land (Miscellaneous Provisions) Ordinance, Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N)	Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	Material to ensure that the disposal of C&D materials are properly documented and verified. The Contractor should be responsible for devising a system to work for on-site sorting of C&D materials. It is recommended that the system should include the identification of the source of generation, estimated quantity of waste generated, arrangement for on-site sorting and/or collection, designated stockpiling areas, frequency of collection by recycling contractors and frequency of removal off-site.					
S8.2	<u>Asbestos Containing Materials</u> Due to the potential large amount of asbestos containing materials during the site clearance stage, asbestos investigation is required. However, as asbestos investigation will involve a large number of buildings and most premises will involve private access, which cannot be obtained at this stage, it is considered that an asbestos specialist shall be employed by the responsible parties during the construction stage to investigate this issue. Sufficient and reasonable lead time shall be allowed for preparation, vetting and implementation of Asbestos Investigation Report and Asbestos Abatement Plan in accordance with Air Pollution Control Ordinance before commencement of any demolition or site clearance work. Some key precautionary measures related to the handling and disposal of asbestos are listed as following: <ul style="list-style-type: none"> <li>• Adoption of protection, such as full containment, mini containment, or segregation of work area;</li> <li>• Provision of decontamination facilities for cleaning of workings, equipment and bagged waste before leaving the work area;</li> <li>• Adoption of engineering control techniques to prevent fibre release from work area, such as use of negative pressure equipment with high efficiency particulate air (HEPA)</li> </ul>	Control the asbestos containing materials and ensure proper storage, handling and disposal			Code of Practice on Handling, Transportation and Disposal of Asbestos Waste ProPECC PN 2/97 Handling of Asbestos Containing Materials in Buildings	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	<p>filters to control air flow between the work area and the outside environment;</p> <ul style="list-style-type: none"> <li>Wetting of asbestos containing materials before and during disturbance, minimising the breakage and dropping of asbestos containing materials, and packing of debris and waste immediately after it is produced;</li> <li>Cleaning of work area by wet wiping and vacuuming with HEPA-filtered vacuum cleaner;</li> <li>Coating on any surfaces previously in contact with or contained by asbestos with a sealant;</li> <li>Proper bagging, safe storage and disposal of asbestos and asbestos-contaminated waste;</li> <li>Pre-treatment of all effluent from the work area before discharged; and</li> <li>Air monitoring strategy to check the leakage and clearance of the work area during and after the asbestos work.</li> </ul>					
S8.2	<p><u>Chemical Waste</u>  For those processes which generated chemical waste, it may be possible to find alternatives to eliminate the use of chemicals, to reduce the generation quantities or to select a chemical type of less impact on environment, health and safety as far as possible.  If chemical waste is produced at the construction site, the Contractor will be required to register with the EPD as a chemical waste producer. Chemical waste should be stored in appropriate containers and collected by a licensed chemical waste contractor. Chemical waste (e.g. spent lubricant oil) should be recycled at an appropriate facility as far as possible, while chemical waste that cannot be recycled should be disposed of at either the CWTC, or another licensed facility.</p>	Control the chemical waste and ensure proper storage, handling and disposal.			Waste Disposal (Chemical Waste) General Regulation, Code of Practice on the Packaging, Labelling and Storage of Chemical Waste	Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
S8.2	<u>General Refuse</u> General refuse should be stored in enclosed bins separately from construction and chemical waste. Recycling bins should also be placed to encourage recycling. Preferably enclosed and covered areas should be provided for general refuse collection and routine cleaning for these areas should also be implemented to keep areas clean. A reputable waste collector should be employed to remove general refuse on a daily basis. It is expected that such arrangements would minimise potential environmental impacts.	Minimise production of general refuse and avoid odour, pest and litter impacts			Waste Disposal Ordinance	Implemented
	<u>Excavated Sediment</u> Since the amount of excavated sediment generated from the inland water removal / diversion works is expected to be small, all excavated sediment will be treated and reused on-site as backfilling materials for the Project. This approach avoids the need for off-site disposal that may result in impacts on the marine environment. In addition, all construction works near the watercourses should be undertaken within a dry zone and during dry season to avoid adverse impacts to the environment. The excavated sediment, if stockpiled on site, should be stored in enclosed containers and transported to the on-site treatment facilities as soon as practicable to minimise any potential odour impacts.	Proper handling of excavated sediment			Waste Disposal Ordinance	N/A
	<u>Contaminated Soil</u> It is considered unlikely that contaminated land issues, if any subject to site investigation, would be a concern during either the construction or the operational of the proposed development as remediation on contaminated area would be carried out prior to construction. However, as a precaution, it is recommended that standard good site practices should be implemented during the construction phase to minimise any potential exposure to contaminated soils or groundwater.	Proper handling of contaminated soil			Practice Guide for Investigation and Remediation of Contaminated Land	Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
<b>Land Contamination</b>						
-	<p><u>Identified Potentially Contaminated Sites</u>  Prior to development of these sites, the Project Proponent should appoint a consultant to re-appraise these sites to update the corresponding findings and sampling and testing requirements presented in the Contamination Assessment Plan (CAP).</p> <p>Supplementary CAP(s), incorporating the findings of the site re-appraisal and the updated sampling and testing strategy, should be prepared and submitted to EPD for approval prior to conducting any site investigation (SI) works.</p> <p>SI works should then be carried out according to the supplementary CAP(s). Contamination Assessment Report (CAR(s)) and, if contaminated soil and/or groundwater identified, Remediation Action Plan (RAP(s)) should be prepared and submitted to EPD for approval.</p>	Identify the presence, nature and extent of contamination and formulate the necessary remedial actions	CEDD/ Detailed Design Consultant / Contractor	After the land is resumed and handed over to the Project Proponent and prior to commencement of any remediation / construction works.	EIAO-TM, Guidance Manual for Use of Risk-Based Remediation Goals (RBRGs) for Contaminated Land Management, Guidance Notes for Contaminated Land Assessment and Remediation; and Practice Guide for Investigation and Remediation of Contaminated Land	Implemented
-	<p><u>Remaining Non-Contaminated Sites</u></p> <p>After the sites are handed over to the Project Proponent for development, the Project Proponent should appoint a consultant to revisit these sites to assess the latest land uses and site conditions. If any of these sites are found to have potential land contamination issues, the Project Proponents appointed consultant should prepare and submit supplementary CAP(s) to EPD for approval prior to conducting any SI works.</p> <p>SI works should then be carried out according to the supplementary CAP(s). CAR(s) and, if contaminated soil and/or groundwater identified, RAP(s) should be prepared and submitted to EPD for approval</p>					Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
-	Any contaminated soil and groundwater should be treated according to EPD's approved RAP(s) and RR(s) should be submitted to EPD for agreement after completion of the remediation works.	Remediate any contaminated soil and groundwater and demonstrate that the remediation works are adequate and is carried out in accordance with EPD's approved RAP(s).	Contractor	After the land is resumed and handed over to the PP and prior to commencement of any construction works.		Implemented
<b>Ecology</b>						
S10.2.4	Scheduling the site formation and construction works at Sites 3-32, 3-33, 3-37, 3-39 and 3-40 outside the breeding season of ardeids	Minimise disturbance impacts to breeding ardeids in San Sang San Tsuen egrettry	CEDD / Contractor	Construction phase	TM-EIAO	N/A
S10.2.5	Provision of screening (e.g., hoarding) at adjacent habitats within CA at northwest of San Sang San Tsuen.	Disturbance impacts (e.g. noise/vibration, visual) to adjacent habitats within the CA				N/A
S10.2.6	Hoarding around "Green Belt" zoning to mitigate construction disturbance impacts to the Crested Serpent Eagle habitat.	Minimise construction disturbance impacts to the Crested Serpent Eagle habitat				N/A
S10.2.7	Carefully design the construction methods and sequence of the proposed pier in the watercourses so that all piling and excavation works would be done within dry zone and physically separated from the watercourse downstream	Minimise potential water quality impacts to the habitats of the main channel and waterbird species				N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
S10.2.8	An ecologist with relevant experience should be consulted before the clearance of any bat roost.	Ensure no bat roost would be damaged due to the proposed development				N/A
S10.2.10	Provision of hoarding for proper delineation of works boundary.	Minimise construction disturbance impacts to existing mitigation ponds				Implemented
S10.2.11	General dust and noise control measures.	Mitigate disturbance impacts to the surrounding habitats and associated wildlife				Implemented
S10.2.12	Night-time lighting control.	Minimise glare disturbance to wildlife				Implemented
S10.2.13 – S10.2.15	Good site practices during the construction phase to avoid any pollution entering any nearby watercourses.	Minimise water quality impacts to nearby water bodies				Implemented
Fisheries						
S.13.4.8	Follow the mitigation measures proposed in the water quality assessment for construction and operational phase.	To protect fisheries resources from potential indirect impacts arising from deterioration of water quality	Contractor	Construction phase	EIA, contractual requirements	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
<b><i>Landscape and Visual</i></b>						
CM1	<u>Minimised construction area and contractor's temporary works areas</u> The construction area and contractor's temporary works areas should be minimised. General Good Practice Measures - For areas unavoidably disturbed by the Project on a short-term basis e.g., works areas, the general principle to try and restore these to their former state to suit future land use, should be adhered to	Minimise impacts on adjacent landscape	Government/ Developer/ Detailed Design Consultant/ Contractor	Prior to construction, construction stages. This should be implemented as soon as the areas become available, to achieve early establishment	-	Implemented
CM2	<u>Stripping and storing of topsoil</u> Topsoil, where identified, should be stripped and stored for re-use in the construction of the soft landscape works, where practical. The Contract Specification shall include storage and reuse of topsoil as appropriate. On potentially contaminated sites (as per Section 8) where investigation results indicate soil contamination is present, the use of contaminated soils for planting is to be avoided where appropriate.	Minimise the loss of existing topsoil and reduce the need to provide imported material		Detailed design, construction stages	-	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
CM3	<p><u>Protection of existing trees</u></p> <p>Tree Protection &amp; Preservation – Existing trees to be retained within the Project site should be carefully protected during construction. Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in Contractor's works areas. A detailed tree survey will be carried out for the Tree Removal Application (TRA) process which will be carried out at the later detailed design stage of the Project. The detailed tree survey will propose which trees should be retained, transplanted or felled and will include details of tree protection measures for those trees to be retained.</p>	Protect and Preserve Trees			ETWB Technical Circular Works (TCW) No. 29/2004 and 3/2006	N/A
CM4	<p><u>Transplantation of existing trees where practical</u></p> <p>Trees unavoidably affected by the Project works should be transplanted where practical. Trees should be transplanted straight to their final receptor site and not held in a temporary nursery as far as possible. A detailed Tree Transplanting Specification shall be provided in the Contract Specification, where applicable. Sufficient time for necessary tree root and crown preparation periods shall be allowed in the Project programme. A detailed transplanting proposal will be submitted to relevant government departments for approval in accordance with ETWBTC 2/2004 and 3/2006 and final locations of transplanted trees should be agreed prior to commencement of the work. For trees associated with highways e.g. roadside planting along highways, that are unavoidably affected and should be transplanted, HyD HQ/GN/13 'Interim Guidelines for Tree Transplanting Works under Highways Department's Vegetation Maintenance Ambit' should be referred to.</p>	Transplant Trees where suitable for transplantation		Prior to Construction, Construction Phase & Maintenance in Operation Phase	ETWB TCW 3/2006 and 2/2004 HyD HQ/GN/13 Interim Guidelines for Tree Transplanting Works under Highways Department's Vegetation Maintenance Ambit	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
CM5	<u>Control of night-time lighting</u> Control of night-time lighting and glare by hooding all lights. Construction day and night-time lighting should be controlled to minimise glare impact to adjacent VSRs during the construction phase.	Minimise impact of night-time lighting and glare	Government/ Developer/ Contractor	Construction stage	-	N/A
CM6	<u>Construction of decorative hoarding around construction works</u> Erection of decorative mesh screens or construction hoardings around works areas in visually unobtrusive colours screen hoarding shall 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). It is proposed that the screening be compatible with the surrounding environment and where possible, non-reflective, recessive colours be used.	To screen undesirable views of the works site.	Contractor	Construction stage	-	Implemented
CM7	<u>Reduction of construction period to practical minimum</u> Reduction of construction period to practical minimum	Minimise length of exposure to construction works	Government/ Developer/ Detailed Design Consultant/ Contractor	Construction stage	-	Implemented
CM8	<u>Prevention of run-off</u> Limitation of / Ensuring no run-off into surrounding landscape and prohibit run-off from entering adjacent water bodies and waterways.	Minimise / limit impacts on surrounding landscape and adjacent water sea areas		Construction stage	Guidelines for this include ETWB Technical Circular (Works) No. 5/2005 Protection of natural streams/rivers from adverse impacts arising from construction works; Building Department (BD) Practice Note for Authorized Persons and Registered Structural	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
					Engineers 295: Protection of natural streams/rivers from adverse impacts arising from construction works	
CM9	<u>Phasing of construction stage</u> Phasing of the construction stage to reduce visual impacts.	Minimise visual impacts during the construction phase		Construction stage	-	Implemented
CM10	<u>Advance screen planting</u> Advance screen planting of fast-growing tree and shrub species to noise barriers and hoardings. Trees shall be capable of reaching a height >10m within 10 years.	Minimise length of exposure without long term mitigation measures		Detailed design, construction stages	ETWB TCW 3/2006 and 2/2004	N/A
CM11	<u>Minimise disturbance footprints</u> To minimise landscape and visual impacts, the footprint and elevation of such elements should be optimised to reduce topographical/ landform changes, as well as reduce land take and interference with natural terrain. Where there is a need to significantly cut into the existing landform, retaining walls should be considered as well as cut slopes, to minimise landform changes and land resumption, while also considering visual amenity. Earthworks and engineered slopes should be designed to be a visually interesting landform, compatible with the surrounding landscape and to mimic the natural contouring and terrain e.g. introduction and continuation of natural features such as spurs and ridges where appropriate, to support assimilation with the hillside setting.	Reduce topographical changes and minimize land resumption		Detailed design, construction stages	GEO Publication No. 1/2011, Technical Guidelines on Landscape Treatment on Slopes	Implemented
CM12	<u>Protection of existing water courses</u> For all the natural rivers and streams inside the development area, consideration of protection measures should be made to minimise any impacts from the construction works.	Avoid direct impacts to watercourses	Detailed Design Consultant/ Contractor	Detailed design, construction stages	Guidelines for this include ETWB Technical Circular (Works) No.	Implemented

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
	Avoid affecting Watercourses – In the detailed design, consideration should be made of watercourses, to minimise any impacts e.g. at new bridge crossings, viaducts, road alignment etc. Guidelines stated should be followed. Bridges and box culverts should also be used to minimise the necessity of watercourse modification and protect the watercourses where necessary.				5/2005 Protection of natural streams/rivers from adverse impacts arising from construction works; Building Department (BD) Practice Note for Authorized Persons and Registered Structural Engineers 295: Protection of natural streams/rivers from adverse impacts arising from construction works	
CM13	<u>Hydroseeding on modified slopes</u> Hydroseeding of modified slopes should be done as soon as grading works are completed to prevent erosion and subsequent loss of landscape resources and character. Woodland tree seedlings and/ or shrubs should be planted where slope gradient and site conditions allow. In addition, landscape planting should be provided for the retaining structures associated with modified slopes where conditions allow. All slope landscaping works should comply with GEO Publication No. 1/2011-Technical Guidelines on Landscape Treatment for Slopes.	To prevent erosion and subsequent loss of landscape resources and character. To ensure man-made slopes are as visually amenable as possible.	Government/ Developer/ Detailed Design Consultant/ Contractor	Prior to Construction, Construction Phase & Maintenance in Operation Phase	GEO publication (1999) – Use of Vegetation as Surface Protection on Slope; GEO Publication No. 1/2011- Technical Guidelines on Landscape Treatment for Slopes	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
CM14	<p><u>Integrate Open Space Network with existing nullah conditions</u>  For watercourses affected during construction, measures should be sought to minimise the impact with respect to the existing nullah conditions, existing shrubs and trees along the banks.</p> <p>Where natural streams are unavoidably affected along some of their length, they can be diverted to avoid the proposed new developments and retain the integrity of the whole stream. Detailed design of any stream diversion should follow the Guidelines in ETWB Technical Circular (Works) No. 5/2005 (Protection of natural streams/rivers from adverse impacts arising from construction works) and appropriate construction methods should be used.</p>	Minimise / limit impacts on surrounding landscape and adjacent water sea areas			ETWB TCW No. 5/2005 – Protection of natural streams/rivers from adverse impacts arising from construction works; DSD Practice Note No.1/2005, Guidelines on Environmental Considerations for River Channel Design	Implemented
<b>Cultural Heritage Impact</b>						
S13.1.1	The archaeological impact arising from the construction works should be assessed when the detailed design of the works is available. Preservation in situ is the top priority to safeguard the archaeological remains in the impacted area by amending the layout plans of the construction works. However, if the works cannot avoid disturbance to the archaeological deposit, depending on degree of direct impact, the following mitigation measures should be considered, such as archaeological surveys, archaeological watching brief, preservation by record and relocation of archaeological remains. The scope and programme of the archaeological fieldwork would be agreed with AMO.	Minimise impact to archaeology in SAIs	Contractor	Prior to construction phase commencement	Environmental Impact Assessment Ordinance EIAO (Cap.499) and Technical Memorandum (EIAO-TM) Guidance Note on Assessment of Impact on Sites of Culture Heritage in Environmental Impact Assessment Studies (GCH-EIA) Antiquities and Monuments Ordinance (A&MO)	N/A

EM&A Ref.	Mitigation Measures	Objective of the recommended measure & main concerns to address	Implement Agent	Implementation Timing	Requirements and / or Standards to be Achieved	Implementation status
					Hong Kong Planning Standards and Guidelines (HKPSG) Guidelines for Cultural Heritage Impact Assessment (GCHIA)	
S13.1.2	Further archaeological survey is required to be conducted at APA 1 and APA 2 to ascertain the extent of any archaeological remains within the APAs if any construction works will be carried out. Based on the findings of the survey, mitigation measures could be proposed, such as preservation in situ, preservation by record, or relocation of archaeological remains, in prior agreement with the AMO. Direct impact arising from the proposed development within APA 3 should be avoided as far as possible.	Minimise impact to archaeology in APAs.			EIAO-TM GCH-EIA A&MO HKPSG GCHIA	N/A
S13.1.5	Preservation by record (including cartographic and photographic record) prior to any construction works would be required for the directly impacted built heritage.	Minimise impact to built heritage			EIAO-TM GCH-EIA HKPSG GCHIA	N/A
-	A Conservation Management Plan should be proposed to implement future maintenance and management of the cultural heritage.	Maximise the public education, heritage and cultural tourism related opportunities in this area as heritage attractions.	CEDD		EIAO-TM GCH-EIA A&MO HKPSG GCHIA	N/A

## Appendix D

### Environmental Monitoring Schedule

Contract No. WD/02/2021  
Environmental Team for Hung Shui Kiu/ Ha Tsuen New Development Area Stage 1 Works  
- Site Formation and Engineering Infrastructure

Environmental Monitoring Schedule (Version 1.0)						
Mrach 2025						
Sun	Mon	Tue	Wed	Thur	Fri	Sat
						1
2	3 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	4	5 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	6	7 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	8
9	10 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	11	12 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	13	14 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	15
16	17 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	18	19 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	20	21 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	22
23	24 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	25	26 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	27	28 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	29
30	31 Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)					

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

Water Quality Monitoring Station:

### U1 - Upstream Station

## U2 - Upstream Station

SW - Gradient station (downstream of U1 and the construction site of Road D1)

HT - Gradient station (downstream of U2 and the construction site of Road D1)

TKW1 - Gradient station (downstream of the construction site of Road D1)

TKW - Gradient station (downstream of the construction site of Road D1)

Contract No. WD/02/2021  
Environmental Team for Hung Shui Kiu/ Ha Tsuen New Development Area Stage 1 Works  
- Site Formation and Engineering Infrastructure

**Tentative Environmental Monitoring Schedule (Version 1.0)**

<b>April 2025</b>						
<b>Sun</b>	<b>Mon</b>	<b>Tue</b>	<b>Wed</b>	<b>Thur</b>	<b>Fri</b>	<b>Sat</b>
		<b>1</b>	<b>2</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	<b>3</b>	<b>4</b>	<b>5</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)
<b>6</b>	<b>7</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	<b>8</b>	<b>9</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	<b>10</b>	<b>11</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	<b>12</b>
<b>13</b>	<b>14</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	<b>15</b>	<b>16</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	<b>17</b>	<b>18</b>	<b>19</b>
<b>20</b>	<b>21</b>	<b>22</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	<b>23</b>	<b>24</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	<b>25</b>	<b>26</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)
<b>27</b>	<b>28</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)	<b>29</b>	<b>30</b> Water Quality Monitoring (U1, U2, SW, HT, TKW, TKW1)			

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

2. As advised by the Engineer's Representative and the Contractor, there will be no construction work undertaken on 4 April 2025 and 18 to 21 April 2025. Therefore, water quality monitoring will be suspended on 4 April 2025 and 18 to 21 April 2025..

Water Quality Monitoring Station:

U1 - Upstream Station

U2 - Upstream Station

SW - Gradient station (downstream of U1 and the construction site of Road D1)

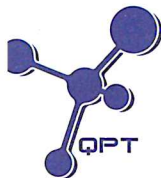
HT - Gradient station (downstream of U2 and the construction site of Road D1)

TKW1 - Gradient station (downstream of the construction site of Road D1)

TKW - Gradient station (downstream of the construction site of Road D1)

## Appendix E

### Calibration Certification



專業化驗有限公司

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## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

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### PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited  
Unit 1608, 16/F, Tower B, Manulife Fin. Centre 223 - 231 Wai Yip Street, Kwun Tong,  
Kowloon (HK) Hong Kong

### PART B - SAMPLE INFORMATION

Name of Equipment : YSI ProDSS Multi Parameters  
Manufacturer : YSI  
Serial Number : 15M101091  
Date of Received : 12 February 2025  
Date of Calibration : 14 February 2025  
Date of Next Calibration : 13 May 2025  
Request No. : D-BE020046

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

Test Parameter	Reference Method
pH value	APHA 21e 4500-H <sup>+</sup> 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	4.16	0.16	Satisfactory
7.42	7.54	0.12	Satisfactory
10.01	10.20	0.19	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
17.0	16.8	-0.2	Satisfactory
23.0	22.6	-0.4	Satisfactory
31.5	31.7	0.2	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	9.76	-2.40	Satisfactory
20	20.08	0.40	Satisfactory
30	30.90	3.00	Satisfactory

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

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AUTHORIZED  
SIGNATORY:

FUNG Yuen-ching  
Laboratory Manager



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

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## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

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### (4) Dissolved oxygen

Expected Reading ( mg/L )	Display Reading ( mg/L )	Tolerance	Result
9.17	9.43	0.26	Satisfactory
5.41	5.85	0.44	Satisfactory
3.54	3.49	-0.05	Satisfactory
0.00	0.17	0.17	Satisfactory

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

### (5) Turbidity

Expected Reading ( NTU )	Display Reading ( NTU )	Tolerance <sup>(a)</sup>	Result
0	0.78	--	Satisfactory
10	9.06	-9.4	Satisfactory
20	19.62	-1.9	Satisfactory
100	105.00	5.0	Satisfactory
800	780.87	-2.4	Satisfactory

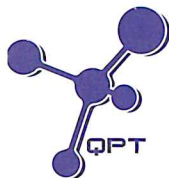
Tolerance of Turbidity should be less than  $\pm 10.0$  ( % )

<sup>(a)</sup> For 0 NTU, Display Reading should be less than 1 NTU

### Remark(s)

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

--- END OF REPORT ---



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## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE010185  
Date of Issue : 13 January 2025  
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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 : 22D100436  
Date of Received : 07 January 2025  
Date of Calibration : 09 January 2025  
Date of Next Calibration : 08 April 2025  
Request No. : D-BE010185

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

Test Parameter	Reference Method
pH value	APHA 21e 4500-H <sup>+</sup> 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	4.13	0.13	Satisfactory
7.42	7.54	0.12	Satisfactory
10.01	10.10	0.09	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
17.0	17.2	0.2	Satisfactory
21.5	21.4	-0.1	Satisfactory
32.0	31.8	-0.2	Satisfactory

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

#### (3) Salinity

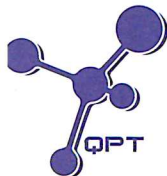
Expected Reading ( g/L )	Display Reading ( g/L )	Tolerance ( % )	Result
10	9.70	-3.00	Satisfactory
20	19.88	-0.60	Satisfactory
30	30.35	1.17	Satisfactory

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

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## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

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### (4) Dissolved oxygen

Expected Reading ( mg/L )	Display Reading ( mg/L )	Tolerance	Result
8.55	8.48	-0.07	Satisfactory
5.48	5.08	-0.40	Satisfactory
3.01	2.89	-0.12	Satisfactory
0.70	0.21	-0.49	Satisfactory

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

### (5) Turbidity

Expected Reading ( NTU )	Display Reading ( NTU )	Tolerance <sup>(a)</sup>	Result
0	0.19	--	Satisfactory
10	10.89	8.9	Satisfactory
20	19.48	-2.6	Satisfactory
100	94.42	-5.6	Satisfactory
800	728.89	-8.9	Satisfactory

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

<sup>(a)</sup> For 0 NTU, Display Reading should be less than 1 NTU

### Remark(s)

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

--- END OF REPORT ---

## Appendix F

# Water Quality Monitoring Results and Graphical Presentation

## Water Quality Monitoring Location : TKW1

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
03 March 2025	10:45	Sunny	14	24.9	24.9	7.3	7.3	6.4	6.3	76.9	76.9	0.4	0.4	1.0	1.0
				24.9		7.3		6.3		76.8		0.4		1.0	
05 March 2025	10:45	Cloudy	19	20.9	20.9	7.5	7.5	6.1	6.1	68.7	68.7	3.6	3.7	1.3	1.3
				20.9		7.5		6.1		68.6		3.7		1.2	
07 March 2025	9:25	Cloudy	12	17.9	17.9	7.9	7.9	9.5	9.5	99.9	100.0	14.7	14.7	6.3	6.0
				17.9		7.9		9.5		100.0		14.7		5.6	
10 March 2025	10:20	Cloudy	14	21.7	21.7	8.0	8.0	8.2	8.2	92.9	92.9	3.1	3.1	1.6	1.4
				21.7		8.0		8.2		92.9		3.1		1.2	
12 March 2025	9:24	Cloudy	14	22.4	22.4	7.7	7.7	6.6	6.6	75.7	75.7	1.2	1.2	1.0	1.0
				22.4		7.7		6.6		75.7		1.2		1.0	
14 March 2025	10:23	Cloudy	13	23.3	23.3	7.5	7.5	5.6	5.5	65.3	65.0	3.5	3.5	6.6	6.7
				23.3		7.5		5.5		64.6		3.5		6.7	
17 March 2025	10:11	Cloudy	14	21.8	21.8	7.5	7.5	8.4	8.4	95.5	95.5	1.9	2.0	1.0	1.2
				21.8		7.5		8.4		95.5		2.0		1.4	
19 March 2025	17:00	Cloudy	12	22.7	22.7	7.4	7.4	5.7	5.6	66.1	65.5	2.4	2.4	1.6	1.7
				22.7		7.4		5.6		64.8		2.4		1.7	
21 March 2025	12:02	Fine	12	22.6	22.6	7.7	7.7	7.5	7.5	87.3	87.2	2.8	2.8	1.0	1.0
				22.6		7.7		7.5		87.0		2.8		1.0	
24 March 2025	10:36	Fine	12	23.0	23.0	7.7	7.7	6.3	6.3	73.1	73.0	1.7	1.6	1.0	1.0
				23.0		7.7		6.2		72.9		1.6		1.0	
26 March 2025	16:22	Sunny	14	24.8	24.8	7.0	7.0	4.7	4.7	56.8	56.8	5.8	5.9	7.0	7.0
				24.8		7.0		4.7		56.8		6.0		7.0	
28 March 2025	9:36	Fine	14	21.7	21.7	7.3	7.3	7.7	7.7	87.9	87.6	0.2	0.2	1.0	1.1
				21.7		7.3		7.7		87.3		0.2		1.2	
31 March 2025	15:36	Fine	13	20.2	20.2	7.6	7.6	6.5	6.4	71.6	71.1	2.2	2.2	1.9	1.6
				20.2		7.6		6.4		70.6		2.2		1.2	

## Water Quality Monitoring Location : TKW

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
03 March 2025	10:56	Sunny	19	24.9	24.9	7.4	7.4	6.3	6.3	75.8	75.8	0.8	0.8	1.0	1.0
				24.9		7.4		6.3		75.8		0.8		1.0	
05 March 2025	10:58	Cloudy	25	20.9	20.9	7.5	7.5	7.2	7.2	80.4	80.3	4.1	4.1	1.5	1.5
				20.9		7.5		7.2		80.2		4.1		1.4	
07 March 2025	9:10	Cloudy	20	17.3	17.3	7.8	7.8	9.3	9.3	97.2	97.2	22.6	22.6	6.9	6.9
				17.3		7.8		9.3		97.2		22.5		6.9	
10 March 2025	10:30	Cloudy	20	21.5	21.5	8.1	8.1	8.3	8.3	94.1	94.0	3.4	3.4	2.3	2.5
				21.5		8.1		8.3		93.9		3.4		2.6	
12 March 2025	9:36	Cloudy	20	22.4	22.4	7.9	7.9	7.4	7.5	85.9	86.2	1.1	1.1	1.0	1.0
				22.4		7.9		7.5		86.5		1.1		1.0	
14 March 2025	10:36	Cloudy	20	23.3	23.3	7.5	7.5	5.3	5.3	62.8	62.8	3.6	3.6	6.9	6.9
				23.3		7.5		5.3		62.7		3.7		6.9	
17 March 2025	10:40	Cloudy	19	21.7	21.7	7.5	7.5	8.4	8.4	95.3	95.3	1.0	1.0	1.3	1.3
				21.7		7.5		8.4		95.3		1.1		1.2	
19 March 2025	17:20	Cloudy	20	22.7	22.7	7.4	7.4	4.8	4.8	55.8	55.7	2.3	2.3	1.6	2.0
				22.7		7.4		4.8		55.6		2.3		2.3	
21 March 2025	12:15	Fine	20	22.6	22.6	7.8	7.8	7.7	7.7	89.4	89.8	2.4	2.4	1.0	1.0
				22.6		7.8		7.8		90.1		2.4		1.0	
24 March 2025	10:46	Fine	20	23.0	23.0	7.7	7.7	6.1	6.1	71.7	71.7	1.7	1.6	1.0	1.0
				23.0		7.7		6.1		71.6		1.6		1.0	
26 March 2025	16:32	Sunny	20	24.8	24.8	7.0	7.0	4.7	4.7	56.4	56.4	6.0	6.1	3.1	3.0
				24.8		7.0		4.7		56.4		6.2		2.8	
28 March 2025	9:46	Fine	20	21.7	21.7	7.3	7.3	7.5	7.5	85.2	85.2	0.2	0.2	1.0	1.0
				21.7		7.3		7.5		85.1		0.2		1.0	
31 March 2025	15:45	Fine	20	20.3	20.3	7.6	7.6	6.0	6.0	66.4	66.3	2.8	2.8	1.0	1.6
				20.3		7.6		6.0		66.1		2.8		2.1	

## Water Quality Monitoring Location : UI

Water Quality Monitoring Location: S1															
Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
03 March 2025	8:30	Sunny	4	25.1	25.1	7.1	7.1	8.5	8.5	102.6	63.9	11.1	11.0	8.0	7.3
				25.1		7.1		8.5		25.1		11.0		6.5	
				21.2		7.3		5.9		67.9		28.8		12.0	
05 March 2025	8:31	Cloudy	3	21.2	21.2	7.3	7.3	5.9	5.9	67.9	67.9	29.0	28.9	16.0	14.0
				7.3		9.5		99.0		13.4		86.0			
				7.3		9.5		99.0		13.4		124.0			
07 March 2025	7:31	Cloudy	4	17.4	17.4	7.3	7.3	9.5	9.5	99.0	99.0	13.4	13.4	8.0	105.0
				17.4		7.3		9.5		99.0		13.4		124.0	
				21.6		7.1		8.5		96.4		20.4		81.0	
10 March 2025	8:00	Cloudy	4	21.5	21.6	7.1	7.1	8.5	8.5	96.2	96.3	20.2	20.3	103.0	92.0
				21.5		7.1		8.5		96.2		20.2		103.0	
				22.6		7.1		8.5		96.2		20.2		103.0	
12 March 2025	7:31	Cloudy	4	22.6	22.6	7.1	7.1	7.3	7.3	86.7	86.7	16.4	16.3	12.0	12.5
				22.6		7.1		7.3		86.7		16.2		13.0	
				22.6		7.1		7.3		86.7		16.2		13.0	
14 March 2025	8:00	Cloudy	5	23.6	23.6	7.7	7.7	5.1	5.1	60.3	60.3	14.3	14.3	151.0	123.5
				23.6		7.7		5.1		60.2		14.3		96.0	
				23.6		7.7		5.1		60.2		14.3		96.0	
17 March 2025	8:00	Cloudy	3	19.2	19.1	7.3	7.3	8.3	8.3	89.5	89.3	10.8	10.7	11.0	12.5
				19.0		7.3		8.3		89.0		10.7		14.0	
				22.8		7.2		6.6		76.8		8.9		20.0	
19 March 2025	15:30	Cloudy	5	22.8	22.8	7.2	7.2	6.6	6.6	76.7	76.8	8.8	8.8	26.0	23.0
				22.8		7.2		6.6		76.7		8.8		26.0	
				22.8		7.2		6.6		76.7		8.8		26.0	
21 March 2025	10:03	Fine	6	22.7	22.7	7.7	7.7	7.8	7.8	90.0	90.0	9.9	9.9	86.0	96.5
				22.7		7.7		7.8		90.0		9.9		107.0	
				22.7		7.7		7.8		90.0		9.9		107.0	
24 March 2025	8:30	Fine	2	23.1	23.1	7.1	7.1	6.7	6.7	78.2	78.1	12.5	12.6	3.8	3.9
				23.1		7.1		6.7		77.9		12.6		4.0	
				23.1		7.1		6.7		77.9		12.6		4.0	
26 March 2025	14:10	Sunny	6	24.8	24.8	7.3	7.3	4.2	4.2	50.5	50.1	9.0	9.0	3.6	4.2
				24.8		7.3		4.1		49.7		8.9		4.7	
				24.8		7.3		4.1		49.7		8.9		4.7	
28 March 2025	8:00	Fine	4	21.5	21.5	7.0	6.9	7.3	7.3	82.9	83.0	22.2	22.2	1.2	1.4
				21.5		6.9		7.3		83.0		22.2		1.5	
				21.5		6.9		7.3		83.0		22.2		1.5	
31 March 2025	13:33	Fine	5	19.6	19.6	7.2	7.2	5.3	5.3	57.6	57.6	11.2	11.1	3.4	4.0
				19.6		7.2		5.3		57.5		11.1		4.5	
				19.6		7.2		5.3		57.5		11.1		4.5	

Water Quality Monitoring Location : SW

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
03 March 2025	9:31	Sunny	15	24.9	24.9	7.5	7.5	8.3	8.3	100.3	100.2	5.6	5.6	2.1	2.1
				24.9		7.5		8.3		100.0		5.6		2.0	
05 March 2025	9:36	Cloudy	15	21.1	21.1	7.3	7.3	8.3	8.3	93.5	93.0	1.2	1.2	1.0	1.0
				21.1		7.3		8.2		92.4		1.2		1.0	
07 March 2025	8:36	Cloudy	15	16.5	16.5	7.0	7.0	9.1	9.1	93.5	93.5	8.4	8.4	1.0	1.0
				16.5		7.0		9.1		93.4		8.4		1.0	
10 March 2025	9:15	Cloudy	13	21.5	21.5	7.3	7.3	7.9	7.9	89.4	89.4	1.4	1.4	1.1	1.1
				21.5		7.3		7.9		89.4		1.4		1.1	
12 March 2025	8:37	Cloudy	14	22.5	22.5	7.5	7.5	7.0	7.0	80.5	80.6	0.6	0.6	1.0	1.0
				22.5		7.5		7.0		80.6		0.6		1.0	
14 March 2025	9:05	Cloudy	13	23.5	23.5	7.7	7.7	5.9	5.9	69.7	69.8	1.7	1.7	1.5	1.3
				23.4		7.7		5.9		69.9		1.7		1.0	
17 March 2025	9:00	Cloudy	15	20.9	20.9	7.5	7.4	8.3	8.3	92.9	92.9	1.3	1.3	1.0	1.0
				20.9		7.4		8.3		92.8		1.3		1.0	
19 March 2025	16:20	Cloudy	15	22.7	22.7	8.0	8.0	7.8	7.8	90.8	90.8	2.9	2.9	2.5	2.5
				22.7		8.0		7.8		90.7		2.9		2.5	
21 March 2025	11:00	Fine	13	22.6	22.6	7.7	7.7	8.2	8.2	94.5	94.5	2.3	2.3	1.5	1.4
				22.6		7.7		8.2		94.5		2.3		1.3	
24 March 2025	9:36	Fine	13	23.3	23.3	7.5	7.5	6.4	6.4	75.1	75.1	6.1	6.1	1.9	1.9
				23.3		7.5		6.4		75.0		6.1		1.8	
26 March 2025	15:00	Sunny	13	24.6	24.6	7.3	7.3	7.1	7.1	85.5	85.6	1.0	1.0	1.0	1.0
				24.6		7.3		7.1		85.7		1.0		1.0	
28 March 2025	8:32	Fine	15	21.7	21.7	7.2	7.2	8.0	8.0	90.5	90.4	0.9	0.9	1.1	1.1
				21.7		7.3		7.9		90.3		1.0		1.0	
31 March 2025	14:30	Fine	15	20.0	20.0	7.4	7.4	6.8	6.8	74.4	74.5	0.4	0.4	1.0	1.0
				20.0		7.4		6.8		74.5		0.4		1.0	

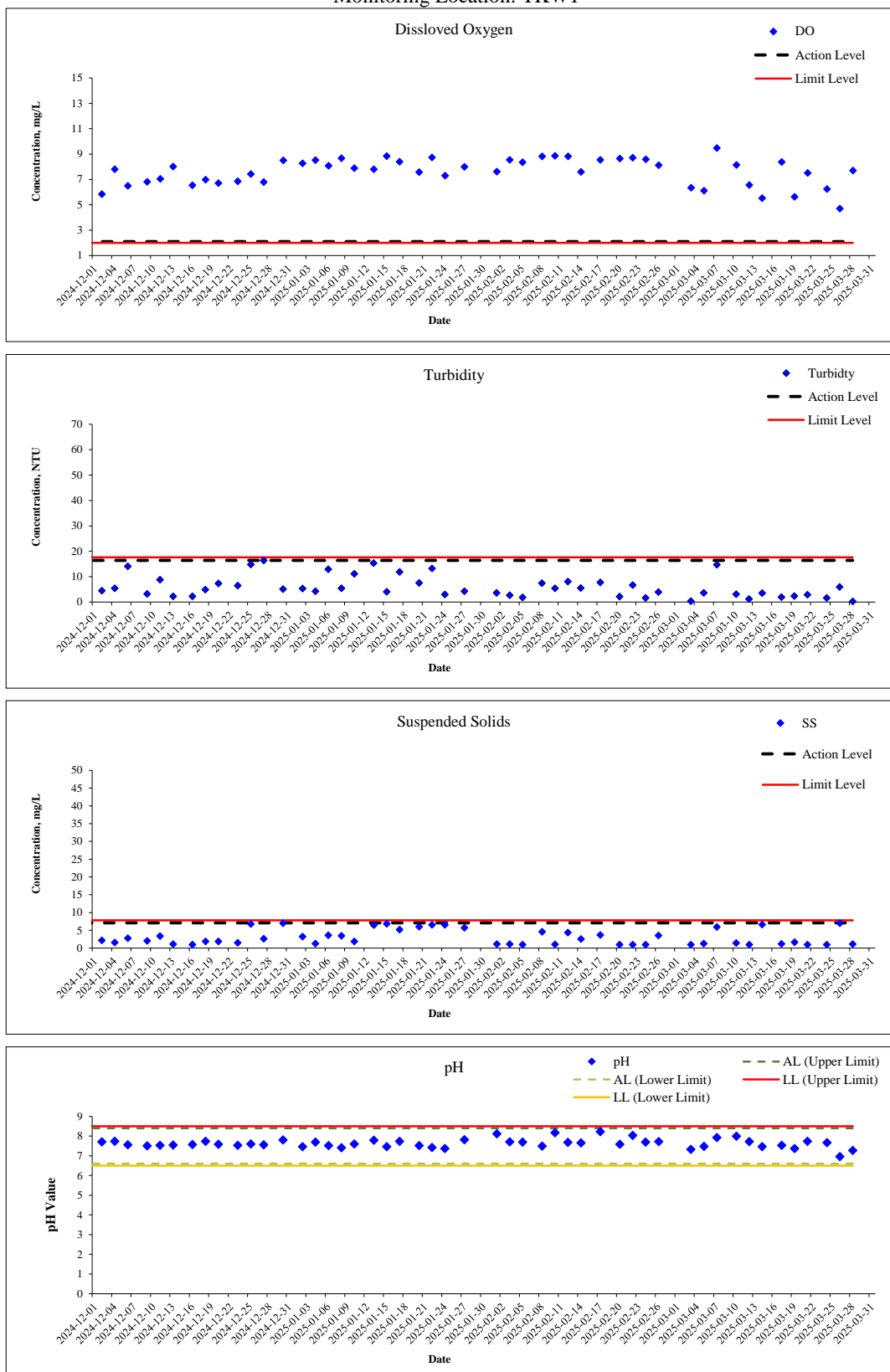
Water Quality Monitoring Location : U2

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
03 March 2025	9:00	Sunny	16	25.0	25.0	7.1	7.1	8.1	8.1	97.7	97.6	2.4	2.4	1.0	1.0
				25.0		7.1		8.1		97.5		2.5		1.0	
05 March 2025	9:02	Cloudy	16	22.8	22.8	7.0	7.0	7.9	7.9	91.2	91.3	1.6	1.5	8.6	9.8
				22.8		7.0		7.9		91.3		1.5		11.0	
07 March 2025	8:02	Cloudy	16	16.6	16.6	7.2	7.2	9.6	9.6	98.5	98.5	19.9	19.9	5.3	4.9
				16.6		7.2		9.6		98.5		19.9		4.4	
10 March 2025	8:45	Cloudy	16	21.4	21.4	7.1	7.1	7.2	7.2	81.4	81.4	6.5	6.5	2.0	2.9
				21.4		7.1		7.2		81.4		6.5		3.7	
12 March 2025	8:05	Cloudy	17	22.5	22.5	7.3	7.3	6.1	6.1	71.1	70.8	3.4	3.4	1.0	1.1
				22.5		7.3		6.0		70.5		3.4		1.2	
14 March 2025	8:34	Cloudy	20	22.4	22.4	7.7	7.7	5.6	5.6	65.0	65.0	2.4	2.4	2.7	2.8
				22.4		7.7		5.6		64.9		2.3		2.8	
17 March 2025	8:32	Cloudy	18	20.9	20.9	7.8	6.6	8.4	8.4	94.3	94.3	5.7	5.6	9.1	9.2
				20.8		5.5		8.4		94.3		5.5		9.2	
19 March 2025	15:50	Cloudy	19	22.8	22.8	7.7	7.7	7.3	7.3	84.7	84.9	5.0	5.0	29.0	36.5
				22.8		7.7		7.3		85.1		5.0		44.0	
21 March 2025	10:36	Fine	20	22.6	22.6	7.7	7.7	7.9	7.9	91.4	91.4	2.7	2.7	1.4	1.6
				22.6		7.7		7.9		91.4		2.7		1.7	
24 March 2025	9:04	Fine	20	23.0	23.0	7.1	7.1	6.7	6.7	78.3	78.3	6.9	6.9	1.0	1.0
				23.0		7.1		6.7		78.3		6.9		1.0	
26 March 2025	14:30	Sunny	20	24.6	24.6	7.0	7.0	5.5	5.5	66.3	66.4	3.3	3.3	3.8	3.9
				24.6		6.9		5.5		66.4		3.3		3.9	
28 March 2025	7:20	Fine	20	20.6	20.6	7.2	7.2	6.9	6.9	76.8	76.8	3.6	3.5	2.4	3.3
				20.6		7.2		6.9		76.8		3.5		4.1	
31 March 2025	14:00	Fine	19	19.6	19.6	7.3	7.3	6.3	6.3	68.6	68.6	5.1	5.1	1.5	1.5
				19.6		7.3		6.3		68.5		5.1		1.5	

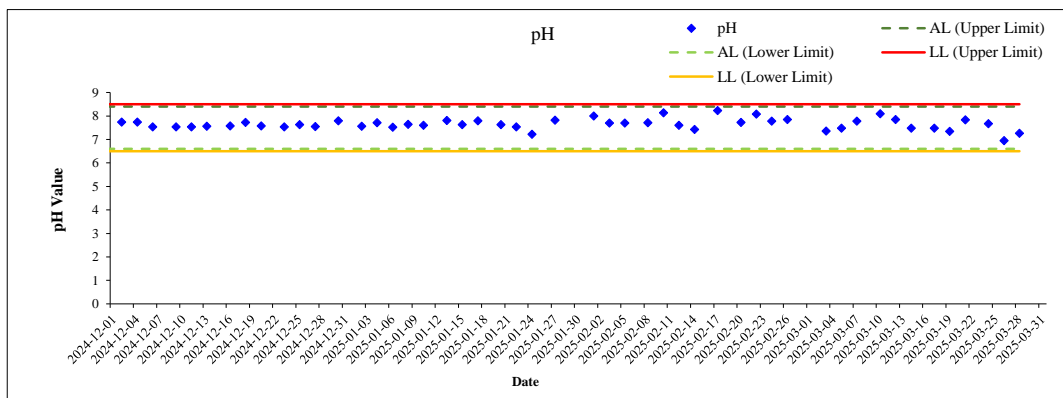
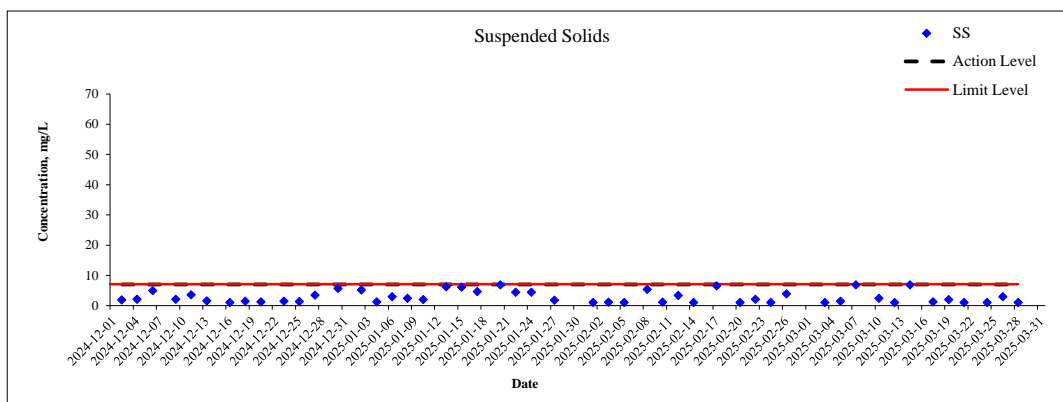
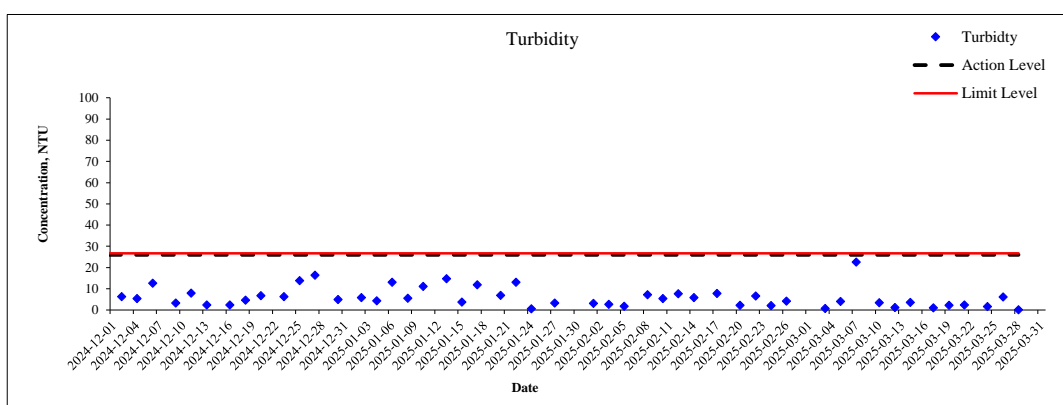
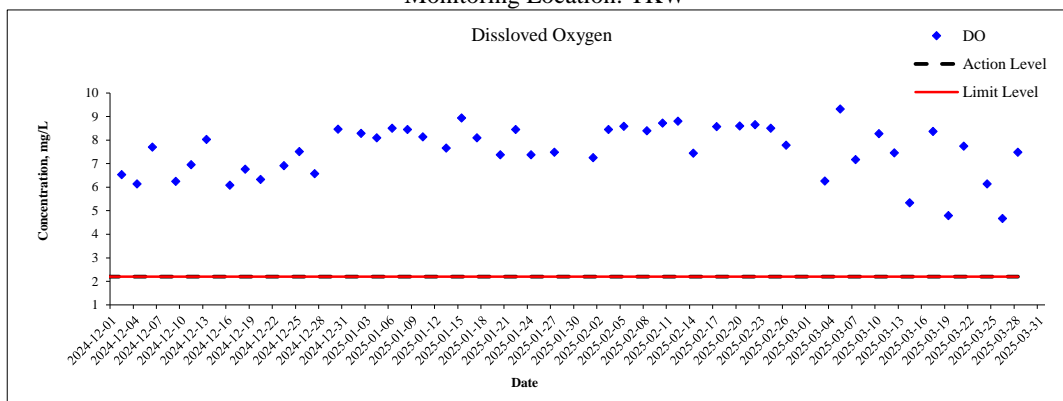
Water Quality Monitoring Location : HT

Date	Start Time	Weather	Water depth (cm)	Temperature (°C)		pH		DO (mg/L)		DO (%)		Turbidity (NTU)		Suspended Solids (mg/L)	
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
03 March 2025	10:10	Sunny	10	25.0	25.0	7.0	7.0	7.4	7.3	89.9	88.9	0.3	0.2	1.0	1.0
				25.0		7.0		7.3		87.8		0.2		1.0	
05 March 2025	10:12	Cloudy	10	20.8	20.8	7.5	7.5	6.4	6.4	71.5	71.7	3.6	3.5	1.2	1.5
				20.8		7.5		6.4		71.9		3.5		1.8	
07 March 2025	8:37	Cloudy	10	16.5	16.5	7.0	7.0	9.2	9.1	93.8	93.3	9.6	9.6	2.0	2.0
				16.5		7.0		9.1		92.7		9.6		1.9	
10 March 2025	9:40	Cloudy	6	21.7	21.7	7.4	7.4	8.0	8.0	90.4	90.4	1.8	1.7	1.8	1.8
				21.7		7.4		8.0		90.4		1.7		1.8	
12 March 2025	9:07	Cloudy	10	22.4	22.4	7.4	7.4	6.4	6.4	73.9	73.9	1.0	1.0	1.0	1.0
				22.4		7.4		6.4		73.8		1.0		1.0	
14 March 2025	9:42	Cloudy	10	23.3	23.3	8.2	8.2	4.2	4.1	48.9	47.2	15.9	16.0	1.4	1.5
				23.3		8.2		3.9		45.5		16.0		1.5	
17 March 2025	9:30	Cloudy	10	21.5	21.5	7.3	7.3	8.3	8.3	94.6	94.6	1.7	1.7	1.0	1.0
				21.5		7.3		8.4		94.6		1.6		1.0	
19 March 2025	16:41	Cloudy	10	22.7	22.7	7.8	7.8	7.2	7.2	83.5	83.2	1.4	1.4	1.0	1.3
				22.7		7.8		7.1		82.8		1.4		1.5	
21 March 2025	11:30	Fine	10	22.7	22.7	7.7	7.7	8.0	8.0	92.3	92.2	1.5	1.5	1.0	1.0
				22.7		7.7		7.9		92.1		1.5		1.0	
24 March 2025	10:05	Fine	10	23.2	23.2	7.4	7.4	5.4	5.4	63.3	63.0	8.5	8.5	1.5	1.7
				23.2		7.4		5.3		62.6		8.5		1.8	
26 March 2025	15:36	Sunny	10	24.5	24.5	7.6	7.6	7.1	7.1	84.8	84.8	0.8	0.8	1.0	1.0
				24.5		7.6		7.1		84.8		0.8		1.0	
28 March 2025	9:02	Fine	10	21.7	21.7	7.2	7.2	7.6	7.6	86.1	86.1	2.1	2.1	1.6	1.7
				21.7		7.2		7.6		86.0		2.1		1.8	
31 March 2025	15:00	Fine	10	19.7	19.7	7.3	7.3	6.8	6.8	74.5	74.7	1.2	1.3	1.3	1.3
				19.7		7.3		6.8		74.8		1.3		1.3	

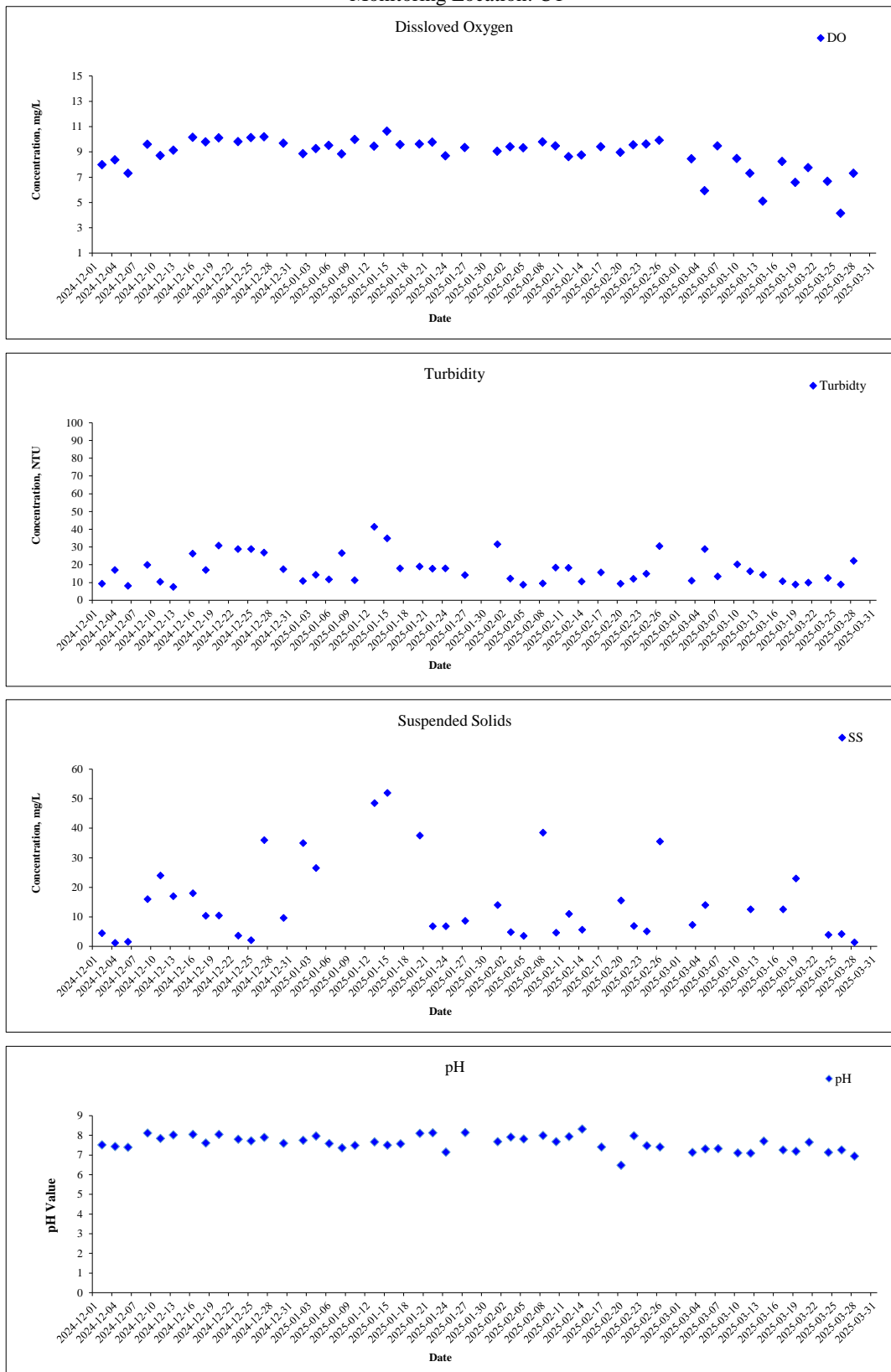
### Monitoring Location: TKW1



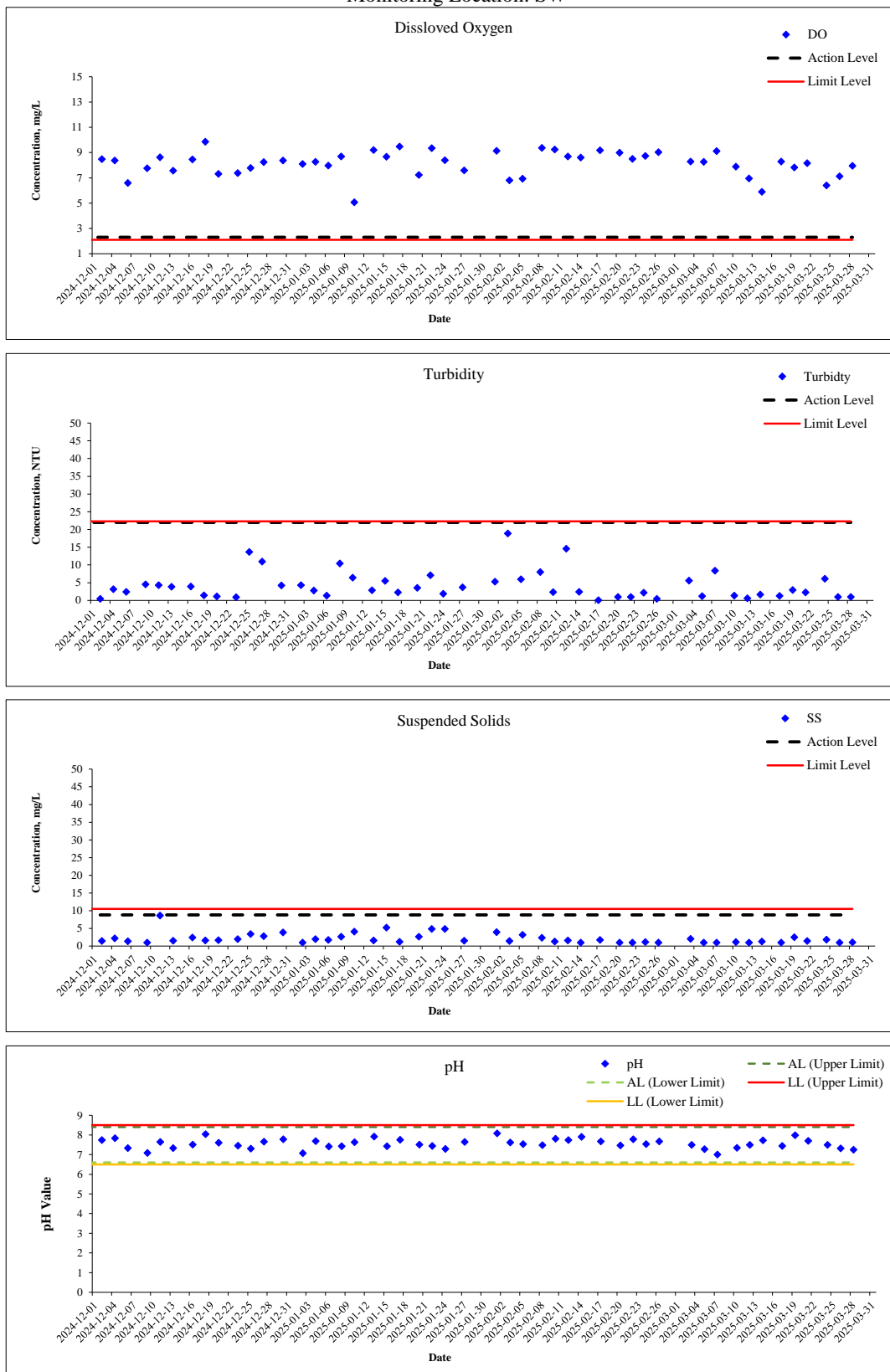
### Monitoring Location: TKW



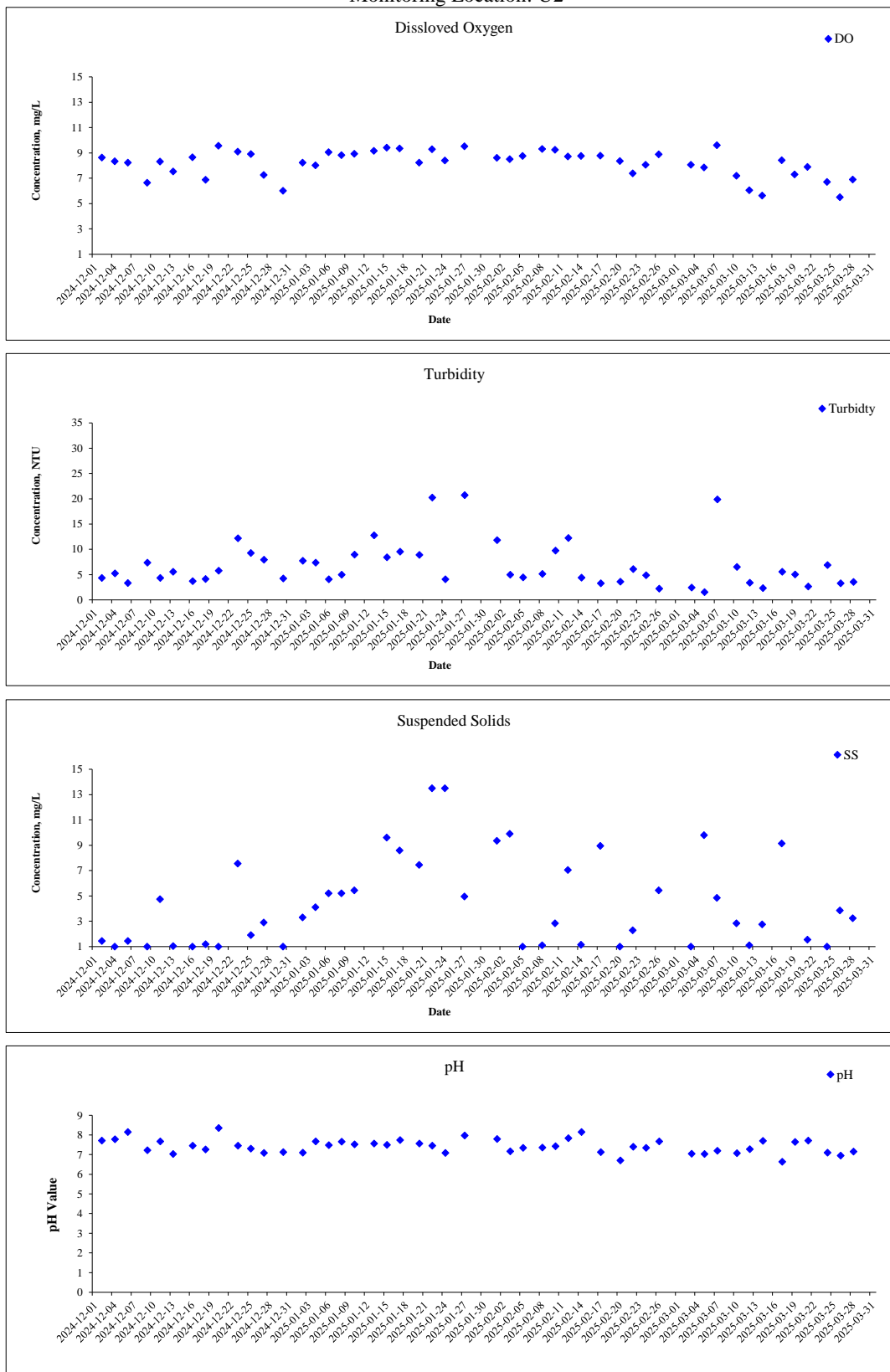
### Monitoring Location: U1



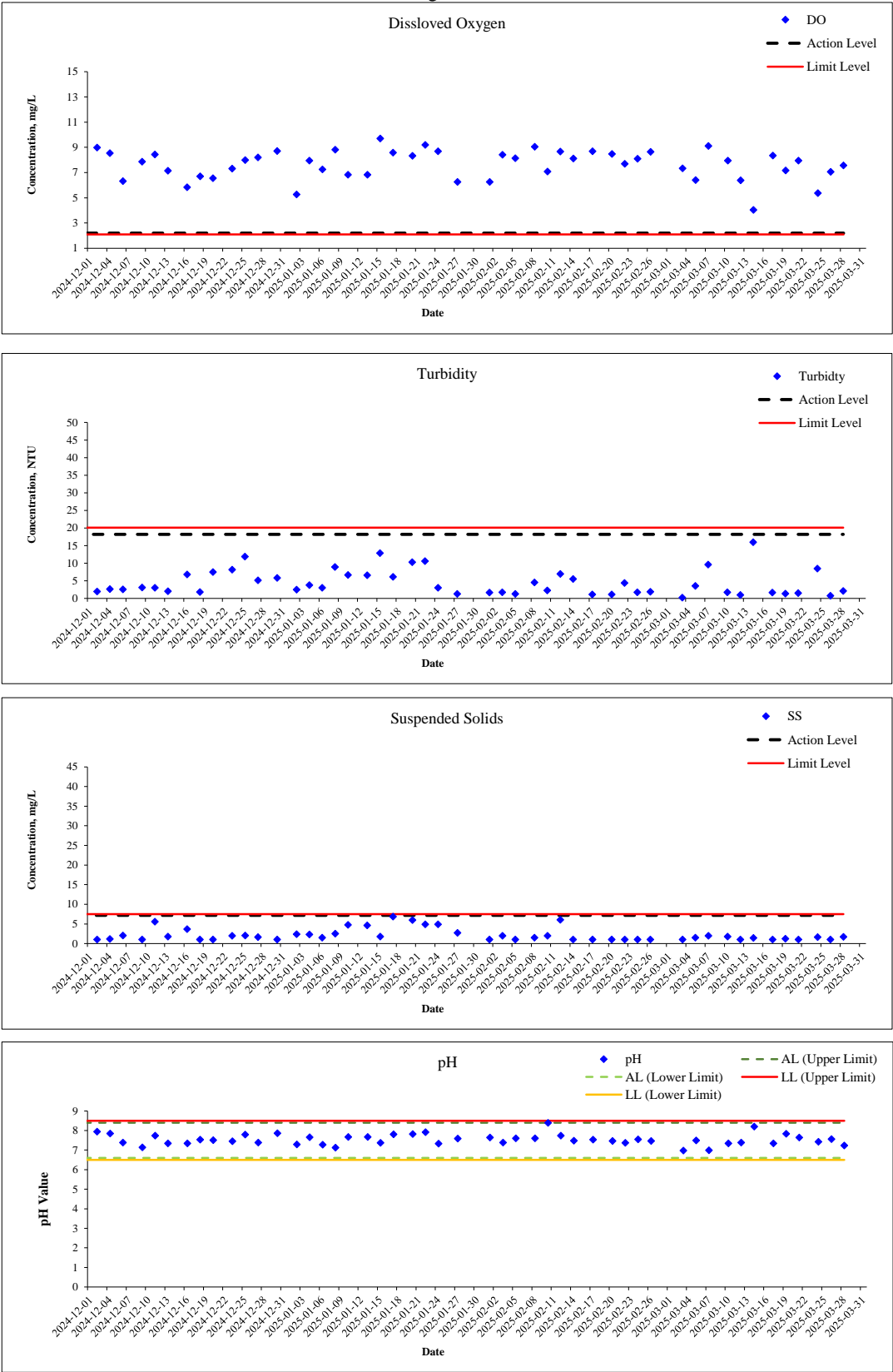
Monitoring Location: SW



### Monitoring Location: U2



Monitoring Location: HT



## Appendix G

### Quality Control Report for Suspended Solids



## Acumen Laboratory and Testing Limited

Workshop 04, 7/F, The Whitney, No. 183 Wai Yip Street, Kwun Tong, Kowloon

Tel: (852) 2333 6823 Fax: (852) 2333 1316

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### Appendix - Quality Control Summary Table

Project Name: Hung Shui Kiu/Ha Tsuen New Development Area Stage 1 Works

		Method Blank Report		Duplicate Report			Sample Spike Report		Pass / Fail
		MDL	Result	Original Result	Duplicate Result	RPD	Spike concentration	Spike Recovery	
Sampling Date	Job No. Unit	mg/L	mg/L	mg/L	mg/L	%	mg/L	%	/
03/03/2025	R250453	0.22	0.09	3.58	3.48	2.83	10	94.0	Pass
05/03/2025	R250464	0.22	0.08	3.29	3.42	-3.87	10	93.2	Pass
07/03/2025	R250502	0.22	0.08	3.89	3.79	2.60	10	93.1	Pass
10/03/2025	R250522	0.22	0.11	3.43	3.53	-2.87	10	93.9	Pass
12/03/2025	R250535	0.22	0.09	5.18	4.93	4.95	10	94.1	Pass
14/03/2025	R250549	0.22	0.11	3.50	3.64	-3.92	10	94.5	Pass
17/03/2025	R250591	0.22	0.07	4.30	4.16	3.31	10	93.6	Pass
19/03/2025	R250609	0.22	0.09	4.84	5.01	-3.45	10	94.5	Pass
21/03/2025	R250615	0.22	0.07	4.72	4.54	3.89	10	94.1	Pass
24/03/2025	R250627	0.22	0.08	4.84	4.98	-2.85	10	93.8	Pass
26/03/2025	R250657	0.22	0.11	3.81	3.68	3.47	10	93.8	Pass
28/03/2025	R250682	0.22	0.08	3.50	3.58	-2.26	10	93.3	Pass
31/03/2025	R250694	0.22	0.07	3.26	3.19	2.17	10	94.1	Pass

## Appendix H

### Event and Action Plan

**Table H1 Event and Action Plan for Water Quality**

Event	Action			
	ET Leader	IEC	ER	Contractor
<b>Action Level</b>				
Action level being exceeded by one sampling day	<ul style="list-style-type: none"> <li>Repeat in-situ measurement to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform IEC and Contractor;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>Discuss mitigation measures with IEC and Contractor;</li> <li>Repeat measurement on next day of exceedance.</li> </ul>	<ul style="list-style-type: none"> <li>Discuss with ET and Contractor on the mitigation measures;</li> <li>Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly;</li> <li>Assess the effectiveness of the implemented mitigation measures.</li> </ul>	<ul style="list-style-type: none"> <li>Discuss with IEC on the proposed mitigation measures;</li> <li>Make agreement on the mitigation measures to be implemented.</li> </ul>	<ul style="list-style-type: none"> <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 ET and IEC and propose mitigation measures to IEC and ER;</li> <li>Implement the agreed mitigation measures.</li> </ul>
Action Level being exceeded by more than one consecutive sampling days	<ul style="list-style-type: none"> <li>Repeat in-situ measurement to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform IEC and Contractor;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>Discuss mitigation measures with IEC and 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> </ul>	<ul style="list-style-type: none"> <li>Discuss with ET and Contractor on the mitigation measures;</li> <li>Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly;</li> <li>Assess the effectiveness of the implemented mitigation measures.</li> </ul>	<ul style="list-style-type: none"> <li>Discuss with IEC on the proposed mitigation measures;</li> <li>Make agreement on the mitigation measures to be implemented;</li> <li>Assess the effectiveness of the implemented mitigation measures</li> </ul>	<ul style="list-style-type: none"> <li>Inform the Engineer and confirm notification of the noncompliance 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 ET and IEC and propose mitigation measures to IEC and ER within 3 working days;</li> <li>Implement the agreed mitigation measures.</li> </ul>

Event	Action			
	ET Leader	IEC	ER	Contractor
<b>Limit Level</b>				
Limit level being exceeded by one sampling day	<ul style="list-style-type: none"> <li>Repeat in-situ measurement to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform IEC and Contractor;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>Discuss mitigation measures with IEC and Contractor;</li> <li>Ensure mitigation measures are implemented;</li> <li>Increase the monitoring frequency to daily until no exceedance of Limit Level.</li> </ul>	<ul style="list-style-type: none"> <li>Discuss with ET and Contractor on the mitigation measures;</li> <li>Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly;</li> <li>Assess the effectiveness of the implemented mitigation measures.</li> </ul>	<ul style="list-style-type: none"> <li>Discuss with IEC, ET and Contractor on the proposed mitigation measures;</li> <li>Request Contractor to critically review the working methods;</li> <li>Make agreement on the mitigation measures to be implemented;</li> <li>Assess the effectiveness of the implemented mitigation measures.</li> </ul>	<ul style="list-style-type: none"> <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 ET, IEC and ER and propose mitigation measures to IEC and ER within 3 working days;</li> <li>Implement the agreed mitigation measures.</li> </ul>
Limit level being exceeded by more than one consecutive sampling days	<ul style="list-style-type: none"> <li>Repeat in-situ measurement to confirm findings;</li> <li>Identify source(s) of impact;</li> <li>Inform IEC, Contractor and EPD;</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>Discuss mitigation measures with IEC, ER and 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> </ul>	<ul style="list-style-type: none"> <li>Discuss with ET and Contractor on the mitigation measures;</li> <li>Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly;</li> <li>Assess the effectiveness of the implemented mitigation measures.</li> </ul>	<ul style="list-style-type: none"> <li>Discuss with IEC, ET and Contractor on the proposed mitigation measures;</li> <li>Request Contractor to critically review the working methods;</li> <li>Make agreement on the mitigation measures to be implemented;</li> <li>Assess the effectiveness of the implemented mitigation measures.</li> <li>Consider and instruct, if necessary the Contractor to slow down or to stop all or part of the marine work</li> </ul>	<ul style="list-style-type: none"> <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 ET, IEC and ER and propose mitigation measures to IEC and ER within 3 working days;</li> <li>Implement the agreed mitigation measures.</li> </ul>

Event	Action			
	ET Leader	IEC	ER	Contractor
			until no exceedance if Limit Level.	<ul style="list-style-type: none"> <li>As directed by the ER, to slow down or to stop all or part of the marine work or construction activities.</li> </ul>

**Table H2 Event/Action Plan for Landscape and Visual**

Event	Action			
	ET	IEC	ER	Contractor
Design Check	1. Check final design conforms to the requirements of EP and prepare report.	1. Check report. 2. Recommend remedial design if necessary.	1. Undertake remedial design if necessary.	-
Nonconformity on one occasion	1. Inform the IEC, ER and the Contractor 2. Discuss remedial actions with IEC, ER and Contractor 3. Monitor remedial actions until rectification has been completed	1. Check inspection report. 2. Check Contractor's working method 3. Discuss with ET, ER and Contractor on possible remedial measures. 4. Advise ER on effective of proposed remedial measures. 5. Check implementation of remedial measures	1. Confirm receipt of notification of nonconformity in writing 2. Review and agree on the remedial measures proposed by the Contractor 3. Ensure remedial measures are properly implemented	1. Identify source and investigate the nonconformity 2. Amend working methods agreed with ER as appropriate 3. Rectify damage and undertake any necessary replacement
Repeated nonconformity	1. Identify sources 2. Inform the Contractor, IEC and ER 3. Discuss inspection frequency 4. Discuss remedial actions with IEC, ER and Contractor 5. Monitor remedial actions until rectification has been completed 6. If nonconformity stops, cease additional monitoring	1. Check inspection report 2. Check Contractor's working method 3. Discuss with ET, ER and Contractor on possible remedial measures 4. Advise ER on effectiveness of proposed remedial measures	1. Notify the Contractor 2. In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented 3. Supervise implementation of remedial measures	1. Identify source and investigate the nonconformity 2. Amend working methods agreed with ER as appropriate 3. Rectify damage and undertake any necessary replacement. 4. Stop relevant portion of works as determined by ER until the nonconformity is abated.

## Appendix I

### Waste Generation in the Reporting Month

Name of Department : Civil Engineering and Development Department

Contract No.: YL/2020/03**Monthly Summary Waste Flow Table for 2025 (year)**

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete ^1	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 '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
Jan	13.068	0.000	0.233	0.000	12.834	0.000	0.000	0.000	0.000	0.000	0.036
Feb	9.435	0.000	0.256	0.000	9.179	0.000	0.000	0.000	0.000	0.000	0.018
Mar	2.200	0.000	0.233	0.000	1.967	0.000	0.000	0.000	0.000	0.000	0.014
Apr											
May											
Jun											
SUB-TOTAL	24.703	0.000	0.722	0.000	23.980	0.000	0.000	0.000	0.000	0.000	0.069
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
TOTAL	24.703	0.000	0.722	0.000	23.980	0.000	0.000	0.000	0.000	0.000	0.069

Notes :

- (1) The performance targets are given in PS Clause 115(14).
- (2) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- (3) Plastics refer to plastic bottles / containers, plastic sheets / foam from packaging materials
- (4) The Contractor shall also submit the latest forecast of the total amount of C&D material expected to be generated from the Works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m<sup>3</sup>.

## Appendix J

### Summary of Complaint, Notification of summons and Prosecution

#### Statistical Summary of Environmental Complaints

Reporting Period	Environmental Complaint Statistics		
	Frequency	Cumulative	Complaint Nature
1 – 31 March 2025	0	0	N/A

#### Statistical Summary of Environmental Summons

Reporting Period	Environmental Summons Statistics		
	Frequency	Cumulative	Details
1 – 31 March 2025	0	0	N/A

#### Statistical Summary of Environmental Prosecution

Reporting Period	Environmental Prosecution Statistics		
	Frequency	Cumulative	Details
1 – 31 March 2025	0	0	N/A

## Appendix K

### Summary of Submission Status under Environmental Permit

## Submission Status Under Environmental Permit EP-528/2017

EP Condition	Title of Submission	Submission Status
2.3	Management Organization of Main Construction Companies	Submitted to the EPD on 15 Nov 2021
2.4	Updated Environmental Monitoring and Audit Manual	Submitted to the EPD on 13 Jul 2022
2.5	Location Plans	Submitted to the EPD on 3 Nov 2022 (1st submission) Submitted to the EPD on 22 May 2023 (2nd submission)
2.6	Supplementary Contamination Assessment Plan (CAP)	Submitted to the EPD on 4 Jul 2022
2.7	Landscape and Visual Mitigation Plan	Submitted to the EPD on 12 Jan 2023 (1st submission) Submitted to the EPD on 8 Jul 2023 (2nd submission) Submitted to the EPD on 7 June 2024 (3rd submission)
2.8	Submission of Traffic Noise Mitigation Plan	According to the approved EIA Report (EIAO Register No. AEIAR-203/2016), no road traffic noise mitigation measures were recommended along the interim section of Road D1 (under Contract No. YL/2020/03). As such, submission of the Traffic Noise Mitigation Plan is not applicable.
3.3	Baseline Monitoring Report	Submitted to the EPD on 28 Oct 2022 (1 <sup>st</sup> Submission) EPD issued comment on 5 May 2023 Submitted to the EPD on 20 Sept 2023 (2 <sup>st</sup> Submission) EPD have no further comments on 5 Jan 2024
3.4	Monthly EM&A Report (December 2022)	Verified by the IEC on 18 Jan 2023
3.4	Monthly EM&A Report (January 2023)	Verified by the IEC on 16 Feb 2023
3.4	Monthly EM&A Report (February 2023)	Verified by the IEC on 15 Mar 2023
3.4	Monthly EM&A Report (March 2023)	Verified by the IEC on 21 Apr 2023
3.4	Monthly EM&A Report (April 2023)	Verified by the IEC on 29 Jun 2023

3.4	Monthly EM&A Report (May 2023)	Verified by the IEC on 29 Jun 2023
3.4	Monthly EM&A Report (June 2023)	Verified by the IEC on 20 Jul 2023
3.4	Monthly EM&A Report (July 2023)	Verified by the IEC on 16 Aug 2023
3.4	Monthly EM&A Report (August 2023)	Verified by the IEC on 18 Sept 2023
3.4	Monthly EM&A Report (September 2023)	Verified by the IEC on 16 Oct 2023
3.4	Monthly EM&A Report (October 2023)	Verified by the IEC on 14 Nov 2023
3.4	Monthly EM&A Report (November 2023)	Verified by the IEC on 15 Dec 2023
3.4	Monthly EM&A Report (December 2023)	Verified by the IEC on 12 Jan 2024
3.4	Monthly EM&A Report (January 2024)	Verified by the IEC on 14 Feb 2024
3.4	Monthly EM&A Report (February 2024)	Verified by the IEC on 14 Mar 2024
3.4	Monthly EM&A Report (March 2024)	Verified by the IEC on 19 Apr 2024
3.4	Monthly EM&A Report (April 2024)	Verified by the IEC on 13 May 2024
3.4	Monthly EM&A Report (May 2024)	Verified by the IEC on 14 Jun 2024
3.4	Monthly EM&A Report (June 2024)	Verified by the IEC on 15 Jul 2024
3.4	Monthly EM&A Report (July 2024)	Verified by the IEC on 14 Aug 2024
3.4	Monthly EM&A Report (August 2024)	Verified by the IEC on 12 Sept 2024
3.4	Monthly EM&A Report (September 2024)	Verified by the IEC on 14 Oct 2024
3.4	Monthly EM&A Report (October 2024)	Verified by the IEC on 18 Nov 2024
3.4	Monthly EM&A Report (November 2024)	Verified by the IEC on 12 Dec 2024

<b>3.4</b>	Monthly EM&A Report (December 2024)	Verified by the IEC on 13 Jan 2025
<b>3.4</b>	Monthly EM&A Report (January 2025)	Verified by the IEC on 12 Feb 2025
<b>3.4</b>	Monthly EM&A Report (February 2025)	Verified by the IEC on 11 Mar 2025
<b>4.2</b>	Dedicated Internet web site	Launched in mid-January 2023

# Appendix L

## Laboratory Report for Suspended Solids

### Test Report

Page 1 of 2

Report Number : Q250003aR250453

Job Number : R250453

Issue Date : 06/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 03/03/2025

Date Samples Received : 03/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250453/1 – 12

Test Period : 03/03/2025 – 04/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250453

Job Number : R250453

Issue Date : 06/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250453/1	03/03/2025	U2	<1.0
R250453/2	03/03/2025	U2#	<1.0
R250453/3	03/03/2025	U1	8.0
R250453/4	03/03/2025	U1#	6.5
R250453/5	03/03/2025	SW	2.1
R250453/6	03/03/2025	SW#	2.0
R250453/7	03/03/2025	HT	<1.0
R250453/8	03/03/2025	HT#	<1.0
R250453/9	03/03/2025	TKW1	<1.0
R250453/10	03/03/2025	TKW1#	<1.0
R250453/11	03/03/2025	TKW	<1.0
R250453/12	03/03/2025	TKW#	<1.0

**Note:**

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2

Report Number : Q250003aR250464

Job Number : R250464

Issue Date : 07/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 05/03/2025

Date Samples Received : 05/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250464/1 – 12

Test Period : 05/03/2025 – 06/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250464  
Job Number : R250464  
Issue Date : 07/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250464/1	05/03/2025	U2	8.6
R250464/2	05/03/2025	U2#	11
R250464/3	05/03/2025	U1	12
R250464/4	05/03/2025	U1#	16
R250464/5	05/03/2025	SW	<1.0
R250464/6	05/03/2025	SW#	<1.0
R250464/7	05/03/2025	HT	1.2
R250464/8	05/03/2025	HT#	1.8
R250464/9	05/03/2025	TKW1	1.3
R250464/10	05/03/2025	TKW1#	1.2
R250464/11	05/03/2025	TKW	1.5
R250464/12	05/03/2025	TKW#	1.4

#### Note:

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*



## Acumen Laboratory and Testing Limited

Workshop 04, 7/F, The Whitney, No. 183 Wai Yip Street, Kwun Tong, Kowloon  
Tel: (852) 2333 6823 Fax: (852) 2333 1316



### Test Report

Page 1 of 2

Report Number : Q250003aR250502

Job Number : R250502

Issue Date : 11/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 07/03/2025

Date Samples Received : 07/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250502/1 – 12

Test Period : 07/03/2025 – 08/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250502

Job Number : R250502

Issue Date : 11/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250502/1	07/03/2025	U2	5.3
R250502/2	07/03/2025	U2#	4.4
R250502/3	07/03/2025	U1	86
R250502/4	07/03/2025	U1#	124
R250502/5	07/03/2025	SW	<1.0
R250502/6	07/03/2025	SW#	<1.0
R250502/7	07/03/2025	HT	2.0
R250502/8	07/03/2025	HT#	1.9
R250502/9	07/03/2025	TKW1	6.3
R250502/10	07/03/2025	TKW1#	5.6
R250502/11	07/03/2025	TKW	6.9
R250502/12	07/03/2025	TKW#	6.9

**Note:**

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2

Report Number : Q250003aR250522

Job Number : R250522

Issue Date : 13/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 10/03/2025

Date Samples Received : 10/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250522/1 – 12

Test Period : 10/03/2025 – 11/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250522

Job Number : R250522

Issue Date : 13/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250522/1	10/03/2025	U2	2.0
R250522/2	10/03/2025	U2#	3.7
R250522/3	10/03/2025	U1	81
R250522/4	10/03/2025	U1#	103
R250522/5	10/03/2025	SW	1.1
R250522/6	10/03/2025	SW#	1.1
R250522/7	10/03/2025	HT	1.8
R250522/8	10/03/2025	HT#	1.8
R250522/9	10/03/2025	TKW1	1.6
R250522/10	10/03/2025	TKW1#	1.2
R250522/11	10/03/2025	TKW	2.3
R250522/12	10/03/2025	TKW#	2.6

#### Note:

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2

Report Number : Q250003aR250535

Job Number : R250535

Issue Date : 14/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 12/03/2025

Date Samples Received : 12/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250535/1 – 12

Test Period : 12/03/2025 – 13/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250535

Job Number : R250535

Issue Date : 14/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250535/1	12/03/2025	U2	<1.0
R250535/2	12/03/2025	U2#	1.2
R250535/3	12/03/2025	U1	12
R250535/4	12/03/2025	U1#	13
R250535/5	12/03/2025	SW	<1.0
R250535/6	12/03/2025	SW#	<1.0
R250535/7	12/03/2025	HT	<1.0
R250535/8	12/03/2025	HT#	<1.0
R250535/9	12/03/2025	TKW1	<1.0
R250535/10	12/03/2025	TKW1#	<1.0
R250535/11	12/03/2025	TKW	<1.0
R250535/12	12/03/2025	TKW#	<1.0

**Note:**

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*



## Acumen Laboratory and Testing Limited

Workshop 04, 7/F, The Whitney, No. 183 Wai Yip Street, Kwun Tong, Kowloon  
Tel: (852) 2333 6823 Fax: (852) 2333 1316



### Test Report

Page 1 of 2

Report Number : Q250003aR250549

Job Number : R250549

Issue Date : 18/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 14/03/2025

Date Samples Received : 14/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250549/1 – 12

Test Period : 17/03/2025 – 18/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250549

Job Number : R250549

Issue Date : 18/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250549/1	14/03/2025	U2	2.7
R250549/2	14/03/2025	U2#	2.8
R250549/3	14/03/2025	U1	151
R250549/4	14/03/2025	U1#	96
R250549/5	14/03/2025	SW	1.5
R250549/6	14/03/2025	SW#	<1.0
R250549/7	14/03/2025	HT	1.4
R250549/8	14/03/2025	HT#	1.5
R250549/9	14/03/2025	TKW1	6.6
R250549/10	14/03/2025	TKW1#	6.7
R250549/11	14/03/2025	TKW	6.9
R250549/12	14/03/2025	TKW#	6.9

#### Note:

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2

Report Number : Q250003aR250591

Job Number : R250591

Issue Date : 21/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 17/03/2025

Date Samples Received : 17/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250591/1 – 12

Test Period : 18/03/2025 – 19/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250591

Job Number : R250591

Issue Date : 21/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250591/1	17/03/2025	U2	9.1
R250591/2	17/03/2025	U2#	9.2
R250591/3	17/03/2025	U1	11
R250591/4	17/03/2025	U1#	14
R250591/5	17/03/2025	SW	<1.0
R250591/6	17/03/2025	SW#	<1.0
R250591/7	17/03/2025	HT	<1.0
R250591/8	17/03/2025	HT#	<1.0
R250591/9	17/03/2025	TKW1	1.0
R250591/10	17/03/2025	TKW1#	1.4
R250591/11	17/03/2025	TKW	1.3
R250591/12	17/03/2025	TKW#	1.2

**Note:**

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2

Report Number : Q250003aR250609

Job Number : R250609

Issue Date : 24/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 19/03/2025

Date Samples Received : 19/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250609/1 – 12

Test Period : 19/03/2025 – 20/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250609  
Job Number : R250609  
Issue Date : 24/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250609/1	19/03/2025	U2	29
R250609/2	19/03/2025	U2#	44
R250609/3	19/03/2025	U1	20
R250609/4	19/03/2025	U1#	26
R250609/5	19/03/2025	SW	2.5
R250609/6	19/03/2025	SW#	2.5
R250609/7	19/03/2025	HT	<1.0
R250609/8	19/03/2025	HT#	1.5
R250609/9	19/03/2025	TKW1	1.6
R250609/10	19/03/2025	TKW1#	1.7
R250609/11	19/03/2025	TKW	1.6
R250609/12	19/03/2025	TKW#	2.3

**Note:**

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2

Report Number : Q250003aR250615

Job Number : R250615

Issue Date : 25/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 21/03/2025

Date Samples Received : 21/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250615/1 – 12

Test Period : 21/03/2025 – 22/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250615

Job Number : R250615

Issue Date : 25/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250615/1	21/03/2025	U2	1.4
R250615/2	21/03/2025	U2#	1.7
R250615/3	21/03/2025	U1	86
R250615/4	21/03/2025	U1#	107
R250615/5	21/03/2025	SW	1.5
R250615/6	21/03/2025	SW#	1.3
R250615/7	21/03/2025	HT	<1.0
R250615/8	21/03/2025	HT#	<1.0
R250615/9	21/03/2025	TKW1	<1.0
R250615/10	21/03/2025	TKW1#	<1.0
R250615/11	21/03/2025	TKW	<1.0
R250615/12	21/03/2025	TKW#	<1.0

**Note:**

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2

Report Number : Q250003aR250627

Job Number : R250627

Issue Date : 27/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 24/03/2025

Date Samples Received : 24/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250627/1 – 12

Test Period : 24/03/2025 – 25/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250627

Job Number : R250627

Issue Date : 27/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250627/1	24/03/2025	U2	<1.0
R250627/2	24/03/2025	U2#	<1.0
R250627/3	24/03/2025	U1	3.8
R250627/4	24/03/2025	U1#	4.0
R250627/5	24/03/2025	SW	1.9
R250627/6	24/03/2025	SW#	1.8
R250627/7	24/03/2025	HT	1.5
R250627/8	24/03/2025	HT#	1.8
R250627/9	24/03/2025	TKW1	<1.0
R250627/10	24/03/2025	TKW1#	<1.0
R250627/11	24/03/2025	TKW	<1.0
R250627/12	24/03/2025	TKW#	<1.0

**Note:**

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2

Report Number : Q250003aR250657

Job Number : R250657

Issue Date : 31/03/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 26/03/2025

Date Samples Received : 26/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250657/1 – 12

Test Period : 26/03/2025 – 27/03/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250657  
Job Number : R250657  
Issue Date : 31/03/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250657/1	26/03/2025	U2	3.8
R250657/2	26/03/2025	U2#	3.9
R250657/3	26/03/2025	U1	3.6
R250657/4	26/03/2025	U1#	4.7
R250657/5	26/03/2025	SW	<1.0
R250657/6	26/03/2025	SW#	<1.0
R250657/7	26/03/2025	HT	<1.0
R250657/8	26/03/2025	HT#	<1.0
R250657/9	26/03/2025	TKW1	7.0
R250657/10	26/03/2025	TKW1#	7.0
R250657/11	26/03/2025	TKW	3.1
R250657/12	26/03/2025	TKW#	2.8

#### Note:

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2


Report Number : Q250003aR250682  
Job Number : R250682  
Issue Date : 01/04/2025  
Applicant Name : Acuity Sustainability Consulting Limited  
Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.  
Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works  
Test Required : Total Suspended Solids (TSS)  
Sampling Date : 28/03/2025  
Date Samples Received : 28/03/2025  
Sample Nature : Wastewater  
Number of Samples Received : 12  
Condition Received : Sample(s) arrived laboratory in chilled condition  
Type of Container : HDPE Plastic Bottles  
Laboratory ID : R250682/1 – 12  
Test Period : 31/03/2025 – 01/04/2025  
Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250682  
Job Number : R250682  
Issue Date : 01/04/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250682/1	28/03/2025	U2	2.4
R250682/2	28/03/2025	U2#	4.1
R250682/3	28/03/2025	U1	1.2
R250682/4	28/03/2025	U1#	1.5
R250682/5	28/03/2025	SW	1.1
R250682/6	28/03/2025	SW#	<1.0
R250682/7	28/03/2025	HT	1.6
R250682/8	28/03/2025	HT#	1.8
R250682/9	28/03/2025	TKW1	<1.0
R250682/10	28/03/2025	TKW1#	1.2
R250682/11	28/03/2025	TKW	<1.0
R250682/12	28/03/2025	TKW#	<1.0

**Note:**

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*

### Test Report

Page 1 of 2

Report Number : Q250003aR250694

Job Number : R250694

Issue Date : 03/04/2025

Applicant Name : Acuity Sustainability Consulting Limited

Applicant Address : Unit 1608, 16/F, Tower B, Manulife Financial Centre, 223 – 231 Wai Yip Street, Kwun Tong, Kowloon Hong Kong S. A. R.

Project Name : Hung Shui Kiu/Ha  
Tsuen New Development Area Stage 1 Works

Test Required : Total Suspended Solids (TSS)

Sampling Date : 31/03/2025

Date Samples Received : 31/03/2025

Sample Nature : Wastewater

Number of Samples Received : 12

Condition Received : Sample(s) arrived laboratory in chilled condition

Type of Container : HDPE Plastic Bottles

Laboratory ID : R250694/1 – 12

Test Period : 31/03/2025 – 01/04/2025


Method Used : APHA 23ed 2540D for Total Suspended Solids

Test Result : Refer to the results on page 2-3.

*For and on behalf of*

Acumen Laboratory and Testing Limited

Authorized Signature :

  
Hui Wai Fung, Huntington

Laboratory Manager

Chemical and Microbiological Division

### Test Report

Page 2 of 2

Report Number : Q250003aR250694

Job Number : R250694

Issue Date : 03/04/2025

### Test Result:

Lab ID	Sampling Date	Client Sample ID	Total Suspended Solids (TSS), mg/L
R250694/1	31/03/2025	U2	1.5
R250694/2	31/03/2025	U2#	1.5
R250694/3	31/03/2025	U1	3.4
R250694/4	31/03/2025	U1#	4.5
R250694/5	31/03/2025	SW	<1.0
R250694/6	31/03/2025	SW#	<1.0
R250694/7	31/03/2025	HT	1.3
R250694/8	31/03/2025	HT#	1.3
R250694/9	31/03/2025	TKW1	1.9
R250694/10	31/03/2025	TKW1#	1.2
R250694/11	31/03/2025	TKW	1.5
R250694/12	31/03/2025	TKW#	2.1

**Note:**

1. mg/L indicates milligram per liter
2. < indicates less than.
3. Reporting limit is 2.5mg/L for 1L sample
4. Reporting limit is 1 mg/L for 2.5L sample
5. Applicant name, applicant address, project name, sampling date, sample ID and sample nature are provided by applicant.
6. The result(s) relate only to the item(s) tested.
7. The result(s) are applied only to the sample(s) received.

\*\*\*End of Report\*\*\*