Drainage Services Department

Contract No. HATS 01/2025

Environmental Team for Hung Shui Kiu Effluent Polishing Plant – Phase 1 (under EP-608/2022/A)

Monthly EM&A Report No. 19 (March 2026)

Version 1.2

Date of Report: 17 April 2026

Certified By	_____
	(Environmental Team Leader: Ms. Betty Choi)

REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

CINOTECH accepts no responsibility for changes made to this report by third parties

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Drainage Services Department
Sewage Services Branch
Harbour Area Treatment Scheme Division
14/F, Drainage Services Tower, 8 Ying Wa Street, Cheung Sha Wan, Kowloon

Attn: Mr. LAU Kai Yan

OUR REFERENCE:
OC004/WKC/AC

YOUR REFERENCE:
-

DATE:
17 April 2026

Dear Sir,

Hung Shui Kiu Effluent Polishing Plant
(Environmental Permit No. EP-608/2022/A)
Verification of Monthly EM&A Report March 2026 (version 1.2)

Reference is made to the submission of Monthly EM&A Report March 2026 (version 1.2) certified by the ET Leader provided via email on 17 April 2026.

We are pleased to inform you that we have no adverse comment on the captioned submission. We hereby verify the Monthly EM&A Report pursuant to Condition 3.4 of the Environmental Permit No. EP-608/2022/A.

Should you have any queries regarding the above, please do not hesitate to contact the undersigned at 2972 1322.

Yours faithfully,
For and on behalf of
AtkinsRéalis Asia Limited

WK Chiu
Independent Environmental Checker

c.c. Cinotech – Ms. Betty Choi (By Email)
c.c. AECOM – Mr. Brian Wong (By Email)
c.c. CS-BBJV – Mr. Brian Kam (By Email)

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EXECUTIVE SUMMARY

Introduction

1. This is the 19th Monthly Environmental Monitoring and Audit (EM&A) Report prepared by the Environmental Team (ET), Cinotech Consultants Ltd., for Contract No. HATS 01/2025 "Environment Team for Hung Shui Kiu Effluent Polishing Plant – Phase 1" (hereinafter called "the Project". This report documents the findings of the EM&A programme under the issued EP No. EP-608/2022/A, and in accordance with the requirements specified in the EM&A Manual during the reporting period from 1 March 2026 to 31 March 2026.

2. The major site activities undertaken in the reporting period are shown in **Table I**.

Table I Major Site Activities in the Reporting Period

Contract No.	Contract Title	Site Activities
DC/2024/11	Hung Shui Kiu Effluent Polishing Plant (HSKEPP) Phase 1 – Civil Works	● Ground investigation work ● Mobilisation work ● Erection of the site office ● H-pilling
DE/2024/09	Hung Shui Kiu Effluent Polishing Plant (HSKEPP) Phase 1 – E&M Works and Biological Treatment Building	● Erection of the site office

Environmental Monitoring Works and Audit

3. Environmental monitoring for the Project had been performed in accordance with the EM&A Manual, and the monitoring results were checked and reviewed. Site Inspections/Audits shall be conducted once per week. The weekly site inspection was conducted on 6, 13, 20 and 27 March 2026 in the reporting month. IEC joint site inspection was conducted on 27 March 2026. The implementation of the environmental mitigation measures, Event Action Plans and environmental complaint handling procedures, including the items responsible by the ET, was also checked.

4. The summary of exceedances in the reporting period for the Project is tabulated in **Table II**.

Table II Exceedance Record for the Project in the Reporting Period

Item	Parameters	No. of Exceedance		No. of Exceedances due to site activities of the Project	
		Action Level	Limit Level	Action Level	Limit Level
Water Quality	DO, mg/L	0	0	0	0
	Turbidity, NTU	1	3	0	0
	SS, mg/L	0	2	0	0
Air Quality	1-hour TSP, $\mu g/m^3$	0	0	0	0

Water Quality Monitoring

5. The water quality monitoring was conducted as scheduled in the reporting period. One (1) Action Level and five (5) Limit Level exceedances were recorded. All exceedances are considered as non-project related. Details are provided in **Appendix E**.

Air Quality Monitoring

6. The air quality monitoring was conducted as scheduled in the reporting period. No Action Level and Limit Level exceedances were recorded. Details are provided in **Appendix G**.

Key Information in the Reporting Period

7. Complaints, notifications of any summonses and prosecutions, as well as public engagement activities during the reporting period, are summarized in **Table III**.

Table III Summary for Key Information in the Reporting Period

Event	Details		Action Taken	Status	Remark
	Number	Nature			
Complaint Received	0	-	N/A	N/A	-
Notifications of any summons & prosecutions received	0	-	N/A	N/A	-
Public Engagement Activities	0	-	N/A	N/A	-

Reporting Change

8. There were no reporting changes during the reporting period.

Future Key Issue

9. The key site activities will be anticipated in the coming three months are shown in **Table IV**.

Table IV Tentative Site Activities in the Next Three Months

Contract No.	Contract Title	Site Activities
DC/2024/11	Hung Shui Kiu Effluent Polishing Plant (HSKEPP) Phase 1 – Civil Works	● Ground investigation work ● Mobilisation work ● Erection of the site office ● H-pilling ● Sheet piling
DE/2024/09	Hung Shui Kiu Effluent Polishing Plant (HSKEPP) Phase 1 – E&M Works and Biological Treatment Building	● Erection of the site office

10. The future key environmental issues in the next three months include:
    - Wastewater and run-off generation on-site;
    - Water spraying for dust-generating activities and on haul road;
    - Accumulation of general refuse and construction waste on-site;
    - Accumulation of a stockpile of soil & weeds from haul road cleaning activities or slope maintenance.

1 INTRODUCTION

Background

1.1 The Hung Shui Kiu Effluent Polishing Plant (HSKEPP) (the Project), which is located in the north-western side of the Hung Shui Kiu / Ha Tsuen New Development Area (HSK/HT NDA). It is designed to provide reliable, adequate and quality sewage treatment and sewage effluent disposal for the sewage collected from the new developments within the HSK/HT NDA and other developments on the North West New Territories (NWNT).

1.2 An Environmental Impact Assessment (EIA) study for the Project was conducted in accordance with EIA Study Brief No. ESB- 312/2019. The EIA Report and Environmental Monitoring and Audit (EM&A) Manual (Register No. AEIAR – 240/2022) were approved on 19 Oct 2022 under the Environmental Impact Assessment Ordinance (EIAO), with an Environmental Permit (EP) granted on 19 Oct 2022 (EP-608/2022). Variation of Environmental Permit (EP-608/2022A) was issued by the Environmental Protection Department (EPD) on 23 Apr 2025.

1.3 According to the approved EM&A Manual of HSKEPP, the EM&A monitoring for the Project includes air quality monitoring and water quality monitoring. Baseline dust and water quality monitoring for HSKEPP was conducted between 24 Jun 2024 and 20 Jul 2024.

1.4 The Contract No. HATS 07/2023 was superseded by Contract No. HATS 01/2025 from Feb 2026. EM&A Works for HSKEPP shall continue and be reported under the new Contract. Cinotech Consultants Limited (Cinotech) was commissioned by the Drainage Services Department (DSD) as the Environmental Team (ET) to undertake environmental monitoring and auditing services for the Project to ensure that the environmental performance of the Works Contract complies with the requirements specified in the EP, EM&A Proposal, Service Specifications and Supporting Documents of the Project and other relevant statutory requirements.

1.5 The commencement date of the construction works of HSKEPP (EP-608/2022 & EP-608/2022/A) was on 6 Sep 2024. A total of 2 Environmental Team contracts for HSKEPP have been conducted to undertake the EM&A works from the commencement of the Project. The inter-relationship between various contracts of the HSKEPP project and submission of previous EM&A reports is shown in **Table 1.1**

Table 1.1 Summary for the inter-relationship between various contracts of the HSKEPP project and submission of previous EM&A reports

Contract No. of the Environment Team for HSKEPP	Environment Team	Submission of the previous monthly EM&A report
HATS 07/2023	WSP (Asia) Limited (WSP)	Sep 2024 to Jan 2026
HATS 01/2025	Cinotech Consultants Ltd.	Since Feb 2026

General Description of the Project

1.6 The key elements of this Project are listed below:

- Demolition of existing structures and buildings within San Wai Preliminary Treatment Works (SWPTW) for the construction of HSKEPP facilities;
- Construction of a sewage treatment plant with a maximum capacity of Average Dry Weather Flow (ADWF) up to 90,000 m^3/day;
- Construction of sludge treatment facilities for treating sludge generated from Hung Shui Kiu (HSK) Effluent Polishing Plant (EPP) and additional sludge generated from the San Wai Sewage Treatment Works (STW) and other nearby STWs;
- Construction of facilities for receiving and co-digesting pre-treated food or organic wastes;
- Construction of effluent discharge pipe connecting to the existing discharge tunnel of San Wai STW; and
- Associated ancillary works.

1.7 The layout plan of the Project is shown in **Figure 1.1**.

Purpose of the Report

1.8 This is the 19th Monthly EM&A Report prepared by the Environmental Team, Cinotech Consultants Ltd., for Contract No. HATS 01/2025 "Hung Shui Kiu Effluent Polishing Plant – Phase 1", which summarises the impact monitoring results and audit findings in accordance with the requirement specified in the EM&A Manual (AEIAR-240/2022) for HSKEPP approved on 19 October 2022 during the reporting period from 1 March 2026 to 31 March 2026.

Summary of EM&A Requirements

1.9 The EM&A programme specified in the EM&A Proposal requires water quality monitoring, air quality monitoring, environmental site audit, etc. The EM&A requirements for each parameter are described in the following sections, including:

- All monitoring parameters;
- Action and Limit levels for all environmental parameters;
- Event and Action Plans;
- Environmental mitigation measures, as recommended in the EIA Reports, Environmental Review Reports and the EM&A Proposal.

1.10 The advice on the implementation status of environmental protection and pollution control/mitigation measures is summarised in Section 6 of this report.

1.11 This report presents the monitoring results, observations, locations, equipment, period, methodology and QA/QC procedures of the required water quality monitoring, air quality monitoring and audit works for the Project in the reporting period.

Project Organisations

1.12 Different Parties with different levels of involvement in the project organisation include:

- Permit Holder – Drainage Services Department (DSD)

- Project Manager or Project Manager's Delegates − AECOM (Asia) Consultants Limited (AECOM)
- Environmental Team (ET) − Cinotech Consultants Limited (Cinotech)
- Independent Environmental Checker (IEC) − AtkinsRéalis Asia Limited (AtkinsRéalis)
- Contractor (DC/2024/11)− China State - Best Build Joint Venture (CSBBJV)
- Contractor (DE/2024/09) − REC Engineering - Chevalier (Envirotech) Limited Joint Venture (REC-CEL JV)

1.13 The key contacts of the Project are listed in **Table 1.2**.

Table 1.2 Key Project Contacts

Party	Role	Contact Person	Position	Phone No.
DSD	Project Proponent	Mr. Gabriel Lau	Engr/6 (Harbour Area Treatment Scheme)	3965 8629
AECOM	Project Manager or Project Manager's Delegates	Mr. Brian Wong	Associate	3856 5082
Cinotech	Environmental Team (ET)	Ms. Betty Choi	ET Leader	2151 2072
AtkinsRéalis	Independent Environmental Checker (IEC)	Mr. W. K. Chiu	Independent Environmental Checker	2972 1322
CSBBJV	Contractor (DC/2024/11)	Ms. Tiffany Tsang	Environmental Officer	5117 9020
REC-CEL JV	Contractor (DE/2024/09)	Mr. Stephen Tsang	Environmental Officer	9686 0787

1.14 The Organisational Structure for Environmental Management is shown in **Figure 1.2**.

Construction Activities undertaken during the Reporting Period

1.15 The construction programme is presented in **Appendix M**.

1.16 The major site activities undertaken in the reporting period are shown in **Table 1.3**.

Table 1.3 Major Site Activities in the Reporting Period

Contract No.	Contract Title	Major Site Activities
DC/2024/11	Hung Shui Kiu Effluent Polishing Plant (HSKEPP) Phase 1 – Civil Works	● Ground investigation work ● Mobilisation work ● Erection of the site office ● H-pilling
DE/2024/09	Hung Shui Kiu Effluent Polishing Plant (HSKEPP) Phase 1 – E&M Works and Biological Treatment Building	● Erection of the site office

Status of Environmental Licenses and Permits

1.17 All relevant permits/licences obtained for this Project under Contract DC/2024/11 and DE/2024/09 are summarised in **Table 1.4** and **Table 1.5**, respectively.

Table 1.4 Summary of Environmental Licenses and Permits under Contract DC/2024/11

Permit / License No.	Valid Period		Status
	From	To	
Environmental Permit (EP)			
EP-608/2022/A	23 Apr 2025	N/A	Valid
Notification pursuant to Air Pollution Control (Construction Dust) Regulation			
10018879	30 Jun 2025	End of Project	Valid
Billing Account for Construction Waste Disposal			
7055204	22 Jul 2025	N/A	Valid
Registration of Chemical Waste Producer			
WPN-5213-511-C5120-01	13 Oct 2025	N/A	Valid
Wastewater Discharge License			
WT000480221-2026 (Western Plant)	22 Jan 2026	31 Jan 2031	Valid
Construction Noise Permit			
PP-RN0003-26 (Percussive Piling)	4 Feb 2026	3 May 2026	Valid
GW- RN0121-26	2 Feb 2026	1 May 2026	Valid

Table 1.5 Summary of Environmental Licenses and Permits under Contract DE/2024/09

Permit / License No.	Valid Period		Status
	From	To	
Environmental Permit (EP)			
EP-608/2022/A	23 Apr 2025	N/A	Valid
Notification pursuant to Air Pollution Control (Construction Dust) Regulation			
N/A	N/A	N/A	Apply when necessary
Billing Account for Construction Waste Disposal			
7055160	14 Jul 2025	N/A	Valid
Registration of Chemical Waste Producer			
N/A	N/A	N/A	Apply when necessary
Wastewater Discharge License			
N/A	N/A	N/A	Apply when necessary
Construction Noise Permit			
N/A	N/A	N/A	Apply when necessary

2 WATER QUALITY

Monitoring Requirements

2.1 In accordance with the EM&A Manual, impact water quality monitoring shall be carried out during the construction phase. The impact of water quality monitoring should be taken at all designated monitoring stations 3 days per week. The intervals between two sampling surveys should not be less than 36 hours. **Appendix A** shows the established Action/Limit Levels for the environmental monitoring works.

2.2 Duplicate in-situ measurements (Dissolved Oxygen (DO) concentration, turbidity and pH) and water samples (Suspended Solids (SS) at specific depth were monitored in accordance with the requirements in the EM&A Proposal.

2.3 Other relevant data were also recorded, such as monitoring location/position, time, sampling depth, weather conditions and any special phenomena or work underway nearby.

Monitoring Locations

2.4 According to the Contract Specification, water quality monitoring is required to be conducted at two monitoring stations (one upstream control station and one downstream impact station). The monitoring stations are summarised in **Table 2.1** and shown in **Figure 2.1**.

Table 2.1 Location of Water Quality Monitoring

Stations	Locations	Coordinates (HK1980)	
		Easting (m)	Northing (m)
C1	Control Station at the upstream location of the construction site	816278	834038
M1	Impact station at the downstream location of the construction site	816571	833970

Monitoring Parameters and Frequency

2.5 **Table 2.2** summarises the monitoring parameters of the impact of water quality monitoring.

Table 2.2 Water Quality Monitoring Parameters and Frequency

Stations	Parameters (unit)	Depth	Frequency
C1 M1	**In-situ:** ● Temperature(°C) ● pH (pH units) ● Turbidity (NTU) ● Water depth (cm) ● Salinity (ppt) ● Dissolved oxygen (DO) (mg/L and % of saturation) **Laboratory Testing:** ● Suspended solids (SS) (mg/L)	Mid-depth at the River/Steam	3 days per week

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

Monitoring Equipment

2.7 The equipment used in the water quality monitoring programme is listed in **Table 2.3**. The copies of the calibration certificates of the multi-parameter water quality system are shown in **Appendix B**. The adopted equipment fulfils the requirements specified in the EM&A Programme as detailed in the following paragraphs.

Table 2.3 Water Quality Monitoring Equipment

Equipment	Model	Serial No.	Qty.
Multi-parameter Water Quality System	YSI EXO 1	16J100880 (for Sonde) 17A105025 (for DO Sensor) 17A105120(for Temperature Sensor) 16J101124 (for Turbidity Sensor) 17B100258(for pH Sensor)	1

Dissolved Oxygen (DO) and Temperature

2.8 A portable and weatherproof instrument for measuring dissolved oxygen and temperature with a cable, sensor, and DC power source was adopted. The equipment is capable of measuring:

- DO level in the range of 0-20 mg/L and 0-200% saturation; and
- temperature in the range of 0-45 degrees Celsius.

Turbidity

2.9 A portable and weatherproof instrument with a DC power source was adopted. Its photoelectric sensor is capable of measuring turbidity between 0 and 1000 NTU.

Water Sampler

2.10 A small sampler with an extendable rod was used for water sampling due to the shallow water (water depth < 50cm) during the dry season at the monitoring stations. In all cases, the sampler had been submerged in the mid-water column before collecting water samples.

Water Depth Detector

2.11 Due to the shallow water (water depth < 50cm) at the monitoring stations, stainless steel rulers were proposed to determine the water depth.

Salinity

2.12 A portable salinometer capable of measuring salinity in the range 0 – 40 parts per thousand (ppt) was adopted for measuring the salinity of the water at each designated monitoring station.

pH

2.13 Instrument consists of a potentiometer, a glass electrode, a reference electrode and a temperature-compensating device. The instrument provides measurement precision of 0.1 pH in a range of 0 to 14. Standard buffer solutions of at least pH 7 and pH 10 were used for checking the instrument before and after use.

Sample Containers and Storage

2.14 Water samples for SS and zinc were stored in high-density polythene bottles with no preservative added, packed in ice or ice-cold insulator (cooled to 4°C without being frozen) and delivered to the laboratory and analysed as soon as possible after collection. Sufficient volume of samples was collected to achieve the detection limits stated in **Table 2.5**.

2.15 **Table 2.4** summarises the type of sampling bottles and preservation method for laboratory testing. All sampling bottles were labelled (waterproof) with the sample lot number and sampling location reference number to avoid mishandling.

Table 2.4 Types of Sampling Bottles and Preservation Methods

Parameters to be Tested	Preservation	Type of Sample Container
Total Suspended Solids (SS)	Refrigerate	1-litre high-density polythene bottle

Calibration of In-situ Instruments

2.16 All in-situ monitoring instruments checked, calibrated and certified by a laboratory accredited under HOKLAS or any other international accreditation scheme before use and subsequently re-calibrated at 3-monthly intervals throughout all stages of the water quality monitoring. Responses of sensors and electrodes are checked with certified standard solutions before each use. Wet bulb calibration for a DO meter is carried out before measurement at each monitoring location. They were certified by High Precision Chemical Testing Ltd. (HOKLAS Registration No.296).

2.17 Sufficient stocks of spare parts, i.e., spare cables and sensors, have been maintained for replacements when necessary. Backup monitoring equipment was also available so that monitoring can proceed uninterrupted even when some equipment is under maintenance, calibration, etc.

Monitoring Methodology and QA/QC Procedure

In-situ Measurement

2.18 A multi-parameter meter (YSI EXO-01) was used to measure Dissolved Oxygen (DO) concentration, DO saturation (DO %), pH, temperature and turbidity

2.19 At each monitoring location, two consecutive measurements were taken for water samples being collected on site. The probes were retrieved from the water after the first measurement and then redeployed 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.

2.20 For SS, water samples from the middle layer were collected. Water samples of adequate volume specified by the laboratory were collected and stored in high-density polythene bottles provided by the laboratory. Water samples were packed in ice and cooled to 4°C (without being frozen), delivered to a HOKLAS-accredited laboratory, High Precision Chemical Testing Ltd. (HOKLAS Registration No.296), for laboratory analysis of water samples as soon as possible after collection.

Laboratory Analytical Methods

2.21 The testing of SS was conducted by High Precision Chemical Testing Ltd. (HOKLAS Registration No.296), and comprehensive quality assurance and control procedures were in place to ensure quality and consistency in results. The SS determination work starts within 24 hours after the collection of the water samples. The testing method and limit of reporting are provided in **Table 2.5**.

Table 2.5 Methods for Laboratory Analysis for Water Samples

Parameters	Proposed Method	Detection Limit
Suspended Solids (SS)	APHA 2540D (1)	1.0 mg/L(2)

Note:
(1) APHA American Public Health Association Standard Methods for the Examination of Water and Wastewater.
(2) If the lab result of SS concentration at the control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

QA/QC Procedure

2.22 All QA/QC results, including blank, spike recovery, number of duplicate samples per batch, etc., are reported in accordance with the requirements of HOKLAS or an international accredited scheme. detection limits and accuracy submitted to EPD for approval before the commencement of the monitoring programme. EPD may also request the laboratory to carry out analysis of known standards provided by EPD for quality assurance.

2.23 Additional duplicate samples may be required by EPD for inter-laboratory calibration. Remaining samples after analysis are kept by the laboratory for 3 months in case repeat analysis is required. If in-house or non-standard methods are proposed, details of the method verification may also require submission to EPD. In any circumstance, the sample testing has comprehensive quality assurance and quality control programmes. The laboratory prepares to demonstrate the programmes to EPD or its representatives when requested.

Decontamination Procedures

2.24 Water sampling equipment used during the course of the monitoring programme was decontaminated by manual washing and rinsing with clean river water or bottled water after each sampling event.

Sampling Management and Supervision

2.25 Water samples were dispatched to the testing laboratory for analysis as soon as possible after the sampling. All samples were stored in a cool box and kept at less than 4ºC 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.

2.26 QA/QC reports by the HOKLAS-accredited laboratory, High Precision Chemical Testing Ltd. (HOKLAS Registration No.296), are attached with the laboratory testing report in **Appendix F**.

Results and Observations

2.27 Calculated Action and Limit Levels for water quality are presented in **Table 2.6** below.

Table 2.6 Calculated Action and Limit Levels of Water Quality Monitoring

Parameters	Unit	Action Level	Limit Level
DO (1)	mg/L	≤ 3.8 (3)(4)	≤ 3.7 (3)(4)
Turbidity (2)	NTU	≥ 17.2 (3) or 120% of the upstream control station(s) at the same tide of the same day, whichever is higher	≥ 17.7 (3) or 130% of the upstream control station(s) at the same tide of the same day, whichever is higher
SS (2)	mg/L	≥ 25.0 (3) or 120% of the upstream control station(s) at the same tide of the same day, whichever is higher	≥ 26.0 (3) or 130% of the upstream control station(s) at the same tide of the same day, whichever is higher

Note:
(1) For DO, non-compliance with the water quality limits occurs when the monitoring result is lower than the limits.
(2) For turbidity & SS, non-compliance with the water quality limits occurs when the monitoring result is higher than the limits.
(3) Average concentrations with duplicates have been adopted in the calculation.
(4) The calculated action/limit levels of DO are the same after correcting to the nearest 0.1mg/L.

2.28 The water quality monitoring was conducted as scheduled in the reporting period. The detailed monitoring schedule is shown in **Appendix C**.

2.29 The weather information for the reporting period is summarised in **Appendix D**.

2.30 The in-situ monitoring results and graphical presentation are shown in **Appendix E**. The laboratory testing reports of suspended solids are also given in **Appendix F**.

2.31 No Action and Limit Level exceedance was recorded for Dissolved Oxygen (DO) of water quality monitoring in the reporting period.

2.32 One (1) Action Level and three (3) Limit Level exceedances were recorded for Turbidity (TUR) of water quality monitoring in the reporting period. All exceedances are considered as non-project related.

2.33 No Action Level exceedances were recorded for Suspended Solids (SS) of the water quality monitoring, while two (2) Limit Level exceedances were identified in SS in the reporting period. All exceedances are considered as non-project related.

2.34 **Table 2.7** shows the number of exceedances recorded in all water quality monitoring in the reporting period. The summary of the exceedance records and the investigation report for the exceedances in the reporting period is shown in **Appendix H**.

Table 2.7 Number of Exceedances in Water Quality Monitoring in Reporting Period

Parameters	No. of Exceedance		No. of Exceedances due to site activities of the Project	
	Action Level	Limit Level	Action Level	Limit Level
DO, mg/L	0	0	0	0
Turbidity, NTU	1	3	0	0
SS, mg/L	0	2	0	0
Total	**1**	**5**	**0**	**0**

2.35 Site audits were carried out weekly to monitor and audit the timely implementation of water quality within the site boundaries of the Project. The summary of site audits is shown in **Tables 6.1** and **6.2** of this report.

2.36 According to our field observations, the major influencing factors on the water quality monitoring results are summarised in **Table 2.8**.

Table 2.8 Major Influencing Factors on Water Quality Monitoring Results

Monitoring Stations	Influencing Factors on Water Quality Monitoring
C1 - Control Station	● General refuse accumulation surrounding the steam ● Suspected muddy water discharges from the blue pipe placed in the stream from the CEDD construction site
M1 - Impact Station	

3 AIR QUALITY

Monitoring Requirements

3.1 According to the approved EM&A Manual for HSKEPP of the Project, 1-hour Total Suspended Particulates (TSP) monitoring was conducted to monitor the air quality for this Project. The sampling frequency of 1-hour TSP monitoring, at least three times in every six days, shall be undertaken when the highest dust impact occurs. **Appendix A** shows the established Action/Limit Levels for the environmental monitoring works.

Monitoring Locations

3.2 Three (3) designated monitoring stations were selected for the air quality monitoring programme. **Table 3.1** describes the air quality monitoring locations, which are also depicted in **Figure 3.1**.

Table 3.1 Locations for Air Quality Monitoring

Monitoring Stations	Locations	Location of Measurement
AM1	Tseung Kong Wai	Ground Level
AM2	Farm House	Ground Level
AM3 (1)	Planned Port Back-up, Storage and Workshop	N/A

Note:
(1) Air quality impact monitoring station AM3 has been suspended since Nov 2024.

3.3 According to the previous ET's monitoring team, AM3 was blocked on 1 Nov 2024 for its construction works of the Port Back-up, Storage and Workshop use. Based on the communications among ET, DSD, IEC and EPD, all parties have no comment on the suspension of air quality impact monitoring at AM3 until the construction works at AM3 are completed. Details can be referred to Appendix L of the Monthly EM&A Report for Nov 2024.

Monitoring Parameters and Frequency

3.4 **Table 3.2** summarises the monitoring parameters, monitoring period and frequencies of impact air quality monitoring. The monitoring schedule is shown in **Appendix C**.

Table 3.2 Impact Dust Monitoring Parameters, Frequency and Duration

Monitoring Stations	Parameter	Period	Frequency
AM1, AM2 & AM3(1)	1-hour TSP	0700 – 1900	Three times / six days

Note:
(1) Air quality impact monitoring station AM3 has been suspended since Nov 2024.

Monitoring Equipment

3.5 The 1-hour sampling was determined by HVS to check the validity and accuracy of the results measured by the direct reading method.

3.6 **Table 3.3** summarises the equipment to be used for air quality monitoring. Copies of calibration certificates are attached in **Appendix B**.

Table 3.3 Air Quality Monitoring Equipment

Equipment	Model and Make	Serial No.	Quantity
1-hour TSP Dust Meter	Sibata Model No.: LD-5R	4X7585 4X7586	2
HVS for Calibration/Maintenance	GMW GS2310	10379	1
Calibrator	TISCH Model: TE-5025A	3864	1

Monitoring Methodology and QA/QC Procedure

1-hour TSP Monitoring

Measuring Procedures

3.7 The measuring procedures of the 1-hour dust meters were in accordance with the Manufacturer's Instruction Manual as follows: *(*Sibata Model No.: LD-5R*)*

- The 1-hour dust meter is placed at least 1.3 meters above ground.
- Set POWER to "ON" and make sure that the battery level is not flashing or at a low level.
- Allow the instrument to stand for about 3 minutes, and then the cap of the air sampling inlet has been released.
- Push the knob to the MEASURE position.
- Set time/mode setting to [BG] by pushing the time setting switch. Then, start the background measurement by pushing the start/stop switch once. It will take 6 sec. to complete the background measurement.
- Push the time setting switch to change the time setting display to [MANUAL] at the bottom left of the liquid crystal display.
- Finally, push the start/stop switch to stop the measuring after 1 hour of sampling.
- Information such as sampling date, time, count value and site condition was recorded during the monitoring period.

Maintenance/Calibration

3.8 The following maintenance/calibration was required for the direct dust meters:

- Check and calibrate the meter by HVS to check the validity and accuracy of the results measured by the direct reading method at 2-month intervals throughout all stages of the air quality monitoring.

3.9 Adoption of the wind data from the existing automatic wind station, i.e. Lau Fau Shan, operated by Hong Kong Observatory (HKO), rather than setting up wind data monitoring equipment, is based on the following justifications:

- The Lau Fan Shan automatic wind station is located in the vicinity of the designated monitoring locations. This Automatic wind station (22°28'08", 113°59'01") is located at the north of the Project, and the anemometer is set up at 31m above mean sea level. It is clear of obstructions or turbulence caused by the buildings.

- This automatic wind station was considered as the closest wind station to the Project that could provide representative wind data in the Hung Shui Kiu area; and
- Wind data collected by HKO was considered as a reliable data source for the wind data; it is widely used in many EM&A Projects (e.g. Expansion of Hong Kong International Airport into a Three-runway System, Siu Ho Wan Station and Siu Ho Wan Depot Replanning Works – Advance Construction Works). The dataset is more accurate and reliable, which can be downloaded periodically with a real-time data logger.

3.10 The data collected from Lau Fau Shan were used to check the wind speed and wind direction. This weather information for the reporting month is summarised in **Appendix D**.

Results and Observations

3.11 All 1-hour TSP monitoring was conducted at the operating monitoring stations as scheduled in the reporting period. The monitoring schedule is shown in **Appendix C**

3.12 The weather information for the reporting period is summarised in **Appendix D**.

3.13 The monitoring data and graphical presentations of 1-hour TSP monitoring results are shown in **Appendix G**.

3.14 No Action and Limit Level exceedance of the 1-hour TSP monitoring was recorded in the reporting period.

3.15 No exceedance was recorded for the air quality monitoring. The summary of the exceedance record in the reporting period is shown in **Appendix H**.

3.16 Site audits were carried out weekly to monitor and audit the timely implementation of air quality mitigation measures within the site boundaries of the Project. The summary of site audits is shown in **Tables 6.1** and **6.2** of this report.

3.17 According to our field observations, the major influencing factors on the air quality monitoring results are summarised in **Table 3.4**.

Table 3.4 Major Influencing Factors on Air Quality Monitoring Results

Monitoring Stations	Influencing Factors on Air Quality Monitoring
AM1 - Tseung Kong Wai	● Road Traffic at Ha Tsuen Road & the surrounding vintage road ● Non-project related construction activities and storage of dusty material from the CEDD project site managed by Gammon – Richwell Engineering Joint Venture
AM2 - Farm House	● Road Traffic at Ha Tsuen Road & the surrounding vintage road ● Non-project related construction activities from the CEDD project site managed by Sang Hing – Kuly Joint Venture & Gammon – Richwell Engineering Joint Venture
AM3 - Planned Port Back-up, Storage and Workshop (1)	● N/A

Note:
(1) Air quality impact monitoring station AM3 has been suspended since Nov 2024.

Comparison of EM&A Result with EIA Prediction

3.18 The air monitoring data were compared with the predictions in the EIA Report (as approved in 2013), as summarised in **Table 3.5**.

Table 3.5 Comparison of 1-hr TSP Monitoring Data with Predictions in EIA Report

Monitoring Stations	ASR ID	Predicted Maximum 1-hr TSP Concentration in EIA Report (AEIAR-240/2022), µg/m3	Reporting Month Result, µg/m^3
AM1 - Tseung Kong Wai	A601	154.0	24.7 – 131.1
AM2 - Farm House	A602	215.1	15.4 – 125.4
AM3 - Planned Port Back-up, Storage and Workshop (1)	P1501	234.6	N/A

Note:
(1) Air quality impact monitoring station AM3 has been suspended since Nov 2024.

3.19 The maximum 1-hour TSP concentration at AM1 & AM2 in the reporting month was lower than the prediction in the EIA Report (AEIAR-240/2022).

4 WASTE MANAGEMENT

Monitoring Requirements

4.1 Waste generated from this Project includes inert construction and demolition (C&D) materials and non-inert C&D materials. Inert C&D waste includes soil, broken rock, broken concrete and building debris, while non-inert C&D materials are made up of C&D waste which cannot be reused or recycled and has to be disposed of at the designated landfill sites.

Results and Observations

4.2 The quantities of different types of waste generated by Contract DC/2024/11 and Contract DE/2024/09 in the reporting period are summarised in **Tables 4.1** and **4.2**, respectively. Details of the amount of waste generated by the major site activities of the Project during the reporting period are shown in **Appendix L**.

Table 4.1 Quantities of Waste Generated from Contract DC/2024/11

Contract DC/2024/11	Quantity						
	Inert C&D Materials		Non-inert C&D Materials				
Reporting Period	Total Quantity Generated (in '000kg)	Disposed as Public Fill (in '000kg)	Others, e.g. general refuse (in '000kg)	Metals (in '000kg)	Paper/cardboard Packaging (in '000kg)	Plastics (in '000kg)	Chemical waste (in '000kg)
Mar 2026	1237.3	1237.3	16.7	0	0	0	0

Table 4.2 Quantities of Waste Generated from Contract DE/2024/09

Contract DE/2024/09	Quantity						
	Inert C&D Materials		Non-inert C&D Materials				
Reporting Period	Total Quantity Generated (in '000kg)	Disposed as Public Fill (in '000kg)	Others, e.g. general refuse (in '000kg)	Metals (in '000kg)	Paper/cardboard Packaging (in '000kg)	Plastics (in '000kg)	Chemical waste (in '000kg)
Mar 2026	6.33	6.33	5.42	0	0	0	0

4.3 Site audits were carried out weekly to monitor and audit to ensure that proper storage, transportation, and disposal practices of waste materials generated during construction activities, such as construction and demolition (C&D) materials and general refuse, are being implemented. The summary of site audits is shown in **Tables 6.1** and **6.2** of this report**.** The implementation status of the waste/chemical management measures in the reporting period is summarised in **Appendix I**.

5 LANDSCAPE AND VISUAL

Monitoring Requirements

5.1 According to the EM&A Manual, site audits would be undertaken during the construction phase of the Project to check that the proposed landscape and visual mitigation measures are properly implemented and maintained as per their intended objectives. Site inspections of the implementation of landscape and visual mitigation measures would be undertaken regularly during the construction period.

5.2 Site inspection of the implementation of landscape and visual mitigation measures was undertaken by the ET at least once every month during the construction period.

Results and Observations

5.3 Site inspection of the implementation of landscape and visual mitigation measures within the site boundaries of this Project was conducted on 6 March 2026. The implementation status of the landscape and visual mitigation measures in the reporting period is summarised in **Appendix I**. The summary of observations and recommendations made for landscape and visual mitigation measures during site audits is shown in **Tables 6.1** and **6.2** of this report.

5.4 No non-compliance with the landscape and visual impact was recorded in the reporting period.

6 ENVIRONMENTAL AUDIT

Site Audits

6.1 Site audits were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures on the Project site.

6.2 Site audits for the Project were conducted on 6, 13, 20, & 27 March 2026 in the reporting period. Joint site inspection with the representative of IEC was conducted on 27 March 2026. No non-compliance was observed during the site audit.

Review of Environmental Monitoring Procedures

6.3 The monitoring work conducted by the monitoring team was inspected regularly. The following procedures have been recorded for the monitoring works:

Water Quality Monitoring

- The Water Quality Monitoring was conducted as scheduled in the reporting month.
- The monitoring team recorded all observations surrounding the monitoring stations C1 & M1, which might affect the monitoring result.
- The monitoring team confirmed the pH meter, DO meter and turbidimeter were checked and calibrated.
- The monitoring team recorded the temperature, time, water depth and weather conditions during the sampling processes.
- The Environmental Team followed the Event and Action Plan after the exceedance was recorded.

Air Quality Monitoring

- The Air Quality Monitoring was conducted as scheduled in the reporting month
- The monitoring team recorded all observations around the monitoring stations within and outside the construction site.
- The monitoring team recorded the temperature, time and weather conditions on the monitoring days.

Implementation Status of Environmental Mitigation Measures

6.4 According to the Environmental Permit, the approved EIA Report (Register No.: AEIAR-240/2022), and the EM&A Manual of the Project, the mitigation measures detailed in the documents are recommended to be implemented during the construction phase. An Environmental Mitigation Implementation Schedule (EMIS) is provided in **Appendix I**.

6.5 The ET weekly site inspections were carried out during the reporting period, and the observations, reminders, and follow-up actions for Contract DC/2024/11 and Contract DE/2024/09 are summarised in **Table 6.1** and **Table 6.2**, respectively.

Table 6.1 Observations and Recommendations of Site Audit under Contract DC/2024/11

Parameters	Date	Observations	Follow-up Actions
Water Quality	N/A	No environmental deficiency was identified in the reporting period.	N/A
Air Quality	20 Mar 2026	Haul road should be watered regularly to avoid dust generation at Western site.	Water spraying in the works area was observed.
Noise	N/A	No environmental deficiency was identified in the reporting period.	N/A
Waste / Chemical Management	N/A	No environmental deficiency was identified in the reporting period.	N/A
Land Contamination	N/A	No environmental deficiency was identified in the reporting period.	N/A
Landscape and Visual	N/A	No environmental deficiency was identified in the reporting period.	N/A
Permits /Licences	N/A	No environmental deficiency was identified in the reporting period.	N/A

Table 6.2 Observations and Recommendations of Site Audit under Contract DE/2024/09

Parameters	Date	Observations	Follow-up Actions
Water Quality	N/A	No environmental deficiency was identified in the reporting period.	N/A
Air Quality	N/A	No environmental deficiency was identified in the reporting period.	N/A
Noise	N/A	No environmental deficiency was identified in the reporting period.	N/A
Waste / Chemical Management	N/A	No environmental deficiency was identified in the reporting period.	N/A
Land Contamination	N/A	No environmental deficiency was identified in the reporting period.	N/A
Landscape and Visual	N/A	No environmental deficiency was identified in the reporting period.	N/A
Permits /Licences	N/A	No environmental deficiency was identified in the reporting period.	N/A

Implementation Status of Event and Action Plans

6.6 The Event Action Plans for water quality and air quality are presented in **Appendix J**.

Water Quality Monitoring

6.7 One (1) Action Level and five (5) Limit Level exceedances for water quality monitoring were recorded in the reporting period. All exceedances are considered as non-project related.

Air Quality Monitoring

6.8 No Action Level and Limit Level exceedances for air quality monitoring were recorded in the reporting period.

Summary of Complaint, Warning, Notification of any Summons and Successful Prosecution

6.9 No environmental complaints and environmental warnings, notifications of summons and successful prosecutions were received in the reporting period.

6.10 The summary of environmental complaint, warning, summons and notification of successful prosecution for the Project is presented in **Appendix K**.

7 FUTURE KEY ISSUES

7.1 Tentative construction programmes for the next three months are provided in **Appendix O**. The key site activities will be anticipated in the coming three months are shown in **Table 7.1**.

Table 7.1 Tentative Site Activities in the Next Three Months

Contract No.	Contract Title	Site Activities
DC/2024/11	Hung Shui Kiu Effluent Polishing Plant (HSKEPP) Phase 1 – Civil Works	● Ground investigation work ● Mobilisation work ● Erection of the site office ● H-pilling ● Sheet piling
DE/2024/09	Hung Shui Kiu Effluent Polishing Plant (HSKEPP) Phase 1 – E&M Works and Biological Treatment Building	● Erection of the site office

7.2 Key environmental issues in the coming three months include:

- Wastewater and run-off generation on-site;
- Water spraying for dust-generating activities and on haul road;
- Accumulation of general refuse and construction waste on-site;
- Accumulation of a stockpile of soil & weeds from haul road cleaning activities or slope maintenance.

Recommendations

7.3 According to the environmental audit in the reporting month (March 2026) as well as the previous months, the following recommendations were made which shall be implemented in the next reporting month (April 2026).

Water Quality

- The site practices outlined in ProPECC PN 2/24 "Construction Site Drainage" should be followed as far as practicable to minimise surface run-off and the chance of erosion.
- All vehicles and plants should be cleaned before they leave a construction site to minimise the deposition of earth, mud and debris on roads.

Air Quality

- Establishment and use of vehicle wheel and body washing facilities at the exit points of the site.
- Open stockpiles shall be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs.

Monitoring Schedule for Next Month

7.4 The tentative environmental monitoring schedules for next month are shown in **Appendix C**.

8 CONCLUSIONS

8.1 This is the 19th Monthly EM&A Report, which presents the EM&A works undertaken during the reporting month from 1 March 2026 to 31 March 2026 in accordance with the EM&A Manual and the requirements under the EP-606.2022/A.

Water Quality Monitoring

8.2 All water quality monitoring was conducted as scheduled in the reporting period.

8.3 No Action Level and Limit Level exceedances for Dissolved Oxygen (DO) were recorded.

8.4 One (1) Action Level and three (3) Limit Level exceedances for Turbidity (TUR) were recorded. All exceedances are considered as non-project related.

8.5 No Action Level exceedances were recorded for Suspended Solids (SS) of the water quality monitoring, while two (2) Limit Level exceedances were identified in SS in the reporting period. All exceedances are considered as non-project related.

Air Quality Monitoring

8.6 All air quality monitoring was conducted as scheduled in the reporting period.

8.7 No Action/Limit Level exceedance for 1-hour TSP monitoring was recorded.

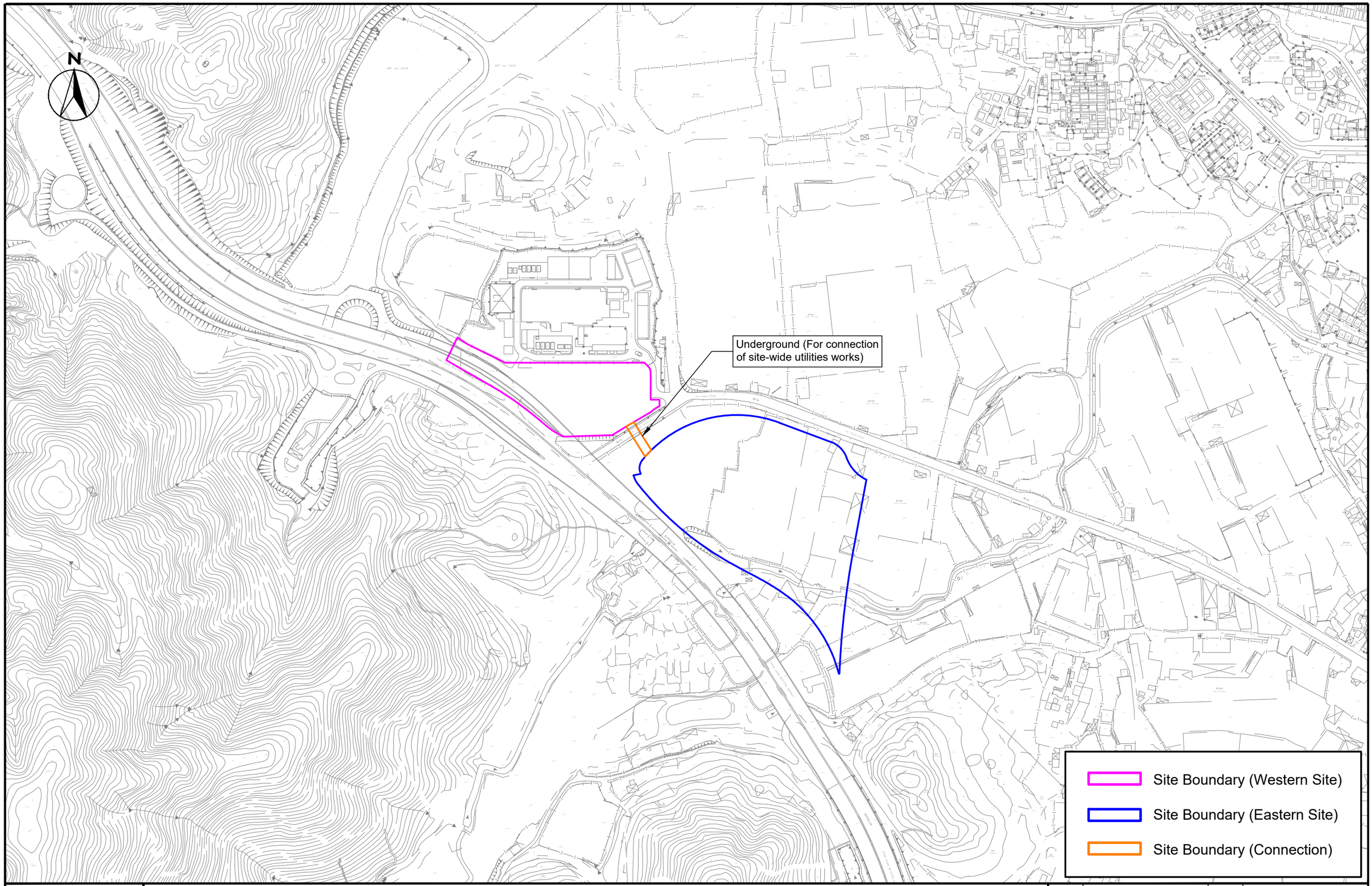
Site Audit

8.8 4 ET joint weekly environmental site inspections were conducted in the reporting period. Joint weekly site inspections with the representative of ET, the Engineer Representative and the Contractor for Contract No. DC/2024/11 and Contract No. DE/2024/09 were conducted on 6, 13, 20 & 27 March 2026, whereas a monthly joint site inspection with the representative of IEC was conducted on 27 March 2026. All environmental deficiencies observed during site inspections were rectified by the Contractor.

Complaint, Notification of Summons and Successful Prosecution

8.9 No environmental complaints and notifications of summons and successful prosecutions were received in the reporting period.

FIGURES

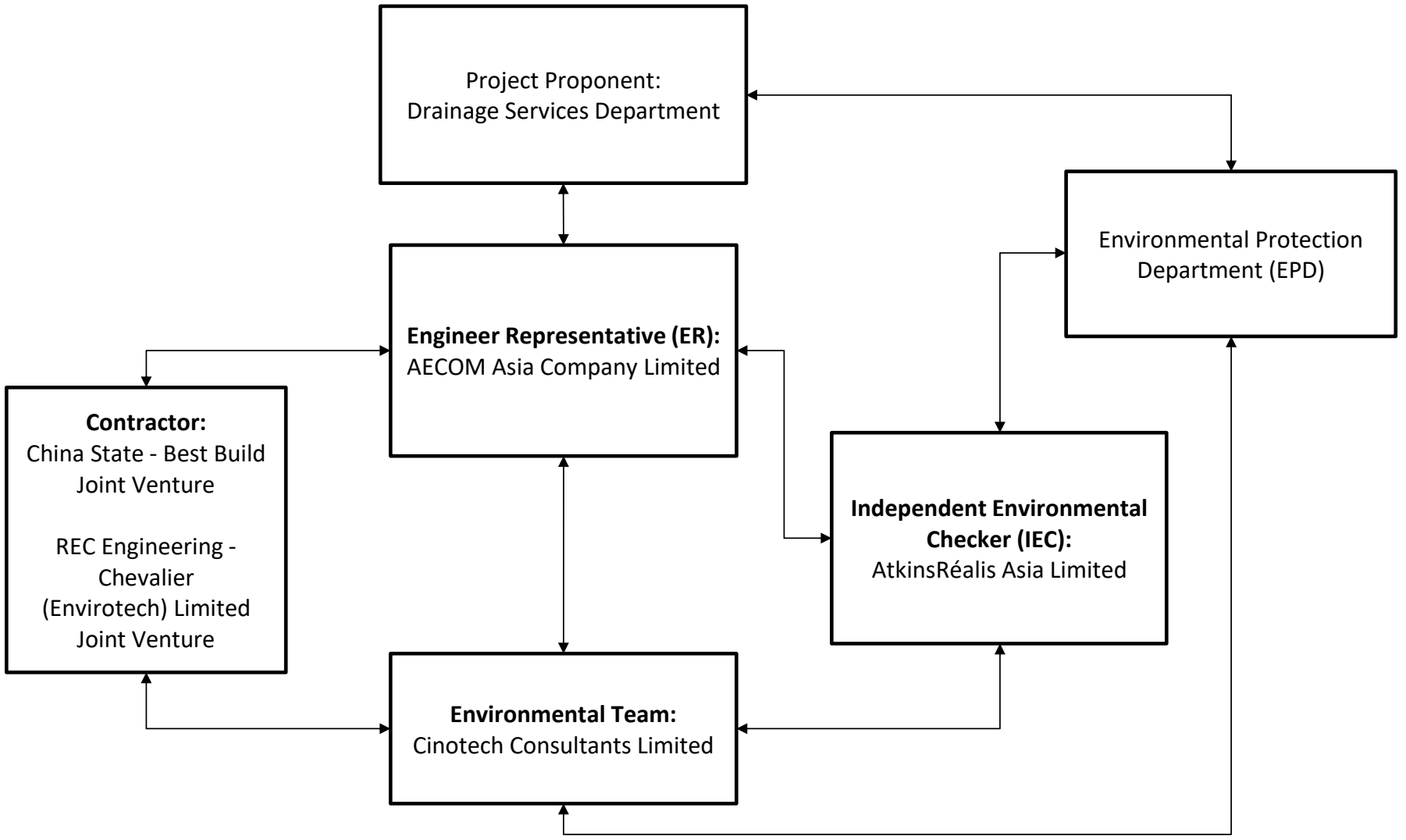


CINOTECH
Cinotech Consultants Limited

Contract No. HATS 01/2025
Environmental Team for Hung Shui Kiu Effluent Polishing Plant – Phase 1 (under EP-608/2022/A)

Site Location Plan

SCALE	1:4000 @ A3	DATE	Mar 2026
CHECK	CF	DRAWN	DC
JOB No.	MA25111	DRAWING No.	Figure 1.1
		REV	-



CINOTECH

Contract No. HATS 01/2025
Environmental Team for Hung Shui Kiu Effluent Polishing Plant – Phase 1 (under EP-608/2022/A)

Project Organisation for Environmental Monitoring and Audit

SCALE	N.T.S.	**DATE**	MAR 2026
CHECK	CF	**DRAWN**	DC
JOB NO.	MA25111	**FIGURE NO.**	1.2

N

C1

M1

Site Boundary (Western Site)

Site Boundary (Eastern Site)

Site Boundary (Connection)

Water Quality Monitoring Station

CINOTECH
Cinotech Consultants Limited

Contract No. HATS 01/2025

Environmental Team for Hung Shui Kiu Effluent Polishing Plant – Phase 1 (under EP-608/2022/A)

Locations of Water Quality Monitoring Stations

SCALE	1:4000 @ A3	DATE	Mar 2026
CHECK	CF	DRAWN	DC
JOB No.	MA25111	DRAWING No.	Figure 2.1
		REV	-

N

AM1

AM3

AM2

Site Boundary (Western Site)

Site Boundary (Eastern Site)

Site Boundary (Connection)

Air Quality Monitoring Station

CINOTECH
Cinotech Consultants Limited

Contract No. HATS 01/2025

Environmental Team for Hung Shui Kiu Effluent Polishing Plant – Phase 1 (under EP-608/2022/A)

Locations of Air Quality Monitoring Stations

SCALE	1:4000 @ A3	DATE	Mar 2026
CHECK	CF	DRAWN	DC
JOB No.	MA25111	DRAWING No.	Figure 3.1
		REV	-

APPENDIX A
ACTION AND LIMIT LEVELS

Appendix A - Action and Limit Levels

Table A-1 Action and Limit Levels for WQM

	Station M1	
Parameters	**Action Level**	**Limit Level**
DO in mg/L (1)	≤ 3.8 (3)(4)	≤ 3.7 (3)(4)
Turbidity in NTU (2)	≥ 17.2 (3) or 120% of the upstream control station(s) at the same tide of the same day, whichever is higher	≥ 17.7 (3) or 130% of the upstream control station(s) at the same tide of the same day, whichever is higher
SS in mg/L (1)	≥ 25.0 (3) or 120% of the upstream control station(s) at the same tide of the same day, whichever is higher	≥ 26.0 (3) or 130% of the upstream control station(s) at the same tide of the same day, whichever is higher

Note:
(1) For DO, non-compliance with the water quality limits occurs when the monitoring result is lower than the limits.
(2) For turbidity & SS, non-compliance with the water quality limits occurs when the monitoring result is higher than the limits.
(3) Average concentrations with duplicates have been adopted in the calculation.
(4) The calculated action/limit levels of DO are the same after correcting to the nearest 0.1mg/L.

Table A-2 Action and Limit Levels for AQM

Location	Action Level, µg/m^3	Limit Level, µg/m^3
AM1 - Tseung Kong Wai	263.0	500
AM2 - Farm House	260.6	
AM3 - Planned Port Back-up, Storage and Workshop (3)	263.4	

Note:
(1) Air quality impact monitoring station AM3 has been suspended since Nov 2024.

APPENDIX B
COPIES OF CALIBRATION CERTIFICATES

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01384 Issue Date : 30 Jan 2026
Application No. : HP01177

Certificate of Calibration

Applicant : Cinotech Consultants Limited
RM 1710, Technology Park,
18 On Lai Street,
Shatin, N.T., Hong Kong

Sample Description : Submitted equipment stated to be YSI EXO1 Multi-parameter Sonde.

Equipment No.: : SW-08-19

Manufacturer: : YSI Incorporated, a Xylem brand

Other information :

Description:	Serial No.
- EXO Optical DO Sensor, Ti	17A105025
- EXO conductivity/Temperature Sensor, Ti	17A105120
- EXO Turbidity Sensor, Ti	16J101124
- EXO pH Sensor Assembly, Guarded, Ti	17B100258

Date Received : 26 Jan 2026

Test Period : 26 Jan 2026 to 30 Jan 2026

Test Requested : Performance checking for Conductivity, Temperature, pH, Dissolved oxygen (D.O.) and Turbidity

Test Method : According to manufacturer instruction manual, APHA 23rd Ed 4500-O H

Test conditions : Room Temperature: 22-25 degree Celsius
Relative Humidity: 35-70%

Test Result : Refer to the test result(s) on page 2.

Remark : 1. Information of the sample description provided by the Applicant.
2. The results relate only to the items tested or calibrated.

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01384 Issue Date : 30 Jan 2026
Application No. : HP01177

Certificate of Calibration

Test Result :

Conductivity performance checking

Expected Reading (mS/cm)	Instrument Readings (mS/cm)	Acceptance Criteria	Comment
146.9	150.5	140-154	Pass
1412	1398	1341-1483	Pass
6667	6671	6334-7000	Pass
12890	12910	12246-13535	Pass
58670	58730	55737-61604	Pass

Temperature performance checking

Expected Reading (℃)	Instrument Readings (℃)	Acceptance Criteria	Comment
10.0	10.319	10.0 ± 2.0	Pass
25.0	25.330	25.0 ± 2.0	Pass
35.0	35.174	35.0 ± 2.0	Pass

pH performance checking

Expected Reading (pH unit)	Instrument Readings (pH unit)	Acceptance Criteria	Comment
4.01	4.01	4.01 ± 0.2	Pass
7.00	6.99	7.00 ± 0.2	Pass
10.01	10.00	10.01 ± 0.2	Pass

D.O. performance checking

Expected Reading	Instrument Readings (mg/L)	Acceptance Criteria	Comment
0.00	0.65	--	--
8.26	8.25	±0.20	Pass

Turbidity performance checking

Expected Reading(NTU)	Instrument Readings (NTU)	Acceptance Criteria	Comment
0	0.02	--	--
5	5.05	4.5-5.5	Pass
50	48.30	45-55	Pass
100	101.80	90-110	Pass

Note : "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

- End of report -

CINOTECH CONSULTANTS LIMITED

Certificate of Calibration

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description: Digital Dust Indicator — Date of Calibration: 16-Feb-26

Manufacturer: Sibata Scientific Technology LTD. — Validity of Calibration Record: 16-Apr-26

Model No.: LD-5R

Serial No.: 4X7585

Equipment No.: SA-01-15 — Sensitivity: 1 CPM = 0.001 mg/m3

High Volume Sampler No.: A-01-03 — Before Sensitivity Adjustment: 669 CPM

Tisch Calibration Orifice No.: 3864 — After Sensitivity Adjustment: 669 CPM

Calibration of 1 hr TSP		
Calibration Point	**Laser Dust Monitor** Mass Concentration (µg/m3) **X-axis**	**HVS** Mass concentration (µg/m^3) **Y-axis**
1	68.0	103.0
2	45.0	71.0
3	34.0	52.0
Average	**49.0**	**75.3**

By Linear Regression of Y on X

Slope , mw = **1.4834** **Intercept, bw =** **2.6473**

Correlation coefficient* = **0.9985**

Set Correlation Factor	
Particaulate Concentration by High Volume Sampler (µg/m^3)	75.3
Particaulate Concentration by Dust Meter (µg/m^3)	49.0
Measureing time, (min)	60.0

Set Correlation Factor , SCF

SCF = [K=High Volume Sampler / Dust Meter, (µg/m3)] **1.5**

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by: _____

Technical Officer (Wong Shing Kwai)

Approved by: _____

Project Manager (Henry Leung)

CINOTECH CONSULTANTS LIMITED

Certificate of Calibration

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description: Digital Dust Indicator — Date of Calibration: 16-Feb-26

Manufacturer: Sibata Scientific Technology LTD. — Validity of Calibration Record: 16-Apr-26

Model No.: LD-5R

Serial No.: 4X7586

Equipment No.: SA-01-16 — Sensitivity: 1 CPM = 0.001 mg/m3

High Volume Sampler No.: A-01-03 — Before Sensitivity Adjustment: 744 CPM

Tisch Calibration Orifice No.: 3864 — After Sensitivity Adjustment: 744 CPM

Calibration of 1 hr TSP		
Calibration Point	**Laser Dust Monitor** Mass Concentration (µg/m3) **X-axis**	**HVS** Mass concentration (µg/m^3) **Y-axis**
1	72.0	106.0
2	53.0	77.0
3	35.0	54.0
Average	**53.3**	**79.0**

By Linear Regression of Y on X

Slope , mw = 1.4065 **Intercept, bw =** 3.9854

Correlation coefficient* = 0.9987

Set Correlation Factor	
Particaulate Concentration by High Volume Sampler (µg/m^3)	79.0
Particaulate Concentration by Dust Meter (µg/m^3)	53.3
Measureing time, (min)	60.0

Set Correlation Factor , SCF

SCF = [K=High Volume Sampler / Dust Meter, (µg/m3)] **1.5**

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by: _____

Technical Officer (Wong Shing Kwai)

Approved by: _____

Project Manager (Henry Leung)

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET

File No. MA16034/03/0058

Project No. AM3 - Yau Lai Estate, Bik Lai House

Date: 12-Feb-26 Next Due Date: 12-Apr-26 Operator: SK

Equipment No.: A-01-03 Model No.: GS2310 Serial No. 10379

Ambient Condition			
Temperature, Ta (K)	291.4	Pressure, Pa (mmHg)	765.2

Orifice Transfer Standard Information					
Serial No.	3864	Slope, mc	0.05980	Intercept, bc	-0.04908
Last Calibration Date:	7-Jan-26	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	7-Jan-27	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

.

Calibration of TSP Sampler					
Calibration Point	Orfice			HVS	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) **X - axis**	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ **Y-axis**
1	13.8	3.77	63.86	8.6	2.98
2	11.0	3.37	57.10	6.3	2.55
3	7.6	2.80	47.60	4.2	2.08
4	5.5	2.38	40.62	2.7	1.67
5	3.2	1.82	31.17	1.0	1.01

By Linear Regression of Y on X

Slope , mw = **0.0587** **Intercept, bw =** **-0.7638**

Correlation coefficient* = **0.9981**

*If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation

From the TSP Field Calibration Curve, take Qstd = 43 CFM

From the Regression Equation, the "Y" value according to

$$mw \times Qstd + bw = [\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$$

Therefore, Set Point; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ **3.01**

Remarks:

Conducted by: Wong Shing Kwai Signature: Date: 12-Feb-26

Checked by: Henry Leung Signature: Date: 12-Feb-26

TISCH Environmental

RECALIBRATION DUE DATE:
January 7, 2027

Certificate of Calibration

Calibration Certification Information				
Cal. Date:	January 7, 2026	**Rootsmeter S/N:** 438320	**Ta:** 294	°K
Operator:	Jim Tisch		**Pa:** 749.0	mm Hg
Calibration Model #:	TE-5025A	**Calibrator S/N:** **3864**		

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4310	3.2	2.00
2	3	4	1	1.0260	6.4	4.00
3	5	6	1	0.9150	7.9	5.00
4	7	8	1	0.8730	8.8	5.50
5	9	10	1	0.7200	12.8	8.00

Data Tabulation

Vstd (m3)	Qstd (x-axis)	$\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$ (y-axis)	Va	Qa (x-axis)	$\sqrt{\Delta H\left(Ta/Pa\right)}$ (y-axis)
0.9947	0.6951	1.4135	0.9957	0.6958	0.8860
0.9905	0.9654	1.9990	0.9915	0.9663	1.2530
0.9885	1.0803	2.2349	0.9895	1.0814	1.4009
0.9873	1.1309	2.3440	0.9883	1.1320	1.4693
0.9819	1.3638	2.8270	0.9829	1.3652	1.7720
QSTD	**m=**	**2.11337**	**QA**	**m=**	**1.32336**
	b=	**-0.04919**		**b=**	**-0.03083**
	r=	**0.99993**		**r=**	**0.99993**

Calculations

Vstd=	ΔVol((Pa-ΔP)/Pstd)(Tstd/Ta)	**Va=**	ΔVol((Pa-ΔP)/Pa)
Qstd=	Vstd/ΔTime	**Qa=**	Va/ΔTime

For subsequent flow rate calculations:

Qstd= $1/m\left(\left(\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}\right)-b\right)$

Qa= $1/m\left(\left(\sqrt{\Delta H\left(Ta/Pa\right)}\right)-b\right)$

Standard Conditions	
Tstd:	298.15 °K
Pstd:	760 mm Hg

Key
ΔH: calibrator manometer reading (in H2O)
ΔP: rootsmeter manometer reading (mm Hg)
Ta: actual absolute temperature (°K)
Pa: actual barometric pressure (mm Hg)
b: intercept
m: slope

RECALIBRATION
US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30

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Village of Cleves, OH 45002

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APPENDIX C
ENVIRONMENTAL MONITORING SCHEDULES

Contract No. HATS 01/2025
Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1 (2026-2028)
Impact Air Quality Monitoring Schedule (March 2026)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar
		Air Quality Monitoring (AM1 &AM2)				
8-Mar	9-Mar	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar
	Air Quality Monitoring (AM1 &AM2)				Air Quality Monitoring (AM1 &AM2)	
15-Mar	16-Mar	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar
				Air Quality Monitoring (AM1 &AM2)		
22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar
			Air Quality Monitoring (AM1 &AM2)			
29-Mar	30-Mar	31-Mar				
		Air Quality Monitoring (AM1 &AM2)				

* The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
# The Air Quality Impact Monitoring at AM3 is suspended from 7 Nov 2024 due to the construction works of other project at AM3.

Contract No. HATS 01/2025
Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1 (2026-2028)
Tentative Impact Air Quality Monitoring Schedule (April 2026)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1-Apr	2-Apr	3-Apr	4-Apr
				Air Quality Monitoring (AM1 &AM2)		
5-Apr	6-Apr	7-Apr	8-Apr	9-Apr	10-Apr	11-Apr
			Air Quality Monitoring (AM1 &AM2)			Air Quality Monitoring (AM1 &AM2)
12-Apr	13-Apr	14-Apr	15-Apr	16-Apr	17-Apr	18-Apr
					Air Quality Monitoring (AM1 &AM2)	
19-Apr	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	25-Apr
				Air Quality Monitoring (AM1 &AM2)		
26-Apr	27-Apr	28-Apr	29-Apr	30-Apr		
			Air Quality Monitoring (AM1 &AM2)			

* The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
# The Air Quality Impact Monitoring at AM3 is suspended from 7 Nov 2024 due to the construction works of other project at AM3.

Contract No. HATS 01/2025
Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1 (2026-2028)
Impact Water Quality Monitoring Schedule (March 2026)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1-Mar	2-Mar	3-Mar	4-Mar	5-Mar	6-Mar	7-Mar
	Water Quality Monitoring		Water Quality Monitoring		Water Quality Monitoring	
8-Mar	9-Mar	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar
	Water Quality Monitoring		Water Quality Monitoring		Water Quality Monitoring	
15-Mar	16-Mar	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar
	Water Quality Monitoring		Water Quality Monitoring		Water Quality Monitoring	
22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	27-Mar	28-Mar
	Water Quality Monitoring		Water Quality Monitoring		Water Quality Monitoring	
29-Mar	30-Mar	31-Mar				
	Water Quality Monitoring					

* The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
# The Air Quality Impact Monitoring at AM3 is suspended from 7 Nov 2024 due to the construction works of other project at AM3.

Contract No. HATS 01/2025
Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1 (2026-2028)
Tentative Impact Water Quality Monitoring Schedule (April 2026)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1-Apr	2-Apr	3-Apr	4-Apr
			Water Quality Monitoring			
5-Apr	6-Apr	7-Apr	8-Apr	9-Apr	10-Apr	11-Apr
			Water Quality Monitoring		Water Quality Monitoring	
12-Apr	13-Apr	14-Apr	15-Apr	16-Apr	17-Apr	18-Apr
	Water Quality Monitoring		Water Quality Monitoring		Water Quality Monitoring	
19-Apr	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	25-Apr
	Water Quality Monitoring		Water Quality Monitoring		Water Quality Monitoring	
26-Apr	27-Apr	28-Apr	29-Apr	30-Apr		
	Water Quality Monitoring		Water Quality Monitoring			

* The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
# The Air Quality Impact Monitoring at AM3 is suspended from 7 Nov 2024 due to the construction works of other project at AM3.

APPENDIX D
WEATHER CONDITIONS

March 2026			
Date	**Mean Air Temperature (°C)[1]**	**Mean Relative Humidity (%)[2]**	**Precipitation (mm)[3]**
1-Mar-26	19.8	92	0.1
2-Mar-26	22.5	93	15.4
3-Mar-26	19.8	89	68.0
4-Mar-26	16.5	90	66.0
5-Mar-26	19.3	78	Trace
6-Mar-26	20.0	67	0.0
7-Mar-26	19.5	69	0.0
8-Mar-26	19.1	71	0.0
9-Mar-26	19.7	74	Trace
10-Mar-26	17.7	75	0.1
11-Mar-26	18.8	74	0.0
12-Mar-26	20.3	69	0.0
13-Mar-26	18.8	56	0.0
14-Mar-26	19.4	61	0.0
15-Mar-26	20.7	72	0.0
16-Mar-26	20.8	70	0.0
17-Mar-26	21.2	81	Trace
18-Mar-26	23.4	77	0.0
19-Mar-26	24.1	74	Trace
20-Mar-26	21.5	86	0.1
21-Mar-26	21.4	84	0.0
22-Mar-26	22.3	81	Trace
23-Mar-26	23.4	79	0.0
24-Mar-26	24.0	83	0.0
25-Mar-26	25.3	76	0.0
26-Mar-26	25.0	80	0.0
27-Mar-26	24.2	86	1.1
28-Mar-26	24.5	86	Trace
29-Mar-26	23.6	86	Trace
30-Mar-26	25.2	81	3.6
31-Mar-26	25.9	81	Trace

(Reporting Month: Mar 2026)

Remarks:

***** Meterological data from Hong Kong Observatory Manned Weather Station was adopted.

Source - Hong Kong Observatory

[1-3]Retrieved from Manned Weather Station (Hong Kong Observatory) (22°18'07" N, 114°10'27" E)

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
1 Mar 2026	12:00 AM	E	4.1
1 Mar 2026	1:00 AM	E	3.7
1 Mar 2026	2:00 AM	E	4.9
1 Mar 2026	3:00 AM	NE	4.4
1 Mar 2026	4:00 AM	ENE	4.7
1 Mar 2026	5:00 AM	ENE	4.7
1 Mar 2026	6:00 AM	E	4.4
1 Mar 2026	7:00 AM	E	3.8
1 Mar 2026	8:00 AM	E	3.0
1 Mar 2026	9:00 AM	ESE	3.9
1 Mar 2026	10:00 AM	SE	9.3
1 Mar 2026	11:00 AM	SE	8.2
1 Mar 2026	12:00 PM	SE	6.5
1 Mar 2026	1:00 PM	ENE	3.3
1 Mar 2026	2:00 PM	SE	4.2
1 Mar 2026	3:00 PM	SE	4.6
1 Mar 2026	4:00 PM	SE	5.3
1 Mar 2026	5:00 PM	SE	5.4
1 Mar 2026	6:00 PM	SE	3.8
1 Mar 2026	7:00 PM	E	3.1
1 Mar 2026	8:00 PM	E	3.6
1 Mar 2026	9:00 PM	E	3.3
1 Mar 2026	10:00 PM	E	3.7
1 Mar 2026	11:00 PM	E	2.5
2 Mar 2026	12:00 AM	E	3.1
2 Mar 2026	1:00 AM	E	2.7
2 Mar 2026	2:00 AM	SE	3.0
2 Mar 2026	3:00 AM	SE	2.9
2 Mar 2026	4:00 AM	ESE	3.0
2 Mar 2026	5:00 AM	E	2.6
2 Mar 2026	6:00 AM	E	3.6
2 Mar 2026	7:00 AM	E	3.0
2 Mar 2026	8:00 AM	E	1.7
2 Mar 2026	9:00 AM	SE	2.0
2 Mar 2026	10:00 AM	NE	2.8
2 Mar 2026	11:00 AM	E	2.6
2 Mar 2026	12:00 PM	SE	3.6
2 Mar 2026	1:00 PM	SW	2.5
2 Mar 2026	2:00 PM	SE	4.8
2 Mar 2026	3:00 PM	SSE	6.0
2 Mar 2026	4:00 PM	S	7.4
2 Mar 2026	5:00 PM	SSE	6.9
2 Mar 2026	6:00 PM	SE	4.8
2 Mar 2026	7:00 PM	SSE	2.4
2 Mar 2026	8:00 PM	NE	1.1
2 Mar 2026	9:00 PM	ENE	2.2

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
2 Mar 2026	10:00 PM	E	2.4
2 Mar 2026	11:00 PM	E	2.0
3 Mar 2026	12:00 AM	N	2.7
3 Mar 2026	1:00 AM	N	4.7
3 Mar 2026	2:00 AM	N	4.4
3 Mar 2026	3:00 AM	N	4.2
3 Mar 2026	4:00 AM	NE	4.0
3 Mar 2026	5:00 AM	NE	4.2
3 Mar 2026	6:00 AM	NE	4.5
3 Mar 2026	7:00 AM	NNE	3.4
3 Mar 2026	8:00 AM	NE	5.2
3 Mar 2026	9:00 AM	NE	4.2
3 Mar 2026	10:00 AM	NE	4.3
3 Mar 2026	11:00 AM	NE	4.1
3 Mar 2026	12:00 PM	ENE	3.2
3 Mar 2026	1:00 PM	ENE	3.5
3 Mar 2026	2:00 PM	NNE	4.9
3 Mar 2026	3:00 PM	NE	4.7
3 Mar 2026	4:00 PM	ENE	3.9
3 Mar 2026	5:00 PM	ENE	3.1
3 Mar 2026	6:00 PM	NE	5.0
3 Mar 2026	7:00 PM	ENE	4.4
3 Mar 2026	8:00 PM	E	3.2
3 Mar 2026	9:00 PM	E	2.0
3 Mar 2026	10:00 PM	NNE	2.8
3 Mar 2026	11:00 PM	NE	2.9
4 Mar 2026	12:00 AM	ENE	1.7
4 Mar 2026	1:00 AM	NNE	5.0
4 Mar 2026	2:00 AM	NE	4.3
4 Mar 2026	3:00 AM	NE	3.8
4 Mar 2026	4:00 AM	NE	3.2
4 Mar 2026	5:00 AM	E	2.9
4 Mar 2026	6:00 AM	NE	2.5
4 Mar 2026	7:00 AM	E	3.6
4 Mar 2026	8:00 AM	NE	3.5
4 Mar 2026	9:00 AM	ENE	3.0
4 Mar 2026	10:00 AM	E	2.2
4 Mar 2026	11:00 AM	ENE	3.3
4 Mar 2026	12:00 PM	NE	2.2
4 Mar 2026	1:00 PM	NNE	3.4
4 Mar 2026	2:00 PM	NE	2.9
4 Mar 2026	3:00 PM	NNE	3.1
4 Mar 2026	4:00 PM	N	3.9
4 Mar 2026	5:00 PM	ENE	2.9
4 Mar 2026	6:00 PM	E	2.8
4 Mar 2026	7:00 PM	E	2.6

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
4 Mar 2026	8:00 PM	E	2.9
4 Mar 2026	9:00 PM	E	2.0
4 Mar 2026	10:00 PM	N	3.0
4 Mar 2026	11:00 PM	ENE	1.9
5 Mar 2026	12:00 AM	E	2.7
5 Mar 2026	1:00 AM	E	1.9
5 Mar 2026	2:00 AM	E	1.7
5 Mar 2026	3:00 AM	E	2.7
5 Mar 2026	4:00 AM	E	3.0
5 Mar 2026	5:00 AM	E	2.3
5 Mar 2026	6:00 AM	ENE	2.5
5 Mar 2026	7:00 AM	NE	2.1
5 Mar 2026	8:00 AM	NE	2.3
5 Mar 2026	9:00 AM	N	3.2
5 Mar 2026	10:00 AM	NNE	3.1
5 Mar 2026	11:00 AM	N	3.1
5 Mar 2026	12:00 PM	NNE	3.0
5 Mar 2026	1:00 PM	WNW	2.7
5 Mar 2026	2:00 PM	WSW	4.3
5 Mar 2026	3:00 PM	WNW	2.5
5 Mar 2026	4:00 PM	N	5.4
5 Mar 2026	5:00 PM	N	5.9
5 Mar 2026	6:00 PM	N	6.3
5 Mar 2026	7:00 PM	N	7.7
5 Mar 2026	8:00 PM	N	6.6
5 Mar 2026	9:00 PM	N	6.7
5 Mar 2026	10:00 PM	N	6.7
5 Mar 2026	11:00 PM	N	7.3
6 Mar 2026	12:00 AM	NNE	6.2
6 Mar 2026	1:00 AM	NE	5.2
6 Mar 2026	2:00 AM	N	5.8
6 Mar 2026	3:00 AM	N	5.1
6 Mar 2026	4:00 AM	N	5.9
6 Mar 2026	5:00 AM	N	5.2
6 Mar 2026	6:00 AM	NE	4.4
6 Mar 2026	7:00 AM	ENE	3.5
6 Mar 2026	8:00 AM	NE	5.1
6 Mar 2026	9:00 AM	N	5.0
6 Mar 2026	10:00 AM	NE	3.9
6 Mar 2026	11:00 AM	NNE	2.9
6 Mar 2026	12:00 PM	N	2.9
6 Mar 2026	1:00 PM	ENE	2.2
6 Mar 2026	2:00 PM	E	3.5
6 Mar 2026	3:00 PM	N	0.0
6 Mar 2026	4:00 PM	E	4.3
6 Mar 2026	5:00 PM	ENE	3.3

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
6 Mar 2026	6:00 PM	E	2.7
6 Mar 2026	7:00 PM	E	2.8
6 Mar 2026	8:00 PM	E	3.2
6 Mar 2026	9:00 PM	E	4.0
6 Mar 2026	10:00 PM	E	3.5
6 Mar 2026	11:00 PM	E	3.9
7 Mar 2026	12:00 AM	E	3.8
7 Mar 2026	1:00 AM	E	3.9
7 Mar 2026	2:00 AM	E	3.4
7 Mar 2026	3:00 AM	E	2.7
7 Mar 2026	4:00 AM	E	3.9
7 Mar 2026	5:00 AM	E	3.8
7 Mar 2026	6:00 AM	ENE	3.5
7 Mar 2026	7:00 AM	E	2.6
7 Mar 2026	8:00 AM	E	1.2
7 Mar 2026	9:00 AM	NNE	1.8
7 Mar 2026	10:00 AM	NE	3.1
7 Mar 2026	11:00 AM	ENE	3.3
7 Mar 2026	12:00 PM	E	3.8
7 Mar 2026	1:00 PM	E	3.2
7 Mar 2026	2:00 PM	E	2.8
7 Mar 2026	3:00 PM	ENE	2.4
7 Mar 2026	4:00 PM	E	2.4
7 Mar 2026	5:00 PM	SSW	2.7
7 Mar 2026	6:00 PM	E	3.8
7 Mar 2026	7:00 PM	E	2.7
7 Mar 2026	8:00 PM	ESE	1.6
7 Mar 2026	9:00 PM	E	1.9
7 Mar 2026	10:00 PM	E	2.6
7 Mar 2026	11:00 PM	ESE	2.8
8 Mar 2026	12:00 AM	E	2.6
8 Mar 2026	1:00 AM	E	2.9
8 Mar 2026	2:00 AM	ESE	2.8
8 Mar 2026	3:00 AM	E	2.3
8 Mar 2026	4:00 AM	E	4.3
8 Mar 2026	5:00 AM	E	3.5
8 Mar 2026	6:00 AM	E	3.4
8 Mar 2026	7:00 AM	E	3.5
8 Mar 2026	8:00 AM	ENE	3.9
8 Mar 2026	9:00 AM	E	3.3
8 Mar 2026	10:00 AM	ENE	3.9
8 Mar 2026	11:00 AM	NNE	3.8
8 Mar 2026	12:00 PM	NNW	2.7
8 Mar 2026	1:00 PM	W	6.8
8 Mar 2026	2:00 PM	W	6.9
8 Mar 2026	3:00 PM	W	5.7

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
8 Mar 2026	4:00 PM	W	5.5
8 Mar 2026	5:00 PM	W	5.2
8 Mar 2026	6:00 PM	SSE	3.1
8 Mar 2026	7:00 PM	E	3.9
8 Mar 2026	8:00 PM	E	4.5
8 Mar 2026	9:00 PM	E	3.8
8 Mar 2026	10:00 PM	E	3.3
8 Mar 2026	11:00 PM	E	4.1
9 Mar 2026	12:00 AM	E	4.0
9 Mar 2026	1:00 AM	E	3.7
9 Mar 2026	2:00 AM	E	3.4
9 Mar 2026	3:00 AM	E	3.5
9 Mar 2026	4:00 AM	E	3.7
9 Mar 2026	5:00 AM	E	2.9
9 Mar 2026	6:00 AM	E	2.2
9 Mar 2026	7:00 AM	E	2.8
9 Mar 2026	8:00 AM	E	3.8
9 Mar 2026	9:00 AM	E	3.1
9 Mar 2026	10:00 AM	E	2.9
9 Mar 2026	11:00 AM	ENE	1.9
9 Mar 2026	12:00 PM	N	2.9
9 Mar 2026	1:00 PM	W	4.7
9 Mar 2026	2:00 PM	WSW	6.5
9 Mar 2026	3:00 PM	SW	5.4
9 Mar 2026	4:00 PM	SW	3.1
9 Mar 2026	5:00 PM	W	2.8
9 Mar 2026	6:00 PM	WSW	2.0
9 Mar 2026	7:00 PM	E	3.9
9 Mar 2026	8:00 PM	E	4.2
9 Mar 2026	9:00 PM	E	3.7
9 Mar 2026	10:00 PM	E	4.1
9 Mar 2026	11:00 PM	E	4.6
10 Mar 2026	12:00 AM	E	5.6
10 Mar 2026	1:00 AM	E	4.6
10 Mar 2026	2:00 AM	E	3.8
10 Mar 2026	3:00 AM	E	3.3
10 Mar 2026	4:00 AM	E	2.5
10 Mar 2026	5:00 AM	NE	3.2
10 Mar 2026	6:00 AM	ENE	3.9
10 Mar 2026	7:00 AM	ENE	3.7
10 Mar 2026	8:00 AM	ENE	3.0
10 Mar 2026	9:00 AM	NE	3.2
10 Mar 2026	10:00 AM	ENE	1.8
10 Mar 2026	11:00 AM	E	2.2
10 Mar 2026	12:00 PM	NNE	1.7
10 Mar 2026	1:00 PM	N	2.9

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
10 Mar 2026	2:00 PM	N	2.3
10 Mar 2026	3:00 PM	N	1.5
10 Mar 2026	4:00 PM	N	1.6
10 Mar 2026	5:00 PM	N	3.8
10 Mar 2026	6:00 PM	N	4.4
10 Mar 2026	7:00 PM	N	4.3
10 Mar 2026	8:00 PM	NNE	3.7
10 Mar 2026	9:00 PM	NE	2.9
10 Mar 2026	10:00 PM	E	2.3
10 Mar 2026	11:00 PM	E	2.4
11 Mar 2026	12:00 AM	E	2.8
11 Mar 2026	1:00 AM	E	2.8
11 Mar 2026	2:00 AM	E	2.5
11 Mar 2026	3:00 AM	E	2.7
11 Mar 2026	4:00 AM	E	2.6
11 Mar 2026	5:00 AM	E	2.8
11 Mar 2026	6:00 AM	E	2.9
11 Mar 2026	7:00 AM	E	2.6
11 Mar 2026	8:00 AM	NE	2.1
11 Mar 2026	9:00 AM	NE	2.5
11 Mar 2026	10:00 AM	ENE	2.4
11 Mar 2026	11:00 AM	N	3.6
11 Mar 2026	12:00 PM	N	2.3
11 Mar 2026	1:00 PM	WNW	2.0
11 Mar 2026	2:00 PM	W	3.4
11 Mar 2026	3:00 PM	W	3.6
11 Mar 2026	4:00 PM	W	2.9
11 Mar 2026	5:00 PM	WSW	3.1
11 Mar 2026	6:00 PM	SW	2.3
11 Mar 2026	7:00 PM	SSW	1.6
11 Mar 2026	8:00 PM	SE	2.1
11 Mar 2026	9:00 PM	SE	2.5
11 Mar 2026	10:00 PM	SE	1.7
11 Mar 2026	11:00 PM	E	1.5
12 Mar 2026	12:00 AM	E	2.8
12 Mar 2026	1:00 AM	E	2.5
12 Mar 2026	2:00 AM	ESE	1.6
12 Mar 2026	3:00 AM	SE	1.6
12 Mar 2026	4:00 AM	E	1.9
12 Mar 2026	5:00 AM	E	2.0
12 Mar 2026	6:00 AM	SE	2.7
12 Mar 2026	7:00 AM	SE	2.5
12 Mar 2026	8:00 AM	ESE	1.0
12 Mar 2026	9:00 AM	NE	1.6
12 Mar 2026	10:00 AM	N	2.5
12 Mar 2026	11:00 AM	N	3.4

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
12 Mar 2026	12:00 PM	NNE	5.5
12 Mar 2026	1:00 PM	N	5.5
12 Mar 2026	2:00 PM	N	2.9
12 Mar 2026	3:00 PM	W	7.0
12 Mar 2026	4:00 PM	W	6.1
12 Mar 2026	5:00 PM	S	3.7
12 Mar 2026	6:00 PM	SE	5.2
12 Mar 2026	7:00 PM	SE	5.4
12 Mar 2026	8:00 PM	SE	2.2
12 Mar 2026	9:00 PM	ESE	2.2
12 Mar 2026	10:00 PM	E	3.8
12 Mar 2026	11:00 PM	ESE	4.0
13 Mar 2026	12:00 AM	E	4.8
13 Mar 2026	1:00 AM	ESE	4.8
13 Mar 2026	2:00 AM	ESE	4.2
13 Mar 2026	3:00 AM	E	4.5
13 Mar 2026	4:00 AM	ESE	3.9
13 Mar 2026	5:00 AM	E	3.1
13 Mar 2026	6:00 AM	E	4.6
13 Mar 2026	7:00 AM	E	4.0
13 Mar 2026	8:00 AM	E	4.7
13 Mar 2026	9:00 AM	E	5.1
13 Mar 2026	10:00 AM	E	4.6
13 Mar 2026	11:00 AM	ESE	3.8
13 Mar 2026	12:00 PM	E	4.6
13 Mar 2026	1:00 PM	E	4.1
13 Mar 2026	2:00 PM	E	4.8
13 Mar 2026	3:00 PM	ESE	5.3
13 Mar 2026	4:00 PM	ESE	5.3
13 Mar 2026	5:00 PM	E	5.4
13 Mar 2026	6:00 PM	SE	6.0
13 Mar 2026	7:00 PM	ESE	4.1
13 Mar 2026	8:00 PM	E	3.1
13 Mar 2026	9:00 PM	E	3.2
13 Mar 2026	10:00 PM	E	3.7
13 Mar 2026	11:00 PM	ESE	3.1
14 Mar 2026	12:00 AM	E	3.9
14 Mar 2026	1:00 AM	E	3.4
14 Mar 2026	2:00 AM	E	3.2
14 Mar 2026	3:00 AM	E	3.8
14 Mar 2026	4:00 AM	E	5.0
14 Mar 2026	5:00 AM	E	6.1
14 Mar 2026	6:00 AM	E	4.8
14 Mar 2026	7:00 AM	E	5.3
14 Mar 2026	8:00 AM	E	5.7
14 Mar 2026	9:00 AM	ENE	5.0

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
14 Mar 2026	10:00 AM	NNE	4.3
14 Mar 2026	11:00 AM	N	4.1
14 Mar 2026	12:00 PM	NW	3.9
14 Mar 2026	1:00 PM	W	5.6
14 Mar 2026	2:00 PM	W	5.6
14 Mar 2026	3:00 PM	W	4.1
14 Mar 2026	4:00 PM	W	3.7
14 Mar 2026	5:00 PM	SSW	3.6
14 Mar 2026	6:00 PM	ENE	2.6
14 Mar 2026	7:00 PM	SE	2.0
14 Mar 2026	8:00 PM	SE	3.1
14 Mar 2026	9:00 PM	E	2.5
14 Mar 2026	10:00 PM	E	3.6
14 Mar 2026	11:00 PM	E	3.7
15 Mar 2026	12:00 AM	E	3.3
15 Mar 2026	1:00 AM	E	3.8
15 Mar 2026	2:00 AM	E	3.9
15 Mar 2026	3:00 AM	E	3.0
15 Mar 2026	4:00 AM	E	3.4
15 Mar 2026	5:00 AM	E	3.1
15 Mar 2026	6:00 AM	E	2.4
15 Mar 2026	7:00 AM	E	3.3
15 Mar 2026	8:00 AM	E	2.3
15 Mar 2026	9:00 AM	ESE	2.6
15 Mar 2026	10:00 AM	ENE	2.8
15 Mar 2026	11:00 AM	N	4.5
15 Mar 2026	12:00 PM	N	4.6
15 Mar 2026	1:00 PM	ESE	3.1
15 Mar 2026	2:00 PM	W	3.4
15 Mar 2026	3:00 PM	W	4.6
15 Mar 2026	4:00 PM	S	4.0
15 Mar 2026	5:00 PM	SSE	4.2
15 Mar 2026	6:00 PM	SSE	3.7
15 Mar 2026	7:00 PM	SSE	3.5
15 Mar 2026	8:00 PM	SE	2.6
15 Mar 2026	9:00 PM	E	2.4
15 Mar 2026	10:00 PM	E	3.1
15 Mar 2026	11:00 PM	ESE	1.9
16 Mar 2026	12:00 AM	E	2.1
16 Mar 2026	1:00 AM	E	2.6
16 Mar 2026	2:00 AM	E	2.9
16 Mar 2026	3:00 AM	E	3.7
16 Mar 2026	4:00 AM	E	2.1
16 Mar 2026	5:00 AM	E	3.0
16 Mar 2026	6:00 AM	E	2.3
16 Mar 2026	7:00 AM	E	3.6

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
16 Mar 2026	8:00 AM	E	4.0
16 Mar 2026	9:00 AM	E	2.7
16 Mar 2026	10:00 AM	NE	2.9
16 Mar 2026	11:00 AM	NE	3.7
16 Mar 2026	12:00 PM	NNW	3.8
16 Mar 2026	1:00 PM	W	3.2
16 Mar 2026	2:00 PM	NW	2.8
16 Mar 2026	3:00 PM	W	2.5
16 Mar 2026	4:00 PM	SSW	2.6
16 Mar 2026	5:00 PM	SSE	3.2
16 Mar 2026	6:00 PM	SE	4.7
16 Mar 2026	7:00 PM	SSE	3.0
16 Mar 2026	8:00 PM	E	3.3
16 Mar 2026	9:00 PM	ESE	1.9
16 Mar 2026	10:00 PM	ESE	1.7
16 Mar 2026	11:00 PM	ESE	1.2
17 Mar 2026	12:00 AM	ENE	2.6
17 Mar 2026	1:00 AM	E	3.4
17 Mar 2026	2:00 AM	E	3.1
17 Mar 2026	3:00 AM	E	3.3
17 Mar 2026	4:00 AM	E	2.8
17 Mar 2026	5:00 AM	E	2.9
17 Mar 2026	6:00 AM	E	3.4
17 Mar 2026	7:00 AM	E	1.7
17 Mar 2026	8:00 AM	E	1.9
17 Mar 2026	9:00 AM	E	2.6
17 Mar 2026	10:00 AM	ENE	3.8
17 Mar 2026	11:00 AM	E	3.6
17 Mar 2026	12:00 PM	E	2.9
17 Mar 2026	1:00 PM	NE	1.5
17 Mar 2026	2:00 PM	SW	1.5
17 Mar 2026	3:00 PM	WNW	1.9
17 Mar 2026	4:00 PM	N	0.8
17 Mar 2026	5:00 PM	E	0.8
17 Mar 2026	6:00 PM	ESE	1.2
17 Mar 2026	7:00 PM	SE	3.7
17 Mar 2026	8:00 PM	SE	2.5
17 Mar 2026	9:00 PM	ESE	1.5
17 Mar 2026	10:00 PM	E	3.7
17 Mar 2026	11:00 PM	E	2.5
18 Mar 2026	12:00 AM	E	2.7
18 Mar 2026	1:00 AM	E	2.7
18 Mar 2026	2:00 AM	E	3.0
18 Mar 2026	3:00 AM	E	3.2
18 Mar 2026	4:00 AM	ESE	2.4
18 Mar 2026	5:00 AM	ESE	2.2

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
18 Mar 2026	6:00 AM	ESE	2.3
18 Mar 2026	7:00 AM	E	1.2
18 Mar 2026	8:00 AM	E	1.3
18 Mar 2026	9:00 AM	N	1.0
18 Mar 2026	10:00 AM	NNW	2.5
18 Mar 2026	11:00 AM	WNW	3.1
18 Mar 2026	12:00 PM	W	5.1
18 Mar 2026	1:00 PM	W	6.8
18 Mar 2026	2:00 PM	W	7.0
18 Mar 2026	3:00 PM	W	5.9
18 Mar 2026	4:00 PM	SW	4.3
18 Mar 2026	5:00 PM	W	5.2
18 Mar 2026	6:00 PM	W	4.4
18 Mar 2026	7:00 PM	SSW	1.3
18 Mar 2026	8:00 PM	SSE	1.4
18 Mar 2026	9:00 PM	ESE	1.5
18 Mar 2026	10:00 PM	SE	2.8
18 Mar 2026	11:00 PM	N	0.0
19 Mar 2026	12:00 AM	SSE	2.4
19 Mar 2026	1:00 AM	SE	1.5
19 Mar 2026	2:00 AM	SE	1.7
19 Mar 2026	3:00 AM	SE	1.7
19 Mar 2026	4:00 AM	SE	2.0
19 Mar 2026	5:00 AM	N	0.0
19 Mar 2026	6:00 AM	SE	2.3
19 Mar 2026	7:00 AM	NNE	1.6
19 Mar 2026	8:00 AM	SE	1.6
19 Mar 2026	9:00 AM	NNW	1.2
19 Mar 2026	10:00 AM	N	2.2
19 Mar 2026	11:00 AM	W	4.6
19 Mar 2026	12:00 PM	W	6.5
19 Mar 2026	1:00 PM	W	7.4
19 Mar 2026	2:00 PM	W	7.1
19 Mar 2026	3:00 PM	W	6.3
19 Mar 2026	4:00 PM	W	6.1
19 Mar 2026	5:00 PM	W	6.1
19 Mar 2026	6:00 PM	SSW	3.9
19 Mar 2026	7:00 PM	SE	4.9
19 Mar 2026	8:00 PM	SE	4.2
19 Mar 2026	9:00 PM	SE	3.6
19 Mar 2026	10:00 PM	SE	1.9
19 Mar 2026	11:00 PM	ESE	0.4
20 Mar 2026	12:00 AM	ENE	1.4
20 Mar 2026	1:00 AM	E	4.3
20 Mar 2026	2:00 AM	E	4.8
20 Mar 2026	3:00 AM	E	5.0

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
20 Mar 2026	4:00 AM	E	4.6
20 Mar 2026	5:00 AM	E	5.4
20 Mar 2026	6:00 AM	E	4.0
20 Mar 2026	7:00 AM	E	3.4
20 Mar 2026	8:00 AM	E	3.8
20 Mar 2026	9:00 AM	E	3.5
20 Mar 2026	10:00 AM	ENE	3.0
20 Mar 2026	11:00 AM	SE	2.6
20 Mar 2026	12:00 PM	SE	3.8
20 Mar 2026	1:00 PM	SSE	6.4
20 Mar 2026	2:00 PM	SE	7.4
20 Mar 2026	3:00 PM	S	6.1
20 Mar 2026	4:00 PM	SSE	4.6
20 Mar 2026	5:00 PM	E	4.8
20 Mar 2026	6:00 PM	ENE	4.0
20 Mar 2026	7:00 PM	E	4.0
20 Mar 2026	8:00 PM	E	4.2
20 Mar 2026	9:00 PM	E	3.5
20 Mar 2026	10:00 PM	ENE	2.7
20 Mar 2026	11:00 PM	E	3.5
21 Mar 2026	12:00 AM	E	3.4
21 Mar 2026	1:00 AM	E	3.8
21 Mar 2026	2:00 AM	ENE	2.7
21 Mar 2026	3:00 AM	E	3.8
21 Mar 2026	4:00 AM	E	3.4
21 Mar 2026	5:00 AM	E	3.4
21 Mar 2026	6:00 AM	E	3.0
21 Mar 2026	7:00 AM	E	3.1
21 Mar 2026	8:00 AM	ENE	2.3
21 Mar 2026	9:00 AM	E	3.3
21 Mar 2026	10:00 AM	E	3.6
21 Mar 2026	11:00 AM	NE	3.9
21 Mar 2026	12:00 PM	E	4.6
21 Mar 2026	1:00 PM	ENE	3.0
21 Mar 2026	2:00 PM	NE	3.7
21 Mar 2026	3:00 PM	E	4.4
21 Mar 2026	4:00 PM	E	4.7
21 Mar 2026	5:00 PM	E	4.5
21 Mar 2026	6:00 PM	SE	3.8
21 Mar 2026	7:00 PM	ESE	3.1
21 Mar 2026	8:00 PM	E	3.4
21 Mar 2026	9:00 PM	E	3.8
21 Mar 2026	10:00 PM	E	3.6
21 Mar 2026	11:00 PM	E	3.6
22 Mar 2026	12:00 AM	E	3.2
22 Mar 2026	1:00 AM	E	2.9

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
22 Mar 2026	2:00 AM	E	3.3
22 Mar 2026	3:00 AM	ENE	2.2
22 Mar 2026	4:00 AM	E	3.6
22 Mar 2026	5:00 AM	E	3.4
22 Mar 2026	6:00 AM	E	3.0
22 Mar 2026	7:00 AM	E	2.8
22 Mar 2026	8:00 AM	ESE	3.5
22 Mar 2026	9:00 AM	ESE	3.8
22 Mar 2026	10:00 AM	E	3.5
22 Mar 2026	11:00 AM	ESE	2.9
22 Mar 2026	12:00 PM	NNE	2.7
22 Mar 2026	1:00 PM	NW	4.0
22 Mar 2026	2:00 PM	WNW	3.3
22 Mar 2026	3:00 PM	W	5.2
22 Mar 2026	4:00 PM	W	4.0
22 Mar 2026	5:00 PM	SE	3.3
22 Mar 2026	6:00 PM	SE	3.8
22 Mar 2026	7:00 PM	SSW	2.2
22 Mar 2026	8:00 PM	WSW	3.3
22 Mar 2026	9:00 PM	WSW	2.6
22 Mar 2026	10:00 PM	SE	2.7
22 Mar 2026	11:00 PM	SE	3.0
23 Mar 2026	12:00 AM	SSE	1.9
23 Mar 2026	1:00 AM	SSE	3.0
23 Mar 2026	2:00 AM	SE	1.9
23 Mar 2026	3:00 AM	ESE	1.9
23 Mar 2026	4:00 AM	ESE	1.6
23 Mar 2026	5:00 AM	SE	1.2
23 Mar 2026	6:00 AM	SE	1.4
23 Mar 2026	7:00 AM	SE	1.5
23 Mar 2026	8:00 AM	SE	1.3
23 Mar 2026	9:00 AM	SE	2.4
23 Mar 2026	10:00 AM	ENE	2.7
23 Mar 2026	11:00 AM	NW	3.8
23 Mar 2026	12:00 PM	W	4.6
23 Mar 2026	1:00 PM	W	5.7
23 Mar 2026	2:00 PM	W	5.6
23 Mar 2026	3:00 PM	W	6.9
23 Mar 2026	4:00 PM	W	7.4
23 Mar 2026	5:00 PM	WSW	6.0
23 Mar 2026	6:00 PM	SSE	3.8
23 Mar 2026	7:00 PM	SSE	3.3
23 Mar 2026	8:00 PM	SSE	3.4
23 Mar 2026	9:00 PM	SE	1.7
23 Mar 2026	10:00 PM	SSE	3.7
23 Mar 2026	11:00 PM	SE	3.6

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
24 Mar 2026	12:00 AM	SE	3.3
24 Mar 2026	1:00 AM	ESE	2.2
24 Mar 2026	2:00 AM	ESE	1.6
24 Mar 2026	3:00 AM	ESE	3.0
24 Mar 2026	4:00 AM	ESE	2.3
24 Mar 2026	5:00 AM	E	3.2
24 Mar 2026	6:00 AM	SE	3.4
24 Mar 2026	7:00 AM	ENE	2.0
24 Mar 2026	8:00 AM	NNE	1.8
24 Mar 2026	9:00 AM	N	2.2
24 Mar 2026	10:00 AM	N	2.3
24 Mar 2026	11:00 AM	NW	3.1
24 Mar 2026	12:00 PM	W	4.0
24 Mar 2026	1:00 PM	W	5.4
24 Mar 2026	2:00 PM	W	5.0
24 Mar 2026	3:00 PM	W	4.8
24 Mar 2026	4:00 PM	WSW	3.5
24 Mar 2026	5:00 PM	S	3.3
24 Mar 2026	6:00 PM	SSE	3.3
24 Mar 2026	7:00 PM	SE	3.9
24 Mar 2026	8:00 PM	SE	2.9
24 Mar 2026	9:00 PM	SE	3.2
24 Mar 2026	10:00 PM	SE	3.8
24 Mar 2026	11:00 PM	SE	3.1
25 Mar 2026	12:00 AM	SSE	2.8
25 Mar 2026	1:00 AM	SSE	1.9
25 Mar 2026	2:00 AM	SE	1.3
25 Mar 2026	3:00 AM	SE	1.6
25 Mar 2026	4:00 AM	SSE	2.2
25 Mar 2026	5:00 AM	SE	1.5
25 Mar 2026	6:00 AM	SE	1.1
25 Mar 2026	7:00 AM	N	0.0
25 Mar 2026	8:00 AM	NW	0.7
25 Mar 2026	9:00 AM	NW	1.3
25 Mar 2026	10:00 AM	W	2.0
25 Mar 2026	11:00 AM	W	3.3
25 Mar 2026	12:00 PM	WSW	4.9
25 Mar 2026	1:00 PM	WSW	5.5
25 Mar 2026	2:00 PM	W	5.5
25 Mar 2026	3:00 PM	W	5.5
25 Mar 2026	4:00 PM	W	4.9
25 Mar 2026	5:00 PM	W	5.0
25 Mar 2026	6:00 PM	WSW	3.2
25 Mar 2026	7:00 PM	SE	2.4
25 Mar 2026	8:00 PM	SE	5.1
25 Mar 2026	9:00 PM	SE	4.0

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
25 Mar 2026	10:00 PM	SE	1.4
25 Mar 2026	11:00 PM	S	2.5
26 Mar 2026	12:00 AM	SE	3.3
26 Mar 2026	1:00 AM	S	2.4
26 Mar 2026	2:00 AM	SSE	0.8
26 Mar 2026	3:00 AM	SE	1.8
26 Mar 2026	4:00 AM	SSE	2.2
26 Mar 2026	5:00 AM	SSE	2.0
26 Mar 2026	6:00 AM	SSE	1.4
26 Mar 2026	7:00 AM	S	1.9
26 Mar 2026	8:00 AM	SE	3.4
26 Mar 2026	9:00 AM	SE	4.7
26 Mar 2026	10:00 AM	S	5.4
26 Mar 2026	11:00 AM	S	6.8
26 Mar 2026	12:00 PM	S	5.9
26 Mar 2026	1:00 PM	S	6.3
26 Mar 2026	2:00 PM	S	6.1
26 Mar 2026	3:00 PM	S	4.3
26 Mar 2026	4:00 PM	SSE	5.5
26 Mar 2026	5:00 PM	S	5.0
26 Mar 2026	6:00 PM	S	3.7
26 Mar 2026	7:00 PM	SSE	3.5
26 Mar 2026	8:00 PM	E	3.3
26 Mar 2026	9:00 PM	E	3.6
26 Mar 2026	10:00 PM	E	2.1
26 Mar 2026	11:00 PM	NNE	0.6
27 Mar 2026	12:00 AM	E	1.6
27 Mar 2026	1:00 AM	E	3.0
27 Mar 2026	2:00 AM	E	3.2
27 Mar 2026	3:00 AM	E	2.5
27 Mar 2026	4:00 AM	E	2.8
27 Mar 2026	5:00 AM	E	3.1
27 Mar 2026	6:00 AM	E	2.3
27 Mar 2026	7:00 AM	ENE	0.8
27 Mar 2026	8:00 AM	ENE	1.8
27 Mar 2026	9:00 AM	ENE	2.4
27 Mar 2026	10:00 AM	NNW	3.2
27 Mar 2026	11:00 AM	NNW	2.8
27 Mar 2026	12:00 PM	W	2.7
27 Mar 2026	1:00 PM	WSW	3.1
27 Mar 2026	2:00 PM	SSE	3.7
27 Mar 2026	3:00 PM	SSW	4.4
27 Mar 2026	4:00 PM	SSE	3.9
27 Mar 2026	5:00 PM	SE	4.8
27 Mar 2026	6:00 PM	SE	4.0
27 Mar 2026	7:00 PM	ENE	2.3

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
27 Mar 2026	8:00 PM	E	2.9
27 Mar 2026	9:00 PM	E	2.7
27 Mar 2026	10:00 PM	E	2.7
27 Mar 2026	11:00 PM	E	1.9
28 Mar 2026	12:00 AM	E	2.0
28 Mar 2026	1:00 AM	E	3.4
28 Mar 2026	2:00 AM	E	1.9
28 Mar 2026	3:00 AM	E	1.9
28 Mar 2026	4:00 AM	ENE	2.3
28 Mar 2026	5:00 AM	E	1.9
28 Mar 2026	6:00 AM	E	2.5
28 Mar 2026	7:00 AM	SE	2.1
28 Mar 2026	8:00 AM	SE	2.9
28 Mar 2026	9:00 AM	SE	5.3
28 Mar 2026	10:00 AM	SE	6.2
28 Mar 2026	11:00 AM	S	5.4
28 Mar 2026	12:00 PM	S	5.4
28 Mar 2026	1:00 PM	SSE	5.5
28 Mar 2026	2:00 PM	SE	5.6
28 Mar 2026	3:00 PM	SSE	5.7
28 Mar 2026	4:00 PM	S	5.3
28 Mar 2026	5:00 PM	SE	5.7
28 Mar 2026	6:00 PM	SE	5.4
28 Mar 2026	7:00 PM	SSE	5.1
28 Mar 2026	8:00 PM	ESE	3.5
28 Mar 2026	9:00 PM	ESE	3.3
28 Mar 2026	10:00 PM	E	4.5
28 Mar 2026	11:00 PM	E	4.1

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
29 Mar 2026	12:00 AM	E	3.5
29 Mar 2026	1:00 AM	E	3.9
29 Mar 2026	2:00 AM	E	3.1
29 Mar 2026	3:00 AM	E	2.2
29 Mar 2026	4:00 AM	E	2.5
29 Mar 2026	5:00 AM	E	3.3
29 Mar 2026	6:00 AM	E	2.8
29 Mar 2026	7:00 AM	E	1.9
29 Mar 2026	8:00 AM	E	2.2
29 Mar 2026	9:00 AM	ENE	2.7
29 Mar 2026	10:00 AM	ESE	3.8
29 Mar 2026	11:00 AM	SE	5.0
29 Mar 2026	12:00 PM	SSE	4.9
29 Mar 2026	1:00 PM	SE	6.6
29 Mar 2026	2:00 PM	SE	7.1
29 Mar 2026	3:00 PM	SSE	7.5
29 Mar 2026	4:00 PM	SSE	6.3
29 Mar 2026	5:00 PM	S	4.5
29 Mar 2026	6:00 PM	SE	4.6
29 Mar 2026	7:00 PM	S	1.8
29 Mar 2026	8:00 PM	SE	3.1
29 Mar 2026	9:00 PM	SE	4.2
29 Mar 2026	10:00 PM	SE	5.7
29 Mar 2026	11:00 PM	E	3.4
30 Mar 2026	12:00 AM	SE	3.8
30 Mar 2026	1:00 AM	SE	5.1
30 Mar 2026	2:00 AM	SSE	3.8

March 2026			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
30 Mar 2026	3:00 AM	SE	6.2
30 Mar 2026	4:00 AM	SE	6.1
30 Mar 2026	5:00 AM	SE	5.1
30 Mar 2026	6:00 AM	SE	4.1
30 Mar 2026	7:00 AM	S	2.9
30 Mar 2026	8:00 AM	S	5.0
30 Mar 2026	9:00 AM	SW	6.9
30 Mar 2026	10:00 AM	W	7.7
30 Mar 2026	11:00 AM	SSE	3.3
30 Mar 2026	12:00 PM	N	3.5
30 Mar 2026	1:00 PM	NW	6.3
30 Mar 2026	2:00 PM	ESE	2.9
30 Mar 2026	3:00 PM	SSE	4.1
30 Mar 2026	4:00 PM	S	6.4
30 Mar 2026	5:00 PM	S	4.8
30 Mar 2026	6:00 PM	SE	4.5
30 Mar 2026	7:00 PM	SE	4.4
30 Mar 2026	8:00 PM	SE	4.1
30 Mar 2026	9:00 PM	SE	3.9
30 Mar 2026	10:00 PM	SE	3.9
30 Mar 2026	11:00 PM	SE	4.6
31 Mar 2026	12:00 AM	SE	4.3
31 Mar 2026	1:00 AM	SE	3.4
31 Mar 2026	2:00 AM	SE	3.2
31 Mar 2026	3:00 AM	SE	3.2
31 Mar 2026	4:00 AM	SE	3.5
31 Mar 2026	5:00 AM	SE	3.6
31 Mar 2026	6:00 AM	SE	3.8
31 Mar 2026	7:00 AM	S	3.3
31 Mar 2026	8:00 AM	SSE	5.0
31 Mar 2026	9:00 AM	SSE	5.9
31 Mar 2026	10:00 AM	S	5.8
31 Mar 2026	11:00 AM	S	4.6
31 Mar 2026	12:00 PM	S	5.0
31 Mar 2026	1:00 PM	SSE	5.8
31 Mar 2026	2:00 PM	S	4.4
31 Mar 2026	3:00 PM	S	4.7
31 Mar 2026	4:00 PM	S	5.2
31 Mar 2026	5:00 PM	SSW	5.4
31 Mar 2026	6:00 PM	SW	5.0
31 Mar 2026	7:00 PM	SW	4.7
31 Mar 2026	8:00 PM	SW	4.4
31 Mar 2026	9:00 PM	SSW	3.1
31 Mar 2026	10:00 PM	SW	2.6
31 Mar 2026	11:00 PM	WSW	3.8

APPENDIX E
WATER MONITORING RESULTS AND GRAPHICAL PRESENTATIONS

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 02 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	11:54	Middle	<0.5	25.0	25.0	8.2	8.2	0.18	0.18	91.3	89.0	7.6	7.4	4.0	4.0	1.0	1.0
					25.0		8.2		0.18		86.6		7.2		4.0		1.0	
M1	Sunny	12:03	Middle	<0.5	23.7	23.7	8.1	8.1	0.06	0.06	99.4	99.4	8.4	8.4	16.0	17.3	3.9	3.0
					23.7		8.1		0.05		99.4		8.4		18.5		2.0	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 04 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	14:03	Middle	<0.5	19.1	19.1	7.9	7.8	0.15	0.15	85.0	85.0	7.9	7.9	14.2	17.2	8.8	19.3
					19.0		7.7		0.14		84.9		7.9		20.1		29.7	
M1	Sunny	14:16	Middle	<0.5	18.9	18.9	7.7	7.7	0.15	0.16	83.7	84.3	7.8	7.8	71.3	73.0	17.4	19.6
					18.8		7.7		0.16		84.9		7.9		74.7		21.8	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 06 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	16:04	Middle	<0.5	21.7	21.7	7.9	7.9	0.14	0.14	72.9	72.8	6.4	6.4	4.0	4.0	3.4	4.1
					21.7		7.8		0.14		72.7		6.4		3.9		4.7	
M1	Sunny	15:42	Middle	<0.5	20.2	20.2	8.2	8.2	0.16	0.16	69.3	69.2	6.3	6.3	11.1	11.3	14.1	18.8
					20.2		8.1		0.16		69.0		6.2		11.5		23.5	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 09 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	15:28	Middle	<0.5	25.1	25.1	8.2	8.1	0.12	0.12	86.1	86.1	7.2	7.2	4.0	4.0	7.2	6.4
					25.1		8.0		0.12		86.1		7.2		3.9		5.5	
M1	Sunny	14:50	Middle	<0.5	21.6	21.6	8.2	8.2	0.13	0.13	66.6	66.5	6.2	6.2	11.1	11.3	1.8	2.2
					21.6		8.2		0.13		66.3		6.2		11.5		2.5	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 11 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	16:39	Middle	<0.5	20.8	20.8	7.8	7.8	0.13	0.13	69.8	69.7	6.2	6.2	5.3	5.3	3.1	2.6
					20.8		7.8		0.13		69.5		6.2		5.3		2.1	
M1	Sunny	15:23	Middle	<0.5	19.3	19.3	8.1	8.1	0.14	0.14	67.4	67.3	6.2	6.2	22.8	22.8	53.9	53.0
					19.3		8.1		0.14		67.2		6.2		22.9		52.1	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 13 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	15:13	Middle	<0.5	23.6	23.6	8.0	8.0	0.12	0.12	82.1	81.6	7.0	6.9	5.7	5.6	2.5	3.9
					23.6		8.0		0.12		81.0		6.9		5.4		5.3	
M1	Sunny	14:50	Middle	<0.5	20.0	20.0	8.3	8.3	0.15	0.15	64.5	64.0	5.9	5.8	10.0	10.2	2.7	3.4
					20.0		8.3		0.15		63.4		5.8		10.3		4.1	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 16 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	15:13	Middle	<0.5	24.9	24.9	8.1	8.0	0.12	0.12	81.5	80.9	6.7	6.7	4.8	4.7	1.0	1.0
					24.9		7.9		0.12		80.3		6.6		4.7		1.0	
M1	Sunny	14:50	Middle	<0.5	20.7	20.7	8.5	8.4	0.13	0.13	70.9	70.4	6.4	6.3	8.0	8.0	3.1	3.8
					20.7		8.4		0.13		69.8		6.3		8.0		4.4	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 18 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	15:53	Middle	<0.5	25.0	25.0	8.4	8.3	0.12	0.12	82.6	81.9	6.8	6.8	5.9	6.0	4.5	8.4
					25.0		8.2		0.12		81.2		6.7		6.0		12.2	
M1	Sunny	15:24	Middle	<0.5	21.7	21.6	8.8	8.8	0.13	0.13	65.3	64.9	5.7	5.7	7.2	7.1	1.0	1.0
					21.6		8.7		0.13		64.5		5.7		7.1		1.0	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 20 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	16:43	Middle	<0.5	24.5	24.5	7.9	7.9	0.11	0.11	66.1	66.0	5.5	5.5	5.4	5.2	1.5	1.3
					24.5		7.9		0.11		65.8		5.5		5.1		1.0	
M1	Sunny	16:25	Middle	<0.5	22.8	22.8	8.3	8.3	0.13	0.13	49.1	48.7	4.2	4.2	6.8	6.8	2.0	1.7
					22.8		8.3		0.13		48.3		4.2		6.9		1.3	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 23 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	16:30	Middle	<0.5	25.1	25.1	8.1	8.1	0.11	0.11	75.3	75.1	6.2	6.2	5.2	5.2	1.7	1.5
					25.1		8.1		0.11		74.8		6.2		5.2		1.2	
M1	Sunny	16:06	Middle	<0.5	23.5	23.5	8.3	8.3	0.13	0.13	69.6	69.5	5.9	5.9	10.1	10.1	4.0	4.1
					23.5		8.2		0.13		69.4		5.9		10.2		4.1	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 25 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	11:51	Middle	<0.5	26.4	26.3	7.8	7.8	0.16	0.13	82.2	83.3	6.6	6.7	7.6	7.2	3.0	5.1
					26.3		7.8		0.10		84.3		6.8		6.8		7.1	
M1	Sunny	11:59	Middle	<0.5	25.1	25.0	7.7	7.7	0.11	0.11	84.4	83.1	7.0	6.9	16.5	16.4	7.9	6.0
					24.9		7.7		0.11		81.8		6.8		16.3		4.0	

Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 27 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	15:08	Middle	<0.5	24.9	24.9	7.7	7.7	0.10	0.10	59.6	58.9	4.9	4.9	6.6	6.7	6.8	4.6
					24.9		7.7		0.10		58.2		4.8		6.9		2.4	
M1	Sunny	14:49	Middle	<0.5	24.6	24.5	8.0	8.0	0.11	0.11	70.1	68.9	5.8	5.7	7.5	7.4	2.1	2.8
					24.4		8.0		0.11		67.7		5.7		7.4		3.4	

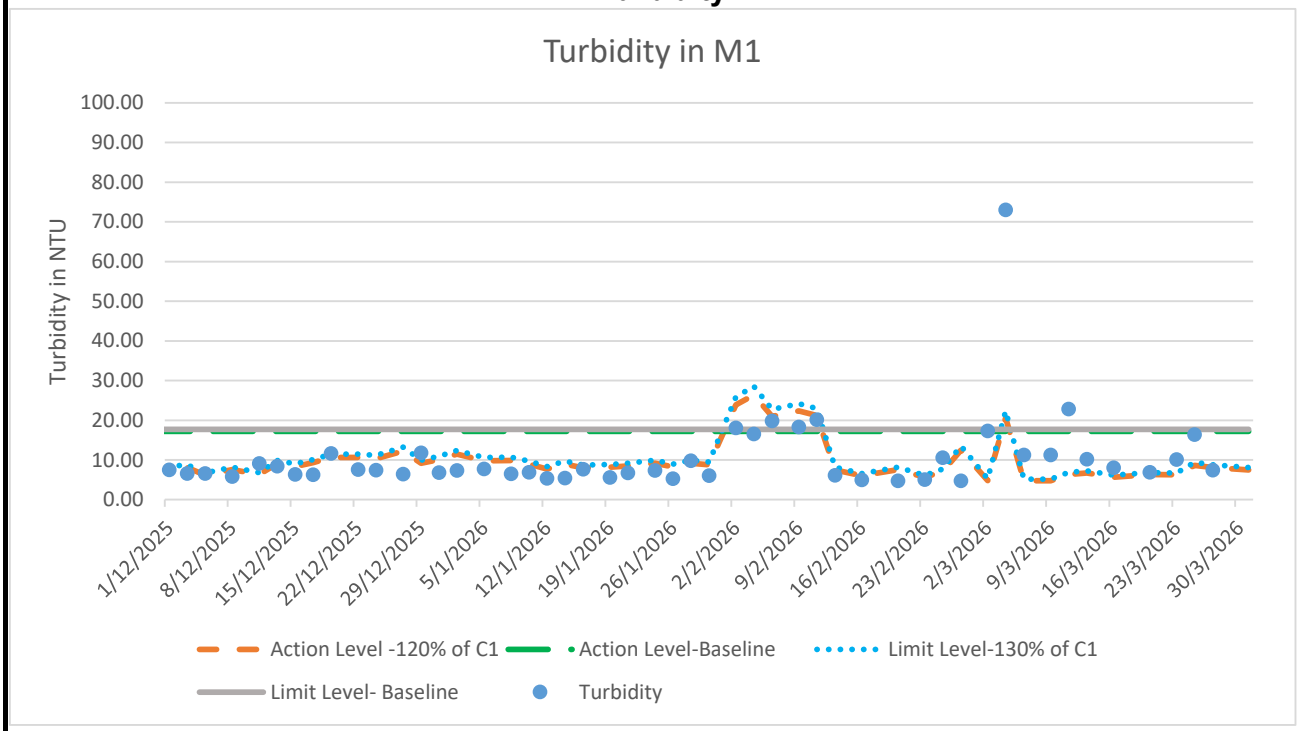
Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Contract No. HATS 01/2025 Environmental Team for Hung Shui Kiu Effluent Polishing Plant Phase 1
Water Quality Monitoring Results on 30 March 2026

Location	Weather Condition	Sampling Time	Depth (M)		Temperature (^{o}C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)		Suspended Solids (mg/L)	
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average
C1	Sunny	15:15	Middle	<0.5	25.9	25.9	7.5	7.5	0.11	0.11	67.3	66.7	5.5	5.4	6.3	6.2	2.3	2.3
					25.9		7.5		0.11		66.1		5.4		6.2		2.3	
M1	Sunny	14:53	Middle	<0.5	25.5	25.5	8.0	8.0	0.13	0.13	67.2	67.1	5.5	5.5	309.8	302.1	202.5	210.4
					25.4		8.0		0.13		66.9		5.5		294.4		218.3	

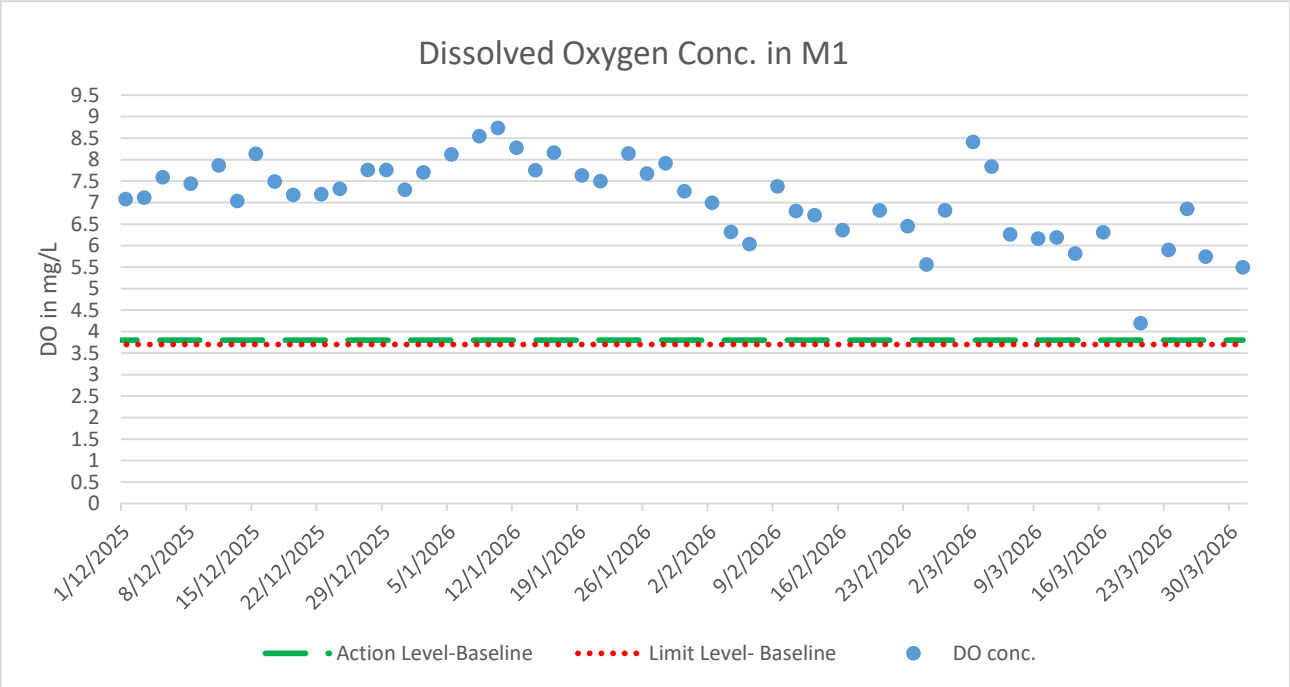
Remark: If the lab result of SS concentration at control station was less than 1.0 mg/L, 1.0 mg/L would be assumed as the SS concentration for calculating the action and limit levels based on the control station as a conservative approach.

Turbidity



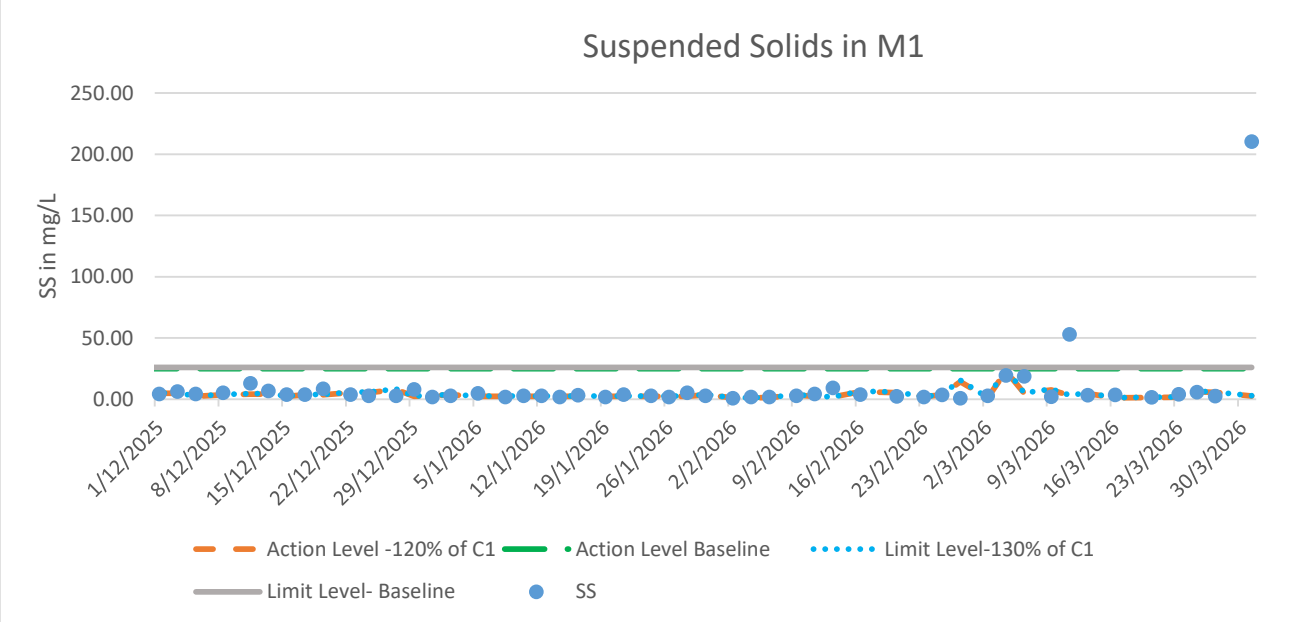
Title: Contract No. HATS 01/2025 ET for Hung Shui Kiu Effluent Polishing Plant Phase 1 Graphical Presentation of Impact Water Quality Monitoring Results	Scale: N.T.S	Project No.: MA25111	CINOTECH
	Date: Mar-26	Appendix: E	

Dissolved Oxygen



Title: Contract No. HATS 01/2025 ET for Hung Shui Kiu Effluent Polishing Plant Phase 1 Graphical Presentation of Impact Water Quality Monitoring Results	Scale: N.T.S	Project No.: MA25111	CINOTECH
	Date: Mar-26	Appendix: E	

Suspended Solids



Title: Contract No. HATS 01/2025 ET for Hung Shui Kiu Effluent Polishing Plant Phase 1 Graphical Presentation of Impact Water Quality Monitoring Results	Scale: N.T.S	Project No.: MA25111	CINOTECH
	Date: Mar-26	Appendix: E	

APPENDIX F
LABORATORY TESTING REPORTS WITH QUALITY CONTROL REPORTS FOR WATER MONITORING

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01470 Issue Date : 9 Mar 2026
Application No. : HP01223

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 2 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 2 Mar 2026

Test Period : 3 Mar 2026 to 3 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01470 Issue Date : 9 Mar 2026
Application No. : HP01223

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	2 Mar 2026	HP01223-01	1.0	± 0.1
C1_2	2 Mar 2026	HP01223-02	1.0	± 0.1
M1_1	2 Mar 2026	HP01223-03	3.9	± 0.3
M1_2	2 Mar 2026	HP01223-04	2.0	± 0.1

Note :

1. **The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.**
2. **The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.**
3. **mg/L denotes milligram per liter.**

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01471 Issue Date : 11 Mar 2026
Application No. : HP01224

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 4 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 4 Mar 2026

Test Period : 5 Mar 2026 to 5 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01471 Issue Date : 11 Mar 2026
Application No. : HP01224

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	4 Mar 2026	HP01224-01	8.8	± 0.6
C1_2	4 Mar 2026	HP01224-02	29.7	± 2.2
M1_1	4 Mar 2026	HP01224-03	17.4	± 1.3
M1_2	4 Mar 2026	HP01224-04	21.8	± 1.6

Note :
1. **The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.**
2. **The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.**
3. **mg/L denotes milligram per liter.**

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01472 Issue Date : 13 Mar 2026
Application No. : HP01225

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 6 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 6 Mar 2026

Test Period : 9 Mar 2026 to 9 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01472 Issue Date : 13 Mar 2026
Application No. : HP01225

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	6 Mar 2026	HP01225-01	3.4	± 0.2
C1_2	6 Mar 2026	HP01225-02	4.7	± 0.3
M1_1	6 Mar 2026	HP01225-03	14.1	± 1.0
M1_2	6 Mar 2026	HP01225-04	23.5	± 1.7

Note :
1. **The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.**
2. **The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.**
3. **mg/L denotes milligram per liter.**

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01473 Issue Date : 16 Mar 2026
Application No. : HP01226

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 9 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 9 Mar 2026

Test Period : 10 Mar 2026 to 10 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01473 Issue Date : 16 Mar 2026
Application No. : HP01226

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	9 Mar 2026	HP01226-01	7.2	± 0.5
C1_2	9 Mar 2026	HP01226-02	5.5	± 0.4
M1_1	9 Mar 2026	HP01226-03	1.8	± 0.1
M1_2	9 Mar 2026	HP01226-04	2.5	± 0.2

Note :
1. **The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.**
2. **The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.**
3. **mg/L denotes milligram per liter.**

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01474 Issue Date : 18 Mar 2026
Application No. : HP01227

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 11 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 11 Mar 2026

Test Period : 12 Mar 2026 to 12 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01474 Issue Date : 18 Mar 2026
Application No. : HP01227

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	11 Mar 2026	HP01227-01	3.1	± 0.2
C1_2	11 Mar 2026	HP01227-02	2.1	± 0.2
M1_1	11 Mar 2026	HP01227-03	53.9	± 3.9
M1_2	11 Mar 2026	HP01227-04	52.1	± 3.8

Note : 1. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.
2. The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.
3. mg/L denotes milligram per liter.

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01475 Issue Date : 20 Mar 2026
Application No. : HP01228

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 13 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 13 Mar 2026

Test Period : 16 Mar 2026 to 16 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01475 Issue Date : 20 Mar 2026
Application No. : HP01228

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	13 Mar 2026	HP01228-01	2.5	± 0.2
C1_2	13 Mar 2026	HP01228-02	5.3	± 0.4
M1_1	13 Mar 2026	HP01228-03	2.7	± 0.2
M1_2	13 Mar 2026	HP01228-04	4.1	± 0.3

Note :
1. **The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.**
2. **The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.**
3. **mg/L denotes milligram per liter.**

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01476 Issue Date : 23 Mar 2026
Application No. : HP01244

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 16 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 16 Mar 2026

Test Period : 17 Mar 2026 to 17 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01476 Issue Date : 23 Mar 2026
Application No. : HP01244

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	16 Mar 2026	HP01244-01	<1.0	N/A
C1_2	16 Mar 2026	HP01244-02	<1.0	N/A
M1_1	16 Mar 2026	HP01244-03	3.1	± 0.2
M1_2	16 Mar 2026	HP01244-04	4.4	± 0.3

Note :
1. **The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.**
2. **The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.**
3. **mg/L denotes milligram per liter.**

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01477 Issue Date : 25 Mar 2026
Application No. : HP01245

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 18 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 18 Mar 2026

Test Period : 19 Mar 2026 to 19 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01477 Issue Date : 25 Mar 2026
Application No. : HP01245

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	18 Mar 2026	HP01245-01	4.5	± 0.3
C1_2	18 Mar 2026	HP01245-02	12.2	± 0.9
M1_1	18 Mar 2026	HP01245-03	<1.0	N/A
M1_2	18 Mar 2026	HP01245-04	<1.0	N/A

Note : 1. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.
2. The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.
3. mg/L denotes milligram per liter.

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01478 Issue Date : 20 Mar 2026
Application No. : HP01246

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 20 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 20 Mar 2026

Test Period : 23 Mar 2026 to 23 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01478 Issue Date : 20 Mar 2026
Application No. : HP01246

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	20 Mar 2026	HP01246-01	1.5	± 0.1
C1_2	20 Mar 2026	HP01246-02	<1.0	N/A
M1_1	20 Mar 2026	HP01246-03	2.0	± 0.1
M1_2	20 Mar 2026	HP01246-04	1.3	± 0.1

Note : 1. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.
2. The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.
3. mg/L denotes milligram per liter.

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01488 Issue Date : 30 Mar 2026
Application No. : HP01247

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 23 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 23 Mar 2026

Test Period : 24 Mar 2026 to 24 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01488 Issue Date : 30 Mar 2026
Application No. : HP01247

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	23 Mar 2026	HP01247-01	1.7	± 0.1
C1_2	23 Mar 2026	HP01247-02	1.2	± 0.1
M1_1	23 Mar 2026	HP01247-03	4.0	± 0.3
M1_2	23 Mar 2026	HP01247-04	4.1	± 0.3

Note : 1. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.
2. The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.
3. mg/L denotes milligram per liter.

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01489 Issue Date : 1 Apr 2026
Application No. : HP01248

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 25 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 25 Mar 2026

Test Period : 26 Mar 2026 to 26 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01489 Issue Date : 1 Apr 2026
Application No. : HP01248

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	25 Mar 2026	HP01248-01	3.0	± 0.2
C1_2	25 Mar 2026	HP01248-02	7.1	± 0.5
M1_1	25 Mar 2026	HP01248-03	7.9	± 0.6
M1_2	25 Mar 2026	HP01248-04	4.0	± 0.3

Note :
1. **The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.**
2. **The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.**
3. **mg/L denotes milligram per liter.**

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01490 Issue Date : 8 Apr 2026
Application No. : HP01249

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 27 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 27 Mar 2026

Test Period : 30 Mar 2026 to 30 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01490 Issue Date : 8 Apr 2026
Application No. : HP01249

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	27 Mar 2026	HP01249-01	6.8	± 0.5
C1_2	27 Mar 2026	HP01249-02	2.4	± 0.2
M1_1	27 Mar 2026	HP01249-03	2.1	± 0.2
M1_2	27 Mar 2026	HP01249-04	3.4	± 0.2

Note :
1. **The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.**
2. **The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.**
3. **mg/L denotes milligram per liter.**

- End of report -

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01491 Issue Date : 9 Apr 2026
Application No. : HP01250

TEST REPORT

Applicant : Cinotech Consultants Limited
Rm 1710, Technology Park, 18 On Lai Street,
Shatin, New Territories, Hong Kong.

Sample Description : Four (4) submitted sample(s) stated to be Wastewater.

Project No. : MA25111

Sampling date : 30 Mar 2026

Sample Status Upon Receipt : Room Temperature

Date Received : 30 Mar 2026

Test Period : 31 Mar 2026 to 31 Mar 2026

Test Requested : Total Suspended Solids (TSS)

Test Method : Method SOP001 reference to Standard Methods for the Examination of Water and Wastewater, 23rd Ed, 2017- APHA, WWA, WPCF; Part 2540 D.

Test Result : Refer to the test result(s) on page 2.

Remark :
1. **Information of the sample description (except sample status upon receipt) provided by the Applicant.**
2. **The result(s) relate only to the items tested.**
3. **The result(s) apply to the sample as received, where HPCT has not been responsible for the sampling stage.**

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Chan Hon Fai
Laboratory Director

High Precision Chemical Testing Ltd.
Rm 1904, Technology Park
18 On Lai Street, Shatin
NT, Hong Kong
Tel: +852 3841 4388 Website: https://www.hpct.com.hk

Report No. : 01491 Issue Date : 9 Apr 2026
Application No. : HP01250

TEST REPORT

Test Result : Total Suspended Solids (TSS)

Client sample ID	Sampling date	Laboratory ID	Result (mg/L)	Uncertainty (mg/L)
C1_1	30 Mar 2026	HP01250-01	2.3	± 0.2
C1_2	30 Mar 2026	HP01250-02	2.3	± 0.2
M1_1	30 Mar 2026	HP01250-03	202.5	± 14.8
M1_2	30 Mar 2026	HP01250-04	218.3	± 15.9

Note :

1. **The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor *k = 2*, providing a level of confidence of approximately 95%.**
2. **The reporting limit for Total Suspended Solids (TSS) is 1.0 mg/L.**
3. **mg/L denotes milligram per liter.**

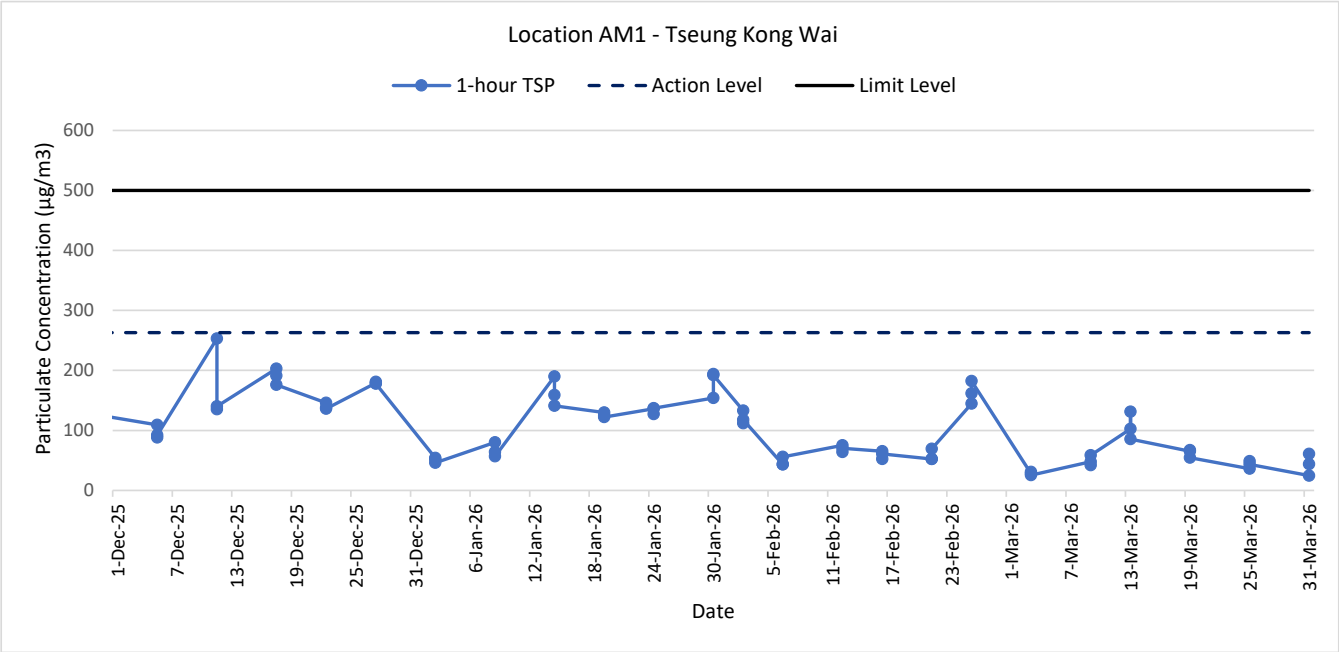
- End of report -

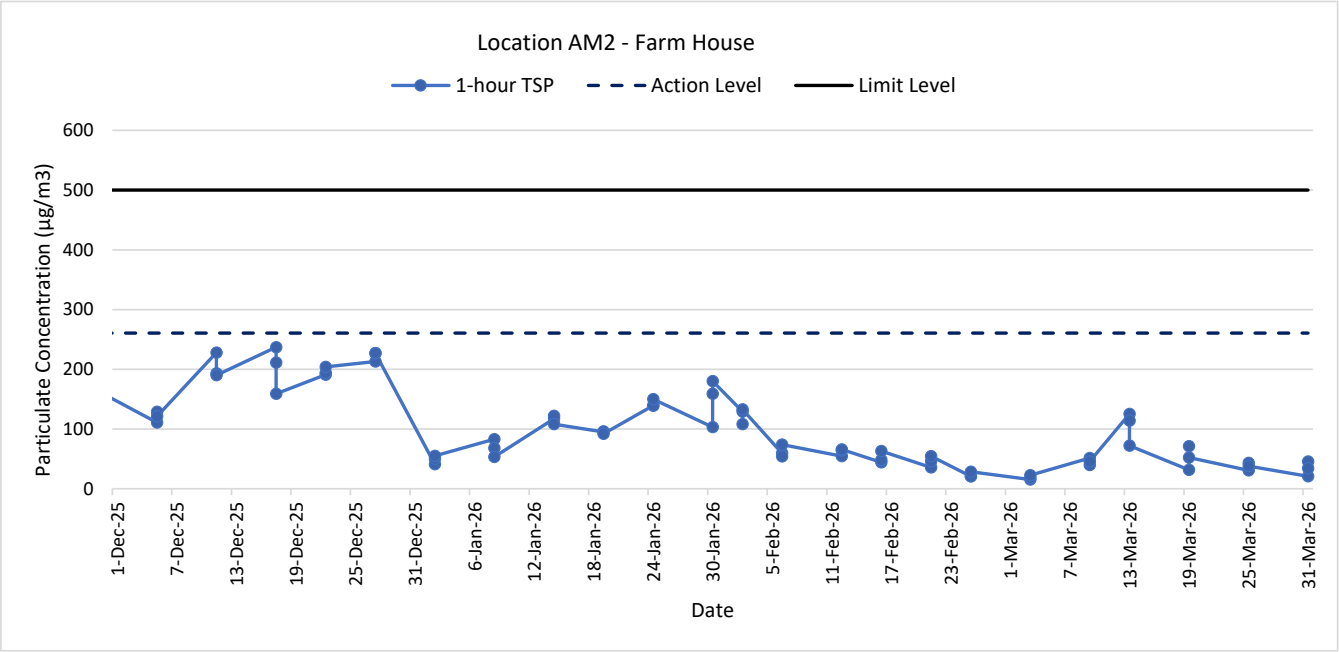
APPENDIX G
AIR MONITORING RESULTS AND GRAPHICAL PRESENTATIONS

Location AM1 - Tseung Kong Wai			
Date	Time	Weather	Particulate Concentration (μg/m^3)
3-Mar-26	15:09	Cloudy	28.0
3-Mar-26	16:09	Cloudy	30.8
3-Mar-26	17:09	Cloudy	25.2
9-Mar-26	10:25	Sunny	48.0
9-Mar-26	11:25	Sunny	42.0
9-Mar-26	12:25	Sunny	58.5
13-Mar-26	9:20	Sunny	102.6
13-Mar-26	10:20	Sunny	131.1
13-Mar-26	11:20	Sunny	85.5
19-Mar-26	8:29	Sunny	65.1
19-Mar-26	9:29	Sunny	67.2
19-Mar-26	10:29	Sunny	54.6
25-Mar-26	9:00	Sunny	36.0
25-Mar-26	10:00	Sunny	48.6
25-Mar-26	11:00	Sunny	43.2
31-Mar-26	9:01	Sunny	24.7
31-Mar-26	10:01	Sunny	60.8
31-Mar-26	11:01	Sunny	43.7
		Average	55.3
		Maximum	131.1
		Minimum	24.7

Location AM2 - Farm House			
Date	Time	Weather	***Particulate Concentration (μg/m^3)***
3-Mar-26	16:00	Cloudy	15.4
3-Mar-26	17:00	Cloudy	18.2
3-Mar-26	18:00	Cloudy	22.4
9-Mar-26	11:30	Fine	51.3
9-Mar-26	12:30	Fine	39.9
9-Mar-26	13:30	Fine	45.6
13-Mar-26	14:40	Sunny	125.4
13-Mar-26	15:40	Sunny	114.0
13-Mar-26	16:40	Sunny	72.2
19-Mar-26	10:37	Sunny	31.5
19-Mar-26	11:37	Sunny	71.4
19-Mar-26	12:37	Sunny	52.5
25-Mar-26	10:20	Sunny	30.6
25-Mar-26	11:20	Sunny	43.2
25-Mar-26	12:20	Sunny	37.8
31-Mar-26	10:11	Fine	20.9
31-Mar-26	11:11	Fine	45.6
31-Mar-26	12:11	Fine	34.2
		Average	48.5
		Maximum	125.4
		Minimum	15.4

1-hr TSP Concentration Levels





Remark: The air quality impact monitoring at AM3 has been suspended since 7 Nov 2024 due to the construction works of other project at AM3.

Title		Date	Project No.	
Contract No. HATS 01/2025 ET for Hung Shui Kiu Effluent Polishing Plant Phase 1		Mar 2026	MA25111	CINOTECH
Graphical Presentation of 1-hour TSP Monitoring Results			Appendix G	

APPENDIX H
SUMMARY OF EXCEEDANCE

Appendix H – Summary of Exceedance

Contract No. HATS 01/2025
Environment Team for Hung Shui Kiu Effluent Polishing Plant – Phase 1

Reporting Period: March 2026

(A) Exceedance Report for Water Quality
One (1) Action Level and five (5) Limit Level exceedances were recorded for water quality monitoring in the reporting period.

(B) Exceedance Report for Air Quality
No Action Level and Limit Level exceedances were recorded for 1-hour TSP air quality monitoring in the reporting period.

The investigation results for the exceedance are attached as below:

- <u>Notification of Exceedance</u>

Date of Water Quality Monitoring: **<u>02 March 2026</u>**

Part A – Exceedance Summary Tables

Table II: Parameter(s) – Turbidity (TURB)

Control Station	Water Depth	Measured Value at Control Station (NTU)	Impact Station	Time (hrs)	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
C1	Middle <0.5m	4.0	M1	12:03	17.2	17.7	4.8	5.2	***17.3***

Bold means Action Level exceedance of Control (**Regular**) or Baseline (**Italic**)

<u>Bold with underline</u> means Limit Level exceedance of Control (**Regular**) & Baseline (**Italic)**

- <u>Notification of Exceedance</u>

Date of Water Quality Monitoring: <u>04 March 2026</u>

Part A – Exceedance Summary Tables

Table II: Parameter(s) – Turbidity (TURB)

Control Station	Water Depth	Measured Value at Control Station (NTU)	Impact Station	Time (hrs)	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
C1	Middle <0.5m	17.2	M1	14:16	17.2	17.7	20.6	22.4	***<u>73.0</u>***

Bold means Action Level exceedance of Control (**Regular**) or Baseline (**Italic**)

<u>Bold with underline</u> means Limit Level exceedance of Control (**Regular**) & Baseline (**Italic)**

- Notification of Exceedance

Date of Water Quality Monitoring: **11 March 2026**

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Suspended Solids (SS)

Control Station	Water Depth	Measured Value at Control Station (mg/L)	Impact Station	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
C1	Middle (0m)	2.6	M1	15:23	25.0	26.0	3.1	3.4	***53.0***

Bold means Action Level exceedance of Control (**Regular**) or Baseline (**Italic**)

Bold with underline means Limit Level exceedance of Control (**Regular**) & Baseline (**Italic)**

- Notification of Exceedance

Date of Water Quality Monitoring: 11 March 2026
Part A – Exceedance Summary Tables
Parameter(s) – Turbidity (TURB)

Water Depth	Measured Value at Control Station (NTU)	Impact Station	Time (hrs)	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
Middle <0.5m	5.3	M1	15:23	17.2	17.7	6.4	6.9	***22.8***

- <u>Notification of Exceedance</u>

Date of Water Quality Monitoring: <u>30 March 2026</u>

Part A – Exceedance Summary Tables

Table I: Parameter(s) – Suspended Solids (SS)

Control Station	Water Depth	Measured Value at Control Station (mg/L)	Impact Station	Time (hrs)	Baseline Action Level (mg/L)	Baseline Limit Level (mg/L)	120% of Control Station Action Level (mg/L)	130% of Control Station Limit Level (mg/L)	Measured Value (mg/L)
C1	Middle <0.5m	2.3	M1	14:53	25.0	26.0	2.8	3.0	***<u>210.4</u>***

Bold means Action Level exceedance of Control (**Regular**) or Baseline (**Italic**)

<u>Bold with underline</u> means Limit Level exceedance of Control (**Regular**) & Baseline (**Italic)**

- Notificat - Notification of Exceedance

Date of Water Quality Monitoring: **30 March 2026**

Part A – Exceedance Summary Tables

Table II: Parameter(s) – Turbidity (TURB)

Control Station	Water Depth	Measured Value at Control Station (NTU)	Impact Station	Time (hrs)	Baseline Action Level (NTU)	Baseline Limit Level (NTU)	120% of Control Station Action Level (NTU)	130% of Control Station Limit Level (NTU)	Measured Value (NTU)
C1	Middle <0.5m	6.2	M1	14:53	17.2	17.7	7.4	8.1	***302.1***

Bold means Action Level exceedance of Control (**Regular**) or Baseline (**Italic**)

Bold with underline means Limit Level exceedance of Control (**Regular**) & Baseline (**Italic)**

Contract No. HATS 01/2025

ET for Hung Shui Kiu Effluent Polishing Plant – Main Works

- Investigation Report of Water Quality Action/Limit Level Exceedances in March 2026

Part A Details of Investigation

One (1) Action Level and five (5) Limit Level exceedances were recorded for water quality monitoring in the reporting period of March 2026. Two (2) Limit Level exceedances of Suspended Solids (SS) were recorded. One (1) Action Level and three (3) Limit Level exceedances of Turbidity (TUR) were recorded. In light of the situation, the Environmental Team (ET) has carried out investigations to see if the construction activities of this Project caused these.

Exceedances on 2, 4, 11 and 30 March 2026

Turbidity (TUR) level at M1 (Impact Station) exceeded the Action Level on 2 March 2026 and the Limit Level on 4, 11 and 30 March 2026. And, Suspended Solid (SS) level at M1 (Impact Station) exceeded the Limit Level on 11 and 30 March 2026.

According to the field staff observation, muddy water at the monitoring location was observed on 2, 4, 11 and 30 March 2026 during monitoring (See Photos 1ab, 2ab, 3ab, 4ab). The staff, however, cannot search for the pollution source due to the limited access to the construction site on those days.

According to the work schedule from the Contractor, the major construction activities of Contract No. DC/2024/11 & DE/2024/09 were GI works. The ET auditor observed no leakage of untreated water from the site during the inspection, but the suspected muddy water discharges from the pipe placed in the stream from the CEDD construction site were observed on 13 March 2026 (See Photo 5ab).

The high TUR and SS levels are likely due to the muddy water discharges from the surrounding CEDD construction site. Therefore, we consider the one (1) Action Level and five (5) Limit Level exceedances of Turbidity (TUR) and Suspended Solid (SS) on 2, 4, 11 and 30 March 2026 to be **non-project related**.

Contract No. HATS 01/2025

ET for Hung Shui Kiu Effluent Polishing Plant – Main Works

- Investigation Report of Water Quality Action/Limit Level Exceedances in March 2026

Part B Photo Record

	
Photo 1a (Taken at C1 Station on 2 Mar 2026)	Photo 1b (Taken at M1 Station on 2 Mar 2026)

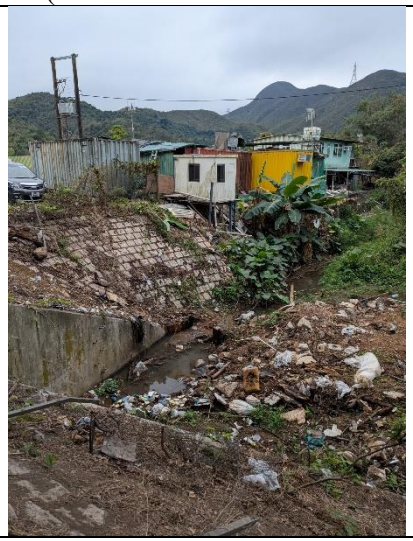



Photo 2a (Taken at C1 Station on 4 Mar 2026)	Photo 2b (Taken at M1 Station on 4 Mar 2026)

	
Photo 3a (Taken at C1 Station on 11 Mar 2026)	Photo 3b (Taken at M1 Station on 11 Mar 2026)
	
Photo 4a (Taken at C1 Station on 30 Mar 2026)	Photo 4b (Taken at M1 Station on 30 Mar 2026)

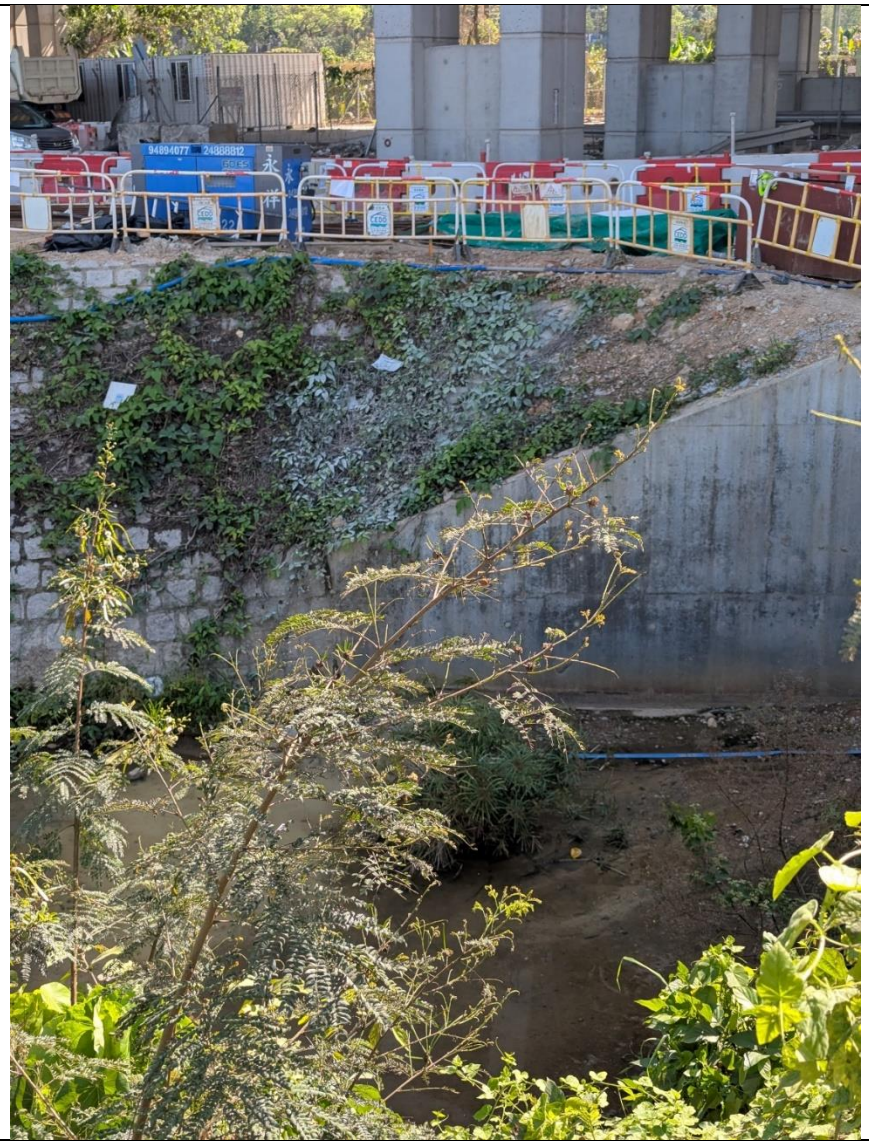


Photo 5a (Taken at Eastern portorn of HSKEPP on 13 Mar 2026)	Photo 5b (Taken at Eastern portorn of HSKEPP on 13 Mar 2026)

APPENDIX I
ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE (EMIS)

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
Construction Dust Impact								
3.8.1, 3.9.1	2.4, 2.5	Watering once every 2 hours on construction works areas to reduce dust emission.	To minimize dust impacts	Contractor	Construction sites with active works, exposed surface and unpaved road	Construction Phase	Air Pollution Control Ordinance (APCO); Air Pollution Control (Construction Dust) Regulation; HKAQO; Technical Memorandum on Environmental Impact Assessment Process (EIAO-TM)	^
3.9.1	2.4, 2.5	Dust suppression measures stipulated in the Air Pollution Control (Construction Dust) Regulation and good site practices listed below shall be carried out to further minimize construction dust impact: • Use of regular watering to reduce dust emissions from exposed site surfaces and unpaved	To minimize dust impacts	Contractor	Contractor	Construction sites	Air Pollution Control Ordinance (APCO); Air Pollution Control (Construction Dust) Regulation; HKAQO; Technical Memorandum on Environmental Impact Assessment Process (EIAO-TM)	*
		• Use of frequent watering for particularly dusty construction areas and areas close to ASRs.						^
		• 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.						^
		• Open stockpiles shall be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs.						^
		• Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations.						^
		• Establishment and use of vehicle wheel and body washing facilities at the exit points of the						^
		• 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.						^
		• 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.						^
		• Imposition of speed controls for vehicles on site haul roads						^
		• Where possible, routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs.						^
		• Instigation of an environmental monitoring and auditing program to monitor the construction process in order to enforce controls and modify method of work if dusty conditions arise.						^
3.9.1	2.4, 2.5	Timely application of temporary electricity and water supply would be made and electric vehicles would be adopted in the Project	To minimize the exhaust emission from NRMMs	Contractor	Construction sites	Construction Phase	DEVB TC(W) No. 13/2020 – *Timely Application of Temporary Electricity and Water Supply for Public Works Contracts and Wider Use of Electric Vehicles in Public Works Contracts*	^
3.5.2	2.4, 2.5	Biogas generated will be stored in the biogas holders. The stored biogas will go through the sulphur absorption vessels to remove the hydrogen sulphide (H2S) before passing to the combined heat and power (CHP) generator.	To minimize the impact from CHP	Operator	HSKEPP	Design and Operation Phase	EIAO-TM	N/A

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
3.5.3, 3.6.3	2.4, 2.5	All the odour sources in HSKPP should be covered and all odourous gas should be treated at the deodourizers (DOs) with 95% odour removal efficiency before venting to the atmosphere.	To minimize the odour impact	Operator	HSKEPP	Design and Operation Phase	EIAO-TM	N/A
Noise Impact								
Nil								
Water Quality Impact								
5.7.1	4.6.7	The site practices outlined in ProPECC PN 1/94 "*Construction Site Drainage*" should be followed as far as practicable to minimise surface run-off and the chance of erosion. Surface run-off from construction sites should be discharged into storm drains via adequately designed sand / silt removal facilities such as sand traps, silt traps and sedimentation basins. Channels, earth bunds or sand bag barriers should be provided on site to properly direct stormwater to such silt removal facilities. Perimeter channels at site boundaries should be provided as necessary to intercept storm 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 minimize impact from construction site run-off and general construction activities	Contractor	Construction Sites / Construction Phase	Construction Phase	Water Pollution Control Ordinance (WPCO); EIAO-TM, Professional Persons Environmental Consultative Committee (ProPECC) Practice Note (PN) 1/94	^
5.7.1	4.6.7	Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly (as well as at the onset of and after each rainstorm) to prevent overflows and localised flooding. Before disposal at the public fill reception facilities, the deposited silt and grit should be solicited in such a way that it can be contained and delivered by dump truck instead of tanker truck. Any practical options for the diversion and realignment of drainage should comply with both engineering and environmental requirements in order to provide adequate hydraulic capacity of all drains	To minimize impact from construction site run-off and general construction activities	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM, ProPECC PN 1/94	^
5.7.1	4.6.7	Construction works should be programmed to minimise soil excavation in the wet season (i.e. April to September). If soil excavation cannot be avoided in these months or at any time of year when rainstorms are likely, temporarily 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 storm 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 rainstorm	To minimize impact from construction site run-off and general construction activities	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM, ProPECC PN 1/94	^
5.7.1	4.6.7	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 minimize impact from construction site run-off and general construction activities	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM; ProPECC PN 1/94	^
5.7.1	4.6.7	Measures should be taken to minimise the ingress of rainwater into trenches. If excavation of trenches in the wet season is necessary, they should be dug and backfilled in short sections. Rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities	To minimize impact from construction site run-off and general construction activities	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM; ProPECC PN 1/94	^
5.7.1	4.6.7	Construction materials (e.g. aggregates, sand and fill material) on sites should be covered with tarpaulin or similar fabric during rainstorms.	To minimize impact from construction site run-off and general construction activities	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM; ProPECC PN 1/94	^

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
5.7.1	4.6.7	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 storm 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	To minimize impact from construction site run-off and general construction activities	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM; ProPECC PN 1/94	^
5.7.1	4.6.7	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 storm drains via silt removal facilities	To minimize impact from construction site run-off and general construction activities	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM; ProPECC PN 1/94	^
5.7.1	4.6.7	All vehicles and plants should be cleaned before they leave a construction site to minimise the deposition of earth, mud and debris on roads. A wheel washing bay should be provided at every site exit if practicable and washwater should have sand and silt settled out or removed before discharging into storm drains. The section of construction road between the wheel washing bay and the public road should be paved with backfill to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	To minimize impact from construction site run-off and general construction activities	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM; ProPECC PN 1/94	^
5.7.1	4.6.7	Good site practices should be adopted to remove rubbish and litter from construction sites so as to prevent the rubbish and litter from spreading from the site area. It is recommended to clean the construction sites on a regular basis.	To minimize impact from construction site	Contractor	Construction Sites / Construction	Construction Phase	WPCO; EIAO-TM, Waste Disposal Ordinance (WDO)	^
5.7.1	4.6.7	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 runoff and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the TM-DSS. The 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.	To minimize impact from construction site	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM; Technical Memorandum for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters (TM-DSS)	^
5.7.1	4.6.7	The practices outlined in ETWB TC (Works) No. 5/2005 "*Protection of natural streams / rivers from adverse impacts arising from construction works*" should also be adopted where applicable to minimise the water quality impacts on natural streams or surface water systems.	To minimize impact from construction site	Contractor	Construction Sites / Construction	Construction Phase	WPCO; EIAO-TM, ETWB TC (Works) No. 5/2005	^
5.7.1	4.6.7	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 minimize impact from accidental spillage	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM, WDO	^
5.7.1	4.6.7	Any service shop 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 leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.	To minimize impact from accidental spillage	Contractor	Construction Sites / Construction Phase	Construction Phase	WPCO; EIAO-TM	^
5.7.1	4.6.7	Disposal of chemical wastes should be carried out in compliance with the WDO. The "*Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes*" published under the Waste Disposal Ordinance should be followed to avoid leakage or spillage of chemicals.	To minimize impact from accidental spillage	Contractor	Construction Sites / Construction	Construction Phase	WPCO; EIAO-TM, WDO	^
5.7.1	4.6.7	Sufficient chemical toilets should be provided in the works area, with a licensed waste collector employed to clean the chemical toilets on a regular basis.	To minimise impact from workforces sewage effluent	Contractor	Construction Sites / Construction	Construction Phase	WPCO; EIAO-TM	^

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
5.7.1	4.6.7	Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the surrounding environment.	To minimise impact from workforces sewage effluent	Contractor	Construction Sites / Construction	Construction Phase	WPCO; EIAO-TM	^
5.7.2	-	Relevant government departments including EPD, WSD and AFCD as well as key stakeholders for mariculture and fisheries in the Deep Bay WCZ should be informed of the NWNT Tunnel maintenance event prior to any HSKEPP and San Wai STW maintenance discharge.	To minimize impact due to the maintenance discharge	Project Proponent	Project site / Design and Operation Phase	Design and Operation Phases	WPCO	N/A
5.7.2	-	NWNT Tunnel maintenance period should be shortened as far as possible and should be conducted during dry season (i.e. November to March).	To minimize impact due to the maintenance discharge	Project Proponent	Project site / Design and Operation Phase	Design and Operation Phases	WPCO	N/A
5.7.2	-	Given the sensitivity of inner Deep Bay in term of water quality and ecology, extensive effort will be expedited to avoid the occurrence for emergency discharge. In order to achieve this, the design of HSKEPP will be cautiously reviewed to include additional provisions including as follows: • Applied peaking factors for all major treatment units and electrical and mechanical equipment to avoid equipment failure;	To minimize impact due to emergency discharge	Project Proponent	Project site / Design and Operation Phase	Design and Operation Phases	WPCO	N/A
		• Standby unit for all major equipment would be provided in case of unexpected breakdown of pumping and treatment facilities such that the standby pumps and treatment facilities could take over and function to replace the broken pumps; and						N/A
		• Back-up power for dual power supply would be provided in case of power failure to sustain the function of pumping and treatment facilities.						N/A
5.7.2	-	To provide a mechanism to minimise the impact of emergency discharges and facilitate subsequent management of any emergency, an Emergency Response Plan will be formulated prior to commissioning of HSKEPP to set out the emergency response procedures and actions to be followed in case of equipment or sewage treatment failure. The plant operators of HSKEPP should carry out necessary follow-up actions according to the procedures of the contingency plan to minimise any impacts on the identified WSRs due to emergency bypass. Regular maintenances and inspections to all treatment units, penstocks and plant facilities are necessary to maintain a good operation condition. A follow-up water quality monitoring exercise shall be conducted after each emergency discharge event to monitor the recovery of water quality in the vicinity.	To minimize impact due to emergency discharge	Project Proponent	Project site / Design and Operation Phase	Design and Operation Phases	WPCO	N/A
5.7.2	-	Best Management Practices (BMPs) to reduce storm water and non-point source pollution are also proposed as follows: Design Measures • Exposed surface shall be avoided within the the proposed development to minimise soil erosion. The site shall be either hard paved or covered by landscaping area and plantation where appropriate.	To minimize impact due to stormwater discharge	Project Proponent	Project site / Design and Operation Phase	Design and Operation Phases	WPCO; ProPECC PN 5/93	N/A
		• Green areas / tree / shrub planting etc. should be introduced within the site as far as possible including open space and along roadside amenity strips, which can help to reduce soil erosion.						N/A
		• The drainage system will be designed to avoid any case of flooding based on the 1 in 50 year return period						N/A
		• The existing watercourses in adjacent to the Project site will be retained to maintain the original flow path						N/A

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
		Devices/ Facilities to Control Pollution • Screening facilities such as standard gully grating and trash grille, with spacing which is capable of screening off large substances such as fallen leaves and rubbish should be provided at the inlet of drainage system.						N/A
		• Road gullies with standard design and silt traps and oil interceptors should be incorporated during the detailed design to remove particles present in storm water runoff.						N/A
		Administrative Measures • Good management measures such as regular cleaning and sweeping of road surface / open areas is suggested. The road surface / open area cleaning should also be carried out prior to occurrence of rainstorm.						N/A
		• Manholes, as well as storm water gullies, ditches provided at the Project site should be regularly inspected and cleaned (e.g. monthly). Additional inspection and cleansing should be carried out before forecast heavy rainfall.						N/A
5.7.2	-	Chemical should be stored on site at bunded area and separate drainage system as appropriate should be provided to avoid any spilled chemicals from entering the storm drain in case of accidental spillage. Also, adequate tools for cleanup of spilled chemicals should be stored on site and appropriate training shall be provided to staffs to further prevent potential adverse water quality impacts from happening.	To minimize impact due to chemical spillage	Project Proponent	Project site / Design and Operation Phase	Design and Operation Phases	WPCO	N/A
Waste Management Implication								
6.6.1	5.2.1	Good Site Practices Recommendations for good site practices during the construction phase include: • Nomination of an approved personnel, such as a site manager, to be responsible for good site practices, and making arrangements for collection of all wastes generated at the site and effective disposal to an appropriate facility;	To avoid and minimize impacts arising from waste management	Contractor	Construction Sites	Construction Phase	Waste Disposal Ordinance (WDO)	^
		• Training of site personnel in proper waste management and chemical waste handling procedures;						^
		• Provision of sufficient waste reception/ disposal points, of a suitable vermin-proof design that minimises windblown litter;						^
		• Arrangement for regular collection of waste for transport off-site and final disposal;						^
		• Appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers;						^
		• Regular cleaning and maintenance programme for drainage systems, sumps and oil						^
		• A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be proposed; and						^
		• Preparation of a WMP in accordance with ETWB TCW No. 19/2005 and submit to the Engineer for approval.						^
6.6.1	5.2.1	Waste Reduction Measures Recommendations to achieve waste reduction include: • Segregate and store different types of construction related waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal;	To minimize waste generation	Contractor	Construction Sites	Construction Phase	WDO	^
		• Provide separate labelled bins to segregate recyclable waste such as aluminium cans from other general refuse generated by the work force, and to encourage collection by individual collectors;						^
		• Any unused chemicals or those with remaining functional capacity shall be recycled;						^
		• Maximising the use of reusable steel formwork to reduce the amount of C&D materials;						^

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
		• Prior to disposal of C&D waste, it is recommended that wood, steel and other metals shall be separated for re-use and/or recycling to minimise the quantity of waste to be disposed of at landfill;						^
		• Adopt proper storage and site practices to minimise the potential for damage to, or contamination of, construction materials;						^
		• Plan the delivery and stock of construction materials carefully to minimize the amount of surplus waste generated;						^
		• Adopt pre-cast construction method instead of cast-in-situ method for construction of concrete structures as much as possible;						^
		• Minimise over ordering of concrete, mortars and cement grout by doing careful check before ordering; and						^
		• Provide training to workers on the importance of appropriate waste management procedures, including waste reduction, reuse and recycling.						^
6.6.1	5.2.1	Storage of Waste Recommendations to minimise the impacts include: • Waste, such as soil, should be handled and stored well to ensure secure containment, thus minimizing the potential of pollution;	To avoid and minimize impacts arising from waste management	Contractor	Construction Sites	Construction Phase	-	^
		• Maintain and clean storage areas routinely;						^
		• Stockpiling area should be provided with covers and water spraying system to prevent materials from wind-blown or being washed away; and						^
		• Different locations should be designated to stockpile each material to enhance reuse.						^
6.6.1	5.2.1	Collection of Waste Licensed waste haulers should be employed for the collection and transportation of waste generated. The following measures should be enforced to minimise the potential adverse impacts: • Remove waste in a timely manner;	To avoid and minimize impacts arising from waste management	Contractor	Construction Sites	Construction Phase	WDO; Waste Disposal (Charges for Disposal of Construction Waste) Regulation; Land (Miscellaneous Provisions) Ordinance	^
		• Waste collectors should only collect wastes prescribed by their permits;						^
		• Impacts during transportation, such as dust and odour, should be mitigated by the use of covered trucks or in enclosed containers;						^
		• Obtain relevant waste disposal permits from the appropriate authorities;						^
		• Dispose of waste at licensed waste disposal facilities; and						^
		• Maintain records of quantities of waste generated, recycled and disposed.						^
6.6.1	5.2.1	Transportation of Waste In order to monitor the disposal of C&D materials at PFRFs and landfills and to control fly-tipping, a trip-ticket system should be established in accordance with DEVB TCW No. 6/2010. A recording system for the amount of waste generated, recycled and disposed, including the disposal sites, should also be set up. Warning signs should be put up to remind the designated disposal sites. CCTV should be installed at the vehicular entrance and exit of the site as additional measures to prevent fly-tipping.	To avoid and minimize impacts arising from waste management	Contractor	Transportation Route of Waste / Construction Phase	Construction Phase	DEVB TC(W) No. 6/2010	^
6.6.1	5.2.1	Construction and Demolition Material Careful design, planning together with good site management can reduce over-ordering and generation of C&D materials such as concrete, mortar and cement grouts. Formwork should be designed to maximize the use of standard wooden panels, so that high reuse levels can be achieved. Alternatives such as steel formwork or plastic facing should be considered to increase the potential for reuse.	To avoid and minimize impacts arising from waste management	Contractor	Construction Sites	Design and Construction Phase	-	^

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
6.6.1	5.2.1	The excavated material arising from site formation and foundation works should be reused on-site as backfilling material and for landscaping works as far as practicable. Other mitigation requirements are listed below: • A WMP, which becomes part of the EMP, should be prepared in accordance with ETWB TCW No.19/2005; • A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be adopted for easy tracking; and • In order to monitor the disposal of C&D materials at public filling facilities and landfills and to control fly-tipping, a trip-ticket system should be adopted (refer to DEVB TCW 06/2010).	To avoid and minimize impacts arising from waste management	Contractor	Construction Sites	Construction Phase	WDO; ETWB TCW No.19/2005; ETWB TCW No. 6/2010	^ ^ ^
6.6.1	5.2.1	It is recommended that specific areas should be provided by the Contractors for sorting and to provide temporary storage areas (if required) for the sorted materials. Control measures for temporary stockpiles on-site should be taken in order to minimize the noise, generation of dust and pollution of water. These measures include: • Surface of stockpiled soil should be regularly wetted with water especially during dry season; • Disturbance of stockpile soil should be minimised; • Stockpiled soil should be properly covered with tarpaulin especially when heavy storms are predicted; and • Stockpiling areas should be enclosed where space is available.	To avoid and minimize impacts arising from waste management	Contractor	Construction Sites	Construction Phase	ETWB TCW No.19/2005	^ ^ ^ ^
6.6.1	5.2.1	The Contactor should prepare and implement an EMP in accordance with ETWB TCW No. 19/2005, which describes the arrangements for avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal of different categories of waste to be generated from construction activities. Such a management plan should incorporate site-specific factors, such as the designation of areas for segregation and temporary storage of reusable and recyclable materials. The EMP should be submitted to the Engineer for approval. The Contractor should implement waste management practices in the EMP throughout the construction stage of the Project. The EMP should be reviewed regularly and updated by the Contractor, preferably on a monthly basis.	To avoid and minimize impacts arising from waste management	Contractor	Construction Sites	Construction Phase	ETWB TCW No.19/2005	^
6.6.1	5.2.1	The Contractor would be responsible for devising a system to work for on-site sorting of C&D materials and promptly removing all sorted and process materials arising from the construction activities to minimise temporary stockpiling on-site. The system should be included in the EMP identifying the source of generation, estimated quantity, arrangement for on-site sorting, collection, temporary storage areas and frequency of collection by recycling Contractors or frequency of removal off-site.	To avoid and minimize impacts arising from waste management	Contractor	Construction Sites	Construction Phase	-	^
6.6.1	5.2.1, 5.2.2	Suitable containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor shall employ a licensed collector to transport and dispose of the chemical wastes, to the licensed CWTC, or other licensed facilities, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation	To avoid and minimize impacts arising from waste management	Contractor / Operator	Construction Sites	Construction and Operation Phases	ETWB TC(W) 19/2005; TC(W) 6/2010; WDO; Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes	^

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
6.6.1	5.2.1, 5.2.2	It is recommended to place clearly labelled recycling bins at designated locations with convenient access. Other general refuse should be separated from chemical and industrial waste by providing separated bins or skips for storage to maximise the recyclable volume. A reputable licensed waste collector should be employed to remove general refuse on a daily basis to minimise odour, pest and litter impacts.	To avoid and minimize impacts arising from waste management	Contractor / Operator	Construction Sites	Construction and Operation Phases	Public Health and Municipal Services Ordinance (Cap.132)	^
6.6.2	5.2.2	The below good housekeeping practices for the proposed HSKEPP should be followed to further ameliorate any odour impact from handling, collection, transportation and disposal of screenings, grits and sludge: • Screens should be cleaned regularly to remove any accumulated organic debris;	To avoid and minimize impacts arising from waste management	Operator	Proposed HSKEPP site	Operation Phase	WDO	N/A
		• Screening and grit transfer systems should be flushed regularly with water to remove organic debris and grit;						N/A
		• Grit and screened materials should be transferred to closed containers;						N/A
		• Scum and grease collection wells and troughs should be emptied and flushed regularly to prevent putrefaction of accumulated organics;						N/A
		• Skim and remove floating solids and grease from primary clarifiers regularly;						N/A
		• Frequent sludge withdrawal from tanks is necessary to prevent the production of gases;						N/A
		• Organic waste should be transported to HSKEPP by fully enclosed trucks or dedicated pipes to avoid odour nuisance;						N/A
		• Organic waste should be stored in closed containers at the reception area;						N/A
		• During the unavailability of digesters (e.g. maintenance or co-digestion period), the diluted organic waste should remain inside the Diluted Food Waste Preparation Tank under continuously mixed condition;						N/A
		• Sludge should be transported to the STF by water-tight containers to avoid H2S/odour emission and ingress of water into the containers which would lower the sludge dryness during transportation;						N/A
		• Sludge cake should be transferred to closed containers;						N/A
		• Sludge containers should be flushed with water regularly; and						N/A
		• Sludge trucks and containers should be washed thoroughly before leaving the HSKEPP to avoid any odour nuisance during transportation.						N/A
6.6.2	5.2.2	The screenings and grits would be collected and disposed of at landfill regularly by a reputable waste collector while the dewatered sludge would be disposed of at STF in Tuen Mun to reduce the potential pest, odour and litter impacts. In addition, all wastewater generated from the sludge dewatering process and all contaminated water from the cleaning operations recommended for odour control will be diverted to the proposed HSKEPP for proper treatment.	To avoid and minimize impacts arising from waste management	Operator	Proposed HSKEPP site	Operation Phase	WDO	N/A
Land Contamination								

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
7.8.1	6.1	Site re-appraisal should be conducted for the identified concerned areas prior to development of the sites in order to update findings of the site appraisal (e.g. change in land use and additional hotspots) and the sampling and testing requirements for SI works. In addition, re-appraisal would be required for the other remaining areas of the proposed HSKEPP site to assess the latest land uses and site conditions. Supplementary CAP(s), incorporating findings of the site re-appraisal for the entire proposed HSKEPP site and the updated sampling and testing strategy, should be prepared and submitted to EPD for approval prior to conducting any SI works. SI works should then be carried out according to the EPD approved supplementary CAP(s). After completion of the SI works, CAR(s) would be prepared to present findings of the SI works. If contamination has been identified, RAP(s) would be prepared to recommend specific remediation measures. Upon completion of the remediation works, if any, RR(s) would also be prepared to demonstrate that the clean- up works are adequate. The CAR, RAP and RR would be submitted to EPD for approval prior to commencement of any construction / development works.	To control land remediation work	Project Proponent / Consultant / Contractor under HSK/HT NDA project	Proposed HSKEPP site / Prior to construction / development works	Design and Construction Phases	Guidance Note for Contaminated Land Assessment and Remediation; Practice Guide for Investigation and Remediation of Contaminated Land; Guidance Manual for Use of Risk- based Remediation Goals for Contaminated Land Management	N/A
7.8.3	6.2	The mitigation measures will be recommended in the RAP and would typically include the following: • Excavation profiles must be properly designed and executed with attention to the relevant	To control land remediation work	Contractor under the HSK/HT NDA project	Proposed HSKEPP site / During remediation works and prior to construction / development works	Construction Phase	Guidance Note for Contaminated Land Assessment and Remediation; Practice Guide for Investigation and Remediation of Contaminated Land; Guidance Manual for Use of Risk- based Remediation Goals for Contaminated Land Management	^
		• Excavation shall be carried out during dry season as far as possible to minimise contaminated runoff from contaminated soils;						^
		• Supply of suitable clean backfill material (or treated soil) after excavation;						^
		• Stockpiling site(s) shall be lined with impermeable sheeting and bunded. Stockpiles shall be fully covered by impermeable sheeting to reduce dust emission. If this is not practicable due to frequent usage, regular watering shall be applied. However, watering shall be avoided on stockpiles of contaminated soil to minimise contaminated runoff.						^
		• Vehicles containing any excavated materials shall be suitably covered to limit potential dust emissions or contaminated wastewater run-off, and truck bodies and tailgates shall be sealed to prevent any discharge during transport or during wet conditions;						^
		• Speed control for the trucks carrying contaminated materials shall be enforced;						^
		• Vehicle wheel and body washing facilities at the site's exist points shall be established and used; and						^
		• Pollution control measures for air emissions (e.g. from biopile blower and handling of cement), noise emissions (e.g. from blower or earthmoving equipment), and water discharges (e.g. runoff control from treatment facility) shall be implemented and complied with relevant regulations and guidelines.						^
Ecological Impact (Terrestrial and Aquatic)								
Nil								
Landscape and Visual Impact								

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
Table 9.11	8.2	Preservation of Existing Vegetation All the existing vegetation and trees to be retained and not to be affected by the Project shall be carefully protected during construction accordance with DEVB TC(W) No. 4/2020 - Tree Preservation and the latest Guidelines on Tree Preservation during Development issued by GLTMS of DEVB. Any existing vegetation in landscaped areas and natural terrain not to be affected by the Project shall be carefully preserved.	To preserve existing vegetation.	Project Proponent/ Contractor	Construction Sites	Design and Construction Phases	DEVB TC(W) No. 4/2020 - Tree Preservation and the latest Guidelines on Tree Preservation during Development issued by GLTMS of DEVB, Guidelines for Tree Risk	^
Table 9.11	8.2	Minimize Disturbance on Watercourses The design shall minimize disturbance on watercourses, particularly for natural watercourse. Good site practices as described in ETWB TCW No. 5/2005 "Protection of natural streams/rivers from adverse impacts arising from construction works" shall also be adopted to avoid any pollution entering the watercourses nearby where applicable. Should temporarily or indirect disturbance on watercourse is unavoidable, it shall be reinstated to the satisfaction of relevant Government Departments	To minimize the disturbance to watercourses as far as practicable.	Project Proponent/ Contractor	Construction Sites	Design and Construction phase	ETWB TCW No. 5/2005 "Protection of natural streams/rivers from adverse impacts arising from construction works "	^
Table 9.11	8.2	Management of Construction Activities and Facilities The facilities and activities at works sites and areas, which include site office, temporary storage areas, temporary works etc., shall be carefully managed and controlled on the height, deposition and arrangement to minimise any potential adverse landscape and visual impacts.	To minimise any potential adverse landscape and visual impacts.	Contractor	Construction Sites	Construction phase	-	^
Table 9.11	8.2	Reinstatement of Temporarily Disturbed Landscape Areas All hard and soft landscape areas disturbed temporarily during construction due to temporary excavations, temporary works sites and works areas shall be reinstated to equal or better quality, to the satisfaction of the relevant Government Departments.	To reinstate to equal or better quality of temporarily disturbed landscape areas.	Contractor	Construction Sites	Construction phase	-	^
Table 9.11	8.2	Control of Night-time Lighting Glare Any lighting provision of the construction works at night shall be carefully control to prevent light overspill to the nearby VSRs and into the sky. Relevant best practices as suggested in the "Guidelines on Industry Best Practices for External Lighting Installations" promulgated by ENB shall be adopted.	To prevent light overspill to the nearby VSRs and into the sky.	Contractor	Construction Sites	Construction phase	"Guidelines on Industry Best Practices for External Lighting Installations" promulgated by ENB	^
Table 9.11	8.2	Erection of Decorative Screen Hoarding Decorative Hoarding, which is compatible with the surrounding natural settings, shall be erected during construction to minimise the potential landscape and visual impacts due to the construction works and activities.	To minimise the potential landscape and visual impacts due to the construction works and activities.	Contractor	Construction Sites	Construction phase	-	^

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
Table 9.12	8.2	Compensatory Tree Planting for Loss of Existing Trees Any trees to be removed under the Project shall be compensated in accordance with DEVB TC(W) No. 4/2020 - Tree Preservation. The compensatory plantings shall be realistic, practicable and sustainable with a holistic consideration to balance the quantity and quality of tree planting and follow the "right tree for the right place" principles. The proposed planting species shall be made reference to the Greening Master Plan issued by CEDD and the Street Tree Selection Guide issued by DEVB. Approximately 250 heavy standard trees are proposed within site under OM1, the exact number and location subject to the detailed design at design and construction stage of this Project.	To enhance ecological value and improve overall value of landscape setting.	Project Proponent/ Contractor	Construction Sites	Design / Construction and Operation Phases	DEVB TC(W) No. 4/2020 - Tree Preservation, GEO Publication No. 1/2011, the Greening Master Plan issued by CEDD, the Street Tree Selection Guide issued by DEVB and DEVB TC(W) No. 6/2015 - Maintenance of Vegetation and Hard Landscape Features	^
Table 9.12	8.2	Roadside and Amenity Planting Roadside amenity trees and understory planting to be planted along EVA and access road within HSKEPP, as green buffers for the new proposed structures. The proposed planting species shall be made reference to the Greening Master Plan issued by CEDD and the Street Tree Selection Guide issued by DEVB.	To maximize the greening effect by shade-tolerant tree or shrub species.	Project Proponent/ Contractor	Construction Sites	Design / Construction and Operation Phases	DEVB TC(W) No. 4/2020 - Tree Preservation, GEO Publication No. 1/2011, the Greening Master Plan issued by CEDD, the Street Tree Selection Guide issued by DEVB and DEVB TC(W) No. 6/2015 - Maintenance of Vegetation and Hard Landscape Features	^
Table 9.12	8.2	Sensitive and Aesthetically Pleasing Design of Aboveground Structures Sensitive and aesthetically pleasing design as regard to the form, material and finishes shall be incorporated to the proposed above-ground structures e.g. effluent polishing plant, etc. so as to minimise any potential adverse landscape and visual impacts, and to blend in the structures to the adjacent landscape and visual context.	To minimise any potential adverse landscape and visual impact.	Project Proponent/ Contractor	Construction Sites	Design / Construction and Operation Phases	-	^
Table 9.12	8.2	Provision of Buffer Planting Buffer Planting shall be provided at the perimeter of the plant to screen and soften the proposed Aboveground Structures. For planting to be proposed on slopes, the guidelines for planting stipulated in GEO Publication No. 1/2011 will be followed.	To maximize the greening effect by shade-tolerant tree or shrub species. And soften the hard structural elements.	Project Proponent/ Contractor	Construction Sites	Design / Construction and Operation Phases	GEO Publication No. 1/2011, the Greening Master Plan issued by CEDD, the Street Tree Selection Guide issued by DEVB and DEVB TC(W) No. 6/2015 - Maintenance of Vegetation and Hard Landscape Features	^

EIA Ref.	EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Who to implement the measure?	Location of the measure	When to implement the measure?	Requirements and/ or standards to be achieved	Implementation Status
Table 9.12	8.2	Provision of Green Roof Green Roof shall be proposed to enhance the landscape quality of the Aboveground Structures including Primary Sedimentation Tanks and mitigate any potential adverse visual impact on adjacent VSRs. The extent of roof greening shall be in accordance with DEVB TC(W) No. 3/2012 – Site Coverage of Greenery for Government Building Projects	To maximize the greening effect by roof top greening	Project Proponent/ Contractor	Construction Sites	Design / Construction and Operation Phases	DEVB TC(W) No. 3/2012 – Site Coverage of Greenery for Government Building Projects	^
Hazard to Life								
10.9.1	9.2	• Process plant building should be provided with adequate number of gas detectors distributed over various areas of potential leak sources to provide adequate coverage.	To limit the number of causalities and/ or fatalities.	Project Proponent, Operators	Propose HSKEPP Site	Design and Operation Phases	-	N/A
		• All electrical equipment inside the building should be classified in accordance with the electrical area classification requirements. No unclassified electrical equipment should be used during operations or maintenance.						N/A
		• All safety valves should be designed to discharge the released fluid to a safe location and stop misdirection of fluid flows in order to avoid hazardous outcome.						N/A
		• Safety markings and crash barriers should be provided to the aboveground piping, digesters and gas holders near the entrance.						N/A
		• Fixed crash barriers should be provided in areas where process equipment is adjacent to the internal roadway to protect against vehicle collision. Adequate warning signage and lighting should also be provided and maximum speed limit should also be in place.						N/A
		• Lightning protection installations should be installed following IEC 62305, BS EN 62305, AS/NZS 1768, NFPA 780 or equivalent standards.						N/A
		• Suitable fire extinguishers should be provided within the site. Suitable firefighting and fire service installations should be installed in appropriate areas, such as around the gasholders, digester and sulphur removal vessels. The facilities should also be equipped with fire and gas detection system and fire suppression system.						N/A
		• Stringent procedures should be implemented to prohibit smoking or naked flames to be used on-site.						N/A

Remarks: EM&A Programme under EP-608/2022/A	
^	Compliance of mitigation measure;
N/A N/A(1)	Not applicable at this stage; Not observed;
*	Recommendation was made during site audit but improved/retified by the contractor;
#	Recommendation was made during site audit but not yet improved/retified by the contractor;
X	Non-compliance of mitigation measure;
●	Non-compliance but rectified by the contractor.

APPENDIX J
EVENT AND ACTION PLAN

Appendix J – Event and Action Plan

Table J-1 Event and Action Plan for Water Quality Monitoring

Event	Action for Water Quality Monitoring			
	ET	IEC	ER	Contractor
Action level being exceeded by one sampling day	➢ Repeat in situ measurement on the next day of exceedance to confirm findings; ➢ Check monitoring data, plant, equipment and Contractor(s)'s working methods; ➢ Identify source(s) of impact and record in notification of exceedance; ➢ Inform IEC, Contractor(s) ➢ and ER	➢ Check monitoring data submitted by ET and Contractor(s)'s working methods; ➢ Inform EPD and AFCD.	➢ Confirm receipt of notification of exceedance in writing	➢ Confirm receipt of notification of exceedance in writing; ➢ Check plant and equipment and rectify unacceptable practice
Action level being exceeded by two or more consecutive sampling days	➢ Repeat in situ measurement on the next day of exceedance to confirm findings; ➢ Check monitoring data, plant, equipment and Contractor(s)'s working methods; ➢ Identify source(s) of impact and record in notification of exceedance; ➢ Inform IEC, Contractor(s) and ER; ➢ Discuss with IEC and Contractor(s) on additional mitigation measures and ensure that they are implemented.	➢ Check monitoring data submitted by ET and Contractor(s)'s working methods; ➢ Inform EPD and AFCD; ➢ Discuss with ET and Contractor(s) on additional mitigation measures and advise ER accordingly; ➢ Assess the effectiveness of the implemented mitigation measures.	➢ Confirm receipt of notification of exceedance in ➢ writing; ➢ Discuss with the IEC on the ➢ proposed additional mitigation measures and agree on the mitigation measures to be implemented. ➢ Ensure additional mitigation measures are properly implemented.	➢ Confirm receipt of notification of exceedance in writing; ➢ Check plant and equipment and rectify unacceptable practice; ➢ Consider changes of working methods; ➢ Discuss with ET and IEC on additional mitigation measures and propose them to ER within 3 working days; ➢ Implement the agreed mitigation measures.
Limit level being exceeded	➢ Repeat in situ measurement on the next day of exceedance to confirm findings; ➢ Check monitoring data, plant,	➢ Check monitoring data submitted by ET and Contractor(s)'s working methods;	➢ Confirm receipt of notification of exceedance in writing; ➢ Discuss with the IEC on the	➢ Confirm receipt of notification of exceedance in writing; ➢ Check plant and equipment and

Appendix J – Event and Action Plan

Event	Action for Water Quality Monitoring			
	ET	IEC	ER	Contractor
by one sampling day	equipment and Contractor(s)'s working methods; ➢ Identify source(s) of impact and record in notification of exceedance; ➢ Inform IEC, Contractor(s) and ER; ➢ Discuss with IEC and Contractor(s) on additional mitigation measures and ensure that they are implemented.	➢ Inform EPD and AFCD; ➢ Discuss with ET and Contractor(s) on additional mitigation measures and advise ER accordingly; ➢ Assess the effectiveness of the implemented mitigation measures.	➢ proposed additional mitigation measures and agree on the mitigation measures to be implemented. ➢ Ensure additional mitigation measures are properly implemented. ➢ Request Contractor(s) to critically review the working methods.	rectify unacceptable practice; ➢ Critically review the need to change working methods; ➢ Discuss with ET and IEC on additional mitigation measures and propose them to ER within 3 working days; ➢ Implement the agreed mitigation measures.
Limit level being exceeded by two or more consecutive sampling days	➢ Repeat in situ measurement on the next day of exceedance to confirm findings; ➢ Check monitoring data, plant, equipment and Contractor(s)'s working methods; ➢ Identify source(s) of impact and record in notification of exceedance; ➢ Inform IEC, Contractor(s) and ER; ➢ Discuss with IEC and Contractor(s) on additional mitigation measures and ensure that they are implemented.	➢ Check monitoring data submitted by ET and Contractor(s)'s working methods; ➢ Inform EPD and AFCD; ➢ Discuss with ET and Contractor(s) on additional mitigation measures and advise ER accordingly; ➢ Assess the effectiveness of the implemented mitigation measures.	➢ Confirm receipt of notification of exceedance in writing; o Discuss with the IEC on the proposed additional mitigation measures and agree on the mitigation measures to be implemented. ➢ Ensure additional mitigation measures are properly implemented. ➢ Request Contractor(s) to critically review the working methods.	➢ Confirm receipt of notification of exceedance in writing; ➢ Check plant and equipment and rectify unacceptable practice; ➢ Critically review the need to change working methods; ➢ Discuss with ET and IEC on additional mitigation measures and propose them to ER within 3 working days; ➢ Implement the agreed mitigation measures.

Appendix J – Event and Action Plan

Table J-2 Event and Action Plan for Air Quality (Construction Dust)

Event	Action for Air Quality (Construction Dust)			
	ET	**IEC**	**ER**	**Contractor**
Action level being exceeded by one sampling	➢ Identify source, investigate the causes of complaint and propose remedial measures; ➢ Inform Contractor, IEC and ER; ➢ Repeat measurement to confirm finding; and ➢ Increase monitoring frequency to daily.	➢ Check monitoring data submitted by ET; ➢ Check Contractor's working method; and ➢ Review and advise the ET and ER on the effectiveness of the ➢ proposed remedial measures.	➢ Notify Contractor.	➢ Identify source(s), investigate the causes of exceedance and propose remedial measures; ➢ Implement remedial measures; and ➢ Amend working methods agreed with the ER as appropriate.
Action level being exceeded by two or more consecutive	➢ Identify source; ➢ Inform Contractor, IEC and ER; ➢ Advise the Contractor and ER on the effectiveness of the proposed remedial measures; ➢ Repeat measurements to confirm findings; ➢ Increase monitoring frequency to daily; ➢ Discuss with IEC and Contractor on remedial actions required; ➢ If exceedance continues, arrange meeting with Contractor, IEC and ER; and ➢ If exceedance stops, cease additional monitoring.	➢ Check monitoring data submitted by ET; ➢ Check Contractor's working method; ➢ Discuss with ET, ER and Contractor on possible remedial measures; ➢ Advise the ET and ER on the effectiveness of the proposed remedial measures; and ➢ Supervise Implementation of remedial measures.	➢ Confirm receipt of notification of exceedance in writing; ➢ Notify Contractor; ➢ Ensure remedial measures properly implemented.	➢ Identify source and investigate the causes of exceedance; ➢ Submit proposals for remedial measures to the ER with a copy to ET and IEC within three working days of notification; ➢ Implement the agreed proposals; and ➢ Amend proposal as appropriate.
Limit level being	➢ Identify source, investigate the causes of exceedance and propose remedial	➢ Check monitoring data submitted by ET;	➢ Confirm receipt of notification of exceedance in writing;	➢ Identify source(s) and investigate the causes of exceedance;

Appendix J – Event and Action Plan

Event	Action for Air Quality (Construction Dust)			
	ET	**IEC**	**ER**	**Contractor**
exceeded by one sampling	measures; ➢ Inform Contractor, IEC, ER, and EPD; ➢ Repeat measurement to confirm finding; ➢ Increase monitoring frequency to daily; and ➢ Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.	➢ Check Contractor's working method; ➢ Discuss with ET and Contractor on possible remedial measures; ➢ Advise the ER on the effectiveness of the proposed remedial measures; and ➢ Supervise implementation of remedial measures.	➢ Notify Contractor; ➢ Ensure remedial measures properly implemented.	➢ Take immediate action to avoid further exceedance; ➢ Submit proposals for remedial measures to ER with a copy to ET and IEC within three working days of notification; ➢ Implement the agreed proposals; and ➢ Amend proposal if appropriate.
Limit level being exceeded by two or more consecutive sampling	➢ Notify IEC, ER, Contractor and EPD; ➢ Identify source; ➢ Repeat measurement to confirm findings; ➢ Increase monitoring frequency to daily; ➢ Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; ➢ Arrange meeting with IEC and ER to discuss the remedial actions to be taken; ➢ Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; and ➢ If exceedance stops, cease additional monitoring.	➢ Check monitoring data submitted by the ET; ➢ Discuss amongst ER, ET, and Contractor on the potential remedial actions; ➢ Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; and ➢ Supervise the implementation of remedial measures.	➢ Confirm receipt of notification of exceedance in writing; ➢ In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented; ➢ Supervise the implementation of remedial measures; and ➢ If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	➢ Identify source(s) and investigate the causes of exceedance; ➢ Take immediate action to avoid further exceedance; ➢ Submit proposals for remedial measures to the ER with a copy to the IEC and ET within three working days of notification; ➢ Implement the agreed proposals; ➢ Revise and resubmit proposals if problem still not under control; and ➢ Stop the relevant portion of works as determined by the ER until the exceedance is abated.

APPENDIX K
SUMMARIES OF ENVIRONMENTAL COMPLAINT, WARNING, SUMMON AND NOTIFICATION OF SUCCESSFUL PROSECUTION

Contract No. HATS 01/2025
Environment Team for Hung Shui Kiu Effluent Polishing Plant – Phase 1

Appendix K – Summary of Environmental Complaint, Warning, Summons and Notification of Successful Prosecution

Reporting Month: March 2026

Table K-1 Environmental Complaint Records

Log Ref.	Complaint No.	ICC Case No.	Location	Received Date	Details of Complaint	Investigation/Mitigation Action	Status
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Remarks: No environmental complaint was received in the reporting period.

Appendix K – Summary of Environmental Complaint, Warning, Summons and Notification of Successful Prosecution

Table K-2 Environmental Warning Records

Log Ref.	Location	Received Date	Details of Warning	Status
N/A	N/A	N/A	N/A	N/A

Remarks: No environmental warning was received in the reporting period.

Table K-3 Environmental Summons and Prosecution Records

Log Ref.	Location	Received Date	Details of Summon and Prosecution	Status
N/A	N/A	N/A	N/A	N/A

Remarks: No environmental summons or prosecution was received in the reporting period.

Table K-4 Summary of Cumulative Compliant, Warning, Summon and Notification of Successful Prosecution Log

Reporting Month/Year	Number of Complaints	Number of Warnings	Number of Summons & Prosecutions
2024	0	0	0
2025	0	0	0
January – March 2026	0	0	0
Total	**0**	**0**	**0**

APPENDIX L
SUMMARY OF WASTE GENERATION AND DISPOSAL RECORDS
(Extracted from App F of the DC/2024/11 contractor's monthly environment report and the DE/2024/09 contractor's monthly environment report)

Contract No. DC/2024/11
Hung Shui Kiu Effluent Polishing Plant Phase 1 – Civil Works

Appendix F - Monthly Summary Waste Flow Table

Name of Department: Drainage Services Department Contract No.: DC/2024/11

Monthly Summary Waste Flow Table for 2026 (year)

w

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	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 '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)
Jan	74.950	0.000	0.000	0.000	74.950	0.000	0.000	0.000	0.000	0.000	5.070
Feb	2912.580	0.000	0.000	0.000	2912.580	0.000	0.001	0.000	0.003	0.000	8.180
Mar	1237.300	0.000	0.000	0.000	1237.300	0.000	*0.000	*0.000	*0.000	0.000	16.700
Apr											
May											
Jun											
Sub-total	4224.830	0.000	0.000	0.000	4224.830	0.000	0.001	0.000	0.003	0.000	29.950
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
Total	4224.830	0.000	0.000	0.000	4224.830	0.000	0.001	0.000	0.003	0.000	29.950

Notes: *The record of recycle data will be updated in next reporting period

Name of Department: DSD

Contract No: DE/2024/09

Monthly Summary Waste Flow Table for 2026

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 Borken Concrete	Reused in the Contract	Reused in other Projects	Disposal as Public Fill	Imported Fill	Metals	Paper / Cardboard Packaging	Plastics (See note 3)	Chemical Waste	Other, e.g. general refuse
	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]
Jan	0.000	0.000	0.000	0.000	0.000	213.930	0.000	0.000	0.000	0.000	0.000
Feb	6.690	0.000	0.000	0.000	6.690	0.000	0.000	0.000	0.000	0.000	2.140
Mar	6.330	0.000	0.000	0.000	6.330	0.000	0.000	0.000	0.000	0.000	5.420
Apr											
May											
June											
SUB-TOTAL	13.020	0.000	0.000	0.000	13.020	213.930	0.000	0.000	0.000	0.000	7.560
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
TOTAL	13.020	0.000	0.000	0.000	13.020	213.930	0.000	0.000	0.000	0.000	7.560

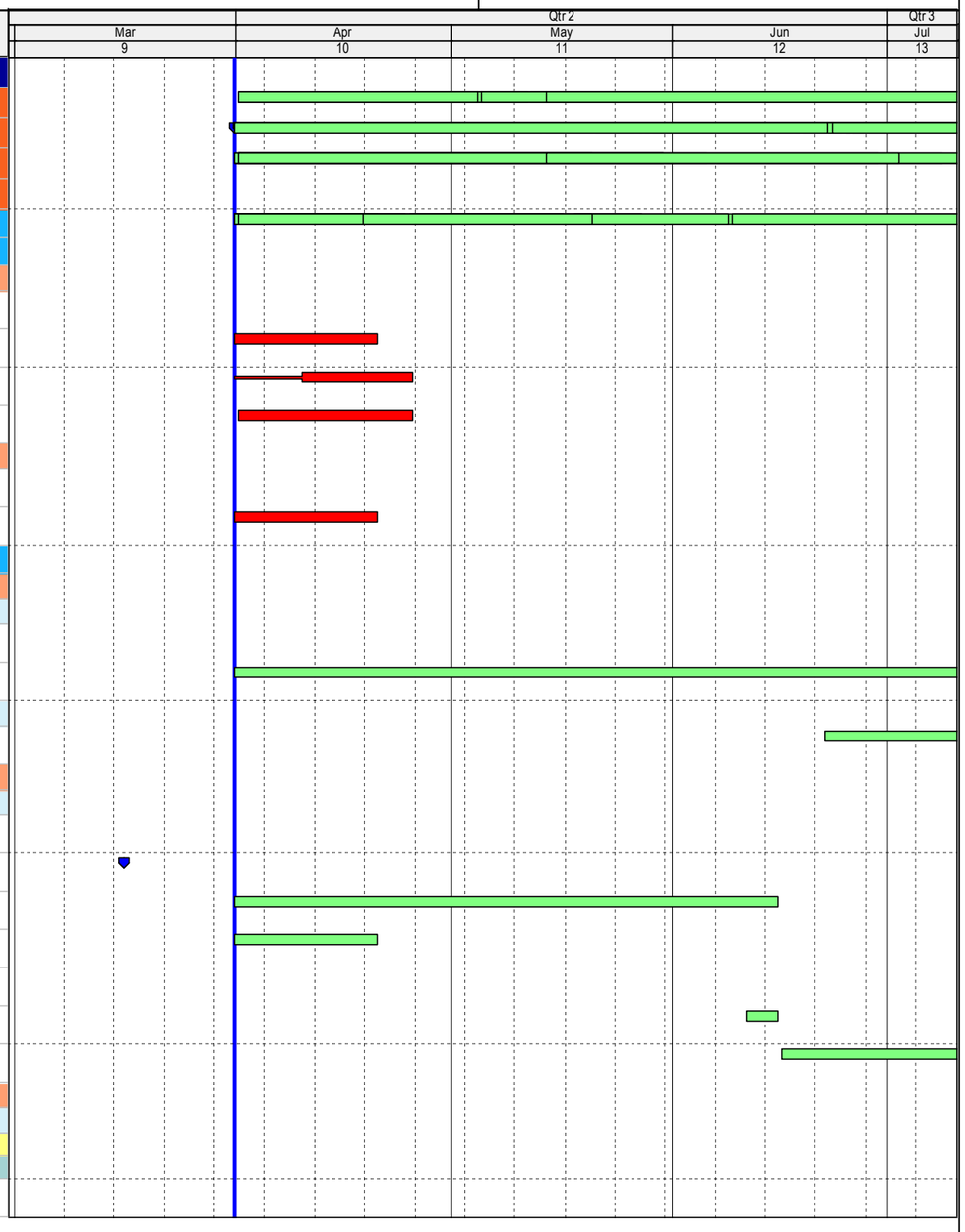
Note: **(1) The waste flow table shall also include C&D materials that are specified in the contract to be imported for use at the site**
(2) Plastics refer to plastic bottles / containers/ plastic sheets / foam from packaging material

APPENDIX M
CONSTRUCTION PROGRAMME

Data Date: 31-Mar-26
Print Date: 01-Apr-26 16:29

DC/2024/11 - Hung Shui Kiu Effluent Polishing Plant Phase 1 - Civil Works [2026-03-31]

Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	TRA	Predecessors	Successors
DC/2024/11 - Hung Shui Kiu Effluent Polishing Plant Phase 1 - Civil W		517	25-Jun-25 A	31-Mar-27	27-Mar-26	29-Dec-28	518	10		
PRELIMINARIES AND GENERAL REQUIREMENTS		325	24-Sep-25 A	09-Nov-26	27-Mar-26	04-Aug-27	213	0		
DESIGN AND ENGINEERING		229	23-Oct-25 A	13-Aug-26	20-Apr-26	14-Jun-27	242	0		
PROCUREMENT, MANULIFACTURING & DELIVERIES		548	12-Sep-25 A	31-Mar-27	27-Mar-26	29-Dec-28	639	0		
CONSTRUCTION		378	25-Jun-25 A	05-Oct-26	27-Mar-26	12-Sep-28	568	10		
Mobilization and Setup		378	25-Jun-25 A	05-Oct-26	27-Mar-26	12-Sep-28	568	0		
section 1 of the works		61	12-Feb-26 A	25-Apr-26	27-Mar-26	21-Apr-26	-4	0		
PM's Site Accommodation		61	12-Feb-26 A	25-Apr-26	27-Mar-26	21-Apr-26	-4	0		
6202	Manufacture of PM Accommodation	24	12-Feb-26 A	30-Mar-26 A	27-Mar-26	27-Mar-26			4124	6208
6208	Erection of PM Accommodation	14	31-Mar-26 A	20-Apr-26	27-Mar-26	15-Apr-26	-4		6206, 6202,	6210, 6196
6210	Supply Office Equipment and Furniture to PM Accommodation	19	31-Mar-26 A	25-Apr-26	01-Apr-26	21-Apr-26	-4		6208, 6200	6212
6212	Demolish the existing site office in WA1 and relocation of PM Accommodation to WA4	18	01-Apr-26	25-Apr-26	27-Mar-26	21-Apr-26	-4		6210, 6306	Sect_1_P
Contractor's Site Accommodation		34	12-Feb-26 A	20-Apr-26	02-Apr-26	21-Apr-26	1	0		
6300	Manufacture of Contactor's Site Accommodation	24	12-Feb-26 A	30-Mar-26 A	02-Apr-26	02-Apr-26			4160	6306
6306	Erection of Contactor's Site Accommodation	14	31-Mar-26 A	20-Apr-26	02-Apr-26	21-Apr-26	1		6304, 6300,	8100, 8010,
section 2 of the works		189	29-Jan-26 A	24-Sep-26	02-Apr-26	26-Aug-27	268	10		
C1 - Sludge Dewatering and Sewage Disinfection Building (SDSD)		142	11-Mar-26 A	01-Sep-26	29-Apr-26	24-Sep-26	20	6		
SDSD - Foundation		142	11-Mar-26 A	01-Sep-26	29-Apr-26	24-Sep-26	20	6		
7114	SDSD: Mobilization of Piling Rig	4	11-Mar-26 A	14-Mar-26 A	29-Apr-26	29-Apr-26			7112, 7162,	7116
7116	SDSD: Driven H-pile (596 nos DHP at 20~50 mpD @ 80lm/d/rig; 3 rigs)	138	16-Mar-26 A	01-Sep-26	29-Apr-26	24-Sep-26	20	6	7114, 7108,	7118
SDSD - ELS		40	22-Jun-26	07-Aug-26	10-Aug-26	24-Sep-26	41	0		
7122	SDSD: Sheet Piling (Type V; 255m, 2 Rigs, 3m per run/day)	40	22-Jun-26	07-Aug-26	10-Aug-26	24-Sep-26	41		5018, 4194,	7130, 7128,
C3 - Combined Heat and Power Building (CHP)		189	29-Jan-26 A	24-Sep-26	17-Oct-26	26-Aug-27	268	4		
CHP - Foundation		189	29-Jan-26 A	24-Sep-26	17-Oct-26	26-Aug-27	268	4		
7310	CHP: Predrilling (19 nos, 4 rigs; 5-day/no./rig)	24	29-Jan-26 A	17-Mar-26 A	17-Oct-26	17-Oct-26			5016, 6172,	7314, 7312,
7364	CHP: Confirmation for design change of pile size and length (PMI)	0	16-Mar-26 A		03-Mar-27					7326
7326	CHP: Procurement for Pre-bored H-pile and material testing (PMI)	72	17-Mar-26 A	15-Jun-26	03-Mar-27	17-May-27	268		7364	7316, 7314
7312	CHP: Predrilling Report	24	18-Mar-26 A	20-Apr-26	17-Oct-26	02-Nov-26	161		7310, 9008	7314, 7512
9008	CHP: Additional Predrilling (3 nos) (PMI)	12	18-Mar-26 A	31-Mar-26 A	17-Oct-26	17-Oct-26			7310	7312
7314	CHP: Mobilization of Piling Rig	4	11-Jun-26	15-Jun-26	12-May-27	17-May-27	268		7312, 7310,	7318, 7316
7316	CHP: Pre-bored H-pile (69 nos SHP at ~35mpD 3.5d/pile/rig @3rigs)	85	16-Jun-26	24-Sep-26	18-May-27	26-Aug-27	268	4	6176, 7326,	7318
C10 - All Utilities, roadworks, landscape and associated works		18	10-Feb-26 A	07-Mar-26 A	02-Apr-26	02-Apr-26		0		
Underground Works		18	10-Feb-26 A	07-Mar-26 A	02-Apr-26	02-Apr-26		0		
Portion 1A. 1D - Underground Works		18	10-Feb-26 A	07-Mar-26 A	02-Apr-26	02-Apr-26		0		
Process Pipeworks		18	10-Feb-26 A	07-Mar-26 A	02-Apr-26	02-Apr-26		0		
8330	Portion 1A: Effluent and Emergency Bypass (12mx2, 1.7m/d) (CLC area)	18	10-Feb-26 A	07-Mar-26 A	02-Apr-26	02-Apr-26				6214



Current Milestone
Critical Remaining Work
Remaining Work
Remaining Level of Effort

Contract No DC/2024/11
Three-month Rolling Programme

Project ID: DC202411-BL10-draft
Baseline:
Layout: 3-mth Rolling Prog Filter: TASK filter: Three Monthly Rolling Programme.

Date	Revision	Checked	Approved
31-Oct-25	Updated Programme (as of 31 Oct 25)	Nick Ho	TTS
30-Nov-25	Updated Programme BL06 (as of 30 N...	Nick Ho	TTS
31-Dec-25	Updated Programme BL07 (as of 31 D...	Nick Ho	TTS
31-Jan-26	Updated Programme BL08 (as of 31 Ja...	Nick Ho	TTS
28-Feb-26	Updated Programme BL09 (as of 28 Fe...	Nick Ho	TTS
31-Mar-26	Updated Programme BL10 (as of 31 M...	Nick Ho	TTS

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
HSEPP Phase 1 - E&M works and Biological Treatment Buildin		2139	16-Jun-25		28-Jan-26	26-Apr-31	03-Sep-25	25-Apr-31	0			
Project Commencement and Completion		1945	16-Jun-25		28-Jan-26	26-Apr-31	03-Sep-25	25-Apr-31	0			
PCC10000	Contract Date	0	16-Jun-25		28-Jan-26		18-Mar-26			0		BIM10000
PCC10010	Starting Date	0	25-Jun-25		28-Jan-26		03-Sep-25			0		CKP10000, CKP10010, CKP10020, CKP10030, CKP10040, CKP10050, CKP10060, CKP10070, CKP10080, CKP10090, CKP10100, CKP10110,
PCC10020	Completion Date	0				26-Apr-31		25-Apr-31	0	0	S210020	
Access Date		1221			21-May-26	23-Sep-29	20-May-26	22-Sep-29	0			
ACD10000	Working Area WA1	0			21-May-2		20-May-2		0	0	ITF10020	PRE00050
ACD10010	Working Area WA6	0			25-Dec-28		24-Dec-28		0	0	ITF10020	
ACD10020	Working Area WA7	0			25-Dec-27		24-Dec-27		0	0	ITF10020	
ACD10030	Portion 1C	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000, PRE00000, PRE00010
ACD10040	Portion 6D	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-ABWS-10000, S1-ABWS-10040, S1-ABWS-10060, S1-BTB-00000
ACD10050	Portion 7	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-ABWS-10020, S1-ABWS-10050, S1-BTB-00000
ACD10060	Portion 8	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000
ACD10070	Portion 8A	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000
ACD10080	Portion 9B	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000
ACD10090	Portion 13B	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000
ACD10100	Portion 1A	0			24-Oct-28		23-Oct-28		0	0	ITF10020	
ACD10110	Portion 1B	0			24-Oct-28		23-Oct-28		0	0	ITF10020	
ACD10120	Portion 1D	0			24-Oct-28		23-Oct-28		0	0	ITF10020	
ACD10130	Portion 3	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-SSB-10000, S1-SSB-10010
ACD10140	Portion 10	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-CHP-10000, S1-CHP-10020, S1-CHP-10050
ACD10150	Portion 10A	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-UBAB-20020, S1-UBAB-20010, S1-UBAB-20021
ACD10160	Portion 12A	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-UBAB-10030
ACD10170	Portion 12B	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-UBAB-10030
ACD10180	Portion 12C	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-UBAB-10030
ACD10190	Portion 2	0			24-Nov-28		23-Nov-28		0	0	ITF10020	S1-SDSDB-10000, S1-SDSDB-10020, S1-SDSDB-10040, S1-SDSDB-10030
ACD10200	Portion 4	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-IWSTB-10000, S1-IWSTB-10030
ACD10210	Portion 5	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-PST-10000, S1-PST-10010, S1-PST-10060, S1-PST-10070
ACD10220	Portion 6A	0			23-Sep-29		22-Sep-29		0	0	ITF10020	
ACD10230	Portion 6B	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-ABWS-10000, S1-ABWS-10040, S1-ABWS-10060
ACD10240	Portion 6C	0			23-Sep-29		22-Sep-29		0	0	ITF10020	
ACD10250	Portion 9A	0			23-Sep-29		22-Sep-29		0	0	ITF10020	
ACD10260	Portion 11	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-SD1-10000, S1-SD2-10000, S1-SD3-10000, S1-SD4-10000, S1-SDB-10000, S1-BIOH-10050, S1-SDB-10020
ACD10270	Portion 13A	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-IWSTB-10000, S1-IWSTB-10030
Key Date and Section of the Works		1858			25-Mar-26	26-Apr-31	24-Mar-26	25-Apr-31	0			
Contractual Completion of Key Date		1763			25-Mar-26	21-Jan-31	24-Mar-26	20-Jan-31	0			
KEY10000	KDE1-Completion of Design and Construction Requirements for SDSDB and SSB in accordance with the contract...	0				25-Mar-26		24-Mar-26	0	0		
KEY10010	KDE2-Completion of Design and Construction Requirements for IWSTB, PST, CHPB, SD No.1-4, SDB, Utility Bridge...	0				25-Jun-26		24-Jun-26	0	0		
KEY10020	KDE2A-Completion of all design for the civil,structural and geotechnical works for the Biological Treatment Building	0				24-Aug-26		23-Aug-26	0	0		
KEY10030	KDE3-Completion of Design and Construction Requirements for Administration Building and Workshop	0				25-Dec-26		24-Dec-26	0	0		
KEY10040	KDE4-Completion of all design and obtain all statutory approvals for the commencement of installation of Plant...	0				25-Jun-27		24-Jun-27	0	0		
KEY10050	KDE5-Completion of installation, SAT and SCT and the associated works of E&M works for all sewage and sludge treatment..	0				21-Jan-31		20-Jan-31	0	0		
Section of Works		15			11-Apr-31	26-Apr-31	10-Apr-31	25-Apr-31	0			
KEY20000	Section 1-Completion of all works except the works in section 2 and the Establishment Works	0				11-Apr-31		10-Apr-31	0	0		
KEY20010	Section 2-Completion of fully coordinated as-built BIM Model	0				26-Apr-31		25-Apr-31	0	0		
Preliminaries, Contractor's Design, Method Statement Submission ar		1991	17-Jun-25		28-Jan-26	28-Nov-30	03-Sep-25	25-Apr-31	149			
Contractor's Design Submission and Approval		765	25-Jun-25		28-Jan-26	30-Jul-27	03-Sep-25	30-Nov-27	124			
Major Permanent Works Design		765	25-Jun-25		28-Jan-26	30-Jul-27	03-Sep-25	24-Jun-27	-35			

Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone

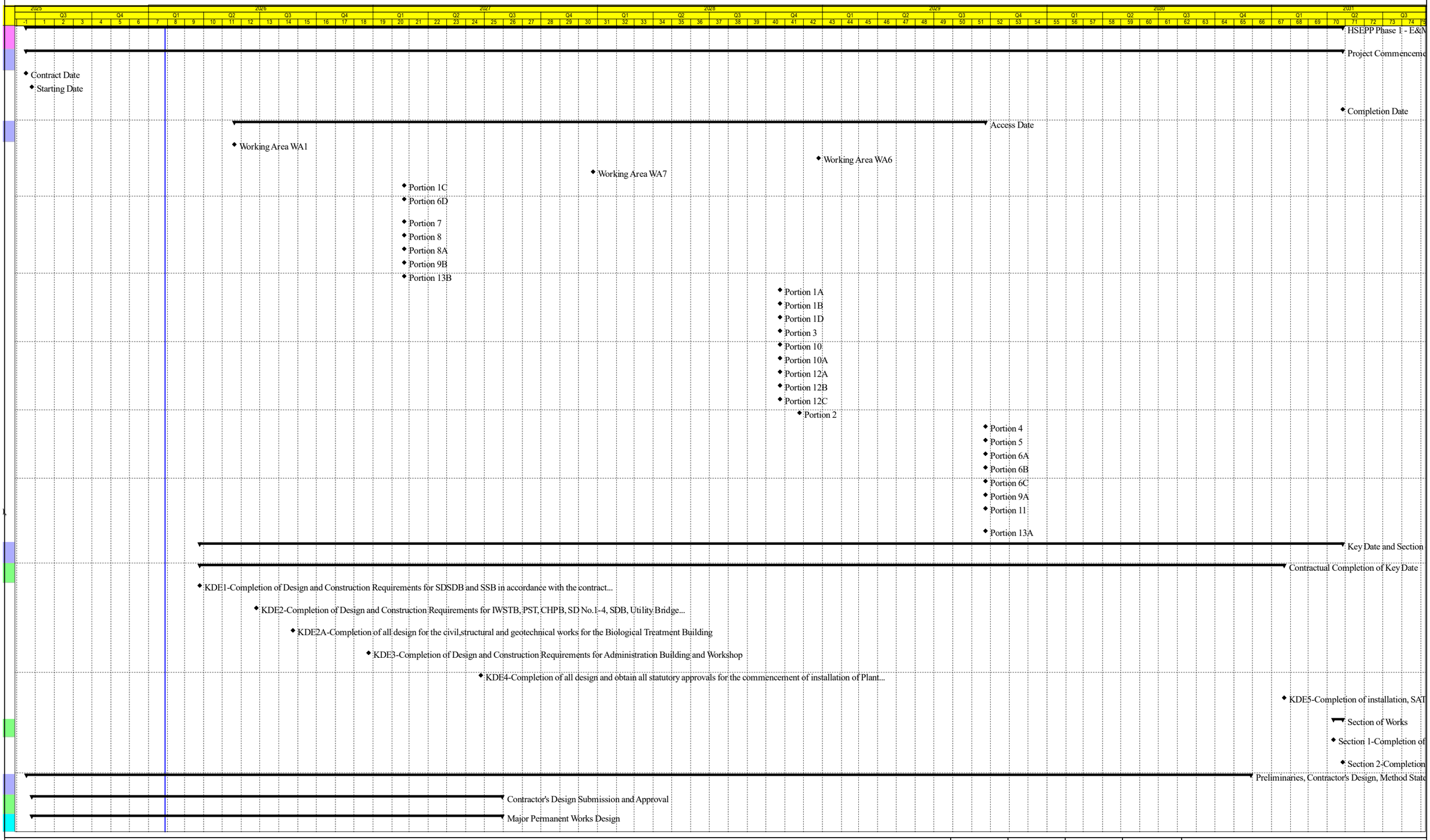
S.	Date	Revision	Checked	Approved
	28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
S.

Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

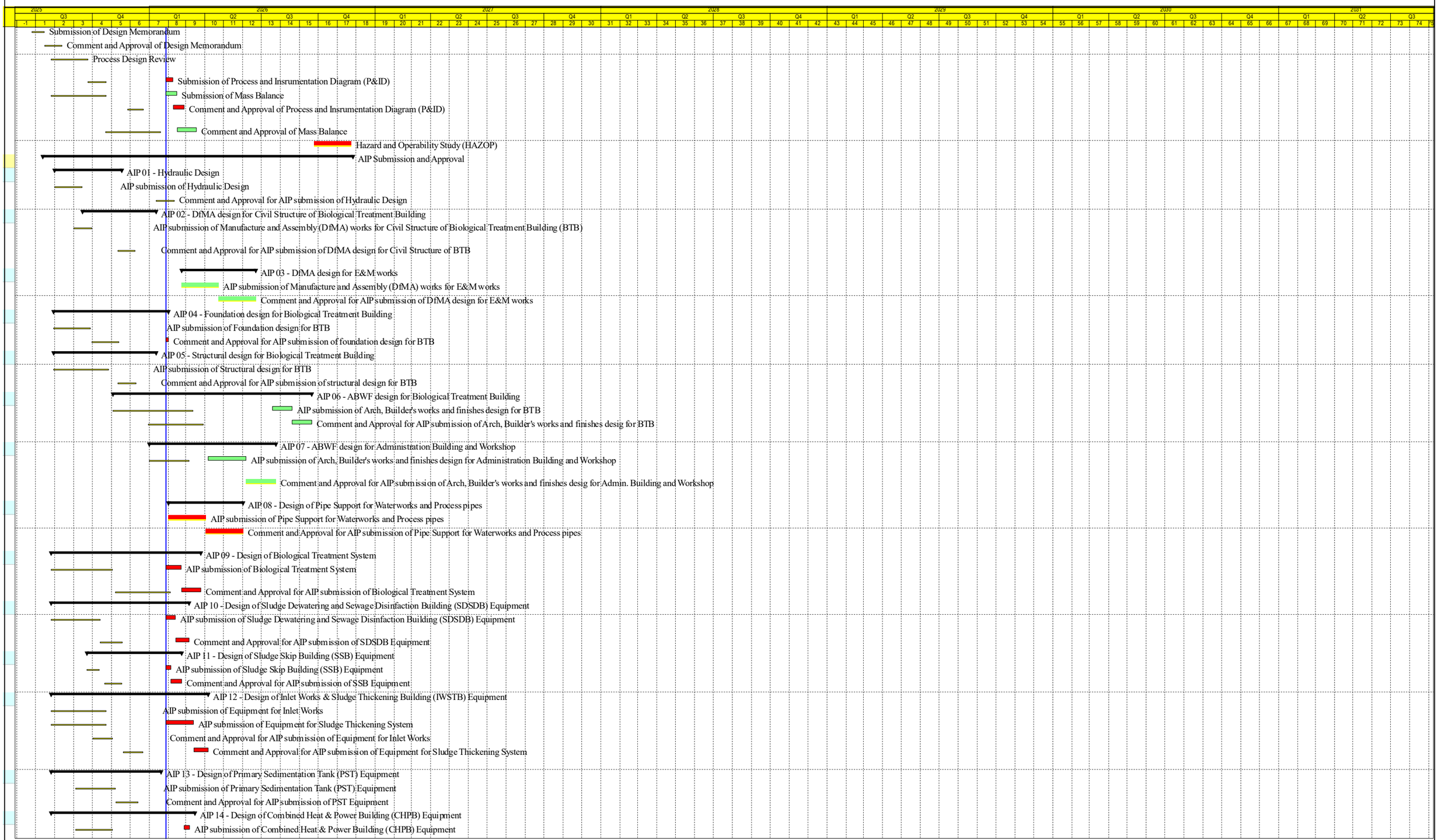
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
CDS10000	Submission of Design Memorandum	21	25-Jun-25	15-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS10010
CDS10010	Comment and Approval of Design Memorandum	28	16-Jul-25	12-Aug-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010, CDS10000	CDS-DDA-30051
CDS10020	Process Design Review	60	26-Jul-25	23-Sep-25	28-Jan-26	28-Jan-26	03-Sep-25	03-Sep-25		0	CGS10050, SUB20110	CDS10030, CDS-AIP-10000, CDS10060, CDS-AIP-30000, CDS-AIP-30020, CDS-AIP-30060, CDS10031, CDS-AIP-30065
CDS10030	Submission of Process and Insrumentation Diagram (P&ID)	30	24-Sep-25		28-Jan-26	08-Feb-26	03-Sep-25	15-Sep-25	-147	0	CDS10020	CDS10040, PRO10020
CDS10031	Submission of Mass Balance	90	24-Sep-25		28-Jan-26	14-Feb-26	12-Jun-26	30-Jun-26	136	0	CDS10020	CDS10041
CDS10040	Comment and Approval of Process and Insrumentation Diagram (P&ID)	25	27-Nov-25		09-Feb-26	26-Feb-26	15-Sep-25	02-Oct-25	-147	0	CDS10030	CDS10050, CDS-DDA-60020, CDS-AIP-30040, CDS-AIP-30080, CDS-AIP-30100, CDS-AIP-30120, CDS-AIP-30150, CDS-AIP-30170,
CDS10041	Comment and Approval of Mass Balance	90	22-Oct-25		15-Feb-26	18-Mar-26	30-Jun-26	31-Jul-26	136	0	CDS10031	CDS-DDA-60020
CDS10050	Hazard and Operability Study (HAZOP)	60			24-Sep-26	23-Nov-26	01-May-2	29-Jun-26	-147	0	CDS10040, CGS10050	CDS-DDA-60020
AIP Submission and Approval		500	13-Jul-25		28-Jan-26	26-Nov-26	12-Oct-25	05-Jan-27	40			
AIP 01 - Hydraulic Design		194	01-Aug-25	17-Nov-25	28-Jan-26	28-Jan-26	15-Dec-25	15-Dec-25				
CDS-AIP-10000	AIP submission of Hydraulic Design	45	01-Aug-25	07-Nov-25	28-Jan-26	28-Jan-26	15-Dec-25	15-Dec-25		0	CDS10020, SUB20110, CGS10050	CDS-AIP-10010, CDS-AIP-30080
CDS-AIP-10010	Comment and Approval for AIP submission of Hydraulic Design	30	01-Sep-25	17-Nov-25	28-Jan-26	28-Jan-26	15-Dec-25	15-Dec-25		0	CDS-AIP-10000	CDS-DDA-10000
AIP 02 - DfMA design for Civil Structure of Biological Treatment Building		99	15-Sep-25	12-Jan-26	22-Feb-26	22-Feb-26	02-Jun-26	02-Jun-26				
CDS-AIP-20000	AIP submission of Manufacture and Assembly (DfMA) works for Civil Structure of Biological Treatment Building (BTB)	30	15-Sep-25	30-Dec-25	22-Feb-26	22-Feb-26	02-Jun-26	02-Jun-26		0	CGS20010, CGS10050, CDS-AIP-20070	CDS-AIP-20010
CDS-AIP-20010	Comment and Approval for AIP submission of DfMA design for Civil Structure of BTB	28	11-Nov-25	12-Jan-26	22-Feb-26	22-Feb-26	02-Jun-26	02-Jun-26		1	CDS-AIP-20000	CDS-DDA-20000
AIP 03 - DfMA design for E&M works		120			22-Feb-26	22-Jun-26	25-Jun-26	22-Oct-26	123			
CDS-AIP-20020	AIP submission of Manufacture and Assembly (DfMA) works for E&M works	60			22-Feb-26	23-Apr-26	25-Jun-26	23-Aug-26	123	1	CGS20010, CGS10050	CDS-AIP-20030
CDS-AIP-20030	Comment and Approval for AIP submission of DfMA design for E&M works	60			23-Apr-26	22-Jun-26	24-Aug-26	22-Oct-26	123	1	CDS-AIP-20020	CDS-DDA-20020
AIP 04 - Foundation design for Biological Treatment Building		106	30-Jul-25		28-Jan-26	01-Feb-26	15-Nov-25	19-Nov-25	-73			
CDS-AIP-20040	AIP submission of Foundation design for BTB	60	30-Jul-25	21-Jan-26	28-Jan-26	28-Jan-26	15-Nov-25	15-Nov-25		0	SUB20000, CGS10050, CDS-AIP-30000	CDS-AIP-20050, CDS-AIP-20060
CDS-AIP-20050	Comment and Approval for AIP submission of foundation design for BTB	44	30-Sep-25		28-Jan-26	01-Feb-26	15-Nov-25	19-Nov-25	-73	0	CDS-AIP-20040	CDS-DDA-20040, CDS-AIP-20120
AIP 05 - Structural design for Biological Treatment Building		134	30-Jul-25	12-Jan-26	28-Jan-26	28-Jan-26	20-Dec-25	20-Dec-25				
CDS-AIP-20060	AIP submission of Structural design for BTB	90	30-Jul-25	30-Dec-25	28-Jan-26	28-Jan-26	20-Dec-25	20-Dec-25		0	SUB20000, CDS-AIP-20040, CGS10050, CDS-AIP-30000	CDS-AIP-20070, CDS-AIP-20080
CDS-AIP-20070	Comment and Approval for AIP submission of structural design for BTB	30	11-Nov-25	12-Jan-26	28-Jan-26	28-Jan-26	20-Dec-25	20-Dec-25		0	CDS-AIP-20060	CDS-DDA-20060, CDS-AIP-20000
AIP 06 - ABWF design for Biological Treatment Building		147	03-Nov-25		19-Jul-26	20-Sep-26	02-Nov-26	05-Jan-27	106			
CDS-AIP-20080	AIP submission of Arch, Builder's works and finishes design for BTB	130	03-Nov-25		19-Jul-26	20-Aug-26	02-Nov-26	04-Dec-26	106	1	SUB20000, CDS-AIP-20060, CGS10050	CDS-AIP-20090
CDS-AIP-20090	Comment and Approval for AIP submission of Arch, Builder's works and finishes desig for BTB	90	30-Dec-25		20-Aug-26	20-Sep-26	04-Dec-26	05-Jan-27	106	1	CDS-AIP-20080	CDS-DDA-20080
AIP 07 - ABWF design for Administration Building and Workshop		205	01-Jan-26		06-Apr-26	24-Jul-26	09-Apr-26	27-Jul-26	3			
CDS-AIP-20100	AIP submission of Arch, Builder's works and finishes design for Administration Building and Workshop	65	01-Jan-26		06-Apr-26	06-Jun-26	09-Apr-26	09-Jun-26	3	1	SUB20000, CGS10050	CDS-AIP-20110
CDS-AIP-20110	Comment and Approval for AIP submission of Arch, Builder's works and finishes desig for Admin. Building and Workshop	48			06-Jun-26	24-Jul-26	10-Jun-26	27-Jul-26	3	1	CDS-AIP-20100	CDS-DDA-20100
AIP 08 - Design of Pipe Support for Waterworks and Process pipes		120			01-Feb-26	01-Jun-26	27-Dec-25	25-Apr-26	-36			
CDS-AIP-20120	AIP submission of Pipe Support for Waterworks and Process pipes	60			01-Feb-26	02-Apr-26	27-Dec-25	24-Feb-26	-36	0	CGS10050, SUB20000, CDS-AIP-20050	CDS-AIP-20130
CDS-AIP-20130	Comment and Approval for AIP submission of Pipe Support for Waterworks and Process pipes	60			02-Apr-26	01-Jun-26	25-Feb-26	25-Apr-26	-36	0	CDS-AIP-20120	CDS-DDA-20120
AIP 09 - Design of Biological Treatment System		194	26-Jul-25		28-Jan-26	25-Mar-26	12-Oct-25	07-Feb-26	-46			
CDS-AIP-30000	AIP submission of Biological Treatment System	100	26-Jul-25		28-Jan-26	21-Feb-26	12-Oct-25	06-Nov-25	-108	0	SUB20110, CGS10050, CDS10020	CDS-AIP-30010, CDS-AIP-20060, CDS-AIP-20040, CDS-AIP-30020, CDS-AIP-30060, CDS-AIP-30065
CDS-AIP-30010	Comment and Approval for AIP submission of Biological Treatment System	90	07-Nov-25		22-Feb-26	25-Mar-26	07-Jan-26	07-Feb-26	-46	0	CDS-AIP-30000	CDS-DDA-30000, CDS-DDA-20050, CDS-DDA-20070, CDS-DDA-30030
AIP 10 - Design of Sludge Dewatering and Sewage Disinfaction Building (SDSDB) Equipment		116	26-Jul-25		28-Jan-26	06-Mar-26	12-Oct-25	18-Nov-25	-108			
CDS-AIP-30020	AIP submission of Sludge Dewatering and Sewage Disinfaction Building (SDSDB) Equipment	80	26-Jul-25		28-Jan-26	12-Feb-26	12-Oct-25	28-Oct-25	-108	0	CGS10050, CDS-AIP-30000, CDS10020	CDS-AIP-30030
CDS-AIP-30030	Comment and Approval for AIP submission of SDSDB Equipment	36	21-Oct-25		13-Feb-26	06-Mar-26	28-Oct-25	18-Nov-25	-108	0	CDS-AIP-30020	CDS-DDA-30020
AIP 11 - Design of Sludge Skip Building (SSB) Equipment		57	22-Sep-25		28-Jan-26	22-Feb-26	27-Oct-25	21-Nov-25	-92			
CDS-AIP-30040	AIP submission of Sludge Skip Building (SSB) Equipment	21	22-Sep-25		28-Jan-26	05-Feb-26	27-Oct-25	05-Nov-25	-92	0	CGS10050, CDS10040	CDS-AIP-30050
CDS-AIP-30050	Comment and Approval for AIP submission of SSB Equipment	28	21-Oct-25		05-Feb-26	22-Feb-26	05-Nov-25	21-Nov-25	-92	0	CDS-AIP-30040	CDS-DDA-30040
AIP 12 - Design of Inlet Works & Sludge Thickening Building (IWSTB) Equipment		149	26-Jul-25		28-Jan-26	06-Apr-26	20-Dec-25	02-Mar-26	-36			
CDS-AIP-30060	AIP submission of Equipment for Inlet Works	90	26-Jul-25	14-Jan-26	28-Jan-26	28-Jan-26	03-Feb-26	03-Feb-26		0	CGS10050, CDS-AIP-30000, CDS10020	CDS-AIP-30070, CDS-AIP-30075
CDS-AIP-30065	AIP submission of Equipment for Sludge Thickening System	90	26-Jul-25		28-Jan-26	13-Mar-26	20-Dec-25	02-Feb-26	-39	0	CGS10050, CDS-AIP-30000, CDS10020	CDS-AIP-30070, CDS-AIP-30075
CDS-AIP-30070	Comment and Approval for AIP submission of Equipment for Inlet Works	32	22-Sep-25	26-Jan-26	13-Mar-26	13-Mar-26	02-Mar-26	02-Mar-26		0	CDS-AIP-30060, CDS-AIP-30065	CDS-DDA-30060
CDS-AIP-30075	Comment and Approval for AIP submission of Equipment for Sludge Thickening System	32	20-Nov-25		14-Mar-26	06-Apr-26	03-Feb-26	26-Feb-26	-39	0	CDS-AIP-30060, CDS-AIP-30065	CDS-DDA-30065
AIP 13 - Design of Primary Sedimentation Tank (PST) Equipment		101	26-Jul-25	20-Jan-26	26-Feb-26	26-Feb-26	02-Mar-26	02-Mar-26				
CDS-AIP-30080	AIP submission of Primary Sedimentation Tank (PST) Equipment	65	26-Jul-25	16-Jan-26	26-Feb-26	26-Feb-26	02-Mar-26	02-Mar-26		0	CGS10050, CDS10040, CDS-AIP-10000	CDS-AIP-30090
CDS-AIP-30090	Comment and Approval for AIP submission of PST Equipment	36	15-Oct-25	20-Jan-26	26-Feb-26	26-Feb-26	02-Mar-26	02-Mar-26		0	CDS-AIP-30080	CDS-DDA-30080
AIP 14 - Design of Combined Heat & Power Building (CHPB) Equipment		66	26-Jul-25		26-Feb-26	15-Mar-26	22-Feb-26	11-Mar-26	-4			
CDS-AIP-30100	AIP submission of Combined Heat & Power Building (CHPB) Equipment	60	26-Jul-25		26-Feb-26	07-Mar-26	22-Feb-26	03-Mar-26	-4	2	CGS10050, CDS10040	CDS-AIP-30110

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

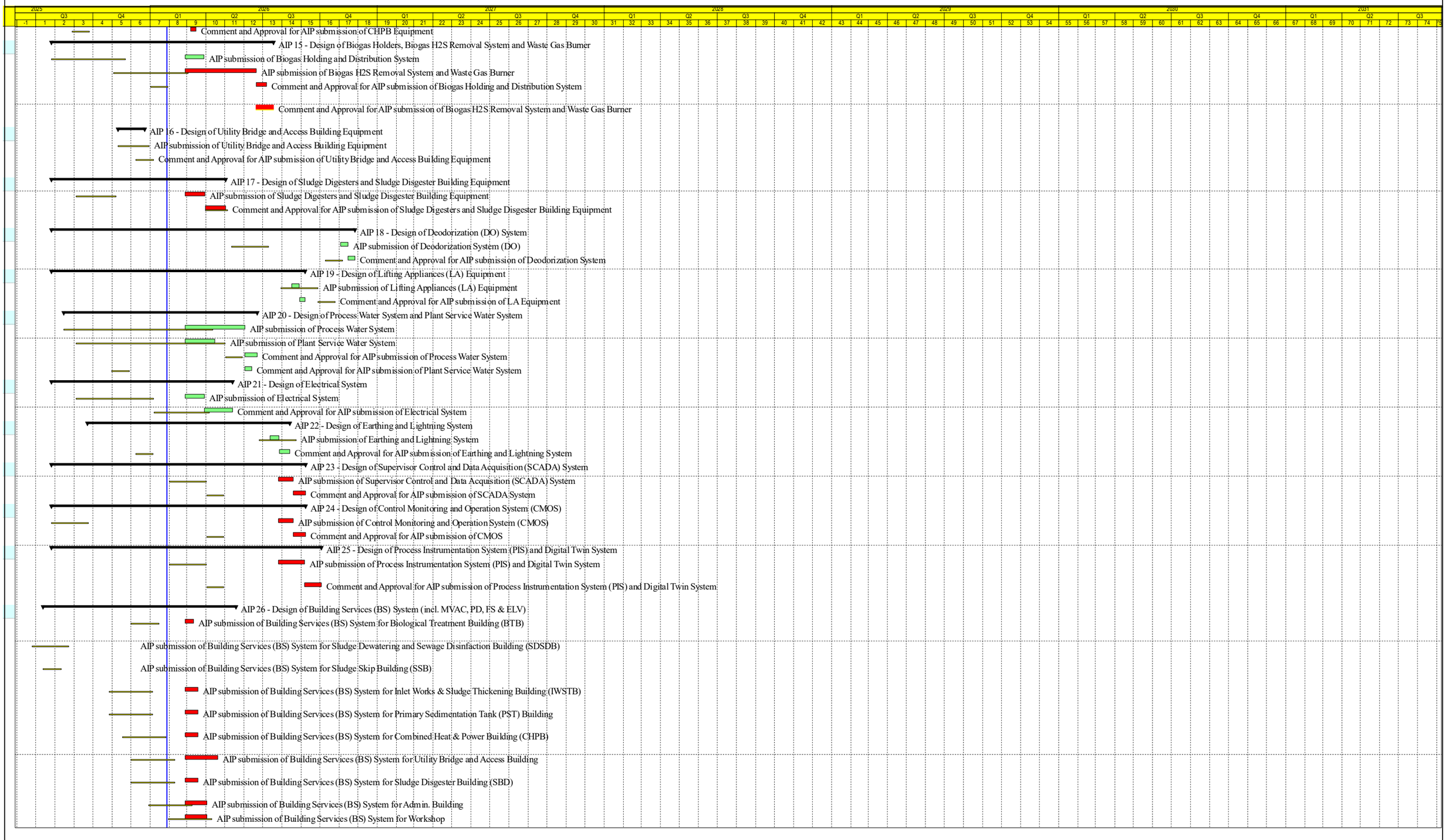
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
CDS-AIP-30110	Comment and Approval for AIP submission of CHPB Equipment	28	28-Aug-25		07-Mar-26	15-Mar-26	03-Mar-26	11-Mar-26	-4	2	CDS-AIP-30100	CDS-DDA-30100, CDS-AIP-40012
AIP 15 - Design of Biogas Holders, Biogas H2S Removal System and Waste Gas Burner		358	26-Jul-25		26-Feb-26	18-Jul-26	29-Jan-26	19-Jun-26	-29			
CDS-AIP-30120	AIP submission of Biogas Holding and Distribution System	120	26-Jul-25		26-Feb-26	28-Mar-26	23-Apr-26	22-May-26	56	1	CGS10050, CDS10040	CDS-AIP-30130, CDS-AIP-30135
CDS-AIP-30125	AIP submission of Biogas H2S Removal System and Waste Gas Burner	120	03-Nov-25		26-Feb-26	20-Jun-26	29-Jan-26	22-May-26	-29	0	CGS10050, CDS10040	CDS-AIP-30130, CDS-AIP-30135
CDS-AIP-30130	Comment and Approval for AIP submission of Biogas Holding and Distribution System	28	23-Oct-25		20-Jun-26	07-Jul-26	03-Jun-26	19-Jun-26	-17	1	CDS-AIP-30120, CDS-AIP-30125	CDS-DDA-30120, CDS-AIP-30140
CDS-AIP-30135	Comment and Approval for AIP submission of Biogas H2S Removal System and Waste Gas Burner	28			20-Jun-26	18-Jul-26	23-May-26	19-Jun-26	-29	0	CDS-AIP-30120, CDS-AIP-30125	CDS-AIP-30140, CDS-DDA-30125
AIP 16 - Design of Utility Bridge and Access Building Equipment		57	10-Nov-25	23-Dec-25	26-Feb-26	26-Feb-26	24-Feb-26	24-Feb-26				
CDS-AIP-30150	AIP submission of Utility Bridge and Access Building Equipment	50	10-Nov-25	09-Dec-25	26-Feb-26	26-Feb-26	24-Feb-26	24-Feb-26		1	CGS10050, CDS10040	CDS-AIP-30160
CDS-AIP-30160	Comment and Approval for AIP submission of Utility Bridge and Access Building Equipment	28	09-Dec-25	23-Dec-25	26-Feb-26	26-Feb-26	24-Feb-26	24-Feb-26		1	CDS-AIP-30150	CDS-DDA-30140
AIP 17 - Design of Sludge Digesters and Sludge Disgester Building Equipment		244	26-Jul-25		26-Feb-26	02-May-26	24-Dec-25	26-Feb-26	-64			
CDS-AIP-30170	AIP submission of Sludge Digesters and Sludge Disgester Building Equipment	65	26-Jul-25		26-Feb-26	30-Mar-26	24-Dec-25	25-Jan-26	-64	0	CGS10050, CDS10040	CDS-AIP-30180
CDS-AIP-30180	Comment and Approval for AIP submission of Sludge Digesters and Sludge Disgester Building Equipment	36	22-Jan-26		31-Mar-26	02-May-26	25-Jan-26	26-Feb-26	-64	0	CDS-AIP-30170	CDS-DDA-30160
AIP 18 - Design of Deodorization (DO) System		179	26-Jul-25		03-Nov-26	26-Nov-26	05-Nov-26	28-Nov-26	2			
CDS-AIP-30190	AIP submission of Deodorization System (DO)	60	26-Jul-25		03-Nov-26	15-Nov-26	05-Nov-26	17-Nov-26	2	2	CGS10050, CDS10040	CDS-AIP-30200
CDS-AIP-30200	Comment and Approval for AIP submission of Deodorization System	28	10-Oct-25		15-Nov-26	26-Nov-26	17-Nov-26	28-Nov-26	2	2	CDS-AIP-30190	CDS-DDA-30180
AIP 19 - Design of Lifting Appliances (LA) Equipment		88	26-Jul-25		17-Aug-26	07-Sep-26	07-Nov-26	28-Nov-26	82			
CDS-AIP-30210	AIP submission of Lifting Appliances (LA) Equipment	60	26-Jul-25		17-Aug-26	28-Aug-26	07-Nov-26	19-Nov-26	82	1	CGS10050	CDS-AIP-30220
CDS-AIP-30220	Comment and Approval for AIP submission of LA Equipment	28	10-Oct-25		29-Aug-26	07-Sep-26	19-Nov-26	28-Nov-26	82	1	CDS-AIP-30210	CDS-DDA-30200
AIP 20 - Design of Process Water System and Plant Service Water System		288	15-Aug-25		26-Feb-26	22-Jun-26	04-Jun-26	27-Sep-26	98			
CDS-AIP-30230	AIP submission of Process Water System	240	15-Aug-25		26-Feb-26	02-Jun-26	04-Jun-26	08-Sep-26	98	2	CGS10050, CDS10040	CDS-AIP-30240, CDS-AIP-30245
CDS-AIP-30235	AIP submission of Plant Service Water System	240	15-Aug-25		26-Feb-26	15-Apr-26	22-Jul-26	08-Sep-26	146	2	CGS10050, CDS10040	CDS-AIP-30240, CDS-AIP-30245
CDS-AIP-30240	Comment and Approval for AIP submission of Process Water System	28	20-Oct-25		02-Jun-26	22-Jun-26	08-Sep-26	27-Sep-26	98	2	CDS-AIP-30230, CDS-AIP-30235	CDS-DDA-30220, CDS-AIP-30250
CDS-AIP-30245	Comment and Approval for AIP submission of Plant Service Water System	28	31-Oct-25		02-Jun-26	13-Jun-26	16-Sep-26	27-Sep-26	106	2	CDS-AIP-30230, CDS-AIP-30235	CDS-DDA-30220, CDS-AIP-30250
AIP 21 - Design of Electrical System		215	26-Jul-25		26-Feb-26	13-May-26	14-Apr-26	29-Jun-26	47			
CDS-AIP-40000	AIP submission of Electrical System	125	26-Jul-25		26-Feb-26	29-Mar-26	14-Apr-26	15-May-26	47	2	CGS10050, CDS10040	CDS-AIP-40010, CDS-AIP-40011
CDS-AIP-40010	Comment and Approval for AIP submission of Electrical System	90	17-Sep-25		29-Mar-26	13-May-26	16-May-2	29-Jun-26	47	2	CDS-AIP-40000	CDS-DDA-40000
AIP 22 - Design of Earthing and Lightning System		258	22-Sep-25		13-Jul-26	13-Aug-26	26-Sep-26	27-Oct-26	75			
CDS-AIP-40020	AIP submission of Earthing and Lightning System	60	22-Sep-25		13-Jul-26	27-Jul-26	26-Sep-26	11-Oct-26	75	2	CGS10050	CDS-AIP-40030
CDS-AIP-40030	Comment and Approval for AIP submission of Earthing and Lightning System	28	09-Dec-25		28-Jul-26	13-Aug-26	11-Oct-26	27-Oct-26	75	2	CDS-AIP-40020	CDS-DDA-40020
AIP 23 - Design of Supervisor Control and Data Acquisition (SCADA) System		88	26-Jul-25		26-Jul-26	08-Sep-26	16-Jul-26	28-Aug-26	-10			
CDS-AIP-40040	AIP submission of Supervisor Control and Data Acquisition (SCADA) System	60	26-Jul-25		26-Jul-26	19-Aug-26	16-Jul-26	09-Aug-26	-10	2	CGS10050, CDS10040	CDS-AIP-40050
CDS-AIP-40050	Comment and Approval for AIP submission of SCADA System	28	05-Sep-25		19-Aug-26	08-Sep-26	09-Aug-26	28-Aug-26	-10	2	CDS-AIP-40040	CDS-DDA-40040
AIP 24 - Design of Control Monitoring and Operation System (CMOS)		278	26-Jul-25		26-Jul-26	08-Sep-26	16-Jul-26	28-Aug-26	-10			
CDS-AIP-40060	AIP submission of Control Monitoring and Operation System (CMOS)	60	26-Jul-25		26-Jul-26	19-Aug-26	16-Jul-26	09-Aug-26	-10	0	CGS10050, CDS10040	CDS-AIP-40070
CDS-AIP-40070	Comment and Approval for AIP submission of CMOS	28	05-Sep-25		19-Aug-26	08-Sep-26	09-Aug-26	28-Aug-26	-10	0	CDS-AIP-40060	CDS-DDA-40060
AIP 25 - Design of Process Instrumentation System (PIS) and Digital Twin System		88	26-Jul-25		26-Jul-26	03-Oct-26	21-Jun-26	28-Aug-26	-35			
CDS-AIP-40080	AIP submission of Process Instrumentation System (PIS) and Digital Twin System	60	26-Jul-25		26-Jul-26	06-Sep-26	21-Jun-26	02-Aug-26	-35	0	CGS10050, CDS10040	CDS-AIP-40090
CDS-AIP-40090	Comment and Approval for AIP submission of Process Instrumentation System (PIS) and Digital Twin System	28	05-Sep-25		06-Sep-26	03-Oct-26	02-Aug-26	28-Aug-26	-35	0	CDS-AIP-40080	CDS-DDA-40080
AIP 26 - Design of Building Services (BS) System (incl. MVAC, PD, FS & ELV)		343	13-Jul-25		28-Jan-26	19-May-26	06-Dec-25	30-Apr-26	-19			
CDS-AIP-50001	AIP submission of Building Services (BS) System for Biological Treatment Building (BTB)	45	01-Dec-25		26-Feb-26	11-Mar-26	22-Feb-26	07-Mar-26	-4	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50021
CDS-AIP-50002	AIP submission of Building Services (BS) System for Sludge Dewatering and Sewage Disinfaction Building (SDSDB)	60	13-Jul-25	08-Dec-25	28-Jan-26	28-Jan-26	06-Dec-25	06-Dec-25		0	CGS10050	CDS-AIP-50200, CDS-AIP-50022
CDS-AIP-50003	AIP submission of Building Services (BS) System for Sludge Skip Building (SSB)	30	13-Jul-25	08-Dec-25	26-Feb-26	26-Feb-26	29-Jan-26	29-Jan-26		0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50023
CDS-AIP-50004	AIP submission of Building Services (BS) System for Inlet Works & Sludge Thickening Building (IWSTB)	70	27-Oct-25		26-Feb-26	19-Mar-26	31-Jan-26	20-Feb-26	-27	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50024
CDS-AIP-50005	AIP submission of Building Services (BS) System for Primary Sedimentation Tank (PST) Building	70	27-Oct-25		26-Feb-26	19-Mar-26	31-Jan-26	20-Feb-26	-27	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50025
CDS-AIP-50006	AIP submission of Building Services (BS) System for Combined Heat & Power Building (CHPB)	70	17-Nov-25		26-Feb-26	19-Mar-26	15-Feb-26	07-Mar-26	-12	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50026
CDS-AIP-50007	AIP submission of Building Services (BS) System for Utility Bridge and Access Building	70	01-Dec-25		26-Feb-26	19-Apr-26	05-Jan-26	26-Feb-26	-52	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50027
CDS-AIP-50008	AIP submission of Building Services (BS) System for Sludge Disgester Building (SBD)	70	01-Dec-25		26-Feb-26	19-Mar-26	15-Feb-26	07-Mar-26	-12	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50028
CDS-AIP-50009	AIP submission of Building Services (BS) System for Admin. Building	70	29-Dec-25		26-Feb-26	02-Apr-26	25-Feb-26	31-Mar-26	-2	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50029
CDS-AIP-50010	AIP submission of Building Services (BS) System for Workshop	70	29-Dec-25		26-Feb-26	02-Apr-26	25-Feb-26	31-Mar-26	-2	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50030

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
S.

Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
CDS-AIP-50021	Comment and Approval for AIP submission of Building Services (BS) System for Biological Treatment Building (BTB)	30	22-Jan-26		12-Mar-26	01-Apr-26	08-Mar-26	28-Mar-26	-4	0	CDS-AIP-50001	CDS-AIP-50200, CDS-AIP-50120, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-AIP-50110, CDS-DDA-50000
CDS-AIP-50022	Comment and Approval for AIP submission of Building Services (BS) System for SDSDB	30	30-Sep-25	30-Dec-25	28-Jan-26	28-Jan-26	06-Dec-25	06-Dec-25		0	CDS-AIP-50002	CDS-AIP-50200, CDS-AIP-50120, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50001
CDS-AIP-50023	Comment and Approval for AIP submission of Building Services (BS) System for Sludge Skip Building (SSB)	30	30-Sep-25	29-Dec-25	26-Feb-26	26-Feb-26	29-Jan-26	29-Jan-26		0	CDS-AIP-50003	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50002
CDS-AIP-50024	Comment and Approval for AIP submission of Building Services (BS) System for IWSTB	30	19-Dec-25		19-Mar-26	09-Apr-26	21-Feb-26	13-Mar-26	-27	0	CDS-AIP-50004	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50003
CDS-AIP-50025	Comment and Approval for AIP submission of Building Services (BS) System for Primary Sedimentation Tank (PST) Building	30	23-Dec-25		19-Mar-26	09-Apr-26	21-Feb-26	13-Mar-26	-27	0	CDS-AIP-50005	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50004
CDS-AIP-50026	Comment and Approval for AIP submission of Building Services (BS) System for Combined Heat & Power Building (CHPB)	30	20-Jan-26		19-Mar-26	09-Apr-26	08-Mar-26	28-Mar-26	-12	0	CDS-AIP-50006	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50005
CDS-AIP-50027	Comment and Approval for AIP submission of Building Services (BS) System for Utility Bridge and Access Building	30			20-Apr-26	19-May-26	27-Feb-26	28-Mar-26	-52	0	CDS-AIP-50007	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50006
CDS-AIP-50028	Comment and Approval for AIP submission of Building Services (BS) System for Sludge Disgester Building (SBD)	30	23-Dec-25		19-Mar-26	09-Apr-26	08-Mar-26	28-Mar-26	-12	0	CDS-AIP-50008	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50007
CDS-AIP-50029	Comment and Approval for AIP submission of Building Services (BS) System for Admin. Building	30	05-Feb-26		02-Apr-26	02-May-26	01-Apr-26	30-Apr-26	-2	0	CDS-AIP-50009	CDS-AIP-50200, CDS-AIP-50120, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50008
CDS-AIP-50030	Comment and Approval for AIP submission of Building Services (BS) System for Workshop	30	05-Feb-26		02-Apr-26	02-May-26	01-Apr-26	30-Apr-26	-2	0	CDS-AIP-50010	CDS-AIP-50200, CDS-AIP-50120, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50009
AIP 27 - Design of BS Equipment		58	11-Aug-25		20-May-2	29-Jun-26	29-Jun-26	08-Aug-26	41			
CDS-AIP-50200	AIP submission of BS Equipment	30	11-Aug-25		20-May-26	06-Jun-26	29-Jun-26	17-Jul-26	41	1	CGS10050, CDS-AIP-50001, CDS-AIP-50002, CDS-AIP-50003, CDS-AIP-50004, CDS-AIP-50005, CDS-AIP-50006, CDS-AIP-50007,	CDS-AIP-50210
CDS-AIP-50210	Comment and Approval for AIP submission of BS Equipment	28	30-Dec-25		07-Jun-26	29-Jun-26	17-Jul-26	08-Aug-26	41	1	CDS-AIP-50200	CDS-DDA-50200, CDS-AIP-50120
AIP 28 - Design of Gas Detection System		60	06-Oct-25		28-Jan-26	03-Mar-26	25-Jul-26	28-Aug-26	178			
CDS-AIP-60000	AIP submission of Gas Detection System	60	06-Oct-25		28-Jan-26	14-Feb-26	25-Jul-26	12-Aug-26	178	2	CGS10050	CDS-AIP-60010
CDS-AIP-60010	Comment and Approval for AIP submission of Gas Detection System	28	05-Nov-25		15-Feb-26	03-Mar-26	12-Aug-26	28-Aug-26	178	2	CDS-AIP-60000	CDS-DDA-60000
DDA Submission and Approval		584	17-Nov-25		28-Jan-26	30-Jul-27	19-Nov-25	24-Jun-27	-35			
DDA 01 - Hydraulic Design		105	17-Nov-25		28-Jan-26	11-Apr-26	15-Dec-25	26-Feb-26	-44			
CDS-DDA-10000	DDA Submission of Hydraulic Design	50	17-Nov-25		28-Jan-26	11-Mar-26	15-Dec-25	26-Jan-26	-44	0	CDS-AIP-10010	CDS-DDA-10010
CDS-DDA-10010	Comment and Approval for DDA Submission of Hydraulic Design	31			11-Mar-26	11-Apr-26	27-Jan-26	26-Feb-26	-44	0	CDS-DDA-10000	CDS-DDA-60020, CDS-DDA-30060, CDS-DDA-30080, CDS-DDA-30000, CDS10060, CDS-DDA-30065
DDA 02 - DfMA design for Civil Structure of Biological Treatment Building		77	12-Jan-26		14-Aug-26	05-Nov-26	02-Jun-26	23-Aug-26	-73			
CDS-DDA-20000	DDA Submission of Manufacture and Assembly (DfMA) works for Civil Structure of Biological Treatment Building (BTB)	60	12-Jan-26		14-Aug-26	10-Oct-26	02-Jun-26	28-Jul-26	-73	0	CDS-AIP-20010, CDS-DDA-20070	CDS-DDA-20010
CDS-DDA-20010	Comment and Approval for DDA Submission of DfMA design for Civil Structure of BTB	26			10-Oct-26	05-Nov-26	29-Jul-26	23-Aug-26	-73	0	CDS-DDA-20000	PFW00010, S1-BTB-10000, S1-BTB-10090, CDS-DDA-20071, CDS-DDA-60020, PFW00000, S1-BTB-10100
DDA 03 - DfMA design for E&M works		210			22-Jun-26	18-Jan-27	23-Oct-26	20-May-27	123			
CDS-DDA-20020	DDA Submission of Manufacture and Assembly (DfMA) works for E&M works	150			22-Jun-26	19-Nov-26	23-Oct-26	21-Mar-27	123	1	CDS-AIP-20030	CDS-DDA-20030
CDS-DDA-20030	Comment and Approval for DDA Submission of DfMA design for E&M works	60			19-Nov-26	18-Jan-27	22-Mar-27	20-May-27	123	1	CDS-DDA-20020	PFW00020, CDS-DDA-60020, PFW00000
DDA 04 - Foundation design for Biological Treatment Building		250			01-Feb-26	09-Oct-26	20-Nov-25	23-Aug-26	-46			
CDS-DDA-20040	DDA Submission of Foundation design for BTB	120			01-Feb-26	01-Jun-26	20-Nov-25	19-Mar-26	-73	0	CDS-AIP-20050	CDS-DDA-20050, CDS-DDA-20060
CDS-DDA-20050	Comment and Approval for DDA Submission of foundation design for BTB	130			01-Jun-26	09-Oct-26	16-Apr-26	23-Aug-26	-46	0	CDS-DDA-20040, CDS-AIP-30010	CDS-DDA-20071, CDS-DDA-60020, MSS10020, CDST10000
DDA 05 - Structural design for Biological Treatment Building		224	12-Jan-26		03-Mar-26	24-Aug-26	20-Dec-25	23-Aug-26	0			
CDS-DDA-20060	DDA Submission of Structural design for BTB	120	12-Jan-26		03-Mar-26	25-Jun-26	20-Dec-25	12-Apr-26	-73	0	CDS-DDA-20040, CDS-AIP-20070	CDS-DDA-20070, CDS-DDA-20080
CDS-DDA-20070	Comment and Approval for DDA Submission of structural design for BTB	50			25-Jun-26	14-Aug-26	13-Apr-26	01-Jun-26	-73	0	CDS-DDA-20060, CDS-AIP-30010	MSS10060, CDS-DDA-20071, CDS-DDA-60020, CDS-DDA-20000
CDS-DDA-20071	Planned Completion of KDE2A	0				24-Aug-26		23-Aug-26	0	0	CDS-DDA-20010, CDS-DDA-20050, CDS-DDA-20070, CDS-DDA-20130, CDS-DDA-50020	
DDA 06 - ABWF design for Biological Treatment Building		171			11-Jan-27	30-Jun-27	05-Jan-27	24-Jun-27	-6			
CDS-DDA-20080	DDA Submission of Arch, Builder's works and finishes design for BTB	90			11-Jan-27	10-Apr-27	05-Jan-27	04-Apr-27	-6	0	CDS-DDA-20060, CDS-AIP-20090	CDS-DDA-20090
CDS-DDA-20090	Comment and Approval for DDA Submission of Arch, Builder's works and finishes desig for BTB	60			10-Apr-27	09-Jun-27	04-Apr-27	03-Jun-27	-6	0	CDS-DDA-20080	CDS-DDA-20091
CDS-DDA-20091	DAP stage 2 and 3 submission	21			10-Jun-27	30-Jun-27	04-Jun-27	24-Jun-27	-6	0	CDS-DDA-20090	CDS-DDA-60020, MSS10080
DDA 07 - ABWF design for Administration Building and Workshop		153			24-Jul-26	25-Dec-26	28-Jul-26	24-Dec-26	0			
CDS-DDA-20100	DDA Submission of Arch, Builder's works and finishes design for Administration Building and Workshop	92			24-Jul-26	24-Oct-26	28-Jul-26	27-Oct-26	3	0	CDS-AIP-20110	CDS-DDA-20110
CDS-DDA-20110	Comment and Approval for DDA Submission of Arch, Builder's works and finishes desig for Admin. Building and Workshop	58			24-Oct-26	21-Dec-26	28-Oct-26	24-Dec-26	3	0	CDS-DDA-20100	MSS10100, CDS-DDA-20111, CDS-DDA-60020
CDS-DDA-20111	Planned Completion of KDE3	0				25-Dec-26		24-Dec-26	0	0	CDS-DDA-20110, CDS-DDA-50028, CDS-DDA-50029	
DDA 08 - Design of Pipe Support for Waterworks and Process pipes		120			01-Jun-26	29-Sep-26	26-Apr-26	23-Aug-26	-36			
CDS-DDA-20120	DDA submission of Pipe Support for Waterworks and Process pipes	60			01-Jun-26	31-Jul-26	26-Apr-26	24-Jun-26	-36	0	CDS-AIP-20130, SUB20170	CDS-DDA-20130
CDS-DDA-20130	Comment and Approval for DDA submission of Pipe Support for Waterworks and Process pipes	60			31-Jul-26	29-Sep-26	25-Jun-26	23-Aug-26	-36	0	CDS-DDA-20120	CDS-DDA-20071, CDS-DDA-60020, MSS20200
DDA 09 - Design of Biological Treatment System		360			11-Apr-26	06-Apr-27	30-Jun-26	24-Jun-27	80			
CDS-DDA-30000	DDA Submission of Biological Treatment System	270			11-Apr-26	06-Jan-27	30-Jun-26	26-Mar-27	80	2	CDS-AIP-30010, CDS-DDA-10010	CDS-DDA-30010, PRO10020, PRO10030
CDS-DDA-30010	Comment and Approval for DDA Submission of Biological Treatment System	90			06-Jan-27	06-Apr-27	27-Mar-27	24-Jun-27	80	2	CDS-DDA-30000	MSS20000, CDS-DDA-60020, MSS20200

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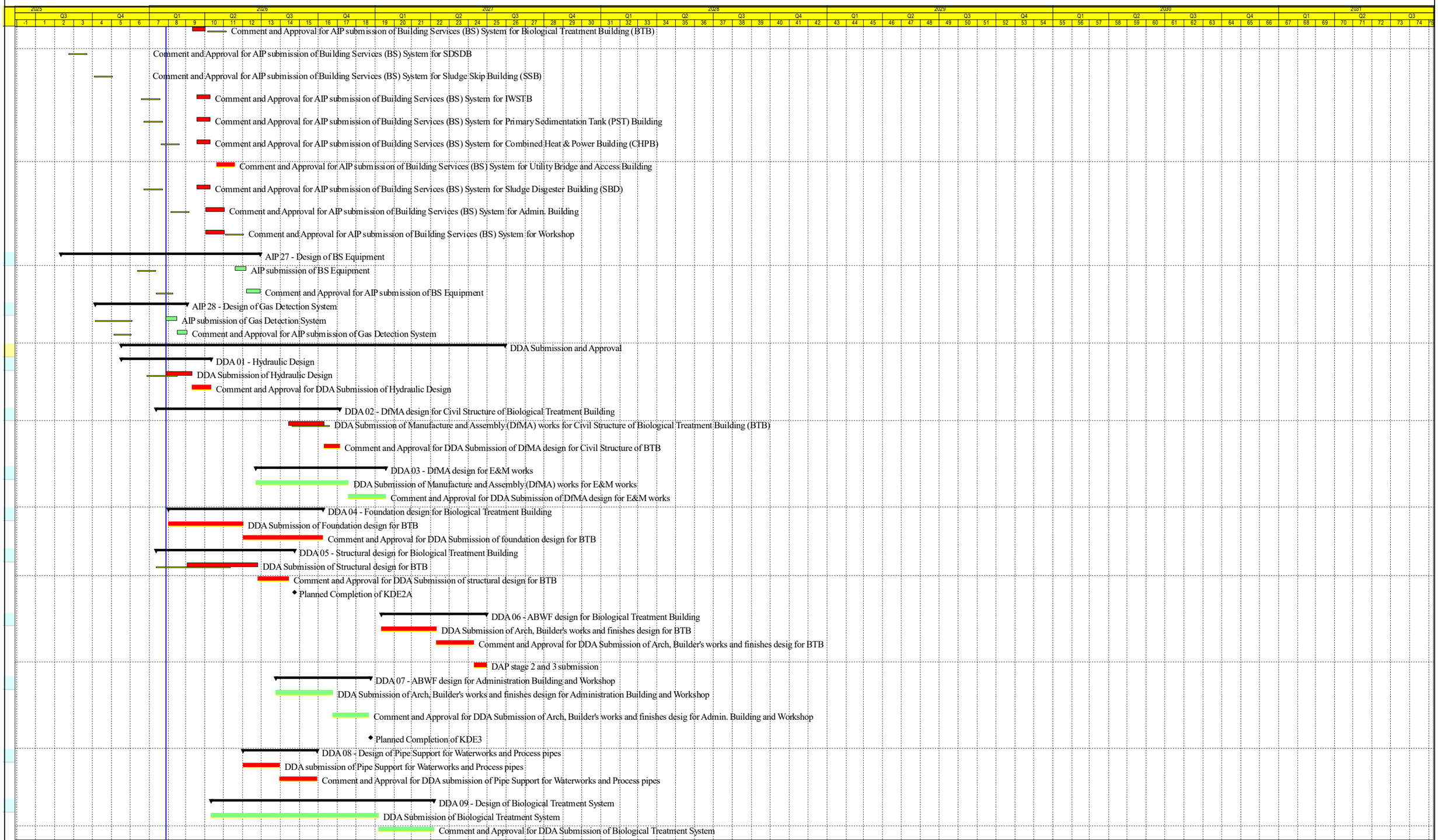
Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

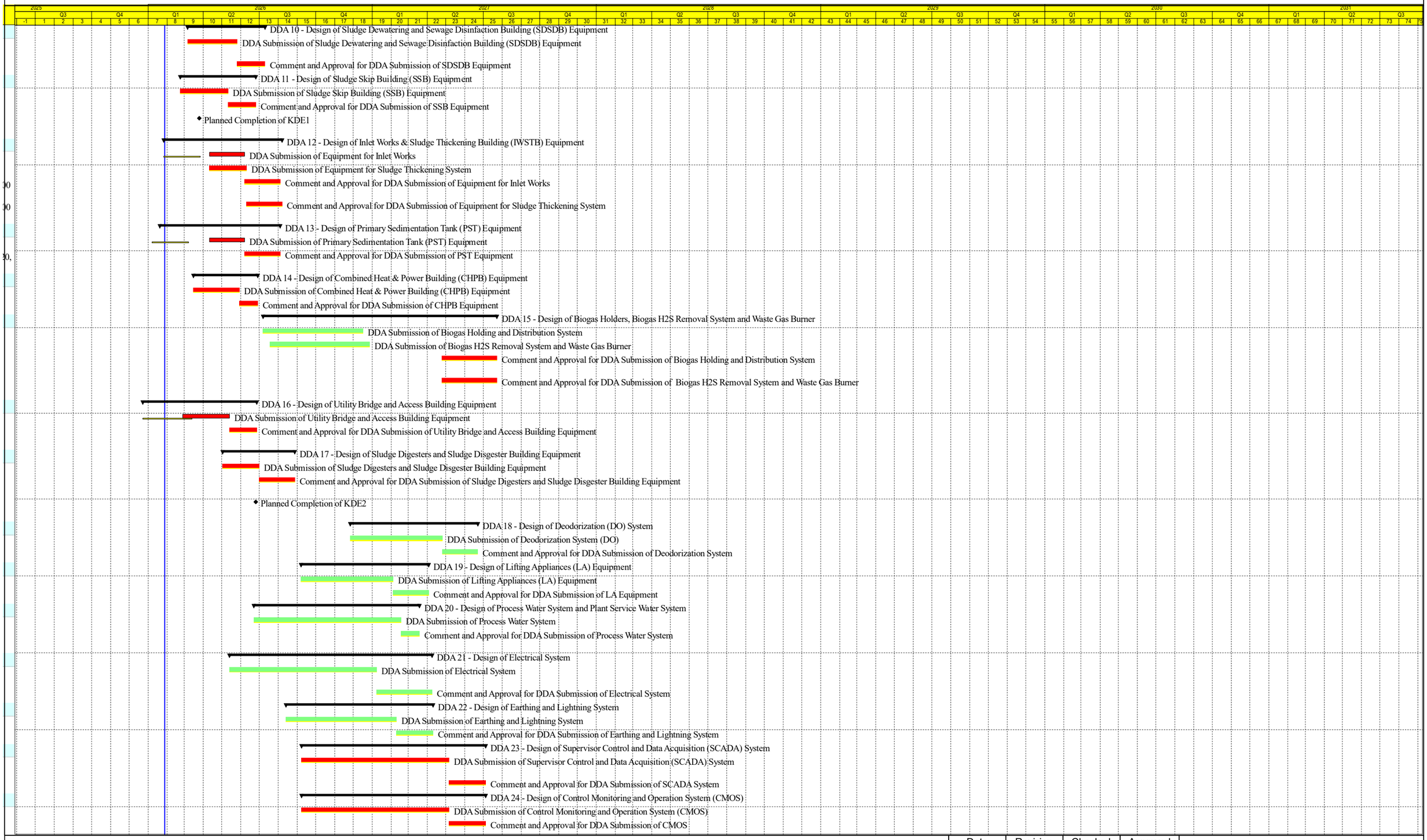
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
DDA 10 - Design of Sludge Dewatering and Sewage Disinfaction Building (SDSDB) Equipment		126			06-Mar-26	10-Jul-26	19-Nov-25	24-Mar-26	-108			
CDS-DDA-30020	DDA Submission of Sludge Dewatering and Sewage Disinfaction Building (SDSDB) Equipment	81			06-Mar-26	26-May-26	19-Nov-25	07-Feb-26	-108	0	CDS-AIP-30030	CDS-DDA-30030, PRO10020, PRO10040
CDS-DDA-30030	Comment and Approval for DDA Submission of SDSDB Equipment	45			26-May-2	10-Jul-26	08-Feb-26	24-Mar-26	-108	0	CDS-DDA-30020, CDS-AIP-30010	MSS20020, CDS-DDA-30051, CDS-DDA-60020, MSS20200
DDA 11 - Design of Sludge Skip Building (SSB) Equipment		123			22-Feb-26	25-Jun-26	22-Nov-25	24-Mar-26	-92			
CDS-DDA-30040	DDA Submission of Sludge Skip Building (SSB) Equipment	78			22-Feb-26	11-May-26	22-Nov-25	07-Feb-26	-92	0	CDS-AIP-30050	CDS-DDA-30050, PRO10020, PRO10050
CDS-DDA-30050	Comment and Approval for DDA Submission of SSB Equipment	45			11-May-2	25-Jun-26	08-Feb-26	24-Mar-26	-92	0	CDS-DDA-30040	MSS20040, CDS-DDA-30051, CDS-DDA-60020
CDS-DDA-30051	Planned Completion of KDE1	0				25-Mar-26		24-Mar-26	0	0	CDS-DDA-30030, CDS-DDA-30050, SUB20010, SUB20020, SUB20030, SUB20040, SUB20050, SUB20060, SUB20070, SUB20080, SUB20090,	
DDA 12 - Design of Inlet Works & Sludge Thickening Building (IWSTB) Equipment		193	26-Jan-26		11-Apr-26	07-Aug-26	27-Feb-26	24-Jun-26	-44			
CDS-DDA-30060	DDA Submission of Equipment for Inlet Works	60	26-Jan-26		11-Apr-26	07-Jun-26	02-Mar-26	27-Apr-26	-41	0	CDS-AIP-30070, CDS-DDA-10010	CDS-DDA-30070, PRO10020, PRO10060
CDS-DDA-30065	DDA Submission of Equipment for Sludge Thickening System	60			11-Apr-26	10-Jun-26	27-Feb-26	27-Apr-26	-44	0	CDS-DDA-10010, CDS-AIP-30075	PRO10020, PRO10060, CDS-DDA-30075
CDS-DDA-30070	Comment and Approval for DDA Submission of Equipment for Inlet Works	58			07-Jun-26	04-Aug-26	28-Apr-26	24-Jun-26	-41	0	CDS-DDA-30060	MSS20060, S1-IWSTB-10000, CDS-DDA-30171, CDS-DDA-60020, MSS20200
CDS-DDA-30075	Comment and Approval for DDA Submission of Equipment for Sludge Thickening System	58			10-Jun-26	07-Aug-26	28-Apr-26	24-Jun-26	-44	0	CDS-DDA-30065	MSS20060, S1-IWSTB-10000, CDS-DDA-30171, CDS-DDA-60020, MSS20200
DDA 13 - Design of Primary Sedimentation Tank (PST) Equipment		209	20-Jan-26		11-Apr-26	04-Aug-26	02-Mar-26	24-Jun-26	-41			
CDS-DDA-30080	DDA Submission of Primary Sedimentation Tank (PST) Equipment	60	20-Jan-26		11-Apr-26	07-Jun-26	02-Mar-26	27-Apr-26	-41	0	CDS-AIP-30090, CDS-DDA-10010	CDS-DDA-30090, PRO10020, PRO10070
CDS-DDA-30090	Comment and Approval for DDA Submission of PST Equipment	58			07-Jun-26	04-Aug-26	28-Apr-26	24-Jun-26	-41	0	CDS-DDA-30080	MSS20080, S1-PST-10000, S1-PST-10010, CDS-DDA-30171, CDS-DDA-60020, MSS20200
DDA 14 - Design of Combined Heat & Power Building (CHPB) Equipment		105			15-Mar-26	28-Jun-26	12-Mar-26	24-Jun-26	-4			
CDS-DDA-30100	DDA Submission of Combined Heat & Power Building (CHPB) Equipment	75			15-Mar-26	29-May-26	12-Mar-26	25-May-26	-4	2	CDS-AIP-30110	CDS-DDA-30110, PRO10020, PRO10080
CDS-DDA-30110	Comment and Approval for DDA Submission of CHPB Equipment	30			29-May-2	28-Jun-26	26-May-2	24-Jun-26	-4	2	CDS-DDA-30100	MSS20100, CDS-DDA-30171, CDS-DDA-60020
DDA 15 - Design of Biogas Holders, Biogas H2S Removal System and Waste Gas Burner		381			07-Jul-26	23-Jul-27	15-Oct-26	24-Jun-27	-29			
CDS-DDA-30120	DDA Submission of Biogas Holding and Distribution System	163			07-Jul-26	17-Dec-26	15-Oct-26	26-Mar-27	100	2	CDS-AIP-30130	CDS-DDA-30130, PRO10020, PRO10090
CDS-DDA-30125	DDA Submission of Biogas H2S Removal System and Waste Gas Burner	163			18-Jul-26	28-Dec-26	15-Oct-26	26-Mar-27	89	2	CDS-AIP-30135	PRO10020, PRO10090, CDS-DDA-30131
CDS-DDA-30130	Comment and Approval for DDA Submission of Biogas Holding and Distribution System	90			24-Apr-27	23-Jul-27	27-Mar-27	24-Jun-27	-29	0	CDS-DDA-30120, CDS-DDA-30132	MSS20120, CDS-DDA-60020, MSS20200
CDS-DDA-30131	Comment and Approval for DDA Submission of Biogas H2S Removal System and Waste Gas Burner	90			24-Apr-27	23-Jul-27	27-Mar-27	24-Jun-27	-29	0	CDS-DDA-30132, CDS-DDA-30125	MSS20120, CDS-DDA-60020, MSS20200
DDA 16 - Design of Utility Bridge and Access Building Equipment		186	23-Dec-25		26-Feb-26	27-Jun-26	24-Feb-26	24-Jun-26	-3			
CDS-DDA-30140	DDA Submission of Utility Bridge and Access Building Equipment	80	23-Dec-25		26-Feb-26	13-May-26	24-Feb-26	10-May-26	-3	2	CDS-AIP-30160	CDS-DDA-30150, PRO10020, PRO10100
CDS-DDA-30150	Comment and Approval for DDA Submission of Utility Bridge and Access Building Equipment	45			13-May-26	27-Jun-26	11-May-26	24-Jun-26	-3	2	CDS-DDA-30140	MSS20140, S1-UBAB-10000, S1-UBAB-10010, S1-UBAB-20020, S1-UBAB-20010, CDS-DDA-60020, CDS-DDA-30171, S1-UBAB-20021
DDA 17 - Design of Sludge Digesters and Sludge Disgester Building Equipment		118			02-May-2	28-Aug-26	27-Feb-26	24-Jun-26	-64			
CDS-DDA-30160	DDA Submission of Sludge Digesters and Sludge Disgester Building Equipment	60			02-May-2	01-Jul-26	27-Feb-26	27-Apr-26	-64	0	CDS-AIP-30180	CDS-DDA-30170, PRO10020, PRO10110
CDS-DDA-30170	Comment and Approval for DDA Submission of Sludge Digesters and Sludge Disgester Building Equipment	58			01-Jul-26	28-Aug-26	28-Apr-26	24-Jun-26	-64	0	CDS-DDA-30160	MSS20160, S1-SD1-10000, S1-SD2-10000, S1-SD3-10000, S1-SD4-10000, S1-SDB-10000, CDS-DDA-30171, CDS-DDA-60020, MSS20200
CDS-DDA-30171	Planned Completion of KDE2	0				25-Jun-26		24-Jun-26	0	0	CDS-DDA-30070, CDS-DDA-30090, CDS-DDA-30110, CDS-DDA-30170, CDS-DDA-30150, CDS-DDA-50023, CDS-DDA-50025, CDS-DDA-50026,	S1-UBAB-10000
DDA 18 - Design of Deodorization (DO) System		208			26-Nov-26	22-Jun-27	29-Nov-26	24-Jun-27	2			
CDS-DDA-30180	DDA Submission of Deodorization System (DO)	150			26-Nov-26	25-Apr-27	29-Nov-26	27-Apr-27	2	2	CDS-AIP-30200	CDS-DDA-30190, PRO10020, PRO10120
CDS-DDA-30190	Comment and Approval for DDA Submission of Deodorization System	58			25-Apr-27	22-Jun-27	28-Apr-27	24-Jun-27	2	2	CDS-DDA-30180	CDS-DDA-60020
DDA 19 - Design of Lifting Appliances (LA) Equipment		208			07-Sep-26	03-Apr-27	29-Nov-26	24-Jun-27	82			
CDS-DDA-30200	DDA Submission of Lifting Appliances (LA) Equipment	150			07-Sep-26	04-Feb-27	29-Nov-26	27-Apr-27	82	2	CDS-AIP-30220	CDS-DDA-30210, PRO10130
CDS-DDA-30210	Comment and Approval for DDA Submission of LA Equipment	58			04-Feb-27	03-Apr-27	28-Apr-27	24-Jun-27	82	2	CDS-DDA-30200	CDS-DDA-60020
DDA 20 - Design of Process Water System and Plant Service Water System		270			22-Jun-26	19-Mar-27	28-Sep-26	24-Jun-27	98			
CDS-DDA-30220	DDA Submission of Process Water System	240			22-Jun-26	17-Feb-27	28-Sep-26	25-May-27	98	2	CDS-AIP-30240, CDS-AIP-30245	CDS-DDA-30230, PRO10020, PRO10140
CDS-DDA-30230	Comment and Approval for DDA Submission of Process Water System	30			17-Feb-27	19-Mar-27	26-May-27	24-Jun-27	98	2	CDS-DDA-30220	CDS-DDA-60020, S1-BTB-20060, S1-CHP-10050, S1-SDSDB-10040, S1-IWSTB-10030, S1-PST-10060, S1-SDB-10030
DDA 21 - Design of Electrical System		330			13-May-2	08-Apr-27	30-Jun-26	24-Jun-27	77			
CDS-DDA-40000	DDA Submission of Electrical System	240			13-May-26	08-Jan-27	30-Jun-26	24-Feb-27	47	2	CDS-AIP-40010	CDS-DDA-40010, PRO20000, PRO20010, PRO20020, PRO20030, CDS-AIP-40012
CDS-DDA-40010	Comment and Approval for DDA Submission of Electrical System	90			08-Jan-27	08-Apr-27	27-Mar-27	24-Jun-27	77	2	CDS-DDA-40000	CDS-DDA-60020
DDA 22 - Design of Earthing and Lightning System		240			13-Aug-26	10-Apr-27	28-Oct-26	24-Jun-27	75			
CDS-DDA-40020	DDA Submission of Earthing and Lightning System	180			13-Aug-26	09-Feb-27	28-Oct-26	25-Apr-27	75	2	CDS-AIP-40030	CDS-DDA-40030, PRO20040
CDS-DDA-40030	Comment and Approval for DDA Submission of Earthing and Lightning System	60			09-Feb-27	10-Apr-27	26-Apr-27	24-Jun-27	75	2	CDS-DDA-40020	CDS-DDA-60020, S1-BTB-10070
DDA 23 - Design of Supervisor Control and Data Acquisition (SCADA) System		300			08-Sep-26	05-Jul-27	29-Aug-26	24-Jun-27	-10			
CDS-DDA-40040	DDA Submission of Supervisor Control and Data Acquisition (SCADA) System	240			08-Sep-26	06-May-27	29-Aug-26	25-Apr-27	-10	2	CDS-AIP-40050	CDS-DDA-40050, PRO20040
CDS-DDA-40050	Comment and Approval for DDA Submission of SCADA System	60			06-May-2	05-Jul-27	26-Apr-27	24-Jun-27	-10	2	CDS-DDA-40040	CDS-DDA-60020, S1-ABWS-10060
DDA 24 - Design of Control Monitoring and Operation System (CMOS)		300			08-Sep-26	05-Jul-27	29-Aug-26	24-Jun-27	-10			
CDS-DDA-40060	DDA Submission of Control Monitoring and Operation System (CMOS)	240			08-Sep-26	06-May-27	29-Aug-26	25-Apr-27	-10	0	CDS-AIP-40070	CDS-DDA-40070, PRO20040
CDS-DDA-40070	Comment and Approval for DDA Submission of CMOS	60			06-May-2	05-Jul-27	26-Apr-27	24-Jun-27	-10	0	CDS-DDA-40060	CDS-DDA-60020

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
S.

Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
DDA 25 - Design of Process Instrumentation System (PIS) and Digital Twin System		300			03-Oct-26	30-Jul-27	29-Aug-26	24-Jun-27	-35			
CDS-DDA-40080	DDA Submission of Process Instrumentation System (PIS) and Digital Twin System	240			03-Oct-26	31-May-27	29-Aug-26	25-Apr-27	-35	0	CDS-AIP-40090	CDS-DDA-40090, PRO20040
CDS-DDA-40090	Comment and Approval for DDA Submission of Process Instrumentation System (PIS) and Digital Twin System	60			31-May-27	30-Jul-27	26-Apr-27	24-Jun-27	-35	0	CDS-DDA-40080	CDS-DDA-60020
DDA 26 - Design of Building Services (BS) System (incl. MVAC, PD, FS & ELV)		300	29-Dec-25		28-Jan-26	27-Oct-26	06-Dec-25	24-Dec-26	59			
CDS-DDA-50000	DDA Submission of Building Services (BS) System for Biological Treatment Building (BTB)	120			02-Apr-26	30-Jul-26	29-Mar-26	26-Jul-26	-4	0	CDS-AIP-50021	CDS-DDA-50200, CDS-DDA-50020
CDS-DDA-50001	DDA Submission of Building Services (BS) System for SDSDB	90	30-Dec-25		28-Jan-26	18-Apr-26	06-Dec-25	24-Feb-26	-53	0	CDS-AIP-50022	CDS-DDA-50200, CDS-DDA-50021
CDS-DDA-50002	DDA Submission of Building Services (BS) System for Sludge Skip Building (SSB)	30	29-Dec-25		26-Feb-26	25-Mar-26	29-Jan-26	24-Feb-26	-29	0	CDS-AIP-50023	CDS-DDA-50200, CDS-DDA-50022
CDS-DDA-50003	DDA Submission of Building Services (BS) System for IWSTB	60			24-Apr-26	23-Jun-26	29-Mar-26	27-May-26	-27	0	CDS-AIP-50024	CDS-DDA-50200, CDS-DDA-50023
CDS-DDA-50004	DDA Submission of Building Services (BS) System for Primary Sedimentation Tank (PST) Building	60			24-Apr-26	23-Jun-26	29-Mar-26	27-May-26	-27	0	CDS-AIP-50025	CDS-DDA-50200, CDS-DDA-50024
CDS-DDA-50005	DDA Submission of Building Services (BS) System for Combined Heat & Power Building (CHPB)	60			09-Apr-26	08-Jun-26	29-Mar-26	27-May-26	-12	0	CDS-AIP-50026	CDS-DDA-50200, CDS-DDA-50025
CDS-DDA-50006	DDA Submission of Building Services (BS) System for Utility Bridge and Access Building	60			20-May-26	18-Jul-26	29-Mar-26	27-May-26	-52	0	CDS-AIP-50027	CDS-DDA-50200, CDS-DDA-50026
CDS-DDA-50007	DDA Submission of Building Services (BS) System for Sludge Disgester Building (SBD)	60			09-Apr-26	08-Jun-26	29-Mar-26	27-May-26	-12	0	CDS-AIP-50028	CDS-DDA-50200, CDS-DDA-50027
CDS-DDA-50008	DDA Submission of Building Services (BS) System for Admin. Building	60			31-Jul-26	29-Sep-26	28-Sep-26	26-Nov-26	59	2	CDS-AIP-50029	CDS-DDA-50200, CDS-DDA-50028
CDS-DDA-50009	DDA Submission of Building Services (BS) System for Workshop	60			31-Jul-26	29-Sep-26	28-Sep-26	26-Nov-26	59	2	CDS-AIP-50030	CDS-DDA-50200, CDS-DDA-50029
CDS-DDA-50020	Comment and Approval for DDA Submission of BS System for Biological Treatment Building (BTB)	28			31-Jul-26	27-Aug-26	27-Jul-26	23-Aug-26	-4	0	CDS-DDA-50000	MSS20180, CDS-DDA-60020, CDS-DDA-20071
CDS-DDA-50021	Comment and Approval for DDA Submission of BS System for SDSDB	28			19-Apr-26	16-May-26	25-Feb-26	24-Mar-26	-53	0	CDS-DDA-50001	MSS20180, CDS-DDA-60020, CDS-DDA-30051
CDS-DDA-50022	Comment and Approval for DDA Submission of BS System for Sludge Skip Building (SSB)	28			25-Mar-26	22-Apr-26	25-Feb-26	24-Mar-26	-29	0	CDS-DDA-50002	MSS20180, CDS-DDA-60020, CDS-DDA-30051
CDS-DDA-50023	Comment and Approval for DDA Submission of BS System for IWSTB	28			23-Jun-26	21-Jul-26	28-May-2	24-Jun-26	-27	0	CDS-DDA-50003	MSS20180, CDS-DDA-60020, CDS-DDA-30171
CDS-DDA-50024	Comment and Approval for DDA Submission of BS System for Primary Sedimentation Tank (PST) Building	28			23-Jun-26	21-Jul-26	28-May-26	24-Jun-26	-27	0	CDS-DDA-50004	MSS20180, CDS-DDA-60020, CDS-DDA-30171
CDS-DDA-50025	Comment and Approval for DDA Submission of BS System for Combined Heat & Power Building (CHPB)	28			08-Jun-26	06-Jul-26	28-May-26	24-Jun-26	-12	0	CDS-DDA-50005	MSS20180, CDS-DDA-60020, CDS-DDA-30171
CDS-DDA-50026	Comment and Approval for DDA Submission of BS System for Utility Bridge and Access Building	28			19-Jul-26	15-Aug-26	28-May-26	24-Jun-26	-52	0	CDS-DDA-50006	MSS20180, CDS-DDA-60020, CDS-DDA-30171
CDS-DDA-50027	Comment and Approval for DDA Submission of BS System for Sludge Disgester Building (SBD)	28			08-Jun-26	06-Jul-26	28-May-26	24-Jun-26	-12	0	CDS-DDA-50007	MSS20180, CDS-DDA-60020, CDS-DDA-30171
CDS-DDA-50028	Comment and Approval for DDA Submission of BS System for Admin. Building	28			29-Sep-26	27-Oct-26	27-Nov-26	24-Dec-26	59	2	CDS-DDA-50008	MSS20180, CDS-DDA-60020, CDS-DDA-20111
CDS-DDA-50029	Comment and Approval for DDA Submission of BS System for Workshop	28			29-Sep-26	27-Oct-26	27-Nov-26	24-Dec-26	59	2	CDS-DDA-50009	MSS20180, CDS-DDA-60020, CDS-DDA-20111
DDA 27 - Design of BS Equipment		150			29-Sep-26	26-Feb-27	06-Jan-27	04-Jun-27	99			
CDS-DDA-50200	DDA Submission of BS Equipment	120			29-Sep-26	27-Jan-27	06-Jan-27	05-May-27	99	2	CDS-AIP-50210, CDS-DDA-50000, CDS-DDA-50001, CDS-DDA-50002, CDS-DDA-50003, CDS-DDA-50004, CDS-DDA-50005, CDS-DDA-50006,	CDS-DDA-50210, PRO30000
CDS-DDA-50210	Comment and Approval for DDA Submission of BS Equipment	30			27-Jan-27	26-Feb-27	06-May-2	04-Jun-27	99	2	CDS-DDA-50200	MSS20180, CDS-DDA-60020, CDS-DDA-50120
DDA 28 - Design of Gas Detection System		478			03-Mar-26	25-Jun-27	29-Aug-26	24-Jun-27	0			
CDS-DDA-60000	DDA Submission of Gas Detection System	240			03-Mar-26	29-Oct-26	29-Aug-26	25-Apr-27	178	2	CDS-AIP-60010	CDS-DDA-60010, PRO20040
CDS-DDA-60010	Comment and Approval for DDA Submission of Gas Detection System	60			29-Oct-26	28-Dec-26	26-Apr-27	24-Jun-27	178	2	CDS-DDA-60000	CDS-DDA-60020
CDS-DDA-60020	Planned Completion of KDE4	0				25-Jun-27		24-Jun-27	0	0	CDS10040, CDS-DDA-10010, CDS-DDA-20010, CDS-DDA-20030, CDS-DDA-20050, CDS-DDA-20070, CDS-DDA-20110, CDS-DDA-30010,	CGS20020
Major Temporary Works Design		389	08-Dec-25		03-Sep-26	31-Dec-26	03-Aug-27	30-Nov-27	334			
CDST10000	ELS design for foundation excavation works for BTB	30	08-Dec-25		09-Oct-26	05-Nov-26	13-Aug-27	08-Sep-27	308	3	SUB20040, SUB20000, CDS-DDA-20050	CDST10010
CDST10010	Comment for ELS design for foundation excavation works for BTB	14			05-Nov-26	19-Nov-26	09-Sep-27	22-Sep-27	308	3	CDST10000	CDST10020
CDST10020	Resubmission of ELS design for foundation excavation works for BTB	28			19-Nov-26	17-Dec-26	23-Sep-27	20-Oct-27	308	3	CDST10010	CDST10030
CDST10030	Approval of ELS design for foundation excavation works for BTB	14			17-Dec-26	31-Dec-26	21-Oct-27	03-Nov-27	308	3	CDST10020	S1-BTB-10050
CDST10040	Design for Tower Cranes including foundation works	120			03-Sep-26	31-Dec-26	03-Aug-27	30-Nov-27	334	3	SUB20000	MSS10040, S1-BTB-10080
Statutory Submission		569	02-Jan-26		02-Apr-26	23-Jul-27	01-Apr-26	24-Jun-27	-29			
CDS-AIP-30140	Application of EMSD Notifiable Gas Installation (NGI)	90			18-Jul-26	16-Oct-26	20-Jun-26	17-Sep-26	-29	0	CDS-AIP-30130, CDS-AIP-30135	CDS-DDA-30132
CDS-AIP-30250	Submission to WSD for application of water supply for Process Water System and Plant Service Water System	60	02-Jan-26		22-Jun-26	18-Aug-26	31-Oct-26	26-Dec-26	131	3	CDS-AIP-30240, CDS-AIP-30245	CDS-DDA-30231
CDS-AIP-50100	Submission of General Building Plan (GBP) to FSD	250	02-Jan-26		20-May-26	12-Jan-27	10-Jul-26	04-Mar-27	52	2	CDS-AIP-50021, CDS-AIP-50022, CDS-AIP-50023, CDS-AIP-50024, CDS-AIP-50025, CDS-AIP-50026, CDS-AIP-50027, CDS-AIP-50028,	CDS-DDA-50100
CDS-AIP-50110	Application for Dangerous Goods (DG) Licence to FSD	180			02-Apr-26	28-Sep-26	28-Jun-26	24-Dec-26	87	2	CDS-AIP-50021	CDS-DDA-50110
CDS-AIP-50120	Submission of Elevator Form LE5 to EMSD	150			29-Jun-26	26-Nov-26	09-Aug-26	05-Jan-27	41	2	CDS-AIP-50210, CDS-AIP-50021, CDS-AIP-50022, CDS-AIP-50029, CDS-AIP-50030	CDS-DDA-50120
CDS-AIP-50130	Submission to WSD for application of water supply for FS system	240			20-May-26	14-Jan-27	01-May-26	26-Dec-26	-19	0	CDS-AIP-50021, CDS-AIP-50022, CDS-AIP-50023, CDS-AIP-50024, CDS-AIP-50025, CDS-AIP-50026, CDS-AIP-50027, CDS-AIP-50028,	CDS-DDA-50130

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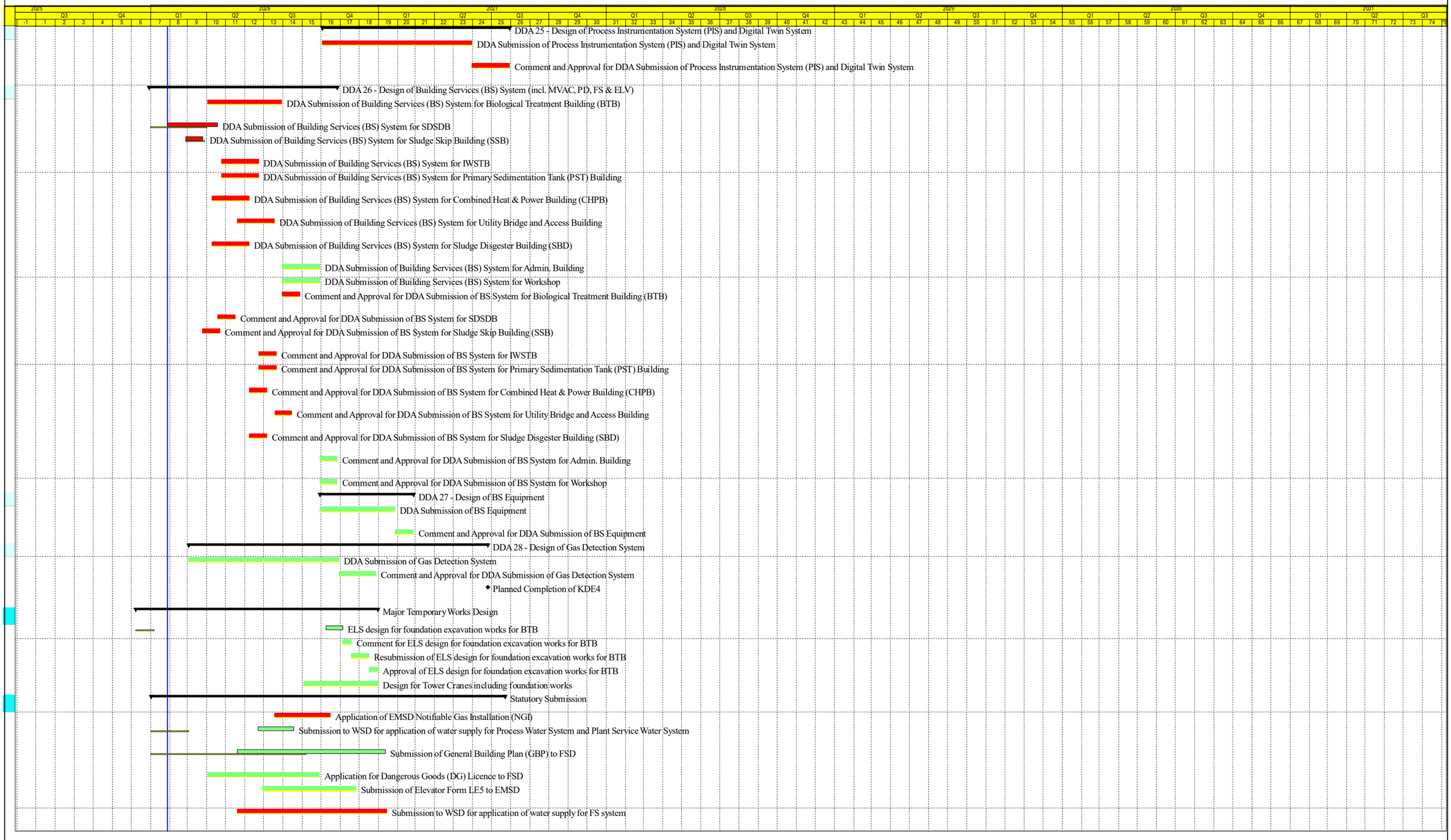

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The Government of the Hong Kong Special Administrative Region

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Updated Programme (as of 28-01-2026)

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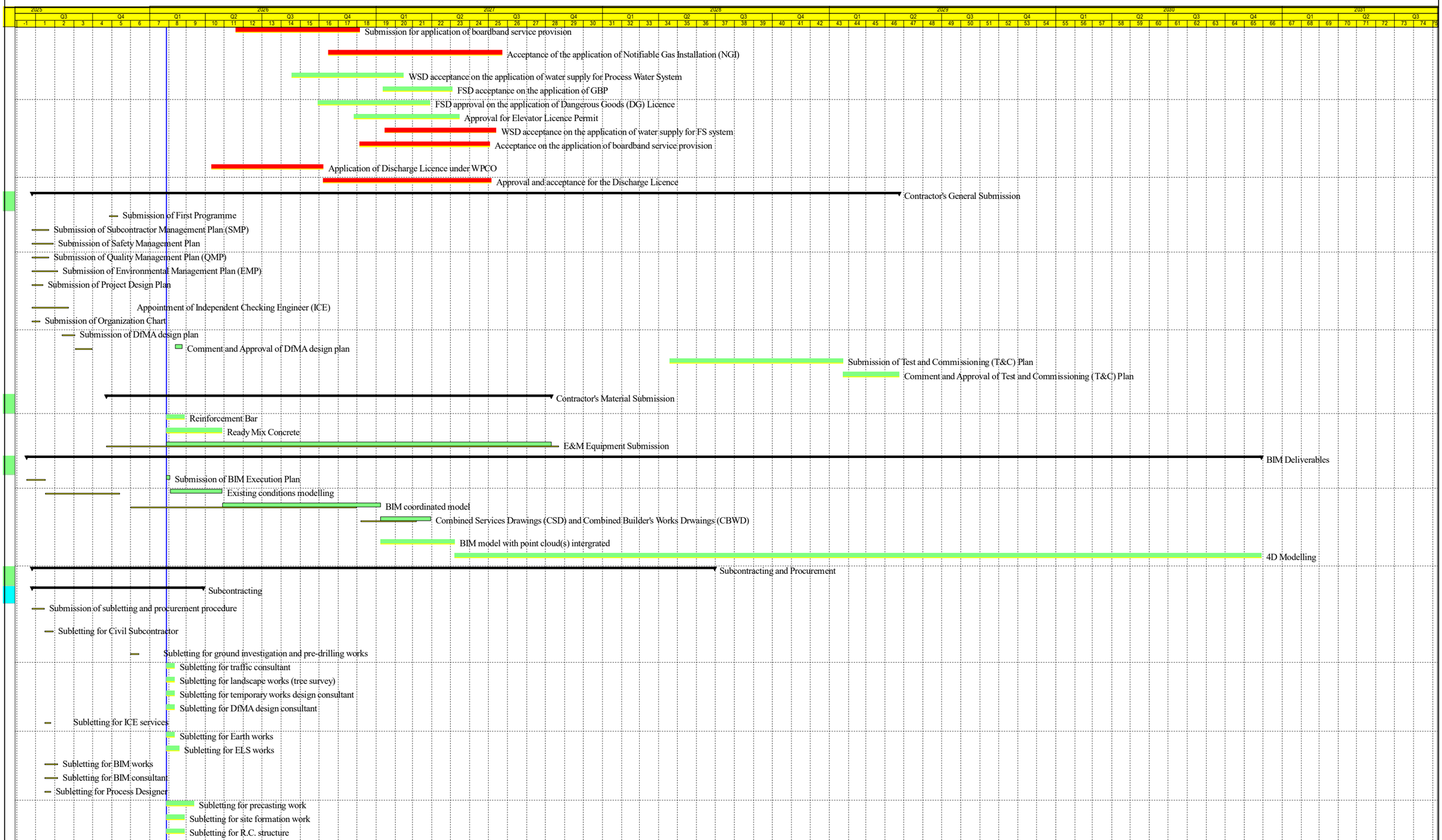
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
CDS-AIP-50140	Submission for application of boardband service provision	200			20-May-26	05-Dec-26	11-May-26	26-Nov-26	-9	3	CDS-AIP-50021, CDS-AIP-50022, CDS-AIP-50023, CDS-AIP-50024, CDS-AIP-50025, CDS-AIP-50026, CDS-AIP-50027, CDS-AIP-50028,	CDS-DDA-50140
CDS-DDA-30132	Acceptance of the application of Notifiable Gas Installation (NGI)	280			16-Oct-26	23-Jul-27	18-Sep-26	24-Jun-27	-29	0	CDS-AIP-30140	CDS-DDA-60020, S1-BIOH-20000, S1-BIOH-20020, S1-BIOH-20040, CDS-DDA-30130, CDS-DDA-30131
CDS-DDA-30231	WSD acceptance on the application of water supply for Process Water System	180			18-Aug-26	14-Feb-27	27-Dec-26	24-Jun-27	131	3	CDS-AIP-30250	CDS-DDA-60020, S1-SCT-10080
CDS-DDA-50100	FSD acceptance on the application of GBP	112			12-Jan-27	04-May-27	05-Mar-27	24-Jun-27	52	2	CDS-AIP-50100	CDS-DDA-60020, S1-SCT-10100
CDS-DDA-50110	FSD approval on the application of Dangerous Goods (DG) Licence	182			29-Sep-26	29-Mar-27	25-Dec-26	24-Jun-27	87	2	CDS-AIP-50110	CDS-DDA-60020, S1-SCT-10090
CDS-DDA-50120	Approval for Elevator Licence Permit	170			26-Nov-26	15-May-27	06-Jan-27	24-Jun-27	41	2	CDS-AIP-50120, CDS-DDA-50210	CDS-DDA-60020, S1-BTB-20071
CDS-DDA-50130	WSD acceptance on the application of water supply for FS system	180			15-Jan-27	13-Jul-27	27-Dec-26	24-Jun-27	-19	0	CDS-AIP-50130	CDS-DDA-60020, S1-SCT-10080
CDS-DDA-50140	Acceptance on the application of boardband service provision	210			06-Dec-26	03-Jul-27	27-Nov-26	24-Jun-27	-9	3	CDS-AIP-50140	CDS-DDA-60020, S1-SCT-10000, S1-SCT-10001, S1-SCT-10010, S1-SCT-10011, S1-SCT-10020, S1-SCT-10030, S1-SCT-10040, S1-SCT-10050,
CDS10060	Application of Discharge Licence under WPCO	180			11-Apr-26	08-Oct-26	01-Apr-26	27-Sep-26	-11	2	CDS10020, CDS10040, CDS-DDA-10010	CDS10070
CDS10070	Approval and acceptance for the Discharge Licence	270			08-Oct-26	05-Jul-27	28-Sep-26	24-Jun-27	-11	2	CDS10060	CDS-DDA-60020
Contractor's General Submission		1399	25-Jun-25		28-Jan-26	23-Apr-29	03-Sep-25	23-Jan-30	276			
CGS10000	Submission of First Programme	14	25-Jun-25	08-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CGS10010	Submission of Subcontractor Management Plan (SMP)	28	25-Jun-25	22-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CGS10020	Submission of Safety Management Plan	35	25-Jun-25	29-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CGS10030	Submission of Quality Management Plan (QMP)	28	25-Jun-25	22-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CGS10040	Submission of Environmental Management Plan (EMP)	42	25-Jun-25	05-Aug-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CGS10050	Submission of Project Design Plan	18	25-Jun-25	12-Jul-25	28-Jan-26	28-Jan-26	03-Sep-25	03-Sep-25		0	PCC10010	CDS10020, CDS10050, CDS-AIP-10000, CDS-AIP-20000, CDS-AIP-20020, CDS-AIP-20040, CDS-AIP-20060, CDS-AIP-20080, CDS-AIP-20100,
CGS10060	Appointment of Independent Checking Engineer (ICE)	60	25-Jun-25	03-Dec-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	SUB20060
CGS10080	Submission of Organization Chart	14	25-Jun-25	08-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CGS20000	Submission of DfMA design plan	21	13-Aug-25	02-Sep-25	10-Feb-26	10-Feb-26	21-May-2	21-May-26		0	SUB20050	CGS20010
CGS20010	Comment and Approval of DfMA design plan	28	25-Aug-25		11-Feb-26	22-Feb-26	21-May-2	01-Jun-26	100	0	CGS20000	CDS-AIP-20000, CDS-AIP-20020
CGS20020	Submission of Test and Commissioning (T&C) Plan	280			18-Apr-28	23-Jan-29	19-Jan-29	25-Oct-29	276	0	CDS-DDA-60020, MSS20210	CGS20030
CGS20030	Comment and Approval of Test and Commissioning (T&C) Plan	90			23-Jan-29	23-Apr-29	26-Oct-29	23-Jan-30	276	0	CGS20020	S1-BTB-20080, S1-CHP-10070, S1-UBAB-20030, S1-SDSDB-10070, S1-SSB-10020, S1-IWSTB-10050, S1-PST-10090, S1-SD1-10050,
Contractor's Material Submission		730	23-Oct-25		28-Jan-26	10-Oct-27	13-Aug-29	25-Apr-31	1294			
CMS10000	Reinforcement Bar	30			28-Jan-26	26-Feb-26	27-Mar-31	25-Apr-31	1884	0	SUB20000	
CMS10010	Ready Mix Concrete	90			28-Jan-26	27-Apr-26	26-Jan-31	25-Apr-31	1824	0	SUB20000	
CMS10020	E&M Equipment Submission	730	23-Oct-25		28-Jan-26	10-Oct-27	13-Aug-29	25-Apr-31	1294	0	PCC10010	
BIM Deliverables		1991	17-Jun-25		28-Jan-26	28-Nov-30	18-Mar-26	29-Jan-31	63			
BIM10000	Submission of BIM Execution Plan	30	17-Jun-25		28-Jan-26	02-Feb-26	18-Mar-26	24-Mar-26	50	2	PCC10000	BIM10010, BIM10020, BIM10030
BIM10010	Existing conditions modelling	120	17-Jul-25		03-Feb-26	27-Apr-26	24-Mar-26	16-Jun-26	50	2	BIM10000	BIM10020
BIM10020	BIM coordinated model	365	01-Dec-25		28-Apr-26	08-Jan-27	16-Jun-26	26-Feb-27	50	2	BIM10000, BIM10010	BIM10030, BIM10050, BIM10040
BIM10030	Combined Services Drawings (CSD) and Combined Builder's Works Drwaings (CBWD)	90	07-Dec-26		08-Jan-27	30-Mar-27	20-Apr-27	09-Jul-27	102	2	BIM10000, BIM10020	BIM10050
BIM10040	BIM model with point cloud(s) intergrated	120			08-Jan-27	08-May-27	12-Mar-27	09-Jul-27	63	2	BIM10020	BIM10050
BIM10050	4D Modelling	1300			08-May-2	28-Nov-30	10-Jul-27	29-Jan-31	63	2	BIM10020, BIM10030, BIM10040	S210000
Subcontracting and Procurement		1101	25-Jun-25		28-Jan-26	30-Jun-28	03-Sep-25	11-Dec-29	530			
Subcontracting		277	25-Jun-25		28-Jan-26	28-Mar-26	03-Sep-25	05-Nov-28	953			
SUB10000	Submission of subletting and procurement procedure	21	25-Jun-25	15-Jul-25	28-Jan-26	28-Jan-26	03-Sep-25	03-Sep-25		0	PCC10010	SUB20010, SUB20020, SUB20030, SUB20050, SUB20040, SUB20060, SUB20070, SUB20080, SUB20090, SUB20100, SUB20110, SUB20120,
SUB20000	Subletting for Civil Subcontractor	14	16-Jul-25	29-Jul-25	28-Jan-26	28-Jan-26	15-Nov-25	15-Nov-25		0	SUB10000	SUB20010, SUB20020, SUB20030, SUB20040, SUB20050, SUB20070, SUB20080, SUB20120, SUB20130, SUB20140, SUB20150, SUB20160,
SUB20010	Subletting for ground investigation and pre-drilling works	14	01-Dec-25	15-Jan-26	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		2	SUB10000, SUB20000	MSS10000, CDS-DDA-30051
SUB20020	Subletting for traffic consultant	14			28-Jan-26	10-Feb-26	11-Mar-26	24-Mar-26	42	2	SUB10000, SUB20000	CDS-DDA-30051
SUB20030	Subletting for landscape works (tree survey)	14			28-Jan-26	10-Feb-26	11-Mar-26	24-Mar-26	42	2	SUB10000, SUB20000	CDS-DDA-30051
SUB20040	Subletting for temporary works design consultant	14			28-Jan-26	10-Feb-26	11-Mar-26	24-Mar-26	42	2	SUB10000, SUB20000	CDST10000, CDS-DDA-30051
SUB20050	Subletting for DfMA design consultant	14			28-Jan-26	10-Feb-26	11-Mar-26	24-Mar-26	42	2	SUB10000, SUB20000	CGS20000, CDS-DDA-30051
SUB20060	Subletting for ICE services	10	14-Aug-25	23-Aug-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		2	SUB10000, CGS10060	CDS-DDA-30051
SUB20070	Subletting for Earth works	14			28-Jan-26	10-Feb-26	11-Mar-26	24-Mar-26	42	2	SUB10000, SUB20000	CDS-DDA-30051
SUB20080	Subletting for ELS works	21			28-Jan-26	17-Feb-26	04-Mar-26	24-Mar-26	35	2	SUB10000, SUB20000	MSS10020, S1-BTB-10000, S1-BIOH-10050, CDS-DDA-30051
SUB20090	Subletting for BIM works	21	16-Jul-25	05-Aug-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		2	SUB10000	CDS-DDA-30051
SUB20100	Subletting for BIM consultant	21	16-Jul-25	05-Aug-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		2	SUB10000	CDS-DDA-30051
SUB20110	Subletting for Process Designer	10	16-Jul-25	25-Jul-25	28-Jan-26	28-Jan-26	03-Sep-25	03-Sep-25		0	SUB10000	CDS10020, CDS-AIP-10000, CDS-AIP-30000
SUB20120	Subletting for precasting work	45			28-Jan-26	13-Mar-26	08-Feb-26	24-Mar-26	11	2	SUB10000, SUB20000	PFW00000, CDS-DDA-30051
SUB20130	Subletting for site formation work	30			28-Jan-26	26-Feb-26	23-Feb-26	24-Mar-26	26	2	SUB10000, SUB20000	CDS-DDA-30051
SUB20140	Subletting for R.C. structure	30			28-Jan-26	26-Feb-26	23-Feb-26	24-Mar-26	26	2	SUB10000, SUB20000	CDS-DDA-30051

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
S.

Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

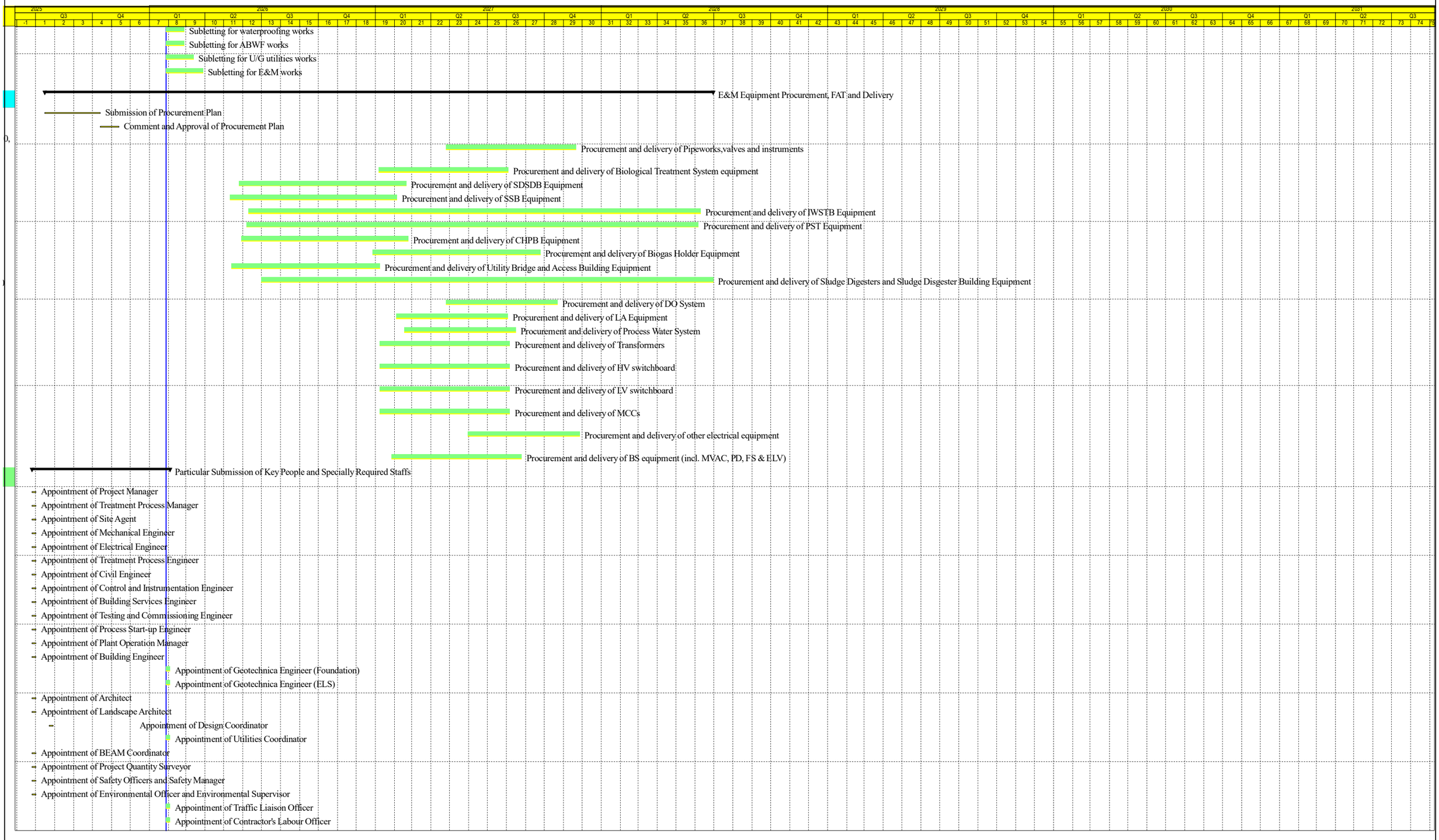
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
SUB20150	Subletting for waterproofing works	30			28-Jan-26	26-Feb-26	23-Feb-26	24-Mar-26	26	2	SUB10000, SUB20000	CDS-DDA-30051
SUB20160	Subletting for ABWF works	30			28-Jan-26	26-Feb-26	23-Feb-26	24-Mar-26	26	2	SUB10000, SUB20000	S1-BTB-30000, S1-ABWS-10040, S1-ABWS-10050, CDS-DDA-30051
SUB20170	Subletting for U/G utilities works	45			28-Jan-26	13-Mar-26	08-Feb-26	24-Mar-26	11	2	SUB10000, SUB20000	CDS-DDA-20120, CDS-DDA-30051
SUB20180	Subletting for E&M works	60			28-Jan-26	28-Mar-26	07-Sep-28	05-Nov-28	953	2	SUB10000	S1-ABWS-10000, S1-ABWS-10020, S1-BTB-20000, S1-BTB-20060, S1-SDSDB-10000, S1-SSB-10000, S1-CHP-10000, S1-CHP-10020,
E&M Equipment Procurement, FAT and Delivery		1080	16-Jul-25		28-Jan-26	30-Jun-28	01-Feb-27	11-Dec-29	530			
PRO00000	Submission of Procurement Plan	90	16-Jul-25	13-Oct-25	28-Jan-26	28-Jan-26	01-Feb-27	01-Feb-27		1	SUB10000	PRO00010
PRO00010	Comment and Approval of Procurement Plan	30	14-Oct-25	12-Nov-25	28-Jan-26	28-Jan-26	01-Feb-27	01-Feb-27		1	PRO00000	S1-BTB-20080, S1-ABWS-10030, S1-ABWS-10010, S1-SDB-10050, S1-SD4-10050, S1-SD3-10050, S1-SD2-10050, S1-SD1-10050,
PRO10020	Procurement and delivery of Pipeworks,valves and instruments	210			25-Apr-27	21-Nov-27	15-May-28	10-Dec-28	385	2	CDS-DDA-30000, CDS-DDA-30020, CDS-DDA-30040, CDS-DDA-30060, CDS-DDA-30080, CDS-DDA-30100, CDS-DDA-30120, CDS-DDA-30140,	S1-BTB-20060
PRO10030	Procurement and delivery of Biological Treatment System equipment	210			06-Jan-27	04-Aug-27	10-Apr-28	05-Nov-28	460	2	SUB10000, CDS-DDA-30000, PRO00010	S1-BTB-20000
PRO10040	Procurement and delivery of SDSDB Equipment	270			26-May-2	20-Feb-27	23-Mar-28	18-Dec-28	667	2	SUB10000, CDS-DDA-30020, PRO00010	S1-SDSDB-10000
PRO10050	Procurement and delivery of SSB Equipment	270			11-May-2	05-Feb-27	14-Dec-28	09-Sep-29	948	1	SUB10000, CDS-DDA-30040, PRO00010	S1-SSB-10000
PRO10060	Procurement and delivery of IWSTB Equipment	730			10-Jun-26	09-Jun-28	26-Sep-27	24-Sep-29	473	2	SUB10000, CDS-DDA-30060, PRO00010, CDS-DDA-30065	S1-IWSTB-10000
PRO10070	Procurement and delivery of PST Equipment	730			07-Jun-26	06-Jun-28	26-Sep-27	24-Sep-29	476	2	SUB10000, CDS-DDA-30080, PRO00010	S1-PST-10000, S1-PST-10010
PRO10080	Procurement and delivery of CHPB Equipment	270			29-May-2	23-Feb-27	21-Feb-28	16-Nov-28	632	2	SUB10000, CDS-DDA-30100, PRO00010	S1-CHP-10000, S1-CHP-10020
PRO10090	Procurement and delivery of Biogas Holder Equipment	270			28-Dec-26	24-Sep-27	17-Mar-29	11-Dec-29	810	2	SUB10000, CDS-DDA-30120, PRO00010, CDS-DDA-30125	S1-BIOH-20000, S1-BIOH-20020, S1-BIOH-20040
PRO10100	Procurement and delivery of Utility Bridge and Access Building Equipment	240			13-May-2	08-Jan-27	01-Feb-27	28-Sep-27	264	2	SUB10000, CDS-DDA-30140, PRO00010	S1-UBAB-10010, S1-UBAB-20020, S1-UBAB-20010, S1-UBAB-20021
PRO10110	Procurement and delivery of Sludge Digesters and Sludge Disgester Building Equipment	730			01-Jul-26	30-Jun-28	26-Sep-27	24-Sep-29	452	2	SUB10000, CDS-DDA-30160, PRO00010	S1-SD1-10000, S1-SD2-10000, S1-SD3-10000, S1-SD4-10000, S1-SDB-10000
PRO10120	Procurement and delivery of DO System	180			25-Apr-27	22-Oct-27	14-Jun-28	10-Dec-28	415	2	SUB10000, CDS-DDA-30180, PRO00010	S1-BTB-20060
PRO10130	Procurement and delivery of LA Equipment	180			04-Feb-27	03-Aug-27	14-Jun-28	10-Dec-28	495	2	SUB10000, CDS-DDA-30200, PRO00010	S1-BTB-20060
PRO10140	Procurement and delivery of Process Water System	180			17-Feb-27	16-Aug-27	14-Jun-28	10-Dec-28	483	2	SUB10000, CDS-DDA-30220, PRO00010	S1-BTB-20060
PRO20000	Procurement and delivery of Transformers	210			08-Jan-27	06-Aug-27	15-May-28	10-Dec-28	492	2	SUB10000, CDS-DDA-40000, PRO00010	S1-BTB-20060, S1-CHP-10050, S1-SDSDB-10040, S1-IWSTB-10030, S1-PST-10060, S1-SDB-10030
PRO20010	Procurement and delivery of HV switchboard	210			08-Jan-27	06-Aug-27	15-May-28	10-Dec-28	492	2	SUB10000, CDS-DDA-40000, PRO00010	S1-BTB-20060, S1-CHP-10050, S1-SDSDB-10040, S1-IWSTB-10030, S1-PST-10060, S1-SDB-10030
PRO20020	Procurement and delivery of LV switchboard	210			08-Jan-27	06-Aug-27	15-May-28	10-Dec-28	492	2	SUB10000, CDS-DDA-40000, PRO00010	S1-BTB-20060, S1-CHP-10050, S1-SDSDB-10040, S1-IWSTB-10030, S1-PST-10060, S1-SDB-10030
PRO20030	Procurement and delivery of MCCs	210			08-Jan-27	06-Aug-27	15-May-28	10-Dec-28	492	2	SUB10000, CDS-DDA-40000, PRO00010	S1-BTB-20060, S1-CHP-10050, S1-SDSDB-10040, S1-IWSTB-10030, S1-PST-10060, S1-SDB-10030
PRO20040	Procurement and delivery of other electrical equipment	180			31-May-27	27-Nov-27	14-Jun-28	10-Dec-28	380	2	SUB10000, CDS-DDA-40020, CDS-DDA-40040, CDS-DDA-40060, CDS-DDA-40080, PRO00010, CDS-DDA-60000	S1-BTB-20060, S1-CHP-10050, S1-SDSDB-10040, S1-IWSTB-10030, S1-PST-10060, S1-SDB-10030
PRO30000	Procurement and delivery of BS equipment (incl. MVAC, PD, FS & ELV)	210			27-Jan-27	25-Aug-27	29-Aug-28	26-Mar-29	580	2	SUB10000, CDS-DDA-50200, PRO00010	S1-BTB-20070, S1-SDSDB-10050, S1-CHP-10060
Particular Submission of Key People and Specially Required Staffs		224	25-Jun-25		28-Jan-26	03-Feb-26	18-Mar-26	24-Mar-26	49			
CKP10000	Appointment of Project Manager	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10010	Appointment of Treatment Process Manager	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10020	Appointment of Site Agent	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10030	Appointment of Mechanical Engineer	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10040	Appointment of Electrical Engineer	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10050	Appointment of Treatment Process Engineer	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10060	Appointment of Civil Engineer	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10070	Appointment of Control and Instrumentation Engineer	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10080	Appointment of Building Services Engineer	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10090	Appointment of Testing and Commissioning Engineer	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10100	Appointment of Process Start-up Engineer	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10110	Appointment of Plant Operation Manager	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10120	Appointment of Building Engineer	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10130	Appointment of Geotechnica Engineer (Foundation)	7			28-Jan-26	03-Feb-26	18-Mar-26	24-Mar-26	49	0	PCC10010	CDS-DDA-30051
CKP10140	Appointment of Geotechnica Engineer (ELS)	7			28-Jan-26	03-Feb-26	18-Mar-26	24-Mar-26	49	0	PCC10010	CDS-DDA-30051
CKP10150	Appointment of Architect	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10160	Appointment of Landscape Architect	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10170	Appointment of Design Coordinator	7	23-Jul-25	08-Dec-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10180	Appointment of Utilities Coordinator	7			28-Jan-26	03-Feb-26	18-Mar-26	24-Mar-26	49	0	PCC10010	CDS-DDA-30051
CKP10190	Appointment of BEAM Coordinator	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10200	Appointment of Project Quantity Surveyor	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10210	Appointment of Safety Officers and Safety Manager	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10220	Appointment of Environmental Officer and Environmental Supervisor	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10230	Appointment of Traffic Liaison Officer	7			28-Jan-26	03-Feb-26	18-Mar-26	24-Mar-26	49	0	PCC10010	CDS-DDA-30051
CKP10240	Appointment of Contractor's Labour Officer	7			28-Jan-26	03-Feb-26	18-Mar-26	24-Mar-26	49	0	PCC10010	CDS-DDA-30051

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

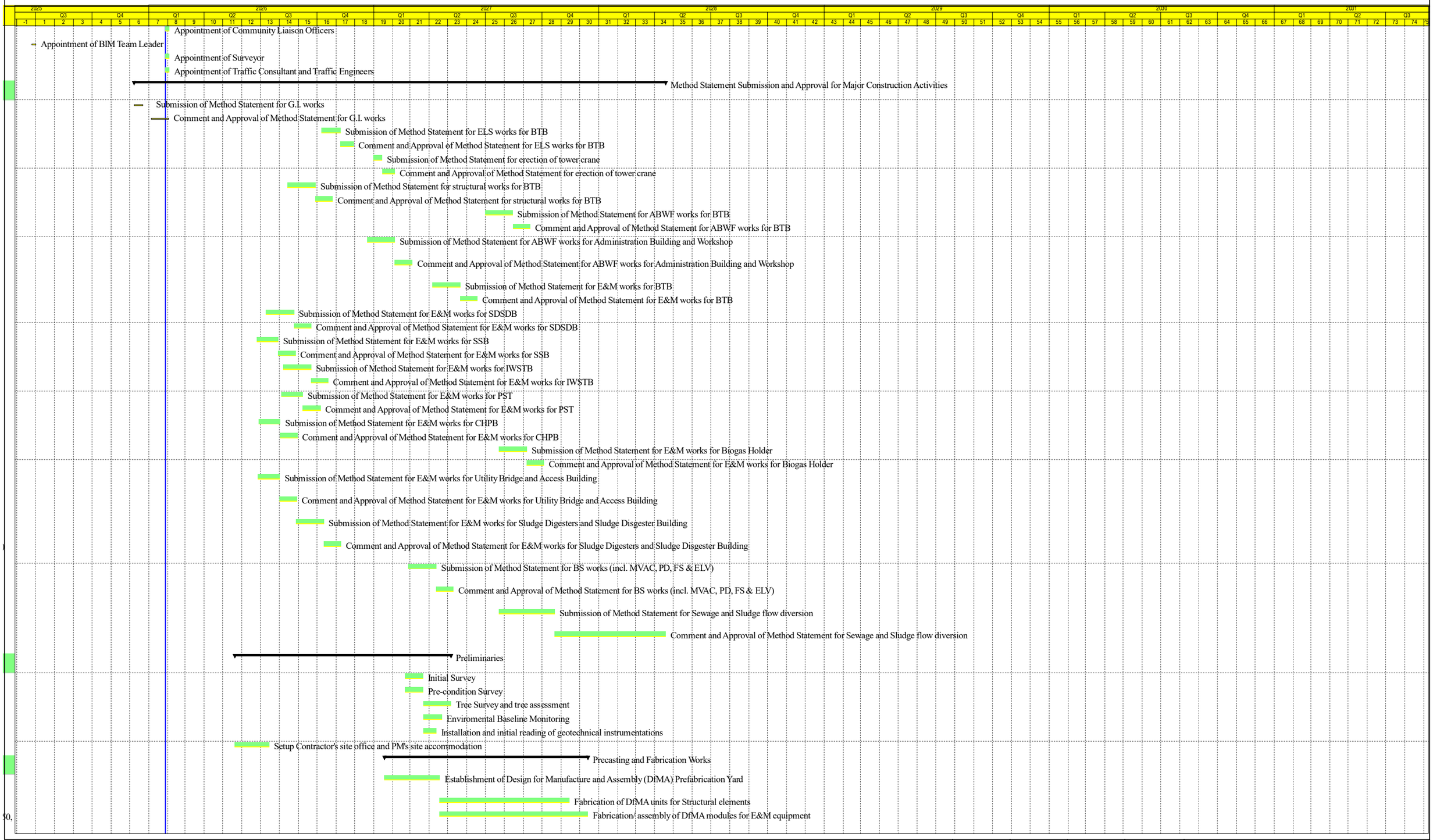
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
CKP10250	Appointment of Community Liaison Officers	7			28-Jan-26	03-Feb-26	18-Mar-26	24-Mar-26	49	0	PCC10010	CDS-DDA-30051
CKP10260	Appointment of BIM Team Leader	7	25-Jun-25	01-Jul-25	28-Jan-26	28-Jan-26	24-Mar-26	24-Mar-26		0	PCC10010	CDS-DDA-30051
CKP10270	Appointment of Surveyor	7			28-Jan-26	03-Feb-26	18-Mar-26	24-Mar-26	49	0	PCC10010	CDS-DDA-30051
CKP10280	Appointment of Traffic Consultant and Traffic Engineers	7			28-Jan-26	03-Feb-26	18-Mar-26	24-Mar-26	49	0	PCC10010	CDS-DDA-30051
Method Statement Submission and Approval for Major Construction Activ		862	08-Dec-25		28-Jan-26	18-Apr-28	22-Feb-27	10-Jun-30	784			
MSS10000	Submission of Method Statement for G.I. works	14	08-Dec-25	05-Jan-26	28-Jan-26	28-Jan-26	22-Feb-27	22-Feb-27		2	SUB20010	MSS10010
MSS10010	Comment and Approval of Method Statement for G.I. works	28	05-Jan-26	05-Jan-26	28-Jan-26	28-Jan-26	22-Feb-27	22-Feb-27		2	MSS10000	S1-BTB-10000
MSS10020	Submission of Method Statement for ELS works for BTB	30			09-Oct-26	08-Nov-26	14-Sep-27	13-Oct-27	340	2	SUB20080, CDS-DDA-20050	MSS10030
MSS10030	Comment and Approval of Method Statement for ELS works for BTB	21			08-Nov-26	29-Nov-26	14-Oct-27	03-Nov-27	340	2	MSS10020	S1-BTB-10050
MSS10040	Submission of Method Statement for erection of tower crane	14			01-Jan-27	14-Jan-27	01-Dec-27	14-Dec-27	334	2	CDST10040	MSS10050
MSS10050	Comment and Approval of Method Statement for erection of tower crane	21			15-Jan-27	04-Feb-27	15-Dec-27	04-Jan-28	334	2	MSS10040	S1-BTB-10080
MSS10060	Submission of Method Statement for structural works for BTB	45			14-Aug-26	28-Sep-26	03-Jan-28	16-Feb-28	507	2	CDS-DDA-20070	MSS10070
MSS10070	Comment and Approval of Method Statement for structural works for BTB	28			28-Sep-26	26-Oct-26	17-Feb-28	15-Mar-28	507	2	MSS10060	S1-BTB-10090, S1-BTB-10100
MSS10080	Submission of Method Statement for ABWF works for BTB	45			01-Jul-27	14-Aug-27	30-Mar-30	13-May-30	1003	2	CDS-DDA-20091	MSS10090
MSS10090	Comment and Approval of Method Statement for ABWF works for BTB	28			15-Aug-27	11-Sep-27	14-May-3	10-Jun-30	1003	2	MSS10080	S1-BTB-30000
MSS10100	Submission of Method Statement for ABWF works for Administration Building and Workshop	45			21-Dec-26	04-Feb-27	06-Aug-29	19-Sep-29	958	2	CDS-DDA-20110	MSS10110
MSS10110	Comment and Approval of Method Statement for ABWF works for Administration Building and Workshop	28			04-Feb-27	04-Mar-27	20-Sep-29	17-Oct-29	958	2	MSS10100	S1-ABWS-10000, S1-ABWS-10020, S1-ABWS-10040, S1-ABWS-10050
MSS20000	Submission of Method Statement for E&M works for BTB	45			06-Apr-27	21-May-27	25-Aug-28	08-Oct-28	507	2	CDS-DDA-30010	MSS20010
MSS20010	Comment and Approval of Method Statement for E&M works for BTB	28			21-May-2	18-Jun-27	09-Oct-28	05-Nov-28	507	2	MSS20000	S1-BTB-20000
MSS20020	Submission of Method Statement for E&M works for SDSDB	45			10-Jul-26	24-Aug-26	06-Oct-28	20-Nov-28	819	2	CDS-DDA-30030	MSS20030
MSS20030	Comment and Approval of Method Statement for E&M works for SDSDB	28			24-Aug-26	21-Sep-26	20-Nov-28	18-Dec-28	819	2	MSS20020	S1-SDSDB-10000
MSS20040	Submission of Method Statement for E&M works for SSB	35			25-Jun-26	30-Jul-26	09-Jul-29	12-Aug-29	1110	2	CDS-DDA-30050	MSS20050
MSS20050	Comment and Approval of Method Statement for E&M works for SSB	28			30-Jul-26	27-Aug-26	13-Aug-29	09-Sep-29	1110	2	MSS20040	S1-SSB-10000
MSS20060	Submission of Method Statement for E&M works for IWSTB	45			07-Aug-26	21-Sep-26	14-Jul-29	27-Aug-29	1072	2	CDS-DDA-30070, CDS-DDA-30075	MSS20070
MSS20070	Comment and Approval of Method Statement for E&M works for IWSTB	28			21-Sep-26	19-Oct-26	28-Aug-29	24-Sep-29	1072	2	MSS20060	S1-IWSTB-10000
MSS20080	Submission of Method Statement for E&M works for PST	35			04-Aug-26	08-Sep-26	24-Jul-29	27-Aug-29	1085	2	CDS-DDA-30090	MSS20090
MSS20090	Comment and Approval of Method Statement for E&M works for PST	28			08-Sep-26	06-Oct-26	28-Aug-29	24-Sep-29	1085	2	MSS20080	S1-PST-10000, S1-PST-10010
MSS20100	Submission of Method Statement for E&M works for CHPB	35			28-Jun-26	02-Aug-26	15-Sep-28	19-Oct-28	809	2	CDS-DDA-30110	MSS20110
MSS20110	Comment and Approval of Method Statement for E&M works for CHPB	28			02-Aug-26	30-Aug-26	20-Oct-28	16-Nov-28	809	2	MSS20100	S1-CHP-10000, S1-CHP-10020
MSS20120	Submission of Method Statement for E&M works for Biogas Holder	45			23-Jul-27	06-Sep-27	14-Jul-29	27-Aug-29	722	2	CDS-DDA-30130, CDS-DDA-30131	MSS20130
MSS20130	Comment and Approval of Method Statement for E&M works for Biogas Holder	28			06-Sep-27	04-Oct-27	28-Aug-29	24-Sep-29	722	2	MSS20120	S1-BIOH-20000, S1-BIOH-10050, S1-BIOH-20020, S1-BIOH-20040
MSS20140	Submission of Method Statement for E&M works for Utility Bridge and Access Building	35			27-Jun-26	01-Aug-26	28-Jul-27	31-Aug-27	396	2	CDS-DDA-30150	MSS20150
MSS20150	Comment and Approval of Method Statement for E&M works for Utility Bridge and Access Building	28			01-Aug-26	29-Aug-26	01-Sep-27	28-Sep-27	396	2	MSS20140	S1-UBAB-10010, S1-UBAB-20020, S1-UBAB-20010, S1-UBAB-20021
MSS20160	Submission of Method Statement for E&M works for Sludge Digesters and Sludge Disgester Building	45			28-Aug-26	12-Oct-26	14-Jul-29	27-Aug-29	1051	2	CDS-DDA-30170	MSS20170
MSS20170	Comment and Approval of Method Statement for E&M works for Sludge Digesters and Sludge Disgester Building	28			12-Oct-26	09-Nov-26	28-Aug-29	24-Sep-29	1051	2	MSS20160	S1-SD1-10000, S1-SD2-10000, S1-SD3-10000, S1-SD4-10000, S1-SDB-10000
MSS20180	Submission of Method Statement for BS works (incl. MVAC, PD, FS & ELV)	45			26-Feb-27	12-Apr-27	17-Oct-29	30-Nov-29	964	2	CDS-DDA-50210, CDS-DDA-50020, CDS-DDA-50021, CDS-DDA-50022, CDS-DDA-50023, CDS-DDA-50024, CDS-DDA-50025, CDS-DDA-50026,	MSS20190
MSS20190	Comment and Approval of Method Statement for BS works (incl. MVAC, PD, FS & ELV)	28			12-Apr-27	10-May-27	01-Dec-29	28-Dec-29	964	2	MSS20180	S1-CHP-10060
MSS20200	Submission of Method Statement for Sewage and Sludge flow diversion	90			23-Jul-27	21-Oct-27	24-Apr-28	22-Jul-28	276	2	CDS-DDA-20130, CDS-DDA-30010, CDS-DDA-30030, CDS-DDA-30070, CDS-DDA-30090, CDS-DDA-30130, CDS-DDA-30170, CDS-DDA-30075,	MSS20210
MSS20210	Comment and Approval of Method Statement for Sewage and Sludge flow diversion	180			21-Oct-27	18-Apr-28	23-Jul-28	18-Jan-29	276	2	MSS20200	CGS20020
Preliminaries		351			21-May-26	06-May-27	30-Apr-27	25-Apr-31	1450			
PRE00000	Initial Survey	30			21-Feb-27	22-Mar-27	10-Feb-31	11-Mar-31	1450	2	SUB20000, ACD10030	PRE00020, PRE00040
PRE00010	Pre-condition Survey	30			21-Feb-27	22-Mar-27	10-Feb-31	11-Mar-31	1450	1	SUB20000, ACD10030	PRE00020, PRE00030, PRE00040
PRE00020	Tree Survey and tree assessment	45			23-Mar-27	06-May-27	12-Mar-31	25-Apr-31	1450	1	PRE00000, PRE00010	
PRE00030	Enviromental Baseline Monitoring	30			23-Mar-27	21-Apr-27	27-Mar-31	25-Apr-31	1465	2	PRE00010	
PRE00040	Installation and initial reading of geotechnical instrumentations	21			23-Mar-27	12-Apr-27	05-Apr-31	25-Apr-31	1474	2	PRE00000, PRE00010	
PRE00050	Setup Contractor's site office and PM's site accommodation	56			21-May-2	15-Jul-26	30-Apr-27	24-Jun-27	344	0	PCC10010, ACD10000	CDS-DDA-60020
Precasting and Fabrication Works		330			18-Jan-27	14-Dec-27	21-May-27	05-Nov-28	328			
PFW00000	Establishment of Design for Manufacture and Assembly (DfMA) Prefabrication Yard	90			18-Jan-27	18-Apr-27	21-May-27	18-Aug-27	123	1	SUB20120, CDS-DDA-20010, CDS-DDA-20030	PFW00010, PFW00020
PFW00010	Fabrication of DfMA units for Structural elements	210			18-Apr-27	14-Nov-27	19-Aug-27	15-Mar-28	123	1	PFW00000, CDS-DDA-20010	S1-BTB-10090, S1-BTB-10100
PFW00020	Fabrication/ assembly of DfMA modules for E&M equipment	240			18-Apr-27	14-Dec-27	11-Mar-28	05-Nov-28	328	1	CDS-DDA-20030, PFW00000	S1-BTB-20000, S1-BTB-20010, S1-BTB-20020, S1-BTB-20040, S1-BTB-20050, S1-SDSDB-10000, S1-IWSTB-10000, S1-BIOH-20090,

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

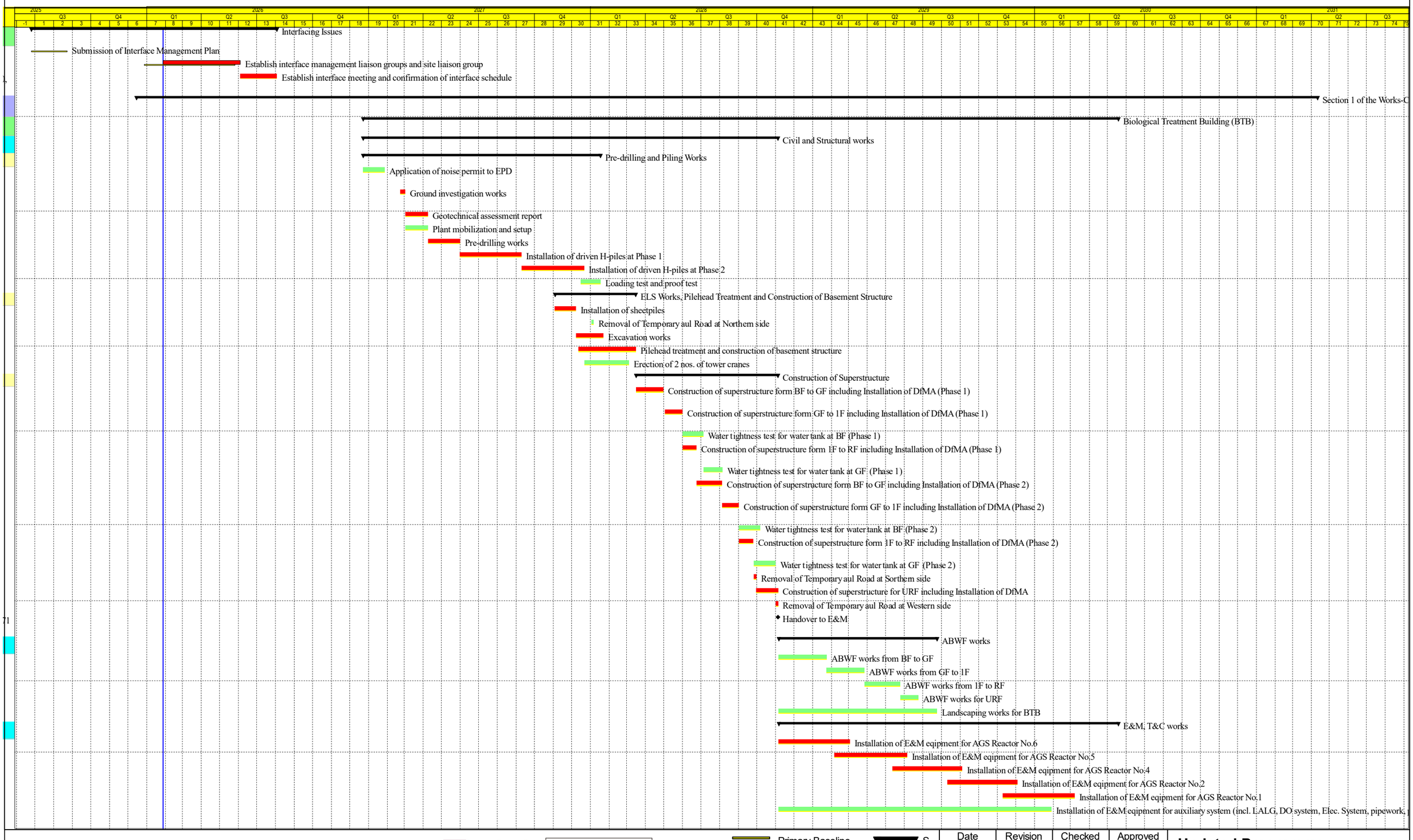
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
Interfacing Issues		405	25-Jun-25		28-Jan-26	03-Aug-26	14-Nov-25	20-May-26	-75			
ITF10000	Submission of Interface Management Plan	60	25-Jun-25	23-Aug-25	28-Jan-26	28-Jan-26	14-Nov-25	14-Nov-25		2	PCC10010	ITF10010
ITF10010	Establish interface management liaison groups and site liaison group	150	24-Aug-25		28-Jan-26	04-Jun-26	14-Nov-25	21-Mar-26	-75	0	ITF10000	ITF10020
ITF10020	Establish interface meeting and confirmation of interface schedule	60			04-Jun-26	03-Aug-26	22-Mar-26	20-May-26	-75	0	ITF10010	S1-UBAB-10000, ACD10000, ACD10010, ACD10020, ACD10030, ACD10040, ACD10050, ACD10060, ACD10070, ACD10080, ACD10090,
Section 1 of the Works-Completion of All Works except the Works in		1834	15-Dec-25		29-Mar-26	11-Apr-31	19-May-26	25-Apr-31	15			
Biological Treatment Building (BTB)		1243			23-Dec-26	18-May-30	16-Jan-27	25-Apr-31	342			
Civil and Structural works		552			23-Dec-26	04-Nov-28	16-Jan-27	25-Apr-31	729			
Pre-drilling and Piling Works		315			23-Dec-26	17-Jan-28	16-Jan-27	25-Apr-31	966			
S1-BTB-00000	Application of noise permit to EPD	28			23-Dec-26	27-Jan-27	16-Jan-27	20-Feb-27	18	2	ACD10030, ACD10040, ACD10050, ACD10060, ACD10070, ACD10080, ACD10090	S1-BTB-10000
S1-BTB-10000	Ground investigation works	8			22-Feb-27	02-Mar-27	22-Feb-27	02-Mar-27	0	0	MSS10010, SUB20080, ACD10030, ACD10040, ACD10050, ACD10060, ACD10070, ACD10080, ACD10090, CDS-DDA-20010, S1-BTB-00000	S1-BTB-10010, S1-BTB-10005, S1-BTB-10001
S1-BTB-10001	Geotechnical assessment report	28			03-Mar-27	08-Apr-27	03-Mar-27	08-Apr-27	0	0	S1-BTB-10000	S1-BTB-10010
S1-BTB-10005	Plant mobilization and setup	28			03-Mar-27	08-Apr-27	27-Apr-27	31-May-27	43	0	S1-BTB-10000	S1-BTB-10030, S1-BTB-10035
S1-BTB-10010	Pre-drilling works	43			09-Apr-27	31-May-27	09-Apr-27	31-May-27	0	0	S1-BTB-10000, S1-BTB-10001	S1-BTB-10030
S1-BTB-10030	Installation of driven H-piles at Phase 1	85			01-Jun-27	09-Sep-27	01-Jun-27	09-Sep-27	0	0	S1-BTB-10005, S1-BTB-10010	S1-BTB-10035
S1-BTB-10035	Installation of driven H-piles at Phase 2	85			10-Sep-27	21-Dec-27	10-Sep-27	21-Dec-27	0	0	S1-BTB-10005, S1-BTB-10030	S1-BTB-10040, S1-BTB-10050, S1-BTB-10080
S1-BTB-10040	Loading test and proof test	25			16-Dec-27	17-Jan-28	24-Mar-31	25-Apr-31	966	2	S1-BTB-10035	
ELS Works, Pilehead Treatment and Construction of Basement Structure		108			04-Nov-27	15-Mar-28	04-Nov-27	15-Mar-28	0			
S1-BTB-10050	Installation of sheetpiles	30			04-Nov-27	08-Dec-27	04-Nov-27	08-Dec-27	0	0	MSS10030, CDST10030, S1-BTB-10035	S1-BTB-10060
S1-BTB-10051	Removal of Temporary aul Road at Northern side	4			03-Jan-28	06-Jan-28	11-Mar-28	15-Mar-28	56	2	S1-BTB-10060	S1-BTB-10090, S1-BTB-10100
S1-BTB-10060	Excavation works	36			09-Dec-27	22-Jan-28	09-Dec-27	22-Jan-28	0	0	S1-BTB-10050	S1-BTB-10070, S1-BTB-10051
S1-BTB-10070	Pilehead treatment and construction of basement structure	75			13-Dec-27	15-Mar-28	13-Dec-27	15-Mar-28	0	0	S1-BTB-10060, CDS-DDA-40030	S1-BTB-10090, S1-BTB-10100
S1-BTB-10080	Erection of 2 nos. of tower cranes	58			22-Dec-27	04-Mar-28	05-Jan-28	15-Mar-28	9	2	CDST10040, MSS10050, S1-BTB-10035	S1-BTB-10090, S1-BTB-10100
Construction of Superstructure		190			16-Mar-28	04-Nov-28	16-Mar-28	04-Nov-28	0			
S1-BTB-10090	Construction of superstructure form BF to GF including Installation of DfMA (Phase 1)	35			16-Mar-28	29-Apr-28	16-Mar-28	29-Apr-28	0	0	S1-BTB-10080, CDS-DDA-20010, PFW00010, MSS10070, S1-BTB-10070, S1-BTB-10051	S1-BTB-10091
S1-BTB-10091	Construction of superstructure form GF to 1F including Installation of DfMA (Phase 1)	24			03-May-28	31-May-28	03-May-28	31-May-28	0	0	S1-BTB-10090	S1-BTB-10093, S1-BTB-10092
S1-BTB-10092	Water tightness test for water tank at BF (Phase 1)	28			01-Jun-28	04-Jul-28	29-Aug-28	29-Sep-28	75	2	S1-BTB-10091	S1-BTB-10230, S1-BTB-10094
S1-BTB-10093	Construction of superstructure form 1F to RF including Installation of DfMA (Phase 1)	20			01-Jun-28	23-Jun-28	01-Jun-28	23-Jun-28	0	0	S1-BTB-10091	S1-BTB-10100, S1-BTB-10210
S1-BTB-10094	Water tightness test for water tank at GF (Phase 1)	28			05-Jul-28	05-Aug-28	30-Sep-28	04-Nov-28	75	2	S1-BTB-10092	S1-BTB-10230
S1-BTB-10100	Construction of superstructure form BF to GF including Installation of DfMA (Phase 2)	35			24-Jun-28	04-Aug-28	24-Jun-28	04-Aug-28	0	0	S1-BTB-10080, CDS-DDA-20010, PFW00010, MSS10070, S1-BTB-10070, S1-BTB-10051, S1-BTB-10093	S1-BTB-10101
S1-BTB-10101	Construction of superstructure form GF to 1F including Installation of DfMA (Phase 2)	24			05-Aug-28	01-Sep-28	05-Aug-28	01-Sep-28	0	0	S1-BTB-10100	S1-BTB-10102, S1-BTB-10103
S1-BTB-10102	Water tightness test for water tank at BF (Phase 2)	28			02-Sep-28	06-Oct-28	30-Sep-28	04-Nov-28	24	2	S1-BTB-10101	S1-BTB-10230
S1-BTB-10103	Construction of superstructure form 1F to RF including Installation of DfMA (Phase 2)	20			02-Sep-28	25-Sep-28	02-Sep-28	25-Sep-28	0	0	S1-BTB-10101	S1-BTB-10210, S1-BTB-10104, S1-BTB-10200
S1-BTB-10104	Water tightness test for water tank at GF (Phase 2)	28			26-Sep-28	31-Oct-28	30-Sep-28	04-Nov-28	4	2	S1-BTB-10103	S1-BTB-10230
S1-BTB-10200	Removal of Temporary aul Road at Sorthern side	4			26-Sep-28	29-Sep-28	26-Sep-28	29-Sep-28	0	0	S1-BTB-10103	S1-BTB-10230, S1-BTB-10210
S1-BTB-10210	Construction of superstructure for URF including Installation of DfMA	28			30-Sep-28	04-Nov-28	30-Sep-28	04-Nov-28	0	0	S1-BTB-10103, S1-BTB-10093, S1-BTB-10200	S1-BTB-10230, S1-BTB-30040, S1-BTB-10220, S1-BTB-10220
S1-BTB-10220	Removal of Temporary aul Road at Western side	4			01-Nov-28	04-Nov-28	01-Nov-28	04-Nov-28	0	0	S1-BTB-10210, S1-BTB-10210	S1-BTB-10230, S1-BTB-10230
S1-BTB-10230	Handover to E&M	0				04-Nov-28		04-Nov-28	0	0	S1-BTB-10210, S1-BTB-10102, S1-BTB-10104, S1-BTB-10200, S1-BTB-10220, S1-BTB-10092, S1-BTB-10094, S1-BTB-10220	S1-BTB-20000, S1-BTB-20060, S1-BTB-20070, S1-BTB-30000, S1-BTB-20071
ABWF works		210			06-Nov-28	24-Jul-29	11-Jun-30	10-Apr-31	509			
S1-BTB-30000	ABWF works from BF to GF	65			06-Nov-28	23-Jan-29	11-Jun-30	26-Aug-30	469	3	SUB20160, MSS10090, S1-BTB-10230	S1-BTB-30010
S1-BTB-30010	ABWF works from GF to 1F	50			24-Jan-29	26-Mar-29	27-Aug-30	26-Oct-30	469	3	S1-BTB-30000	S1-BTB-30020
S1-BTB-30020	ABWF works from 1F to RF	45			27-Mar-29	24-May-29	28-Oct-30	18-Dec-30	469	3	S1-BTB-30010	S1-BTB-30030
S1-BTB-30030	ABWF works for URF	25			25-May-2	23-Jun-29	19-Dec-30	20-Jan-31	469	3	S1-BTB-30020	S1-SCT-20000
S1-BTB-30040	Landscaping works for BTB	210			06-Nov-28	24-Jul-29	29-Jul-30	10-Apr-31	509	3	S1-BTB-10210	S1-PCT-20000
E&M, T&C works		559			06-Nov-28	18-May-30	06-Nov-28	10-Apr-31	327			
S1-BTB-20000	Installation of E&M eqipment for AGS Reactor No.6	95			06-Nov-28	02-Mar-29	06-Nov-28	02-Mar-29	0	0	PRO10030, SUB20180, MSS20010, PFW00020, S1-BTB-10230	S1-BTB-20010
S1-BTB-20010	Installation of E&M eqipment for AGS Reactor No.5	95			05-Feb-29	05-Jun-29	05-Feb-29	05-Jun-29	0	0	S1-BTB-20000, PFW00020	S1-BTB-20020
S1-BTB-20020	Installation of E&M eqipment for AGS Reactor No.4	95			12-May-2	03-Sep-29	12-May-2	03-Sep-29	0	0	S1-BTB-20010, PFW00020	S1-BTB-20040
S1-BTB-20040	Installation of E&M eqipment for AGS Reactor No.2	95			11-Aug-29	03-Dec-29	11-Aug-29	03-Dec-29	0	0	PFW00020, S1-BTB-20020	S1-BTB-20050
S1-BTB-20050	Installation of E&M eqipment for AGS Reactor No.1	95			10-Nov-29	07-Mar-30	10-Nov-29	07-Mar-30	0	0	S1-BTB-20040, PFW00020	S1-BTB-20080
S1-BTB-20060	Installation of E&M eqipment for auxiliary system (incl. LALG, DO system, Elec. System, pipework, penstocks, etc.)	365			06-Nov-28	28-Jan-30	11-Dec-28	07-Mar-30	30	3	PRO10020, PRO10120, PRO10130, PRO10140, SUB20180, CDS-DDA-30230, PRO20000, PRO20010, PRO20020, PRO20030, PRO20040, S1-BTB-10230	S1-BTB-20080, S1-BTB-20081

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
S.

Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

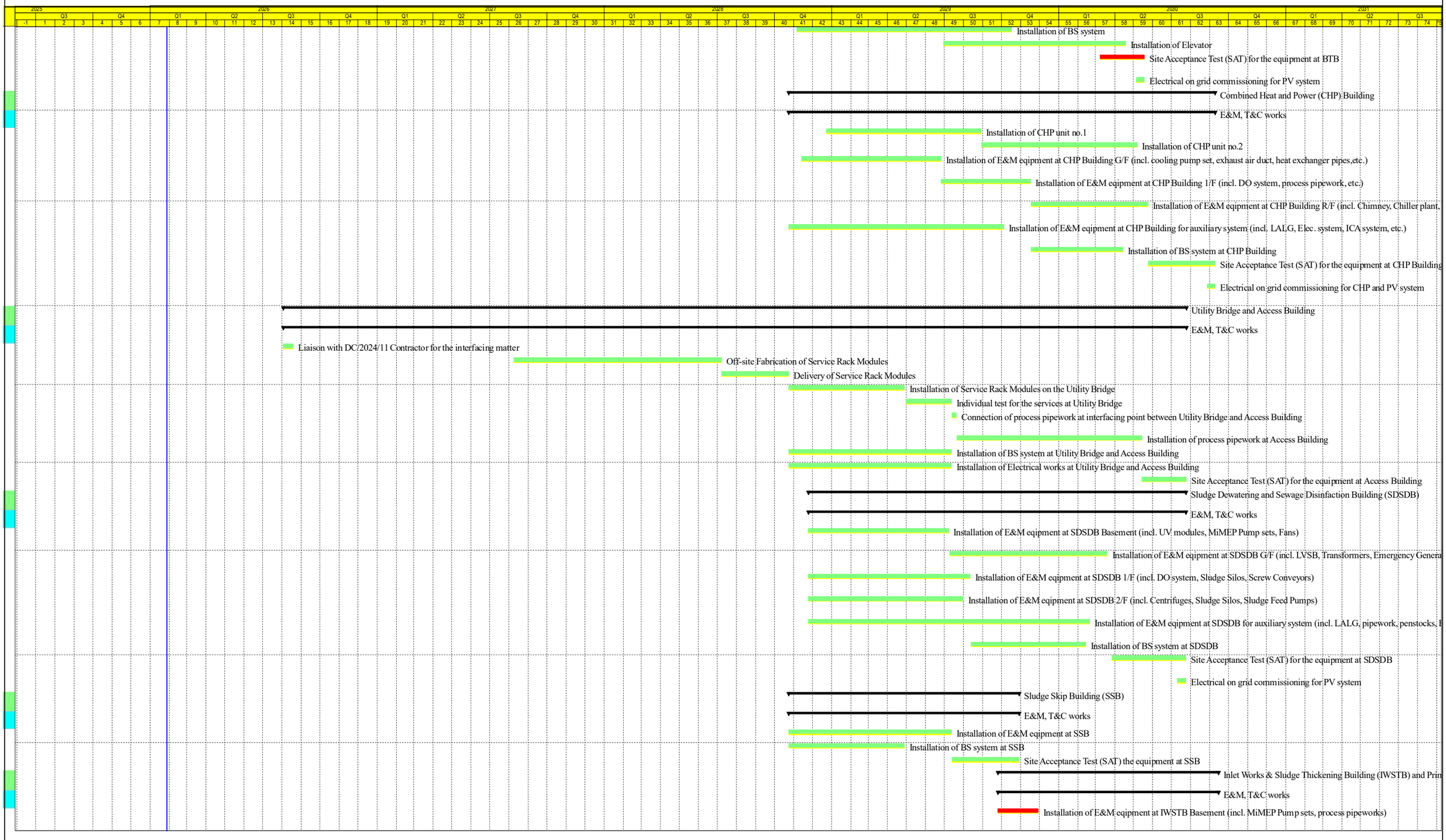
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
S1-BTB-20070	Installation of BS system	280			06-Nov-28	17-Oct-29	27-Mar-29	07-Mar-30	115	3	PRO30000, S1-BTB-10230	S1-BTB-20080, S1-SCT-10090, S1-BTB-20071
S1-BTB-20071	Installation of Elevator	240			30-Jun-29	18-Apr-30	22-Jun-30	10-Apr-31	289	3	CDS-DDA-50120, S1-BTB-10230, S1-BTB-20070	S1-PCT-20000
S1-BTB-20080	Site Acceptance Test (SAT) for the equipment at BTB	56			08-Mar-30	18-May-30	08-Mar-30	18-May-30	0	0	S1-BTB-20050, S1-BTB-20060, S1-BTB-20070, PRO00010, PRO00010, CGS20030	S1-PSU-10000, S1-SCT-10070, S1-SCT-10080, S1-BTB-20081
S1-BTB-20081	Electrical on grid commissioning for PV system	14			05-May-3	18-May-30	07-Jan-31	20-Jan-31	247	0	CDS-DDA-40012, S1-BTB-20060, S1-BTB-20080	S1-SCT-20000
Combined Heat and Power (CHP) Building		686			24-Oct-28	09-Sep-30	17-Nov-28	21-Dec-30	103			
E&M, T&C works		686			24-Oct-28	09-Sep-30	17-Nov-28	21-Dec-30	103			
S1-CHP-10000	Installation of CHP unit no.1	200			23-Dec-28	29-Aug-29	18-Jan-29	20-Sep-29	19	3	ACD10140, PRO10080, MSS20110, SUB20180	S1-CHP-10010, S1-CHP-10080
S1-CHP-10010	Installation of CHP unit no.2	200			30-Aug-29	06-May-30	21-Sep-29	29-May-30	19	3	S1-CHP-10000	S1-CHP-10070, S1-CHP-10080
S1-CHP-10020	Installation of E&M eqipment at CHP Building G/F (incl. cooling pump set, exhaust air duct, heat exchanger pipes,etc.)	180			13-Nov-28	25-Jun-29	17-Nov-28	29-Jun-29	4	1	ACD10140, PRO10080, MSS20110, SUB20180	S1-CHP-10030, S1-CHP-10070
S1-CHP-10030	Installation of E&M eqipment at CHP Building 1/F (incl. DO system, process pipework, etc.)	120			26-Jun-29	16-Nov-29	30-Jun-29	21-Nov-29	4	1	S1-CHP-10020	S1-CHP-10040, S1-CHP-10060, S1-CHP-10070
S1-CHP-10040	Installation of E&M eqipment at CHP Building R/F (incl. Chimney, Chiller plant, PV panl)	150			17-Nov-29	24-May-30	22-Nov-29	29-May-30	4	1	S1-CHP-10030	S1-CHP-10070
S1-CHP-10050	Installation of E&M eqipment at CHP Building for auxiliary system (incl. LALG, Elec. system, ICA system, etc.)	280			24-Oct-28	04-Oct-29	19-Jun-29	29-May-30	190	1	CDS-DDA-30230, PRO20000, PRO20010, PRO20020, PRO20030, PRO20040, ACD10140	S1-CHP-10070, S1-CHP-10080
S1-CHP-10060	Installation of BS system at CHP Building	120			17-Nov-29	13-Apr-30	29-Dec-29	29-May-30	34	2	S1-CHP-10030, PRO30000, MSS20190	S1-CHP-10070, S1-SCT-10100, S1-SCT-10090, S1-CHP-10080
S1-CHP-10070	Site Acceptance Test (SAT) for the equipment at CHP Building	90			25-May-30	09-Sep-30	30-May-30	14-Sep-30	4	3	S1-CHP-10020, S1-CHP-10030, S1-CHP-10040, S1-CHP-10050, S1-CHP-10060, PRO00010, CGS20030, S1-CHP-10010	S1-SCT-10060, S1-SCT-10080, S1-CHP-10080
S1-CHP-10080	Electrical on grid commissioning for CHP and PV system	14			27-Aug-30	09-Sep-30	08-Dec-30	21-Dec-30	103	0	CDS-DDA-40012, S1-CHP-10050, S1-CHP-10060, S1-CHP-10000, S1-CHP-10010, S1-CHP-10070	S1-SCT-10060
Utility Bridge and Access Building		1178			03-Aug-26	25-Jul-30	11-Sep-27	14-Sep-30	43			
E&M, T&C works		1178			03-Aug-26	25-Jul-30	11-Sep-27	14-Sep-30	43			
S1-UBAB-10000	Liaison with DC/2024/11 Contractor for the interfacing matter	14			03-Aug-26	19-Aug-26	11-Sep-27	28-Sep-27	330	3	CDS-DDA-30150, CDS-DDA-30171, ITF10020	S1-UBAB-10010
S1-UBAB-10010	Off-site Fabrication of Service Rack Modules	270			09-Aug-27	07-Jul-28	29-Sep-27	26-Aug-28	43	2	CDS-DDA-30150, PRO10100, MSS20150, S1-UBAB-10000	S1-UBAB-10020
S1-UBAB-10020	Delivery of Service Rack Modules	90			08-Jul-28	23-Oct-28	28-Aug-28	13-Dec-28	43	2	S1-UBAB-10010	S1-UBAB-10030
S1-UBAB-10030	Installation of Service Rack Modules on the Utility Bridge	150			24-Oct-28	28-Apr-29	14-Dec-28	21-Jun-29	43	2	ACD10160, ACD10170, ACD10180, S1-UBAB-10020	S1-UBAB-10040
S1-UBAB-10040	Individual test for the services at Utility Bridge	60			30-Apr-29	12-Jul-29	22-Jun-29	31-Aug-29	43	2	S1-UBAB-10030	S1-UBAB-20000
S1-UBAB-20000	Connection of process pipework at interfacing point between Utility Bridge and Access Building	7			13-Jul-29	20-Jul-29	01-Sep-29	08-Sep-29	43	2	S1-UBAB-10040	S1-UBAB-20010
S1-UBAB-20010	Installation of process pipework at Access Building	240			21-Jul-29	14-May-30	10-Sep-29	05-Jul-30	43	2	ACD10150, CDS-DDA-30150, MSS20150, PRO10100, S1-UBAB-20000	S1-UBAB-20030
S1-UBAB-20020	Installation of BS system at Utility Bridge and Access Building	210			24-Oct-28	12-Jul-29	18-Oct-29	05-Jul-30	290	2	ACD10150, CDS-DDA-30150, MSS20150, PRO10100	S1-UBAB-20030, S1-SCT-10100, S1-SCT-10090
S1-UBAB-20021	Installation of Electrical works at Utility Bridge and Access Building	210			24-Oct-28	12-Jul-29	18-Oct-29	05-Jul-30	290	2	ACD10150, CDS-DDA-30150, MSS20150, PRO10100	S1-UBAB-20030, S1-SCT-10100, S1-SCT-10090
S1-UBAB-20030	Site Acceptance Test (SAT) for the equipment at Access Building	60			15-May-3	25-Jul-30	06-Jul-30	14-Sep-30	43	2	S1-UBAB-20020, S1-UBAB-20010, PRO00010, CGS20030, S1-UBAB-20021	S1-SCT-10080
Sludge Dewatering and Sewage Disinfaction Building (SDSDB)		608			24-Nov-28	24-Jul-30	18-Dec-28	20-Jan-31	181			
E&M, T&C works		608			24-Nov-28	24-Jul-30	18-Dec-28	20-Jan-31	181			
S1-SDSDB-10000	Installation of E&M eqipment at SDSDB Basement (incl. UV modules, MiMEP Pump sets, Fans)	180			24-Nov-28	07-Jul-29	18-Dec-28	01-Aug-29	21	2	ACD10190, PRO10040, SUB20180, MSS20030, PFW00020	S1-SDSDB-10070, S1-SDSDB-10010, S1-SDSDB-10050, S1-SDSDB-10060
S1-SDSDB-10010	Installation of E&M eqipment at SDSDB G/F (incl. LVSB, Transformers, Emergency Generator, Polymer Preparation Tank)	210			09-Jul-29	20-Mar-30	01-Aug-29	15-Apr-30	21	2	S1-SDSDB-10000	S1-SDSDB-10070, S1-SDSDB-10060
S1-SDSDB-10020	Installation of E&M eqipment at SDSDB 1/F (incl. DO system, Sludge Silos, Screw Conveyors)	210			24-Nov-28	11-Aug-29	31-Jan-29	19-Oct-29	56	2	ACD10190	S1-SDSDB-10070, S1-SDSDB-10050, S1-SDSDB-10060
S1-SDSDB-10030	Installation of E&M eqipment at SDSDB 2/F (incl. Centrifuges, Sludge Silos, Sludge Feed Pumps)	200			24-Nov-28	31-Jul-29	12-Feb-29	19-Oct-29	66	2	ACD10190	S1-SDSDB-10070, S1-SDSDB-10060, S1-SDSDB-10050
S1-SDSDB-10040	Installation of E&M eqipment at SDSDB for auxiliary system (incl. LALG, pipework, penstocks, Elec. system etc.)	365			24-Nov-28	19-Feb-30	19-Jan-29	15-Apr-30	46	2	ACD10190, CDS-DDA-30230, PRO20000, PRO20010, PRO20020, PRO20030, PRO20040	S1-SDSDB-10070, S1-SDSDB-10060, S1-SDSDB-10080
S1-SDSDB-10050	Installation of BS system at SDSDB	150			13-Aug-29	13-Feb-30	19-Oct-29	24-Apr-30	56	2	S1-SDSDB-10000, S1-SDSDB-10020, PRO30000, S1-SDSDB-10030	S1-SDSDB-10070, S1-SCT-10100, S1-SCT-10090
S1-SDSDB-10070	Site Acceptance Test (SAT) for the equipment at SDSDB	95			27-Mar-30	24-Jul-30	24-Apr-30	16-Aug-30	21	2	S1-SDSDB-10000, S1-SDSDB-10010, S1-SDSDB-10020, S1-SDSDB-10030, S1-SDSDB-10040, S1-SDSDB-10050, PRO00010, CGS20030,	S1-SCT-10010, S1-SCT-10040, S1-SCT-10070, S1-SCT-10080, S1-SCT-10011, S1-SDSDB-10080
S1-SDSDB-10080	Electrical on grid commissioning for PV system	14			10-Jul-30	24-Jul-30	07-Jan-31	20-Jan-31	181	1	CDS-DDA-40012, S1-SDSDB-10040, S1-SDSDB-10070	S1-SCT-20000
Sludge Skip Building (SSB)		300			24-Oct-28	29-Oct-29	10-Sep-29	14-Sep-30	260			
E&M, T&C works		300			24-Oct-28	29-Oct-29	10-Sep-29	14-Sep-30	260			
S1-SSB-10000	Installation of E&M eqipment at SSB	210			24-Oct-28	12-Jul-29	10-Sep-29	29-May-30	260	2	ACD10130, SUB20180, MSS20050, PRO10050	S1-SSB-10020
S1-SSB-10010	Installation of BS system at SSB	150			24-Oct-28	28-Apr-29	22-Nov-29	29-May-30	320	2	ACD10130	S1-SSB-10020, S1-SCT-10100, S1-SCT-10090
S1-SSB-10020	Site Acceptance Test (SAT) the equipment at SSB	90			13-Jul-29	29-Oct-29	30-May-3	14-Sep-30	260	2	S1-SSB-10000, S1-SSB-10010, PRO00010, CGS20030	S1-SCT-10070, S1-SCT-10080
Inlet Works & Sludge Thickening Building (IWSTB) and Primary Sediment		355			25-Sep-29	14-Sep-30	25-Sep-29	20-Jan-31	128			
E&M, T&C works		355			25-Sep-29	14-Sep-30	25-Sep-29	20-Jan-31	128			
S1-IWSTB-10000	Installation of E&M eqipment at IWSTB Basement (incl. MiMEP Pump sets, process pipeworks)	55			25-Sep-29	29-Nov-29	25-Sep-29	29-Nov-29	0	0	ACD10200, ACD10270, CDS-DDA-30070, PRO10060, MSS20070, PFW00020, CDS-DDA-30075	S1-IWSTB-10050, S1-IWSTB-10010, S1-IWSTB-10040

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

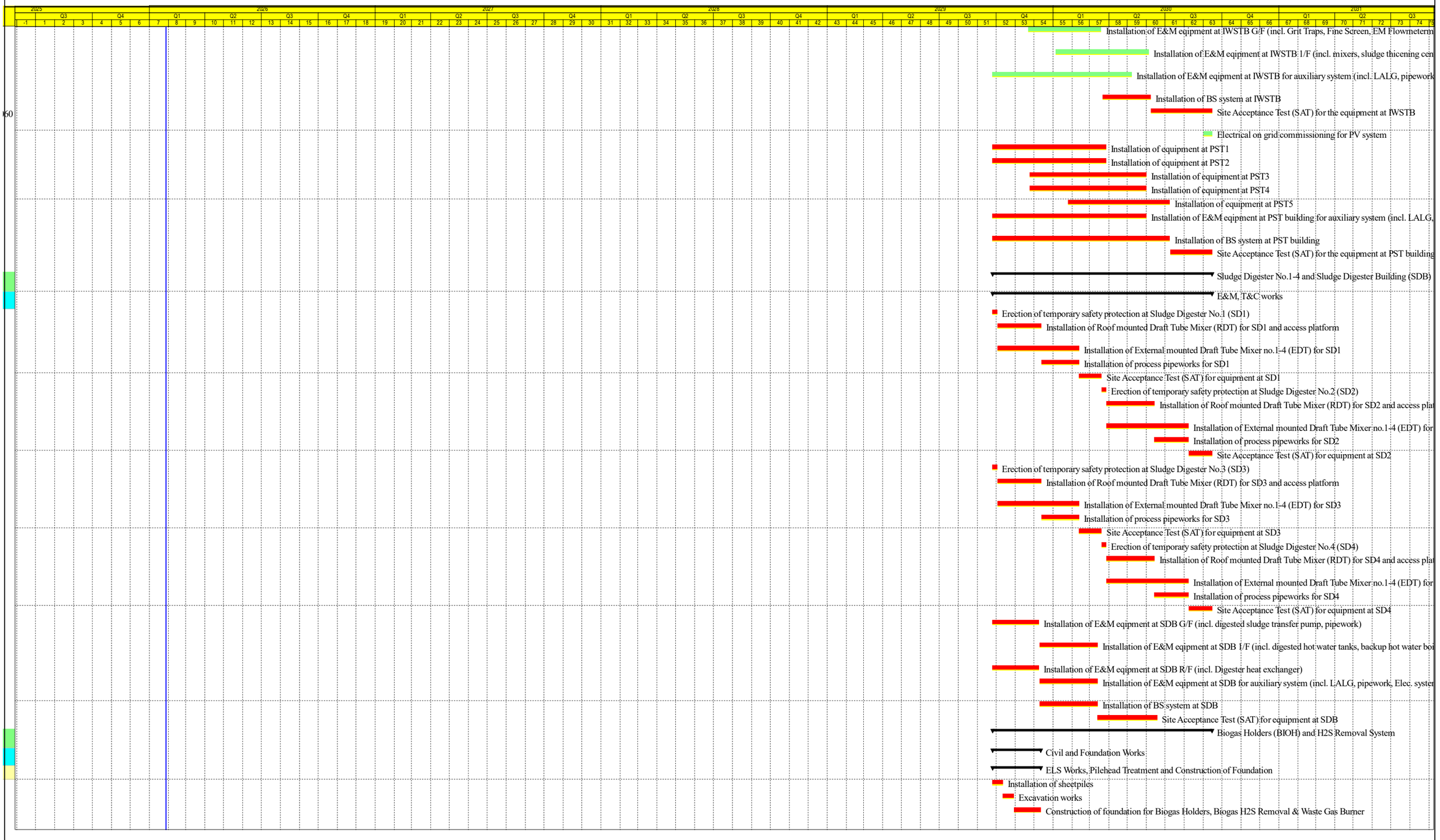
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
S1-IWSTB-10010	Installation of E&M eqipment at IWSTB G/F (incl. Grit Traps, Fine Screen, EM Flowmeterm, Skips)	95			22-Nov-29	19-Mar-30	24-Nov-29	21-Mar-30	2	2	S1-IWSTB-10000	S1-IWSTB-10050, S1-IWSTB-10020
S1-IWSTB-10020	Installation of E&M eqipment at IWSTB 1/F (incl. mixers, sludge thicening centrifuges, polymer aging tanks)	120			05-Jan-30	04-Jun-30	08-Jan-30	07-Jun-30	2	2	S1-IWSTB-10010	S1-IWSTB-10050
S1-IWSTB-10030	Installation of E&M eqipment at IWSTB for auxiliary system (incl. LALG, pipework, penstocks, DO system, ICA system etc.)	180			25-Sep-29	07-May-30	26-Oct-29	07-Jun-30	25	2	CDS-DDA-30230, PRO20000, PRO20010, PRO20020, PRO20030, PRO20040, ACD10270, ACD10200	S1-IWSTB-10050, S1-IWSTB-10060
S1-IWSTB-10040	Installation of BS system at IWSTB	60			22-Mar-30	07-Jun-30	22-Mar-30	07-Jun-30	0	0	S1-IWSTB-10000	S1-IWSTB-10050, S1-SCT-10100, S1-SCT-10090
S1-IWSTB-10050	Site Acceptance Test (SAT) for the equipment at IWSTB	83			08-Jun-30	14-Sep-30	08-Jun-30	14-Sep-30	0	0	S1-IWSTB-10040, S1-IWSTB-10030, S1-IWSTB-10020, S1-IWSTB-10010, S1-IWSTB-10000, PRO00010, CGS20030, S1-PST-10080	S1-SCT-10000, S1-SCT-10020, S1-SCT-10070, S1-SCT-10080, S1-IWSTB-10060
S1-IWSTB-10060	Electrical on grid commissioning for PV system	14			01-Sep-30	14-Sep-30	07-Jan-31	20-Jan-31	128	1	CDS-DDA-40012, S1-IWSTB-10030, S1-IWSTB-10050, S1-PST-10090	S1-SCT-20000
S1-PST-10000	Installation of equipment at PST1	150			25-Sep-29	27-Mar-30	25-Sep-29	27-Mar-30	0	0	ACD10210, CDS-DDA-30090, PRO10070, MSS20090	S1-PST-10020, S1-PST-10030, S1-PST-10090
S1-PST-10010	Installation of equipment at PST2	150			25-Sep-29	27-Mar-30	25-Sep-29	27-Mar-30	0	0	ACD10210, CDS-DDA-30090, PRO10070, MSS20090	S1-PST-10020, S1-PST-10030, S1-PST-10090
S1-PST-10020	Installation of equipment at PST3	150			24-Nov-29	31-May-30	24-Nov-29	31-May-30	0	0	S1-PST-10000, S1-PST-10010	S1-PST-10040, S1-PST-10090
S1-PST-10030	Installation of equipment at PST4	150			24-Nov-29	31-May-30	24-Nov-29	31-May-30	0	0	S1-PST-10000, S1-PST-10010	S1-PST-10040, S1-PST-10090
S1-PST-10040	Installation of equipment at PST5	130			25-Jan-30	08-Jul-30	25-Jan-30	08-Jul-30	0	0	S1-PST-10020, S1-PST-10030	S1-PST-10090
S1-PST-10060	Installation of E&M eqipment at PST building for auxiliary system (incl. LALG, pipework, DO system, Elec. system, etc.)	200			25-Sep-29	31-May-30	25-Sep-29	31-May-30	0	0	ACD10210, CDS-DDA-30230, PRO20000, PRO20010, PRO20020, PRO20030, PRO20040	S1-PST-10090, S1-PST-10080
S1-PST-10070	Installation of BS system at PST building	230			25-Sep-29	08-Jul-30	25-Sep-29	08-Jul-30	0	0	ACD10210	S1-PST-10090, S1-SCT-10100, S1-SCT-10090
S1-PST-10090	Site Acceptance Test (SAT) for the equipment at PST building	58			09-Jul-30	14-Sep-30	09-Jul-30	14-Sep-30	0	0	S1-PST-10000, S1-PST-10010, S1-PST-10020, S1-PST-10030, S1-PST-10040, S1-PST-10060, S1-PST-10070, PRO00010, CGS20030, S1-PST-10080	S1-SCT-10070, S1-SCT-10080, S1-SCT-10001, S1-IWSTB-10060
Sludge Digester No.1-4 and Sludge Digester Building (SDB)		288			25-Sep-29	14-Sep-30	25-Sep-29	14-Sep-30	0			
E&M, T&C works		288			25-Sep-29	14-Sep-30	25-Sep-29	14-Sep-30	0			
S1-SD1-10000	Erection of temporary safety protection at Sludge Digester No.1 (SD1)	6			25-Sep-29	02-Oct-29	25-Sep-29	02-Oct-29	0	0	ACD10260, CDS-DDA-30170, PRO10110, MSS20170	S1-SD1-10020, S1-SD1-10030
S1-SD1-10020	Installation of Roof mounted Draft Tube Mixer (RDT) for SD1 and access platform	60			03-Oct-29	12-Dec-29	03-Oct-29	12-Dec-29	0	0	S1-SD1-10000	S1-SD1-10040, S1-SD1-10050
S1-SD1-10030	Installation of External mounted Draft Tube Mixer no.1-4 (EDT) for SD1	106			03-Oct-29	11-Feb-30	03-Oct-29	11-Feb-30	0	0	S1-SD1-10000	S1-SD1-10050
S1-SD1-10040	Installation of process pipeworks for SD1	46			13-Dec-29	11-Feb-30	13-Dec-29	11-Feb-30	0	0	S1-SD1-10020	S1-SD1-10050
S1-SD1-10050	Site Acceptance Test (SAT) for equipment at SD1	32			12-Feb-30	20-Mar-30	12-Feb-30	20-Mar-30	0	0	S1-SD1-10040, S1-SD1-10030, S1-SD1-10020, PRO00010, CGS20030	S1-SD2-10000, S1-SCT-10080
S1-SD2-10000	Erection of temporary safety protection at Sludge Digester No.2 (SD2)	6			21-Mar-30	27-Mar-30	21-Mar-30	27-Mar-30	0	0	ACD10260, CDS-DDA-30170, PRO10110, MSS20170, S1-SD1-10050	S1-SD2-10020, S1-SD2-10030
S1-SD2-10020	Installation of Roof mounted Draft Tube Mixer (RDT) for SD2 and access platform	60			28-Mar-30	13-Jun-30	28-Mar-30	13-Jun-30	0	0	S1-SD2-10000	S1-SD2-10040, S1-SD2-10050
S1-SD2-10030	Installation of External mounted Draft Tube Mixer no.1-4 (EDT) for SD2	106			28-Mar-30	07-Aug-30	28-Mar-30	07-Aug-30	0	0	S1-SD2-10000	S1-SD2-10050
S1-SD2-10040	Installation of process pipeworks for SD2	46			14-Jun-30	07-Aug-30	14-Jun-30	07-Aug-30	0	0	S1-SD2-10020	S1-SD2-10050
S1-SD2-10050	Site Acceptance Test (SAT) for equipment at SD2	32			08-Aug-30	14-Sep-30	08-Aug-30	14-Sep-30	0	0	S1-SD2-10040, S1-SD2-10030, S1-SD2-10020, PRO00010, CGS20030	S1-SCT-10080
S1-SD3-10000	Erection of temporary safety protection at Sludge Digester No.3 (SD3)	6			25-Sep-29	02-Oct-29	25-Sep-29	02-Oct-29	0	0	ACD10260, CDS-DDA-30170, PRO10110, MSS20170	S1-SD3-10020, S1-SD3-10030
S1-SD3-10020	Installation of Roof mounted Draft Tube Mixer (RDT) for SD3 and access platform	60			03-Oct-29	12-Dec-29	03-Oct-29	12-Dec-29	0	0	S1-SD3-10000	S1-SD3-10040, S1-SD3-10050
S1-SD3-10030	Installation of External mounted Draft Tube Mixer no.1-4 (EDT) for SD3	106			03-Oct-29	11-Feb-30	03-Oct-29	11-Feb-30	0	0	S1-SD3-10000	S1-SD3-10050
S1-SD3-10040	Installation of process pipeworks for SD3	46			13-Dec-29	11-Feb-30	13-Dec-29	11-Feb-30	0	0	S1-SD3-10020	S1-SD3-10050
S1-SD3-10050	Site Acceptance Test (SAT) for equipment at SD3	32			12-Feb-30	20-Mar-30	12-Feb-30	20-Mar-30	0	0	S1-SD3-10040, S1-SD3-10030, S1-SD3-10020, PRO00010, CGS20030	S1-SD4-10000, S1-SCT-10080
S1-SD4-10000	Erection of temporary safety protection at Sludge Digester No.4 (SD4)	6			21-Mar-30	27-Mar-30	21-Mar-30	27-Mar-30	0	0	ACD10260, CDS-DDA-30170, PRO10110, MSS20170, S1-SD3-10050	S1-SD4-10020, S1-SD4-10030
S1-SD4-10020	Installation of Roof mounted Draft Tube Mixer (RDT) for SD4 and access platform	60			28-Mar-30	13-Jun-30	28-Mar-30	13-Jun-30	0	0	S1-SD4-10000	S1-SD4-10040, S1-SD4-10050
S1-SD4-10030	Installation of External mounted Draft Tube Mixer no.1-4 (EDT) for SD4	106			28-Mar-30	07-Aug-30	28-Mar-30	07-Aug-30	0	0	S1-SD4-10000	S1-SD4-10050
S1-SD4-10040	Installation of process pipeworks for SD4	46			14-Jun-30	07-Aug-30	14-Jun-30	07-Aug-30	0	0	S1-SD4-10020	S1-SD4-10050
S1-SD4-10050	Site Acceptance Test (SAT) for equipment at SD4	32			08-Aug-30	14-Sep-30	08-Aug-30	14-Sep-30	0	0	S1-SD4-10040, S1-SD4-10030, S1-SD4-10020, PRO00010, CGS20030	S1-SCT-10080
S1-SDB-10000	Installation of E&M eqipment at SDB G/F (incl. digested sludge transfer pump, pipework)	63			25-Sep-29	08-Dec-29	25-Sep-29	08-Dec-29	0	0	ACD10260, PRO10110, CDS-DDA-30170, MSS20170	S1-SDB-10010
S1-SDB-10010	Installation of E&M eqipment at SDB 1/F (incl. digested hot water tanks, backup hot water boiler, pumps, pipework)	75			10-Dec-29	13-Mar-30	10-Dec-29	13-Mar-30	0	0	S1-SDB-10000	S1-SDB-10050
S1-SDB-10020	Installation of E&M eqipment at SDB R/F (incl. Digester heat exchanger)	63			25-Sep-29	08-Dec-29	25-Sep-29	08-Dec-29	0	0	ACD10260	S1-SDB-10030, S1-SDB-10040
S1-SDB-10030	Installation of E&M eqipment at SDB for auxiliary system (incl. LALG, pipework, Elec. system, etc.)	75			10-Dec-29	13-Mar-30	10-Dec-29	13-Mar-30	0	0	S1-SDB-10020, CDS-DDA-30230, PRO20000, PRO20010, PRO20020, PRO20030, PRO20040	S1-SDB-10050
S1-SDB-10040	Installation of BS system at SDB	75			10-Dec-29	13-Mar-30	10-Dec-29	13-Mar-30	0	0	S1-SDB-10020	S1-SDB-10050, S1-SCT-10100, S1-SCT-10090
S1-SDB-10050	Site Acceptance Test (SAT) for equipment at SDB	75			14-Mar-30	17-Jun-30	14-Mar-30	17-Jun-30	0	0	S1-SDB-10030, S1-SDB-10040, PRO00010, CGS20030, S1-SDB-10010	S1-PSU-10010, S1-SCT-10030, S1-SCT-10080
Biogas Holders (BIOH) and H2S Removal System		288			25-Sep-29	14-Sep-30	25-Sep-29	14-Sep-30	0			
Civil and Foundation Works		65			25-Sep-29	11-Dec-29	25-Sep-29	11-Dec-29	0			
ELS Works, Pilehead Treatment and Construction of Foundation		65			25-Sep-29	11-Dec-29	25-Sep-29	11-Dec-29	0			
S1-BIOH-10050	Installation of sheetpiles	14			25-Sep-29	11-Oct-29	25-Sep-29	11-Oct-29	0	0	ACD10260, SUB20080, MSS20130	S1-BIOH-10060
S1-BIOH-10060	Excavation works	14			12-Oct-29	29-Oct-29	12-Oct-29	29-Oct-29	0	0	S1-BIOH-10050	S1-BIOH-10070
S1-BIOH-10070	Construction of foundation for Biogas Holders, Biogas H2S Removal & Waste Gas Burner	37			30-Oct-29	11-Dec-29	30-Oct-29	11-Dec-29	0	0	S1-BIOH-10060	S1-BIOH-20000, S1-BIOH-20090, S1-BIOH-20020, S1-BIOH-20100, S1-BIOH-20040

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
E&M, T&C works		223			12-Dec-29	14-Sep-30	12-Dec-29	14-Sep-30	0			
S1-BIOH-20000	Erection of temporary working platform for Biogas Holder No.1 (BIOH1)	6			12-Dec-29	18-Dec-29	12-Dec-29	18-Dec-29	0	0	S1-BIOH-10070, MSS20130, CDS-DDA-30132, PRO10090	S1-BIOH-20010
S1-BIOH-20010	Erection of BIOH1 with installation of associated accessories	180			19-Dec-29	01-Aug-30	19-Dec-29	01-Aug-30	0	0	S1-BIOH-20000	S1-BIOH-20060
S1-BIOH-20020	Erection of temporary working platform for Biogas Holder No.2 (BIOH2)	6			12-Dec-29	18-Dec-29	12-Dec-29	18-Dec-29	0	0	S1-BIOH-10070, CDS-DDA-30132, PRO10090, MSS20130	S1-BIOH-20030
S1-BIOH-20030	Erection of BIOH2 with installation of associated accessories	180			19-Dec-29	01-Aug-30	19-Dec-29	01-Aug-30	0	0	S1-BIOH-20020	S1-BIOH-20060
S1-BIOH-20040	Erection of temporary working platform for Biogas Holder No.3 (BIOH3)	6			12-Dec-29	18-Dec-29	12-Dec-29	18-Dec-29	0	0	CDS-DDA-30132, S1-BIOH-10070, MSS20130, PRO10090	S1-BIOH-20050
S1-BIOH-20050	Erection of BIOH3 with installation of associated accessories	180			19-Dec-29	01-Aug-30	19-Dec-29	01-Aug-30	0	0	S1-BIOH-20040	S1-BIOH-20060
S1-BIOH-20060	EMSD Inspection and Acceptance for the Notifiable Gas Installation (NGI)	7			02-Aug-30	09-Aug-30	02-Aug-30	09-Aug-30	0	0	S1-BIOH-20010, S1-BIOH-20030, S1-BIOH-20100, S1-BIOH-20090, S1-BIOH-20050	S1-BIOH-20070, S1-BIOH-20110
S1-BIOH-20070	Purging for BIOH1, 2 & 3	7			10-Aug-30	17-Aug-30	10-Aug-30	17-Aug-30	0	0	S1-BIOH-20060	S1-BIOH-20080
S1-BIOH-20080	Site Acceptance Test (SAT) for equipment at BIOH1, 2 & 3	23			19-Aug-30	14-Sep-30	19-Aug-30	14-Sep-30	0	0	S1-BIOH-20070, PRO00010, CGS20030	S1-SCT-10050, S1-SCT-10080, S1-SCT-10051
S1-BIOH-20090	Installation of equipment for Biogas H2S Removal System (MiMEP)	150			12-Dec-29	19-Jun-30	26-Jan-30	01-Aug-30	36	2	S1-BIOH-10070, PFW00020	S1-BIOH-20110, S1-BIOH-20060
S1-BIOH-20100	Installation of equipment for Waste Gas Burner	150			12-Dec-29	19-Jun-30	26-Jan-30	01-Aug-30	36	2	S1-BIOH-10070, PFW00020	S1-BIOH-20110, S1-BIOH-20060
S1-BIOH-20110	Site Acceptance Test (SAT) for H2S Removal System & Waste Gas Burner	30			10-Aug-30	14-Sep-30	10-Aug-30	14-Sep-30	0	0	S1-BIOH-20090, PRO00010, CGS20030, S1-BIOH-20100, S1-BIOH-20060	S1-SCT-10050, S1-SCT-10080, S1-SCT-10051
Administration Building and Workshop		1418			04-Mar-27	20-Jan-31	25-Sep-29	20-Jan-31	0			
E&M, T&C works		1171			04-Mar-27	18-May-30	25-Sep-29	20-Jan-31	247			
S1-ABWS-10000	Installation of BS equipment (MiMIEP) at Administration Building	120			25-Sep-29	20-Feb-30	07-Feb-30	05-Jul-30	108	2	SUB20180, ACD10040, ACD10230, MSS10110	S1-ABWS-10010, S1-SCT-10100, S1-ABWS-10080
S1-ABWS-10010	Site Acceptance Test (SAT) for BS equipment at Administration Building	60			21-Feb-30	07-May-30	06-Jul-30	14-Sep-30	108	2	S1-ABWS-10000, PRO00010, CGS20030	S1-SCT-10080
S1-ABWS-10020	Installation of Electrical & BS equipment (MiMIEP) at Workshop	180			04-Mar-27	13-Oct-27	18-Oct-29	29-May-30	776	3	SUB20180, ACD10050, MSS10110	S1-ABWS-10030, S1-SCT-10100, S1-ABWS-10080
S1-ABWS-10030	Site Acceptance Test (SAT) for equipment at Workshop	90			23-Apr-29	10-Aug-29	30-May-3	14-Sep-30	326	3	S1-ABWS-10020, PRO00010, CGS20030	S1-SCT-10080
S1-ABWS-10060	Installation of SCADA equipment at Administration Building	99			25-Sep-29	23-Jan-30	25-Sep-29	23-Jan-30	0	0	SUB20180, ACD10040, ACD10230, CDS-DDA-40050	S1-ABWS-10070
S1-ABWS-10070	Site Acceptance Test (SAT) for SCADA equipment at Administration Building	90			24-Jan-30	18-May-30	24-Jan-30	18-May-30	0	0	S1-ABWS-10060, PRO00010, CGS20030	S1-SCT-10080, S1-SCT-10000, S1-SCT-10010, S1-SCT-10020, S1-SCT-10030, S1-SCT-10040, S1-SCT-10050, S1-SCT-10060, S1-SCT-10070, S1-SCT-10080,
S1-ABWS-10080	Electrical on grid commissioning for PV system	14			05-May-3	18-May-30	07-Jan-31	20-Jan-31	247	0	CDS-DDA-40012, S1-ABWS-10020, S1-ABWS-10000, S1-ABWS-10070	S1-SCT-20000
ABWF works		1150			04-Mar-27	20-Jan-31	17-Jun-30	20-Jan-31	0			
S1-ABWS-10040	ABWF works at Administration Building (G/F and 1/F)	90			04-Jul-30	19-Oct-30	04-Jul-30	19-Oct-30	0	0	ACD10040, ACD10230, MSS10110, SUB20160	S1-ABWS-10045
S1-ABWS-10045	ABWF works at Administration Building (2/F and R/F)	76			21-Oct-30	20-Jan-31	21-Oct-30	20-Jan-31	0	0	S1-ABWS-10040	S1-SCT-20000
S1-ABWS-10050	ABWF works at Workshop (G/F)	90			04-Mar-27	25-Jun-27	17-Jun-30	02-Oct-30	970	3	ACD10050, MSS10110, SUB20160	S1-ABWS-10055
S1-ABWS-10055	ABWF works at Workshop (1/F and R/F)	90			25-Jun-27	13-Oct-27	03-Oct-30	20-Jan-31	970	3	S1-ABWS-10050	S1-SCT-20000
Testing and Commissioning		1834	15-Dec-25		29-Mar-26	11-Apr-31	19-May-26	10-Apr-31	0			
Power Energization of Electrical System		1527	15-Dec-25		29-Mar-26	07-Jun-30	19-May-2	07-Jun-30	0			
CDS-AIP-40011	Submission to CLP for the application of Power Supply	210	15-Dec-25		29-Mar-26	13-Sep-26	19-May-2	02-Nov-26	50	0	CDS-AIP-40000	CDS-DDA-40011
CDS-AIP-40012	Submission to CLP for the electrical on grid application for CHP and PV System	30			08-Jan-27	07-Feb-27	25-Feb-27	26-Mar-27	47	0	CDS-AIP-30110, CDS-DDA-40000	CDS-DDA-40012
CDS-DDA-40011	CLP accept the application of Power Supply	234			13-Sep-26	05-May-27	03-Nov-26	24-Jun-27	50	0	CDS-AIP-40011	CDS-DDA-60020, S1-SDSDB-10060, S1-PST-10080
CDS-DDA-40012	CLP accept the electrical on grid application for CHP and PV System	90			07-Feb-27	08-May-27	27-Mar-27	24-Jun-27	47	0	CDS-AIP-40012	CDS-DDA-60020, S1-BTB-20081, S1-CHP-10080, S1-SDSDB-10080, S1-IWSTB-10060, S1-ABWS-10080
S1-PST-10080	Power energization for the eastern Site	5			01-Jun-30	07-Jun-30	01-Jun-30	07-Jun-30	0	0	CDS-DDA-40011, S1-PST-10060	S1-PST-10090, S1-IWSTB-10050
S1-SDSDB-10060	Power energization for the western Site	5			21-Mar-30	26-Mar-30	15-Apr-30	24-Apr-30	21	3	CDS-DDA-40011, S1-SDSDB-10000, S1-SDSDB-10010, S1-SDSDB-10020, S1-SDSDB-10030, S1-SDSDB-10040	S1-SDSDB-10070
Process Start-up and Process Commissioning Test		150			19-May-3	15-Oct-30	19-May-3	15-Oct-30	0			
S1-PSU-10000	Process Start-up of Biological Treatment System	90			19-May-3	16-Aug-30	19-May-3	16-Aug-30	0	0	S1-BTB-20080, S1-ABWS-10070	S1-SCT-10010, S1-SCT-10011
S1-PSU-10010	Process Start-up of Sludge Digesters	120			18-Jun-30	15-Oct-30	18-Jun-30	15-Oct-30	0	0	S1-SDB-10050, S1-ABWS-10070	S1-SCT-10030
System Commissioning Test (SCT)		196			09-Jul-30	21-Jan-31	17-Aug-30	11-Mar-31	50			
S1-SCT-10000	SCT for Inlet Works	30			16-Oct-30	14-Nov-30	11-Jan-31	09-Feb-31	87	3	S1-SCT-10080, S1-IWSTB-10050, S1-ABWS-10070, CDS-DDA-50140	S1-PCT-10000, S1-SCT-10001
S1-SCT-10001	SCT for Primary Sedimentation Tank	30			15-Nov-30	14-Dec-30	10-Feb-31	11-Mar-31	87	3	S1-SCT-10080, S1-PST-10090, S1-ABWS-10070, S1-SCT-10000, CDS-DDA-50140	S1-PCT-10000
S1-SCT-10010	SCT for Biological Treatment System	30			17-Aug-30	15-Sep-30	17-Aug-30	15-Sep-30	0	0	S1-PSU-10000, S1-SDSDB-10070, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10080, S1-PCT-10000
S1-SCT-10011	SCT for UV Disfection System	30			17-Aug-30	15-Sep-30	17-Aug-30	15-Sep-30	0	0	S1-PSU-10000, S1-SDSDB-10070, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10080, S1-PCT-10000
S1-SCT-10020	SCT for Sludge Thickening System	30			16-Oct-30	14-Nov-30	10-Feb-31	11-Mar-31	117	3	S1-SCT-10080, S1-IWSTB-10050, S1-ABWS-10070, CDS-DDA-50140	S1-PCT-10000
S1-SCT-10030	SCT for Sludge Digestion System (incl. Part 1 & 2 Performance Test)	37			16-Oct-30	21-Nov-30	16-Oct-30	21-Nov-30	0	0	S1-SCT-10080, S1-PSU-10010, S1-SDB-10050, CGS20030, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10050, S1-PCT-10000, S1-SCT-10051
S1-SCT-10040	SCT for Dewatering and Drying System	30			16-Oct-30	14-Nov-30	10-Feb-31	11-Mar-31	117	3	S1-SCT-10080, S1-SDSDB-10070, S1-ABWS-10070, CDS-DDA-50140	S1-PCT-10000
S1-SCT-10050	SCT for Biogas Holding and Distribution System	30			22-Nov-30	21-Dec-30	22-Nov-30	21-Dec-30	0	0	S1-SCT-10030, S1-BIOH-20080, S1-BIOH-20110, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10060, S1-PCT-10000
S1-SCT-10051	SCT for Biogas H2S Removal System	30			22-Nov-30	21-Dec-30	22-Nov-30	21-Dec-30	0	0	S1-SCT-10030, S1-BIOH-20080, S1-BIOH-20110, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10060, S1-PCT-10000
S1-SCT-10060	SCT for Combined Heat and Power System	30			22-Dec-30	20-Jan-31	22-Dec-30	20-Jan-31	0	0	S1-SCT-10050, S1-CHP-10070, S1-ABWS-10070, S1-CHP-10080, S1-SCT-10051, CDS-DDA-50140	S1-SCT-20000, S1-PCT-10000

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

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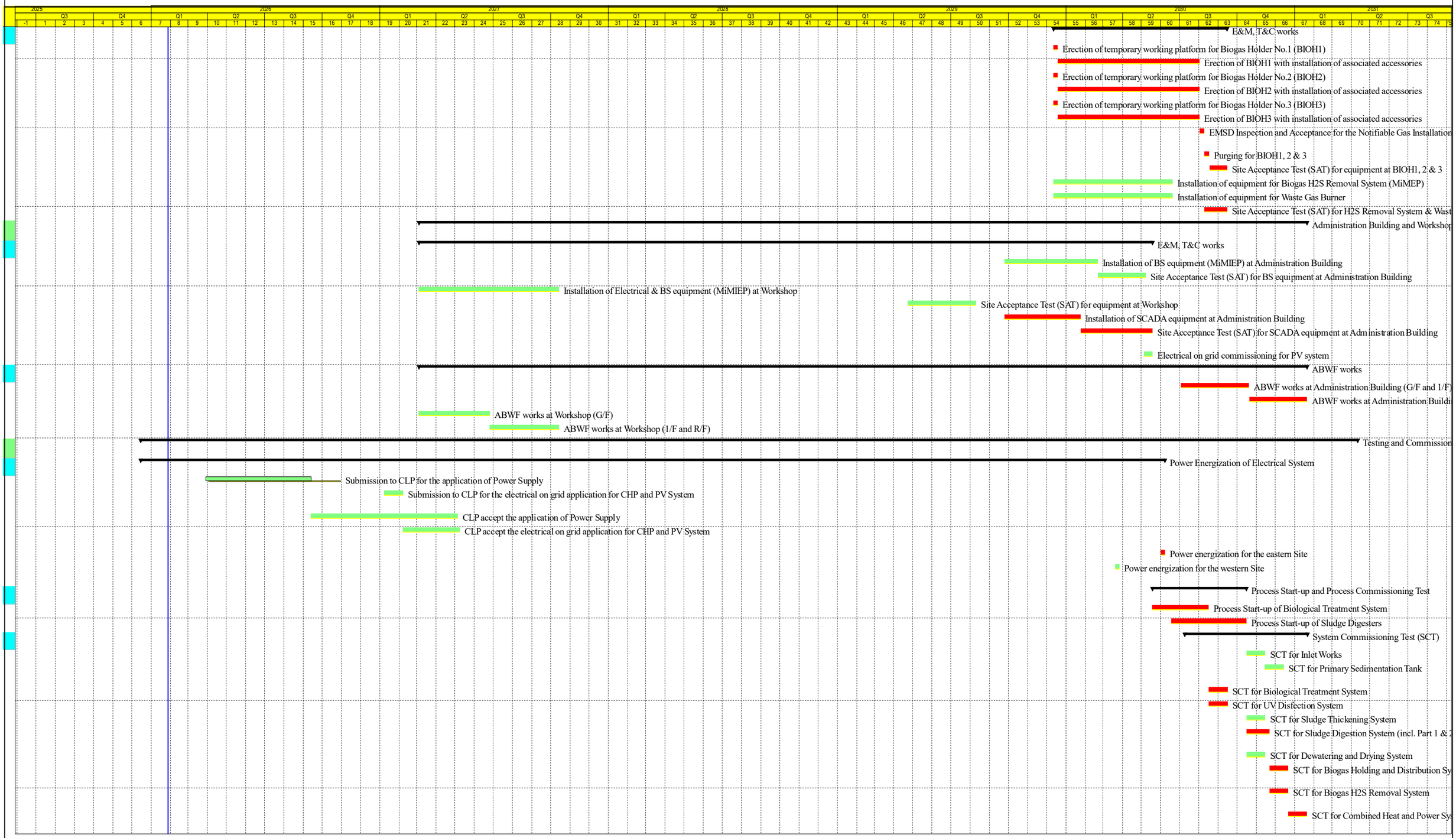

Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

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Date	Revision	Checked	Approved
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Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
S1-SCT-10070	SCT for Deodorization System	30			17-Aug-30	15-Sep-30	22-Dec-30	20-Jan-31	127	3	S1-BTB-20080, S1-SDSDB-10070, S1-SSB-10020, S1-IWSTB-10050, S1-PST-10090, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-20000, S1-PCT-10000
S1-SCT-10080	SCT for Plant Service Water System and Process Water System	30			16-Sep-30	15-Oct-30	16-Sep-30	15-Oct-30	0	0	S1-SCT-10010, S1-ABWS-10030, S1-ABWS-10010, S1-PST-10090, S1-IWSTB-10050, S1-SSB-10020, S1-SDSDB-10070, S1-UBAB-20030,	S1-SCT-10030, S1-SCT-10000, S1-SCT-10020, S1-SCT-10040, S1-PCT-10000, S1-SCT-10001
S1-SCT-10090	FSD inspection and acceptance for the DG Licence	60			09-Jul-30	06-Sep-30	23-Sep-30	21-Nov-30	76	3	CDS-DDA-50110, S1-BTB-20070, S1-CHP-10060, S1-UBAB-20020, S1-SDSDB-10050, S1-SSB-10010, S1-IWSTB-10040, S1-PST-10070,	S1-SCT-10100
S1-SCT-10100	FSD full inspection and issurance FS172 or Acceptance Letter	60			22-Nov-30	20-Jan-31	22-Nov-30	20-Jan-31	0	0	S1-CHP-10060, S1-UBAB-20020, S1-SDSDB-10050, S1-SSB-10010, S1-IWSTB-10040, S1-PST-10070, S1-SDB-10040, S1-ABWS-10000,	S1-SCT-20000
S1-SCT-20000	Planned Completion of KDE5	0				21-Jan-31		20-Jan-31	0	0	S1-SCT-10060, S1-SCT-10070, S1-SCT-10100, S1-BTB-30030, S1-BTB-20081, S1-SDSDB-10080, S1-IWSTB-10060, S1-ABWS-10080, S1-ABWS-10045,	S210000
Plant Commissioning Test (PCT)		80			21-Jan-31	11-Apr-31	12-Mar-31	10-Apr-31	0			
S1-PCT-10000	Plant Commissioning Test	30			21-Jan-31	19-Feb-31	12-Mar-31	10-Apr-31	50	3	S1-SCT-10000, S1-SCT-10010, S1-SCT-10020, S1-SCT-10030, S1-SCT-10040, S1-SCT-10050, S1-SCT-10060, S1-SCT-10070, S1-SCT-10080, CGS20030,	S1-PCT-20000
S1-PCT-20000	Planned Completion of Section 1 of the works	0				11-Apr-31		10-Apr-31	0	0	S1-PCT-10000, S1-BTB-30040, S1-BTB-20071	
Section 2 of the Works-Completion of fully coordinated as-built BIM I		95			21-Jan-31	26-Apr-31	30-Jan-31	25-Apr-31	0			
S210000	Submission of the as-built BIM model	40			21-Jan-31	11-Mar-31	30-Jan-31	17-Mar-31	5	1	S1-SCT-20000, BIM10050	S210010
S210010	Comment and Approval of the as-built BIM model	30			12-Mar-31	19-Apr-31	18-Mar-31	25-Apr-31	5	1	S210000	S210020
S210020	Planned Completion of Section 2 of the works	0				26-Apr-31		25-Apr-31	0	0	S210010	PCC10020

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

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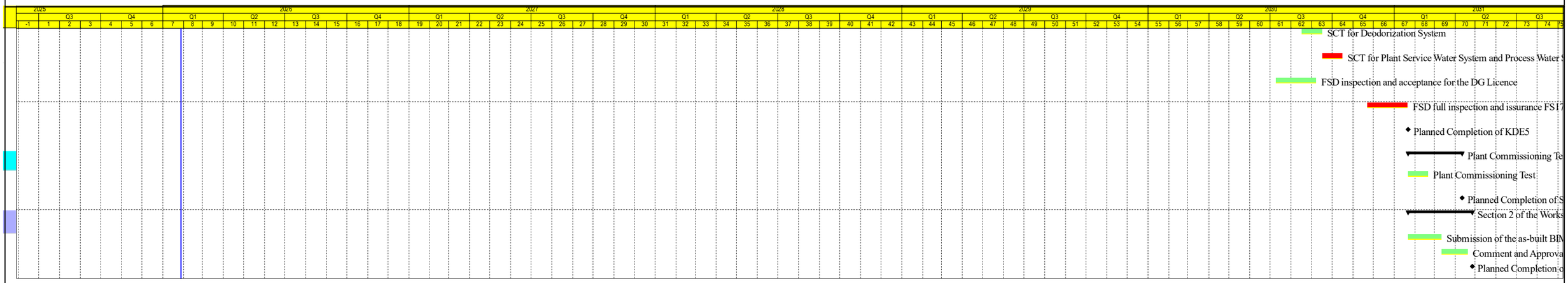

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28-Dec-25	B	JNKW	BLCH

Updated Programme (as of 28-01-2026)

Programme ID: HSKEPP-C3-Prog-03

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
HSEPP Phase 1 - E&M works and Biological Treatment Buildin		2100	26-Jul-25		28-Jan-26	26-Apr-31	03-Sep-25	25-Apr-31	0			
Project Commencement and Completion		0			26-Apr-31	26-Apr-31	25-Apr-31	25-Apr-31	0			
PCC10020	Completion Date	0				26-Apr-31		25-Apr-31	0	0	S210020	
Access Date		1221			21-May-26	23-Sep-29	20-May-26	22-Sep-29	0			
ACD10000	Working Area WA1	0			21-May-2		20-May-2		0	0	ITF10020	PRE00050
ACD10010	Working Area WA6	0			25-Dec-28		24-Dec-28		0	0	ITF10020	
ACD10020	Working Area WA7	0			25-Dec-27		24-Dec-27		0	0	ITF10020	
ACD10030	Portion 1C	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000, PRE00000, PRE00010
ACD10040	Portion 6D	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-ABWS-10000, S1-ABWS-10040, S1-ABWS-10060, S1-BTB-00000
ACD10050	Portion 7	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-ABWS-10020, S1-ABWS-10050, S1-BTB-00000
ACD10060	Portion 8	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000
ACD10070	Portion 8A	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000
ACD10080	Portion 9B	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000
ACD10090	Portion 13B	0			21-Feb-27		20-Feb-27		0	0	ITF10020	S1-BTB-10000, S1-BTB-00000
ACD10100	Portion 1A	0			24-Oct-28		23-Oct-28		0	0	ITF10020	
ACD10110	Portion 1B	0			24-Oct-28		23-Oct-28		0	0	ITF10020	
ACD10120	Portion 1D	0			24-Oct-28		23-Oct-28		0	0	ITF10020	
ACD10130	Portion 3	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-SSB-10000, S1-SSB-10010
ACD10140	Portion 10	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-CHP-10000, S1-CHP-10020, S1-CHP-10050
ACD10150	Portion 10A	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-UBAB-20020, S1-UBAB-20010, S1-UBAB-20021
ACD10160	Portion 12A	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-UBAB-10030
ACD10170	Portion 12B	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-UBAB-10030
ACD10180	Portion 12C	0			24-Oct-28		23-Oct-28		0	0	ITF10020	S1-UBAB-10030
ACD10190	Portion 2	0			24-Nov-28		23-Nov-28		0	0	ITF10020	S1-SDSDB-10000, S1-SDSDB-10020, S1-SDSDB-10040, S1-SDSDB-10030
ACD10200	Portion 4	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-IWSTB-10000, S1-IWSTB-10030
ACD10210	Portion 5	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-PST-10000, S1-PST-10010, S1-PST-10060, S1-PST-10070
ACD10220	Portion 6A	0			23-Sep-29		22-Sep-29		0	0	ITF10020	
ACD10230	Portion 6B	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-ABWS-10000, S1-ABWS-10040, S1-ABWS-10060
ACD10240	Portion 6C	0			23-Sep-29		22-Sep-29		0	0	ITF10020	
ACD10250	Portion 9A	0			23-Sep-29		22-Sep-29		0	0	ITF10020	
ACD10260	Portion 11	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-SD1-10000, S1-SD2-10000, S1-SD3-10000, S1-SD4-10000, S1-SDB-10000, S1-BIOH-10050, S1-SDB-10020
ACD10270	Portion 13A	0			23-Sep-29		22-Sep-29		0	0	ITF10020	S1-IWSTB-10000, S1-IWSTB-10030
Key Date and Section of the Works		1858			25-Mar-26	26-Apr-31	24-Mar-26	25-Apr-31	0			
Contractual Completion of Key Date		1763			25-Mar-26	21-Jan-31	24-Mar-26	20-Jan-31	0			
KEY10000	KDE1-Completion of Design and Construction Requirements for SDSDB and SSB in accordance with the contract...	0				25-Mar-26		24-Mar-26	0	0		
KEY10010	KDE2-Completion of Design and Construction Requirements for IWSTB, PST, CHPB, SD No.1-4, SDB, Utility Bridge...	0				25-Jun-26		24-Jun-26	0	0		
KEY10020	KDE2A-Completion of all design for the civil,structural and geotechnical works for the Biological Treatment Building	0				24-Aug-26		23-Aug-26	0	0		
KEY10030	KDE3-Completion of Design and Construction Requirements for Administration Building and Workshop	0				25-Dec-26		24-Dec-26	0	0		
KEY10040	KDE4-Completion of all design and obtain all statutory approvals for the commencement of installation of Plant...	0				25-Jun-27		24-Jun-27	0	0		
KEY10050	KDE5-Completion of installation, SAT and SCT and the associated works of E&M works for all sewage and sludge treatment..	0				21-Jan-31		20-Jan-31	0	0		
Section of Works		15			11-Apr-31	26-Apr-31	10-Apr-31	25-Apr-31	0			
KEY20000	Section 1-Completion of all works except the works in section 2 and the Establishment Works	0				11-Apr-31		10-Apr-31	0	0		
KEY20010	Section 2-Completion of fully coordinated as-built BIM Model	0				26-Apr-31		25-Apr-31	0	0		
Preliminaries, Contractor's Design, Method Statement Submission a		734	26-Jul-25		28-Jan-26	30-Jul-27	03-Sep-25	24-Jun-27	-35			
Contractor's Design Submission and Approval		734	26-Jul-25		28-Jan-26	30-Jul-27	03-Sep-25	24-Jun-27	-35			
Major Permanent Works Design		734	26-Jul-25		28-Jan-26	30-Jul-27	03-Sep-25	24-Jun-27	-35			
CDS10030	Submission of Process and Insrumentation Diagram (P&ID)	30	24-Sep-25		28-Jan-26	08-Feb-26	03-Sep-25	15-Sep-25	-147	0	CDS10020	CDS10040, PRO10020
CDS10040	Comment and Approval of Process and Insrumentation Diagram (P&ID)	25	27-Nov-25		09-Feb-26	26-Feb-26	15-Sep-25	02-Oct-25	-147	0	CDS10030	CDS10050, CDS-DDA-60020, CDS-AIP-30040, CDS-AIP-30080, CDS-AIP-30100, CDS-AIP-30120, CDS-AIP-30150, CDS-AIP-30170,

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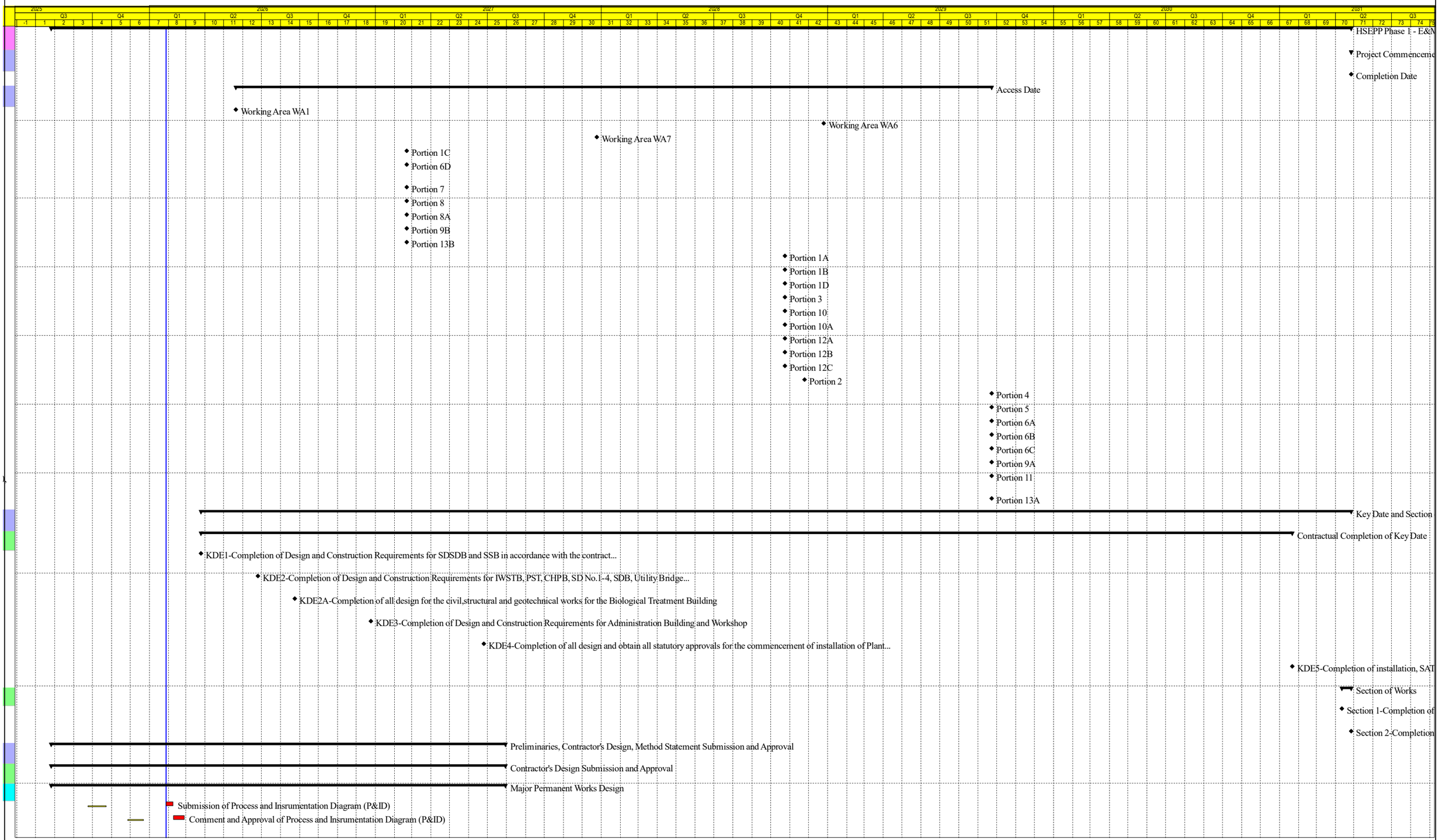

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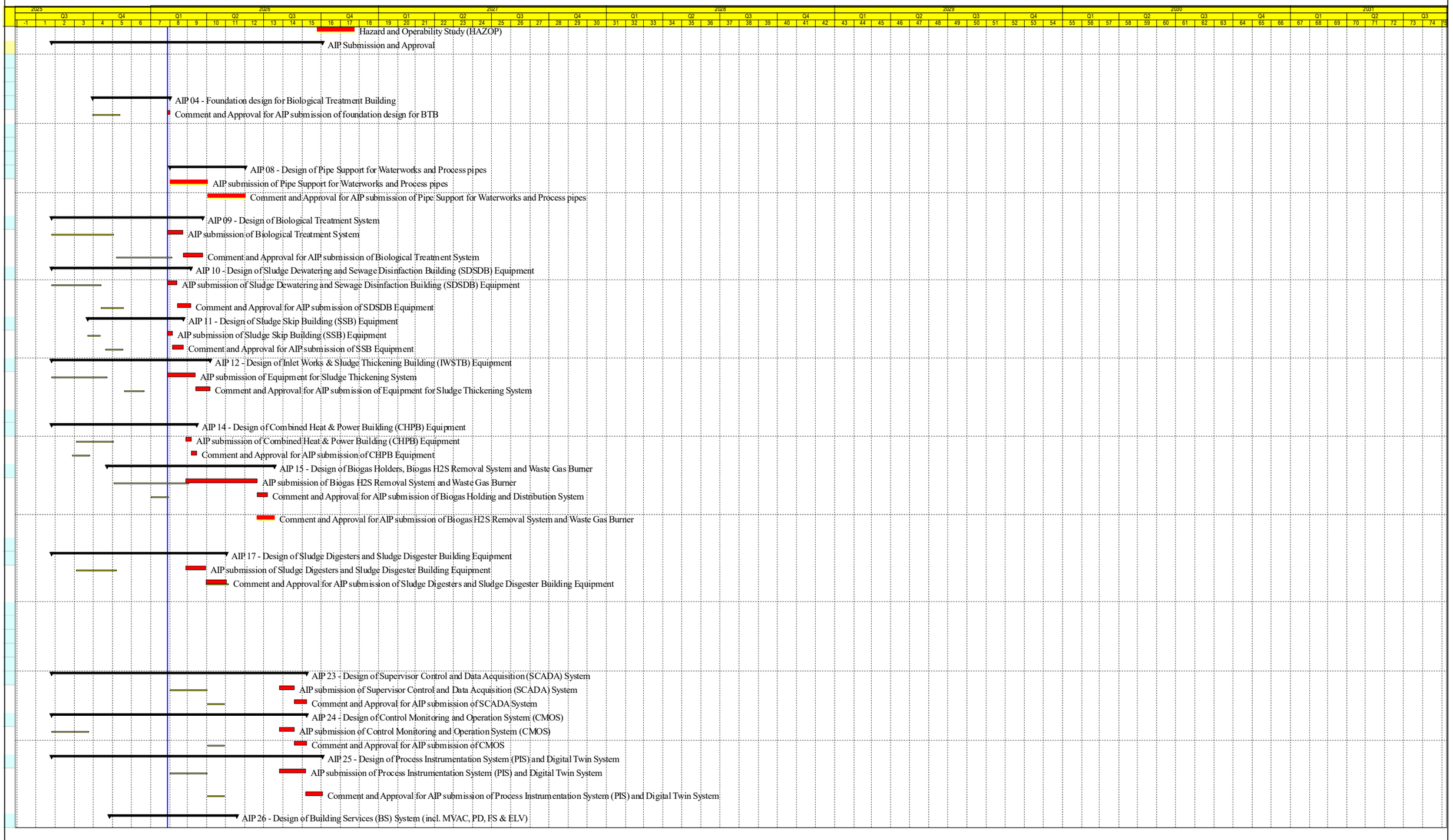
Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
CDS10050	Hazard and Operability Study (HAZOP)	60			24-Sep-26	23-Nov-26	01-May-2	29-Jun-26	-147	0	CDS10040, CGS10050	CDS-DDA-60020
AIP Submission and Approval		358	26-Jul-25		28-Jan-26	03-Oct-26	12-Oct-25	28-Aug-26	-35			
AIP 01 - Hydraulic Design		0							0			
AIP 02 - DfMA design for Civil Structure of Biological Treatment Building		0							0			
AIP 03 - DfMA design for E&M works		0							0			
AIP 04 - Foundation design for Biological Treatment Building		44	30-Sep-25		28-Jan-26	01-Feb-26	15-Nov-25	19-Nov-25	-73			
CDS-AIP-20050	Comment and Approval for AIP submission of foundation design for BTB	44	30-Sep-25		28-Jan-26	01-Feb-26	15-Nov-25	19-Nov-25	-73	0	CDS-AIP-20040	CDS-DDA-20040, CDS-AIP-20120
AIP 05 - Structural design for Biological Treatment Building		0							0			
AIP 06 - ABWF design for Biological Treatment Building		0							0			
AIP 07 - ABWF design for Administration Building and Workshop		0							0			
AIP 08 - Design of Pipe Support for Waterworks and Process pipes		120			01-Feb-26	01-Jun-26	27-Dec-25	25-Apr-26	-36			
CDS-AIP-20120	AIP submission of Pipe Support for Waterworks and Process pipes	60			01-Feb-26	02-Apr-26	27-Dec-25	24-Feb-26	-36	0	CGS10050, SUB20000, CDS-AIP-20050	CDS-AIP-20130
CDS-AIP-20130	Comment and Approval for AIP submission of Pipe Support for Waterworks and Process pipes	60			02-Apr-26	01-Jun-26	25-Feb-26	25-Apr-26	-36	0	CDS-AIP-20120	CDS-DDA-20120
AIP 09 - Design of Biological Treatment System		194	26-Jul-25		28-Jan-26	25-Mar-26	12-Oct-25	07-Feb-26	-46			
CDS-AIP-30000	AIP submission of Biological Treatment System	100	26-Jul-25		28-Jan-26	21-Feb-26	12-Oct-25	06-Nov-25	-108	0	SUB20110, CGS10050, CDS10020	CDS-AIP-30010, CDS-AIP-20060, CDS-AIP-20040, CDS-AIP-30020, CDS-AIP-30060, CDS-AIP-30065
CDS-AIP-30010	Comment and Approval for AIP submission of Biological Treatment System	90	07-Nov-25		22-Feb-26	25-Mar-26	07-Jan-26	07-Feb-26	-46	0	CDS-AIP-30000	CDS-DDA-30000, CDS-DDA-20050, CDS-DDA-20070, CDS-DDA-30030
AIP 10 - Design of Sludge Dewatering and Sewage Disinfaction Building (SDSDB) Equipment		116	26-Jul-25		28-Jan-26	06-Mar-26	12-Oct-25	18-Nov-25	-108			
CDS-AIP-30020	AIP submission of Sludge Dewatering and Sewage Disinfaction Building (SDSDB) Equipment	80	26-Jul-25		28-Jan-26	12-Feb-26	12-Oct-25	28-Oct-25	-108	0	CGS10050, CDS-AIP-30000, CDS10020	CDS-AIP-30030
CDS-AIP-30030	Comment and Approval for AIP submission of SDSDB Equipment	36	21-Oct-25		13-Feb-26	06-Mar-26	28-Oct-25	18-Nov-25	-108	0	CDS-AIP-30020	CDS-DDA-30020
AIP 11 - Design of Sludge Skip Building (SSB) Equipment		57	22-Sep-25		28-Jan-26	22-Feb-26	27-Oct-25	21-Nov-25	-92			
CDS-AIP-30040	AIP submission of Sludge Skip Building (SSB) Equipment	21	22-Sep-25		28-Jan-26	05-Feb-26	27-Oct-25	05-Nov-25	-92	0	CGS10050, CDS10040	CDS-AIP-30050
CDS-AIP-30050	Comment and Approval for AIP submission of SSB Equipment	28	21-Oct-25		05-Feb-26	22-Feb-26	05-Nov-25	21-Nov-25	-92	0	CDS-AIP-30040	CDS-DDA-30040
AIP 12 - Design of Inlet Works & Sludge Thickening Building (IWSTB) Equipment		149	26-Jul-25		28-Jan-26	06-Apr-26	20-Dec-25	26-Feb-26	-39			
CDS-AIP-30065	AIP submission of Equipment for Sludge Thickening System	90	26-Jul-25		28-Jan-26	13-Mar-26	20-Dec-25	02-Feb-26	-39	0	CGS10050, CDS-AIP-30000, CDS10020	CDS-AIP-30070, CDS-AIP-30075
CDS-AIP-30075	Comment and Approval for AIP submission of Equipment for Sludge Thickening System	32	20-Nov-25		14-Mar-26	06-Apr-26	03-Feb-26	26-Feb-26	-39	0	CDS-AIP-30060, CDS-AIP-30065	CDS-DDA-30065
AIP 13 - Design of Primary Sedimentation Tank (PST) Equipment		0							0			
AIP 14 - Design of Combined Heat & Power Building (CHPB) Equipment		66	26-Jul-25		26-Feb-26	15-Mar-26	22-Feb-26	11-Mar-26	-4			
CDS-AIP-30100	AIP submission of Combined Heat & Power Building (CHPB) Equipment	60	26-Jul-25		26-Feb-26	07-Mar-26	22-Feb-26	03-Mar-26	-4	2	CGS10050, CDS10040	CDS-AIP-30110
CDS-AIP-30110	Comment and Approval for AIP submission of CHPB Equipment	28	28-Aug-25		07-Mar-26	15-Mar-26	03-Mar-26	11-Mar-26	-4	2	CDS-AIP-30100	CDS-DDA-30100, CDS-AIP-40012
AIP 15 - Design of Biogas Holders, Biogas H2S Removal System and Waste Gas Burner		257	23-Oct-25		26-Feb-26	18-Jul-26	29-Jan-26	19-Jun-26	-29			
CDS-AIP-30125	AIP submission of Biogas H2S Removal System and Waste Gas Burner	120	03-Nov-25		26-Feb-26	20-Jun-26	29-Jan-26	22-May-26	-29	0	CGS10050, CDS10040	CDS-AIP-30130, CDS-AIP-30135
CDS-AIP-30130	Comment and Approval for AIP submission of Biogas Holding and Distribution System	28	23-Oct-25		20-Jun-26	07-Jul-26	03-Jun-26	19-Jun-26	-17	1	CDS-AIP-30120, CDS-AIP-30125	CDS-DDA-30120, CDS-AIP-30140
CDS-AIP-30135	Comment and Approval for AIP submission of Biogas H2S Removal System and Waste Gas Burner	28			20-Jun-26	18-Jul-26	23-May-26	19-Jun-26	-29	0	CDS-AIP-30120, CDS-AIP-30125	CDS-AIP-30140, CDS-DDA-30125
AIP 16 - Design of Utility Bridge and Access Building Equipment		0							0			
AIP 17 - Design of Sludge Digesters and Sludge Disgester Building Equipment		244	26-Jul-25		26-Feb-26	02-May-26	24-Dec-25	26-Feb-26	-64			
CDS-AIP-30170	AIP submission of Sludge Digesters and Sludge Disgester Building Equipment	65	26-Jul-25		26-Feb-26	30-Mar-26	24-Dec-25	25-Jan-26	-64	0	CGS10050, CDS10040	CDS-AIP-30180
CDS-AIP-30180	Comment and Approval for AIP submission of Sludge Digesters and Sludge Disgester Building Equipment	36	22-Jan-26		31-Mar-26	02-May-26	25-Jan-26	26-Feb-26	-64	0	CDS-AIP-30170	CDS-DDA-30160
AIP 18 - Design of Deodorization (DO) System		0							0			
AIP 19 - Design of Lifting Appliances (LA) Equipment		0							0			
AIP 20 - Design of Process Water System and Plant Service Water System		0							0			
AIP 21 - Design of Electrical System		0							0			
AIP 22 - Design of Earthing and Lightning System		0							0			
AIP 23 - Design of Supervisor Control and Data Acquisition (SCADA) System		88	26-Jul-25		26-Jul-26	08-Sep-26	16-Jul-26	28-Aug-26	-10			
CDS-AIP-40040	AIP submission of Supervisor Control and Data Acquisition (SCADA) System	60	26-Jul-25		26-Jul-26	19-Aug-26	16-Jul-26	09-Aug-26	-10	2	CGS10050, CDS10040	CDS-AIP-40050
CDS-AIP-40050	Comment and Approval for AIP submission of SCADA System	28	05-Sep-25		19-Aug-26	08-Sep-26	09-Aug-26	28-Aug-26	-10	2	CDS-AIP-40040	CDS-DDA-40040
AIP 24 - Design of Control Monitoring and Operation System (CMOS)		278	26-Jul-25		26-Jul-26	08-Sep-26	16-Jul-26	28-Aug-26	-10			
CDS-AIP-40060	AIP submission of Control Monitoring and Operation System (CMOS)	60	26-Jul-25		26-Jul-26	19-Aug-26	16-Jul-26	09-Aug-26	-10	0	CGS10050, CDS10040	CDS-AIP-40070
CDS-AIP-40070	Comment and Approval for AIP submission of CMOS	28	05-Sep-25		19-Aug-26	08-Sep-26	09-Aug-26	28-Aug-26	-10	0	CDS-AIP-40060	CDS-DDA-40060
AIP 25 - Design of Process Instrumentation System (PIS) and Digital Twin System		88	26-Jul-25		26-Jul-26	03-Oct-26	21-Jun-26	28-Aug-26	-35			
CDS-AIP-40080	AIP submission of Process Instrumentation System (PIS) and Digital Twin System	60	26-Jul-25		26-Jul-26	06-Sep-26	21-Jun-26	02-Aug-26	-35	0	CGS10050, CDS10040	CDS-AIP-40090
CDS-AIP-40090	Comment and Approval for AIP submission of Process Instrumentation System (PIS) and Digital Twin System	28	05-Sep-25		06-Sep-26	03-Oct-26	02-Aug-26	28-Aug-26	-35	0	CDS-AIP-40080	CDS-DDA-40080
AIP 26 - Design of Building Services (BS) System (incl. MVAC, PD, FS & ELV)		218	27-Oct-25		26-Feb-26	19-May-26	05-Jan-26	30-Apr-26	-19			

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (Critical Path)

Programme ID: HSKEPP-C3-Prog-03

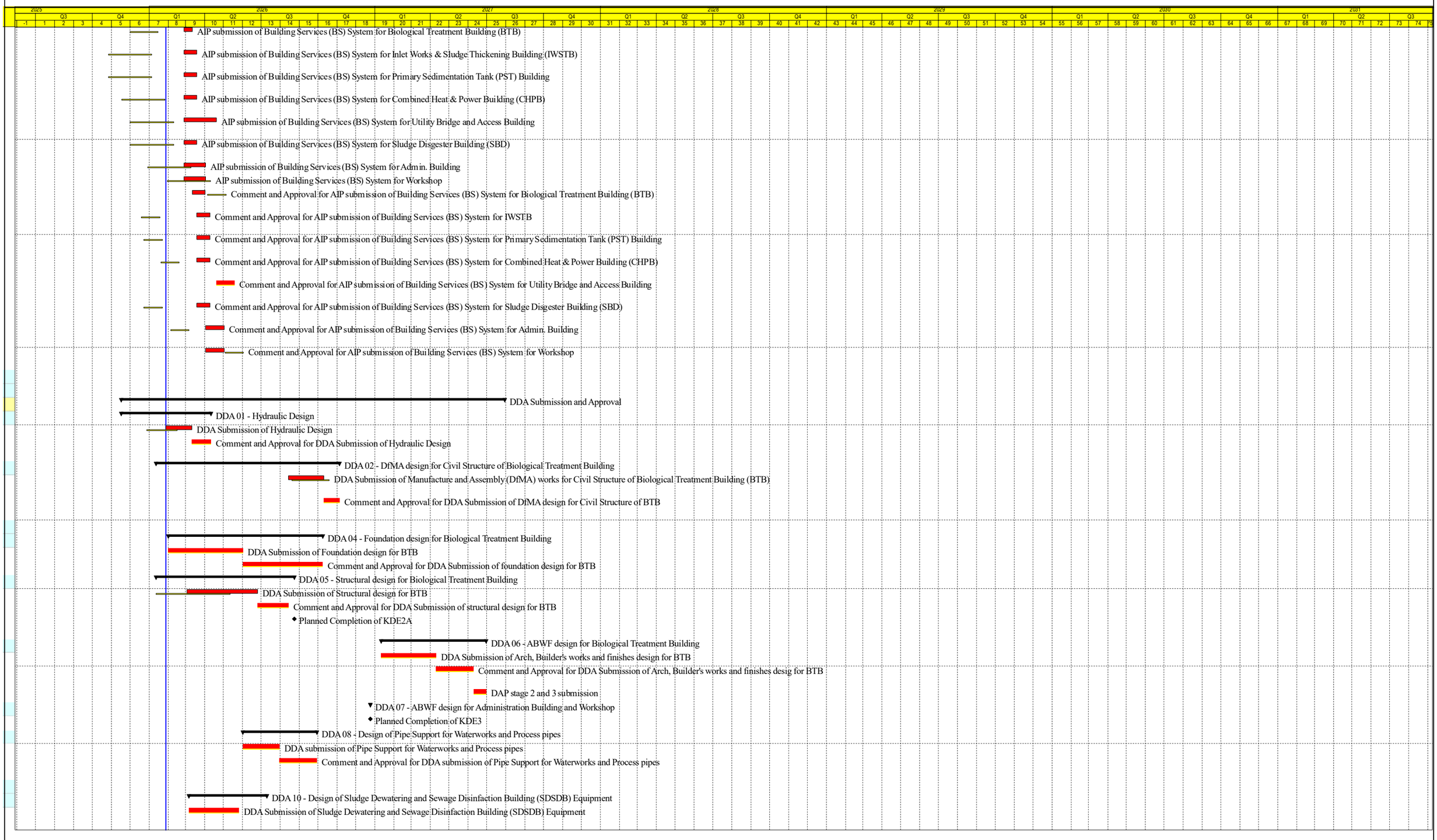
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
CDS-AIP-50001	AIP submission of Building Services (BS) System for Biological Treatment Building (BTB)	45	01-Dec-25		26-Feb-26	11-Mar-26	22-Feb-26	07-Mar-26	-4	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50021
CDS-AIP-50004	AIP submission of Building Services (BS) System for Inlet Works & Sludge Thickening Building (IWSTB)	70	27-Oct-25		26-Feb-26	19-Mar-26	31-Jan-26	20-Feb-26	-27	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50024
CDS-AIP-50005	AIP submission of Building Services (BS) System for Primary Sedimentation Tank (PST) Building	70	27-Oct-25		26-Feb-26	19-Mar-26	31-Jan-26	20-Feb-26	-27	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50025
CDS-AIP-50006	AIP submission of Building Services (BS) System for Combined Heat & Power Building (CHPB)	70	17-Nov-25		26-Feb-26	19-Mar-26	15-Feb-26	07-Mar-26	-12	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50026
CDS-AIP-50007	AIP submission of Building Services (BS) System for Utility Bridge and Access Building	70	01-Dec-25		26-Feb-26	19-Apr-26	05-Jan-26	26-Feb-26	-52	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50027
CDS-AIP-50008	AIP submission of Building Services (BS) System for Sludge Disgester Building (SBD)	70	01-Dec-25		26-Feb-26	19-Mar-26	15-Feb-26	07-Mar-26	-12	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50028
CDS-AIP-50009	AIP submission of Building Services (BS) System for Admin. Building	70	29-Dec-25		26-Feb-26	02-Apr-26	25-Feb-26	31-Mar-26	-2	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50029
CDS-AIP-50010	AIP submission of Building Services (BS) System for Workshop	70	29-Dec-25		26-Feb-26	02-Apr-26	25-Feb-26	31-Mar-26	-2	0	CGS10050, CDS10040	CDS-AIP-50200, CDS-AIP-50030
CDS-AIP-50021	Comment and Approval for AIP submission of Building Services (BS) System for Biological Treatment Building (BTB)	30	22-Jan-26		12-Mar-26	01-Apr-26	08-Mar-26	28-Mar-26	-4	0	CDS-AIP-50001	CDS-AIP-50200, CDS-AIP-50120, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-AIP-50110, CDS-DDA-50000
CDS-AIP-50024	Comment and Approval for AIP submission of Building Services (BS) System for IWSTB	30	19-Dec-25		19-Mar-26	09-Apr-26	21-Feb-26	13-Mar-26	-27	0	CDS-AIP-50004	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50003
CDS-AIP-50025	Comment and Approval for AIP submission of Building Services (BS) System for Primary Sedimentation Tank (PST) Building	30	23-Dec-25		19-Mar-26	09-Apr-26	21-Feb-26	13-Mar-26	-27	0	CDS-AIP-50005	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50004
CDS-AIP-50026	Comment and Approval for AIP submission of Building Services (BS) System for Combined Heat & Power Building (CHPB)	30	20-Jan-26		19-Mar-26	09-Apr-26	08-Mar-26	28-Mar-26	-12	0	CDS-AIP-50006	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50005
CDS-AIP-50027	Comment and Approval for AIP submission of Building Services (BS) System for Utility Bridge and Access Building	30			20-Apr-26	19-May-26	27-Feb-26	28-Mar-26	-52	0	CDS-AIP-50007	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50006
CDS-AIP-50028	Comment and Approval for AIP submission of Building Services (BS) System for Sludge Disgester Building (SBD)	30	23-Dec-25		19-Mar-26	09-Apr-26	08-Mar-26	28-Mar-26	-12	0	CDS-AIP-50008	CDS-AIP-50200, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50007
CDS-AIP-50029	Comment and Approval for AIP submission of Building Services (BS) System for Admin. Building	30	05-Feb-26		02-Apr-26	02-May-26	01-Apr-26	30-Apr-26	-2	0	CDS-AIP-50009	CDS-AIP-50200, CDS-AIP-50120, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50008
CDS-AIP-50030	Comment and Approval for AIP submission of Building Services (BS) System for Workshop	30	05-Feb-26		02-Apr-26	02-May-26	01-Apr-26	30-Apr-26	-2	0	CDS-AIP-50010	CDS-AIP-50200, CDS-AIP-50120, CDS-AIP-50130, CDS-AIP-50140, CDS-AIP-50100, CDS-DDA-50009
AIP 27 - Design of BS Equipment		0							0			
AIP 28 - Design of Gas Detection System		0							0			
DDA Submission and Approval		584	17-Nov-25		28-Jan-26	30-Jul-27	19-Nov-25	24-Jun-27	-35			
DDA 01 - Hydraulic Design		105	17-Nov-25		28-Jan-26	11-Apr-26	15-Dec-25	26-Feb-26	-44			
CDS-DDA-10000	DDA Submission of Hydraulic Design	50	17-Nov-25		28-Jan-26	11-Mar-26	15-Dec-25	26-Jan-26	-44	0	CDS-AIP-10010	CDS-DDA-10010
CDS-DDA-10010	Comment and Approval for DDA Submission of Hydraulic Design	31			11-Mar-26	11-Apr-26	27-Jan-26	26-Feb-26	-44	0	CDS-DDA-10000	CDS-DDA-60020, CDS-DDA-30060, CDS-DDA-30080, CDS-DDA-30000, CDS10060, CDS-DDA-30065
DDA 02 - DfMA design for Civil Structure of Biological Treatment Building		77	12-Jan-26		14-Aug-26	05-Nov-26	02-Jun-26	23-Aug-26	-73			
CDS-DDA-20000	DDA Submission of Manufacture and Assembly (DfMA) works for Civil Structure of Biological Treatment Building (BTB)	60	12-Jan-26		14-Aug-26	10-Oct-26	02-Jun-26	28-Jul-26	-73	0	CDS-AIP-20010, CDS-DDA-20070	CDS-DDA-20010
CDS-DDA-20010	Comment and Approval for DDA Submission of DfMA design for Civil Structure of BTB	26			10-Oct-26	05-Nov-26	29-Jul-26	23-Aug-26	-73	0	CDS-DDA-20000	PFW00010, S1-BTB-10000, S1-BTB-10090, CDS-DDA-20071, CDS-DDA-60020, PFW00000, S1-BTB-10100
DDA 03 - DfMA design for E&M works		0							0			
DDA 04 - Foundation design for Biological Treatment Building		250			01-Feb-26	09-Oct-26	20-Nov-25	23-Aug-26	-46			
CDS-DDA-20040	DDA Submission of Foundation design for BTB	120			01-Feb-26	01-Jun-26	20-Nov-25	19-Mar-26	-73	0	CDS-AIP-20050	CDS-DDA-20050, CDS-DDA-20060
CDS-DDA-20050	Comment and Approval for DDA Submission of foundation design for BTB	130			01-Jun-26	09-Oct-26	16-Apr-26	23-Aug-26	-46	0	CDS-DDA-20040, CDS-AIP-30010	CDS-DDA-20071, CDS-DDA-60020, MSS10020, CDST10000
DDA 05 - Structural design for Biological Treatment Building		224	12-Jan-26		03-Mar-26	24-Aug-26	20-Dec-25	23-Aug-26	0			
CDS-DDA-20060	DDA Submission of Structural design for BTB	120	12-Jan-26		03-Mar-26	25-Jun-26	20-Dec-25	12-Apr-26	-73	0	CDS-DDA-20040, CDS-AIP-20070	CDS-DDA-20070, CDS-DDA-20080
CDS-DDA-20070	Comment and Approval for DDA Submission of structural design for BTB	50			25-Jun-26	14-Aug-26	13-Apr-26	01-Jun-26	-73	0	CDS-DDA-20060, CDS-AIP-30010	MSS10060, CDS-DDA-20071, CDS-DDA-60020, CDS-DDA-20000
CDS-DDA-20071	Planned Completion of KDE2A	0				24-Aug-26		23-Aug-26	0	0	CDS-DDA-20010, CDS-DDA-20050, CDS-DDA-20070, CDS-DDA-20130, CDS-DDA-50020	
DDA 06 - ABWF design for Biological Treatment Building		171			11-Jan-27	30-Jun-27	05-Jan-27	24-Jun-27	-6			
CDS-DDA-20080	DDA Submission of Arch, Builder's works and finishes design for BTB	90			11-Jan-27	10-Apr-27	05-Jan-27	04-Apr-27	-6	0	CDS-DDA-20060, CDS-AIP-20090	CDS-DDA-20090
CDS-DDA-20090	Comment and Approval for DDA Submission of Arch, Builder's works and finishes desig for BTB	60			10-Apr-27	09-Jun-27	04-Apr-27	03-Jun-27	-6	0	CDS-DDA-20080	CDS-DDA-20091
CDS-DDA-20091	DAP stage 2 and 3 submission	21			10-Jun-27	30-Jun-27	04-Jun-27	24-Jun-27	-6	0	CDS-DDA-20090	CDS-DDA-60020, MSS10080
DDA 07 - ABWF design for Administration Building and Workshop		0			25-Dec-26	25-Dec-26	24-Dec-26	24-Dec-26	0			
CDS-DDA-20111	Planned Completion of KDE3	0				25-Dec-26		24-Dec-26	0	0	CDS-DDA-20110, CDS-DDA-50028, CDS-DDA-50029	
DDA 08 - Design of Pipe Support for Waterworks and Process pipes		120			01-Jun-26	29-Sep-26	26-Apr-26	23-Aug-26	-36			
CDS-DDA-20120	DDA submission of Pipe Support for Waterworks and Process pipes	60			01-Jun-26	31-Jul-26	26-Apr-26	24-Jun-26	-36	0	CDS-AIP-20130, SUB20170	CDS-DDA-20130
CDS-DDA-20130	Comment and Approval for DDA submission of Pipe Support for Waterworks and Process pipes	60			31-Jul-26	29-Sep-26	25-Jun-26	23-Aug-26	-36	0	CDS-DDA-20120	CDS-DDA-20071, CDS-DDA-60020, MSS20200
DDA 09 - Design of Biological Treatment System		0							0			
DDA 10 - Design of Sludge Dewatering and Sewage Disinfaction Building (SDSDB) Equipment		126			06-Mar-26	10-Jul-26	19-Nov-25	24-Mar-26	-108			
CDS-DDA-30020	DDA Submission of Sludge Dewatering and Sewage Disinfaction Building (SDSDB) Equipment	81			06-Mar-26	26-May-26	19-Nov-25	07-Feb-26	-108	0	CDS-AIP-30030	CDS-DDA-30030, PRO10020, PRO10040

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (Critical Path)

Programme ID: HSKEPP-C3-Prog-03

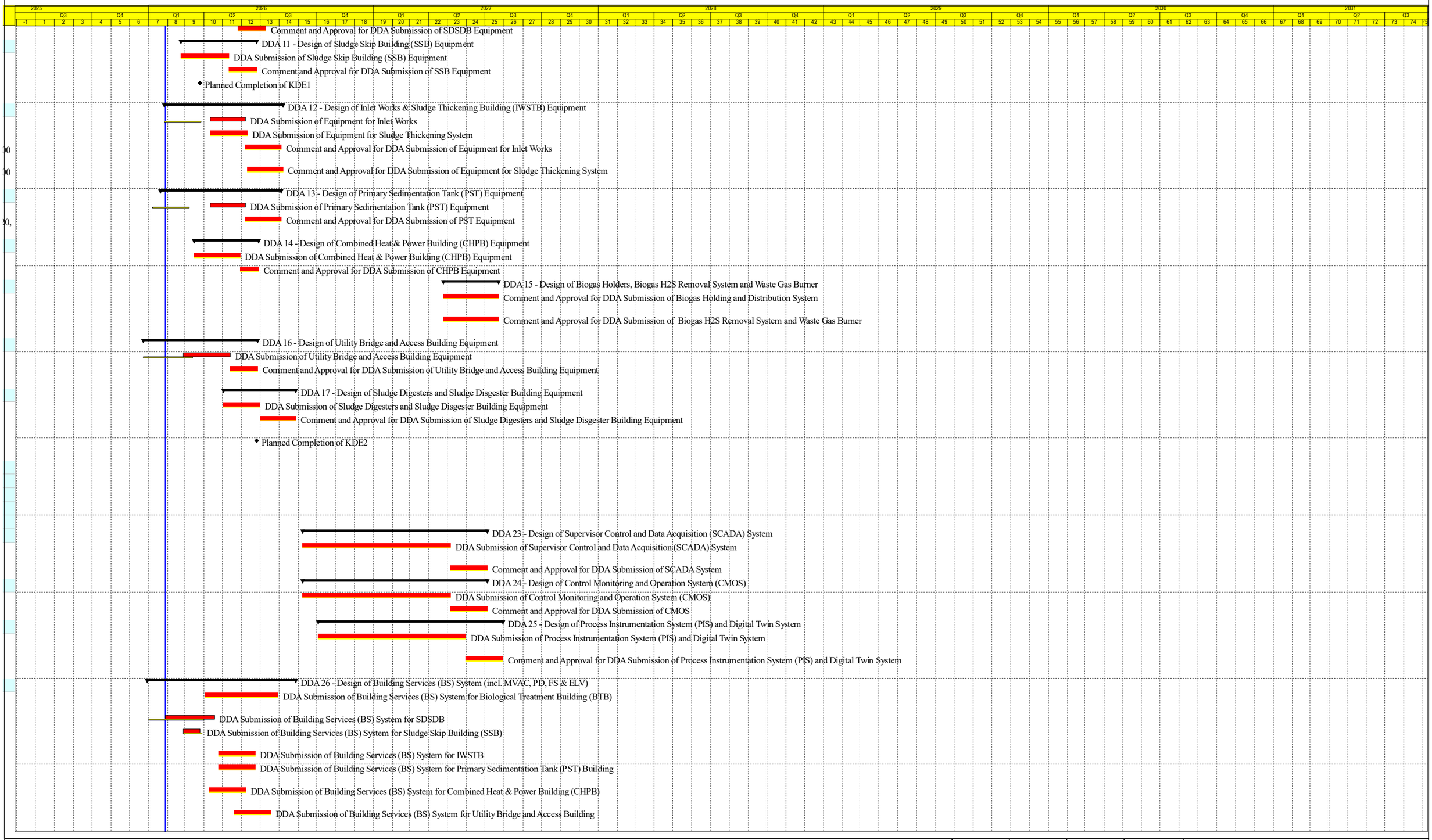
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
CDS-DDA-30030	Comment and Approval for DDA Submission of SDSDB Equipment	45			26-May-2	10-Jul-26	08-Feb-26	24-Mar-26	-108	0	CDS-DDA-30020, CDS-AIP-30010	MSS20020, CDS-DDA-30051, CDS-DDA-60020, MSS20200
DDA 11 - Design of Sludge Skip Building (SSB) Equipment		123			22-Feb-26	25-Jun-26	22-Nov-25	24-Mar-26	-92			
CDS-DDA-30040	DDA Submission of Sludge Skip Building (SSB) Equipment	78			22-Feb-26	11-May-26	22-Nov-25	07-Feb-26	-92	0	CDS-AIP-30050	CDS-DDA-30050, PRO10020, PRO10050
CDS-DDA-30050	Comment and Approval for DDA Submission of SSB Equipment	45			11-May-2	25-Jun-26	08-Feb-26	24-Mar-26	-92	0	CDS-DDA-30040	MSS20040, CDS-DDA-30051, CDS-DDA-60020
CDS-DDA-30051	Planned Completion of KDE1	0				25-Mar-26		24-Mar-26	0	0	CDS-DDA-30030, CDS-DDA-30050, SUB20010, SUB20020, SUB20030, SUB20040, SUB20050, SUB20060, SUB20070, SUB20080, SUB20090,	
DDA 12 - Design of Inlet Works & Sludge Thickening Building (IWSTB) Equipment		193	26-Jan-26		11-Apr-26	07-Aug-26	27-Feb-26	24-Jun-26	-44			
CDS-DDA-30060	DDA Submission of Equipment for Inlet Works	60	26-Jan-26		11-Apr-26	07-Jun-26	02-Mar-26	27-Apr-26	-41	0	CDS-AIP-30070, CDS-DDA-10010	CDS-DDA-30070, PRO10020, PRO10060
CDS-DDA-30065	DDA Submission of Equipment for Sludge Thickening System	60			11-Apr-26	10-Jun-26	27-Feb-26	27-Apr-26	-44	0	CDS-DDA-10010, CDS-AIP-30075	PRO10020, PRO10060, CDS-DDA-30075
CDS-DDA-30070	Comment and Approval for DDA Submission of Equipment for Inlet Works	58			07-Jun-26	04-Aug-26	28-Apr-26	24-Jun-26	-41	0	CDS-DDA-30060	MSS20060, S1-IWSTB-10000, CDS-DDA-30171, CDS-DDA-60020, MSS20200
CDS-DDA-30075	Comment and Approval for DDA Submission of Equipment for Sludge Thickening System	58			10-Jun-26	07-Aug-26	28-Apr-26	24-Jun-26	-44	0	CDS-DDA-30065	MSS20060, S1-IWSTB-10000, CDS-DDA-30171, CDS-DDA-60020, MSS20200
DDA 13 - Design of Primary Sedimentation Tank (PST) Equipment		209	20-Jan-26		11-Apr-26	04-Aug-26	02-Mar-26	24-Jun-26	-41			
CDS-DDA-30080	DDA Submission of Primary Sedimentation Tank (PST) Equipment	60	20-Jan-26		11-Apr-26	07-Jun-26	02-Mar-26	27-Apr-26	-41	0	CDS-AIP-30090, CDS-DDA-10010	CDS-DDA-30090, PRO10020, PRO10070
CDS-DDA-30090	Comment and Approval for DDA Submission of PST Equipment	58			07-Jun-26	04-Aug-26	28-Apr-26	24-Jun-26	-41	0	CDS-DDA-30080	MSS20080, S1-PST-10000, S1-PST-10010, CDS-DDA-30171, CDS-DDA-60020, MSS20200
DDA 14 - Design of Combined Heat & Power Building (CHPB) Equipment		105			15-Mar-26	28-Jun-26	12-Mar-26	24-Jun-26	-4			
CDS-DDA-30100	DDA Submission of Combined Heat & Power Building (CHPB) Equipment	75			15-Mar-26	29-May-26	12-Mar-26	25-May-26	-4	2	CDS-AIP-30110	CDS-DDA-30110, PRO10020, PRO10080
CDS-DDA-30110	Comment and Approval for DDA Submission of CHPB Equipment	30			29-May-2	28-Jun-26	26-May-2	24-Jun-26	-4	2	CDS-DDA-30100	MSS20100, CDS-DDA-30171, CDS-DDA-60020
DDA 15 - Design of Biogas Holders, Biogas H2S Removal System and Waste Gas Burner		90			24-Apr-27	23-Jul-27	27-Mar-27	24-Jun-27	-29			
CDS-DDA-30130	Comment and Approval for DDA Submission of Biogas Holding and Distribution System	90			24-Apr-27	23-Jul-27	27-Mar-27	24-Jun-27	-29	0	CDS-DDA-30120, CDS-DDA-30132	MSS20120, CDS-DDA-60020, MSS20200
CDS-DDA-30131	Comment and Approval for DDA Submission of Biogas H2S Removal System and Waste Gas Burner	90			24-Apr-27	23-Jul-27	27-Mar-27	24-Jun-27	-29	0	CDS-DDA-30132, CDS-DDA-30125	MSS20120, CDS-DDA-60020, MSS20200
DDA 16 - Design of Utility Bridge and Access Building Equipment		186	23-Dec-25		26-Feb-26	27-Jun-26	24-Feb-26	24-Jun-26	-3			
CDS-DDA-30140	DDA Submission of Utility Bridge and Access Building Equipment	80	23-Dec-25		26-Feb-26	13-May-26	24-Feb-26	10-May-26	-3	2	CDS-AIP-30160	CDS-DDA-30150, PRO10020, PRO10100
CDS-DDA-30150	Comment and Approval for DDA Submission of Utility Bridge and Access Building Equipment	45			13-May-26	27-Jun-26	11-May-26	24-Jun-26	-3	2	CDS-DDA-30140	MSS20140, S1-UBAB-10000, S1-UBAB-10010, S1-UBAB-20020, S1-UBAB-20010, CDS-DDA-60020, CDS-DDA-30171, S1-UBAB-20021
DDA 17 - Design of Sludge Digesters and Sludge Disgester Building Equipment		118			02-May-2	28-Aug-26	27-Feb-26	24-Jun-26	-64			
CDS-DDA-30160	DDA Submission of Sludge Digesters and Sludge Disgester Building Equipment	60			02-May-2	01-Jul-26	27-Feb-26	27-Apr-26	-64	0	CDS-AIP-30180	CDS-DDA-30170, PRO10020, PRO10110
CDS-DDA-30170	Comment and Approval for DDA Submission of Sludge Digesters and Sludge Disgester Building Equipment	58			01-Jul-26	28-Aug-26	28-Apr-26	24-Jun-26	-64	0	CDS-DDA-30160	MSS20160, S1-SD1-10000, S1-SD2-10000, S1-SD3-10000, S1-SD4-10000, S1-SDB-10000, CDS-DDA-30171, CDS-DDA-60020, MSS20200
CDS-DDA-30171	Planned Completion of KDE2	0				25-Jun-26		24-Jun-26	0	0	CDS-DDA-30070, CDS-DDA-30090, CDS-DDA-30110, CDS-DDA-30170, CDS-DDA-30150, CDS-DDA-50023, CDS-DDA-50025, CDS-DDA-50026,	S1-UBAB-10000
DDA 18 - Design of Deodorization (DO) System		0							0			
DDA 19 - Design of Lifting Appliances (LA) Equipment		0							0			
DDA 20 - Design of Process Water System and Plant Service Water System		0							0			
DDA 21 - Design of Electrical System		0							0			
DDA 22 - Design of Earthing and Lightning System		0							0			
DDA 23 - Design of Supervisor Control and Data Acquisition (SCADA) System		300			08-Sep-26	05-Jul-27	29-Aug-26	24-Jun-27	-10			
CDS-DDA-40040	DDA Submission of Supervisor Control and Data Acquisition (SCADA) System	240			08-Sep-26	06-May-27	29-Aug-26	25-Apr-27	-10	2	CDS-AIP-40050	CDS-DDA-40050, PRO20040
CDS-DDA-40050	Comment and Approval for DDA Submission of SCADA System	60			06-May-2	05-Jul-27	26-Apr-27	24-Jun-27	-10	2	CDS-DDA-40040	CDS-DDA-60020, S1-ABWS-10060
DDA 24 - Design of Control Monitoring and Operation System (CMOS)		300			08-Sep-26	05-Jul-27	29-Aug-26	24-Jun-27	-10			
CDS-DDA-40060	DDA Submission of Control Monitoring and Operation System (CMOS)	240			08-Sep-26	06-May-27	29-Aug-26	25-Apr-27	-10	0	CDS-AIP-40070	CDS-DDA-40070, PRO20040
CDS-DDA-40070	Comment and Approval for DDA Submission of CMOS	60			06-May-2	05-Jul-27	26-Apr-27	24-Jun-27	-10	0	CDS-DDA-40060	CDS-DDA-60020
DDA 25 - Design of Process Instrumentation System (PIS) and Digital Twin System		300			03-Oct-26	30-Jul-27	29-Aug-26	24-Jun-27	-35			
CDS-DDA-40080	DDA Submission of Process Instrumentation System (PIS) and Digital Twin System	240			03-Oct-26	31-May-27	29-Aug-26	25-Apr-27	-35	0	CDS-AIP-40090	CDS-DDA-40090, PRO20040
CDS-DDA-40090	Comment and Approval for DDA Submission of Process Instrumentation System (PIS) and Digital Twin System	60			31-May-27	30-Jul-27	26-Apr-27	24-Jun-27	-35	0	CDS-DDA-40080	CDS-DDA-60020
DDA 26 - Design of Building Services (BS) System (incl. MVAC, PD, FS & ELV)		239	29-Dec-25		28-Jan-26	27-Aug-26	06-Dec-25	23-Aug-26	-4			
CDS-DDA-50000	DDA Submission of Building Services (BS) System for Biological Treatment Building (BTB)	120			02-Apr-26	30-Jul-26	29-Mar-26	26-Jul-26	-4	0	CDS-AIP-50021	CDS-DDA-50200, CDS-DDA-50020
CDS-DDA-50001	DDA Submission of Building Services (BS) System for SDSDB	90	30-Dec-25		28-Jan-26	18-Apr-26	06-Dec-25	24-Feb-26	-53	0	CDS-AIP-50022	CDS-DDA-50200, CDS-DDA-50021
CDS-DDA-50002	DDA Submission of Building Services (BS) System for Sludge Skip Building (SSB)	30	29-Dec-25		26-Feb-26	25-Mar-26	29-Jan-26	24-Feb-26	-29	0	CDS-AIP-50023	CDS-DDA-50200, CDS-DDA-50022
CDS-DDA-50003	DDA Submission of Building Services (BS) System for IWSTB	60			24-Apr-26	23-Jun-26	29-Mar-26	27-May-26	-27	0	CDS-AIP-50024	CDS-DDA-50200, CDS-DDA-50023
CDS-DDA-50004	DDA Submission of Building Services (BS) System for Primary Sedimentation Tank (PST) Building	60			24-Apr-26	23-Jun-26	29-Mar-26	27-May-26	-27	0	CDS-AIP-50025	CDS-DDA-50200, CDS-DDA-50024
CDS-DDA-50005	DDA Submission of Building Services (BS) System for Combined Heat & Power Building (CHPB)	60			09-Apr-26	08-Jun-26	29-Mar-26	27-May-26	-12	0	CDS-AIP-50026	CDS-DDA-50200, CDS-DDA-50025
CDS-DDA-50006	DDA Submission of Building Services (BS) System for Utility Bridge and Access Building	60			20-May-26	18-Jul-26	29-Mar-26	27-May-26	-52	0	CDS-AIP-50027	CDS-DDA-50200, CDS-DDA-50026

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (Critical Path)

Programme ID: HSKEPP-C3-Prog-03

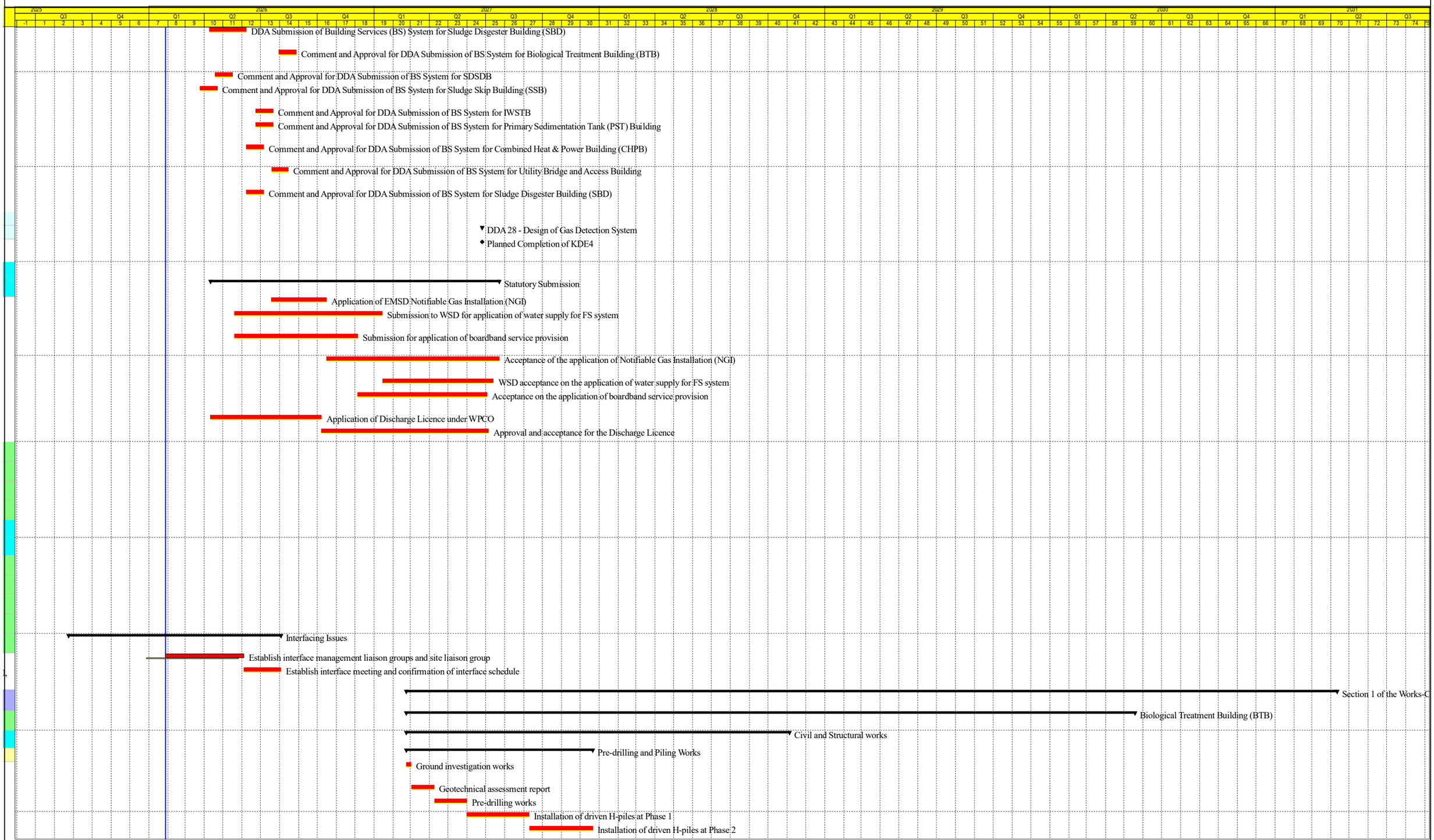
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
CDS-DDA-50007	DDA Submission of Building Services (BS) System for Sludge Disgester Building (SBD)	60			09-Apr-26	08-Jun-26	29-Mar-26	27-May-26	-12	0	CDS-AIP-50028	CDS-DDA-50200, CDS-DDA-50027
CDS-DDA-50020	Comment and Approval for DDA Submission of BS System for Biological Treatment Building (BTB)	28			31-Jul-26	27-Aug-26	27-Jul-26	23-Aug-26	-4	0	CDS-DDA-50000	MSS20180, CDS-DDA-60020, CDS-DDA-20071
CDS-DDA-50021	Comment and Approval for DDA Submission of BS System for SDSDB	28			19-Apr-26	16-May-26	25-Feb-26	24-Mar-26	-53	0	CDS-DDA-50001	MSS20180, CDS-DDA-60020, CDS-DDA-30051
CDS-DDA-50022	Comment and Approval for DDA Submission of BS System for Sludge Skip Building (SSB)	28			25-Mar-26	22-Apr-26	25-Feb-26	24-Mar-26	-29	0	CDS-DDA-50002	MSS20180, CDS-DDA-60020, CDS-DDA-30051
CDS-DDA-50023	Comment and Approval for DDA Submission of BS System for IWSTB	28			23-Jun-26	21-Jul-26	28-May-2	24-Jun-26	-27	0	CDS-DDA-50003	MSS20180, CDS-DDA-60020, CDS-DDA-30171
CDS-DDA-50024	Comment and Approval for DDA Submission of BS System for Primary Sedimentation Tank (PST) Building	28			23-Jun-26	21-Jul-26	28-May-26	24-Jun-26	-27	0	CDS-DDA-50004	MSS20180, CDS-DDA-60020, CDS-DDA-30171
CDS-DDA-50025	Comment and Approval for DDA Submission of BS System for Combined Heat & Power Building (CHPB)	28			08-Jun-26	06-Jul-26	28-May-26	24-Jun-26	-12	0	CDS-DDA-50005	MSS20180, CDS-DDA-60020, CDS-DDA-30171
CDS-DDA-50026	Comment and Approval for DDA Submission of BS System for Utility Bridge and Access Building	28			19-Jul-26	15-Aug-26	28-May-26	24-Jun-26	-52	0	CDS-DDA-50006	MSS20180, CDS-DDA-60020, CDS-DDA-30171
CDS-DDA-50027	Comment and Approval for DDA Submission of BS System for Sludge Disgester Building (SBD)	28			08-Jun-26	06-Jul-26	28-May-26	24-Jun-26	-12	0	CDS-DDA-50007	MSS20180, CDS-DDA-60020, CDS-DDA-30171
DDA 27 - Design of BS Equipment		0							0			
DDA 28 - Design of Gas Detection System		0			25-Jun-27	25-Jun-27	24-Jun-27	24-Jun-27	0			
CDS-DDA-60020	Planned Completion of KDE4	0				25-Jun-27		24-Jun-27	0	0	CDS10040, CDS-DDA-10010, CDS-DDA-20010, CDS-DDA-20030, CDS-DDA-20050, CDS-DDA-20070, CDS-DDA-20110, CDS-DDA-30010,	CGS20020
Major Temporary Works Design		0							0			
Statutory Submission		468			11-Apr-26	23-Jul-27	01-Apr-26	24-Jun-27	-29			
CDS-AIP-30140	Application of EMSD Notifiable Gas Installation (NGI)	90			18-Jul-26	16-Oct-26	20-Jun-26	17-Sep-26	-29	0	CDS-AIP-30130, CDS-AIP-30135	CDS-DDA-30132
CDS-AIP-50130	Submission to WSD for application of water supply for FS system	240			20-May-26	14-Jan-27	01-May-26	26-Dec-26	-19	0	CDS-AIP-50021, CDS-AIP-50022, CDS-AIP-50023, CDS-AIP-50024, CDS-AIP-50025, CDS-AIP-50026, CDS-AIP-50027, CDS-AIP-50028,	CDS-DDA-50130
CDS-AIP-50140	Submission for application of boardband service provision	200			20-May-26	05-Dec-26	11-May-26	26-Nov-26	-9	3	CDS-AIP-50021, CDS-AIP-50022, CDS-AIP-50023, CDS-AIP-50024, CDS-AIP-50025, CDS-AIP-50026, CDS-AIP-50027, CDS-AIP-50028,	CDS-DDA-50140
CDS-DDA-30132	Acceptance of the application of Notifiable Gas Installation (NGI)	280			16-Oct-26	23-Jul-27	18-Sep-26	24-Jun-27	-29	0	CDS-AIP-30140	CDS-DDA-60020, S1-BIOH-20000, S1-BIOH-20020, S1-BIOH-20040, CDS-DDA-30130, CDS-DDA-30131
CDS-DDA-50130	WSD acceptance on the application of water supply for FS system	180			15-Jan-27	13-Jul-27	27-Dec-26	24-Jun-27	-19	0	CDS-AIP-50130	CDS-DDA-60020, S1-SCT-10080
CDS-DDA-50140	Acceptance on the application of boardband service provision	210			06-Dec-26	03-Jul-27	27-Nov-26	24-Jun-27	-9	3	CDS-AIP-50140	CDS-DDA-60020, S1-SCT-10000, S1-SCT-10001, S1-SCT-10010, S1-SCT-10011, S1-SCT-10020, S1-SCT-10030, S1-SCT-10040, S1-SCT-10050,
CDS10060	Application of Discharge Licence under WPCO	180			11-Apr-26	08-Oct-26	01-Apr-26	27-Sep-26	-11	2	CDS10020, CDS10040, CDS-DDA-10010	CDS10070
CDS10070	Approval and acceptance for the Discharge Licence	270			08-Oct-26	05-Jul-27	28-Sep-26	24-Jun-27	-11	2	CDS10060	CDS-DDA-60020
Contractor's General Submission		0							0			
Contractor's Material Submission		0							0			
BIM Deliverables		0							0			
Subcontracting and Procurement		0							0			
Subcontracting		0							0			
E&M Equipment Procurement, FAT and Delivery		0							0			
Particular Submission of Key People and Specially Required Staffs		0							0			
Method Statement Submission and Approval for Major Construction Activ		0							0			
Preliminaries		0							0			
Precasting and Fabrication Works		0							0			
Interfacing Issues		219	24-Aug-25		28-Jan-26	03-Aug-26	14-Nov-25	20-May-26	-75			
ITF10010	Establish interface management liaison groups and site liaison group	150	24-Aug-25		28-Jan-26	04-Jun-26	14-Nov-25	21-Mar-26	-75	0	ITF10000	ITF10020
ITF10020	Establish interface meeting and confirmation of interface schedule	60			04-Jun-26	03-Aug-26	22-Mar-26	20-May-26	-75	0	ITF10010	S1-UBAB-10000, ACD10000, ACD10010, ACD10020, ACD10030, ACD10040, ACD10050, ACD10060, ACD10070, ACD10080, ACD10090,
Section 1 of the Works-Completion of All Works except the Works in		1509			22-Feb-27	11-Apr-31	22-Feb-27	10-Apr-31	0			
Biological Treatment Building (BTB)		1182			22-Feb-27	18-May-30	22-Feb-27	18-May-30	0			
Civil and Structural works		506			22-Feb-27	04-Nov-28	22-Feb-27	04-Nov-28	0			
Pre-drilling and Piling Works		249			22-Feb-27	21-Dec-27	22-Feb-27	21-Dec-27	0			
S1-BTB-10000	Ground investigation works	8			22-Feb-27	02-Mar-27	22-Feb-27	02-Mar-27	0	0	MSS10010, SUB20080, ACD10030, ACD10040, ACD10050, ACD10060, ACD10070, ACD10080, ACD10090, CDS-DDA-20010, S1-BTB-00000	S1-BTB-10010, S1-BTB-10005, S1-BTB-10001
S1-BTB-10001	Geotechnical assessment report	28			03-Mar-27	08-Apr-27	03-Mar-27	08-Apr-27	0	0	S1-BTB-10000	S1-BTB-10010
S1-BTB-10010	Pre-drilling works	43			09-Apr-27	31-May-27	09-Apr-27	31-May-27	0	0	S1-BTB-10000, S1-BTB-10001	S1-BTB-10030
S1-BTB-10030	Installation of driven H-piles at Phase 1	85			01-Jun-27	09-Sep-27	01-Jun-27	09-Sep-27	0	0	S1-BTB-10005, S1-BTB-10010	S1-BTB-10035
S1-BTB-10035	Installation of driven H-piles at Phase 2	85			10-Sep-27	21-Dec-27	10-Sep-27	21-Dec-27	0	0	S1-BTB-10005, S1-BTB-10030	S1-BTB-10040, S1-BTB-10050, S1-BTB-10080

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (Critical Path)

Programme ID: HSKEPP-C3-Prog-03

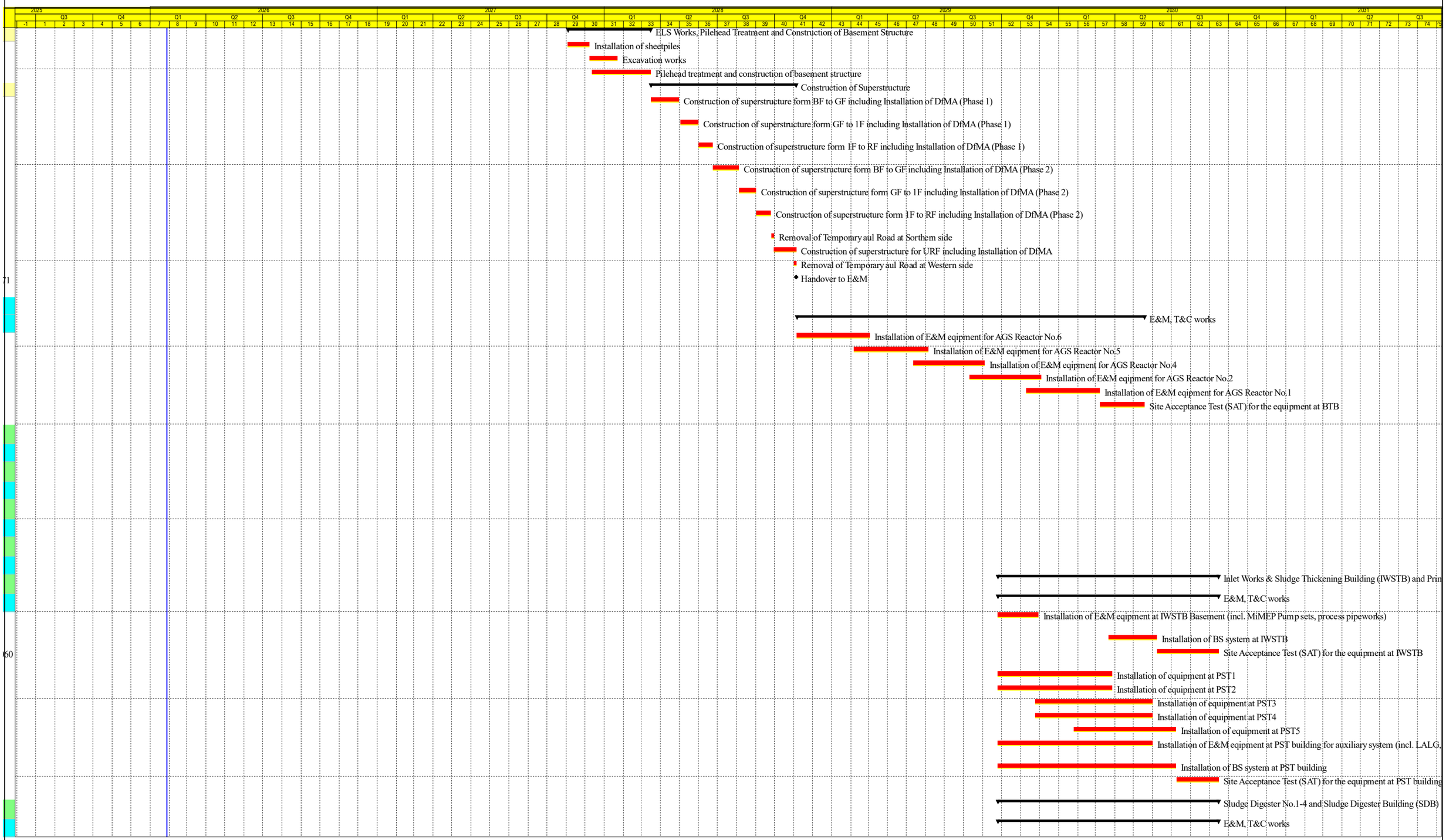
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
ELS Works, Pilehead Treatment and Construction of Basement Structure		108			04-Nov-27	15-Mar-28	04-Nov-27	15-Mar-28	0			
S1-BTB-10050	Installation of sheetpiles	30			04-Nov-27	08-Dec-27	04-Nov-27	08-Dec-27	0	0	MSS10030, CDST10030, S1-BTB-10035	S1-BTB-10060
S1-BTB-10060	Excavation works	36			09-Dec-27	22-Jan-28	09-Dec-27	22-Jan-28	0	0	S1-BTB-10050	S1-BTB-10070, S1-BTB-10051
S1-BTB-10070	Pilehead treatment and construction of basement structure	75			13-Dec-27	15-Mar-28	13-Dec-27	15-Mar-28	0	0	S1-BTB-10060, CDS-DDA-40030	S1-BTB-10090, S1-BTB-10100
Construction of Superstructure		190			16-Mar-28	04-Nov-28	16-Mar-28	04-Nov-28	0			
S1-BTB-10090	Construction of superstructure form BF to GF including Installation of DfMA (Phase 1)	35			16-Mar-28	29-Apr-28	16-Mar-28	29-Apr-28	0	0	S1-BTB-10080, CDS-DDA-20010, PFW00010, MSS10070, S1-BTB-10070, S1-BTB-10051	S1-BTB-10091
S1-BTB-10091	Construction of superstructure form GF to 1F including Installation of DfMA (Phase 1)	24			03-May-28	31-May-28	03-May-28	31-May-28	0	0	S1-BTB-10090	S1-BTB-10093, S1-BTB-10092
S1-BTB-10093	Construction of superstructure form 1F to RF including Installation of DfMA (Phase 1)	20			01-Jun-28	23-Jun-28	01-Jun-28	23-Jun-28	0	0	S1-BTB-10091	S1-BTB-10100, S1-BTB-10210
S1-BTB-10100	Construction of superstructure form BF to GF including Installation of DfMA (Phase 2)	35			24-Jun-28	04-Aug-28	24-Jun-28	04-Aug-28	0	0	S1-BTB-10080, CDS-DDA-20010, PFW00010, MSS10070, S1-BTB-10070, S1-BTB-10051, S1-BTB-10093	S1-BTB-10101
S1-BTB-10101	Construction of superstructure form GF to 1F including Installation of DfMA (Phase 2)	24			05-Aug-28	01-Sep-28	05-Aug-28	01-Sep-28	0	0	S1-BTB-10100	S1-BTB-10102, S1-BTB-10103
S1-BTB-10103	Construction of superstructure form 1F to RF including Installation of DfMA (Phase 2)	20			02-Sep-28	25-Sep-28	02-Sep-28	25-Sep-28	0	0	S1-BTB-10101	S1-BTB-10210, S1-BTB-10104, S1-BTB-10200
S1-BTB-10200	Removal of Temporary aul Road at Sorthern side	4			26-Sep-28	29-Sep-28	26-Sep-28	29-Sep-28	0	0	S1-BTB-10103	S1-BTB-10230, S1-BTB-10210
S1-BTB-10210	Construction of superstructure for URF including Installation of DfMA	28			30-Sep-28	04-Nov-28	30-Sep-28	04-Nov-28	0	0	S1-BTB-10103, S1-BTB-10093, S1-BTB-10200	S1-BTB-10230, S1-BTB-30040, S1-BTB-10220, S1-BTB-10220
S1-BTB-10220	Removal of Temporary aul Road at Western side	4			01-Nov-28	04-Nov-28	01-Nov-28	04-Nov-28	0	0	S1-BTB-10210, S1-BTB-10210	S1-BTB-10230, S1-BTB-10230
S1-BTB-10230	Handover to E&M	0				04-Nov-28		04-Nov-28	0	0	S1-BTB-10210, S1-BTB-10102, S1-BTB-10104, S1-BTB-10200, S1-BTB-10220, S1-BTB-10092, S1-BTB-10094, S1-BTB-10220	S1-BTB-20000, S1-BTB-20060, S1-BTB-20070, S1-BTB-30000, S1-BTB-20071
ABWF works		0							0			
E&M, T&C works		451			06-Nov-28	18-May-30	06-Nov-28	18-May-30	0			
S1-BTB-20000	Installation of E&M eqipment for AGS Reactor No.6	95			06-Nov-28	02-Mar-29	06-Nov-28	02-Mar-29	0	0	PRO10030, SUB20180, MSS20010, PFW00020, S1-BTB-10230	S1-BTB-20010
S1-BTB-20010	Installation of E&M eqipment for AGS Reactor No.5	95			05-Feb-29	05-Jun-29	05-Feb-29	05-Jun-29	0	0	S1-BTB-20000, PFW00020	S1-BTB-20020
S1-BTB-20020	Installation of E&M eqipment for AGS Reactor No.4	95			12-May-2	03-Sep-29	12-May-2	03-Sep-29	0	0	S1-BTB-20010, PFW00020	S1-BTB-20040
S1-BTB-20040	Installation of E&M eqipment for AGS Reactor No.2	95			11-Aug-29	03-Dec-29	11-Aug-29	03-Dec-29	0	0	PFW00020, S1-BTB-20020	S1-BTB-20050
S1-BTB-20050	Installation of E&M eqipment for AGS Reactor No.1	95			10-Nov-29	07-Mar-30	10-Nov-29	07-Mar-30	0	0	S1-BTB-20040, PFW00020	S1-BTB-20080
S1-BTB-20080	Site Acceptance Test (SAT) for the equipment at BTB	56			08-Mar-30	18-May-30	08-Mar-30	18-May-30	0	0	S1-BTB-20050, S1-BTB-20060, S1-BTB-20070, PRO00010, PRO00010, CGS20030	S1-PSU-10000, S1-SCT-10070, S1-SCT-10080, S1-BTB-20081
Combined Heat and Power (CHP) Building		0							0			
E&M, T&C works		0							0			
Utility Bridge and Access Building		0							0			
E&M, T&C works		0							0			
Sludge Dewatering and Sewage Disinfaction Building (SDSDB)		0							0			
E&M, T&C works		0							0			
Sludge Skip Building (SSB)		0							0			
E&M, T&C works		0							0			
Inlet Works & Sludge Thickening Building (IWSTB) and Primary Sediment		288			25-Sep-29	14-Sep-30	25-Sep-29	14-Sep-30	0			
E&M, T&C works		288			25-Sep-29	14-Sep-30	25-Sep-29	14-Sep-30	0			
S1-IWSTB-10000	Installation of E&M eqipment at IWSTB Basement (incl. MiMEP Pump sets, process pipeworks)	55			25-Sep-29	29-Nov-29	25-Sep-29	29-Nov-29	0	0	ACD10200, ACD10270, CDS-DDA-30070, PRO10060, MSS20070, PFW00020, CDS-DDA-30075	S1-IWSTB-10050, S1-IWSTB-10010, S1-IWSTB-10040
S1-IWSTB-10040	Installation of BS system at IWSTB	60			22-Mar-30	07-Jun-30	22-Mar-30	07-Jun-30	0	0	S1-IWSTB-10000	S1-IWSTB-10050, S1-SCT-10100, S1-SCT-10090
S1-IWSTB-10050	Site Acceptance Test (SAT) for the equipment at IWSTB	83			08-Jun-30	14-Sep-30	08-Jun-30	14-Sep-30	0	0	S1-IWSTB-10040, S1-IWSTB-10030, S1-IWSTB-10020, S1-IWSTB-10010, S1-IWSTB-10000, PRO00010, CGS20030, S1-PST-10080	S1-SCT-10000, S1-SCT-10020, S1-SCT-10070, S1-SCT-10080, S1-IWSTB-10060
S1-PST-10000	Installation of equipment at PST1	150			25-Sep-29	27-Mar-30	25-Sep-29	27-Mar-30	0	0	ACD10210, CDS-DDA-30090, PRO10070, MSS20090	S1-PST-10020, S1-PST-10030, S1-PST-10090
S1-PST-10010	Installation of equipment at PST2	150			25-Sep-29	27-Mar-30	25-Sep-29	27-Mar-30	0	0	ACD10210, CDS-DDA-30090, PRO10070, MSS20090	S1-PST-10020, S1-PST-10030, S1-PST-10090
S1-PST-10020	Installation of equipment at PST3	150			24-Nov-29	31-May-30	24-Nov-29	31-May-30	0	0	S1-PST-10000, S1-PST-10010	S1-PST-10040, S1-PST-10090
S1-PST-10030	Installation of equipment at PST4	150			24-Nov-29	31-May-30	24-Nov-29	31-May-30	0	0	S1-PST-10000, S1-PST-10010	S1-PST-10040, S1-PST-10090
S1-PST-10040	Installation of equipment at PST5	130			25-Jan-30	08-Jul-30	25-Jan-30	08-Jul-30	0	0	S1-PST-10020, S1-PST-10030	S1-PST-10090
S1-PST-10060	Installation of E&M eqipment at PST building for auxiliary system (incl. LALG, pipework, DO system, Elec. system, etc.)	200			25-Sep-29	31-May-30	25-Sep-29	31-May-30	0	0	ACD10210, CDS-DDA-30230, PRO20000, PRO20010, PRO20020, PRO20030, PRO20040	S1-PST-10090, S1-PST-10080
S1-PST-10070	Installation of BS system at PST building	230			25-Sep-29	08-Jul-30	25-Sep-29	08-Jul-30	0	0	ACD10210	S1-PST-10090, S1-SCT-10100, S1-SCT-10090
S1-PST-10090	Site Acceptance Test (SAT) for the equipment at PST building	58			09-Jul-30	14-Sep-30	09-Jul-30	14-Sep-30	0	0	S1-PST-10000, S1-PST-10010, S1-PST-10020, S1-PST-10030, S1-PST-10040, S1-PST-10060, S1-PST-10070, PRO00010, CGS20030, S1-PST-10080	S1-SCT-10070, S1-SCT-10080, S1-SCT-10001, S1-IWSTB-10060
Sludge Digester No.1-4 and Sludge Digester Building (SDB)		288			25-Sep-29	14-Sep-30	25-Sep-29	14-Sep-30	0			
E&M, T&C works		288			25-Sep-29	14-Sep-30	25-Sep-29	14-Sep-30	0			

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (Critical Path)

Programme ID: HSKEPP-C3-Prog-03

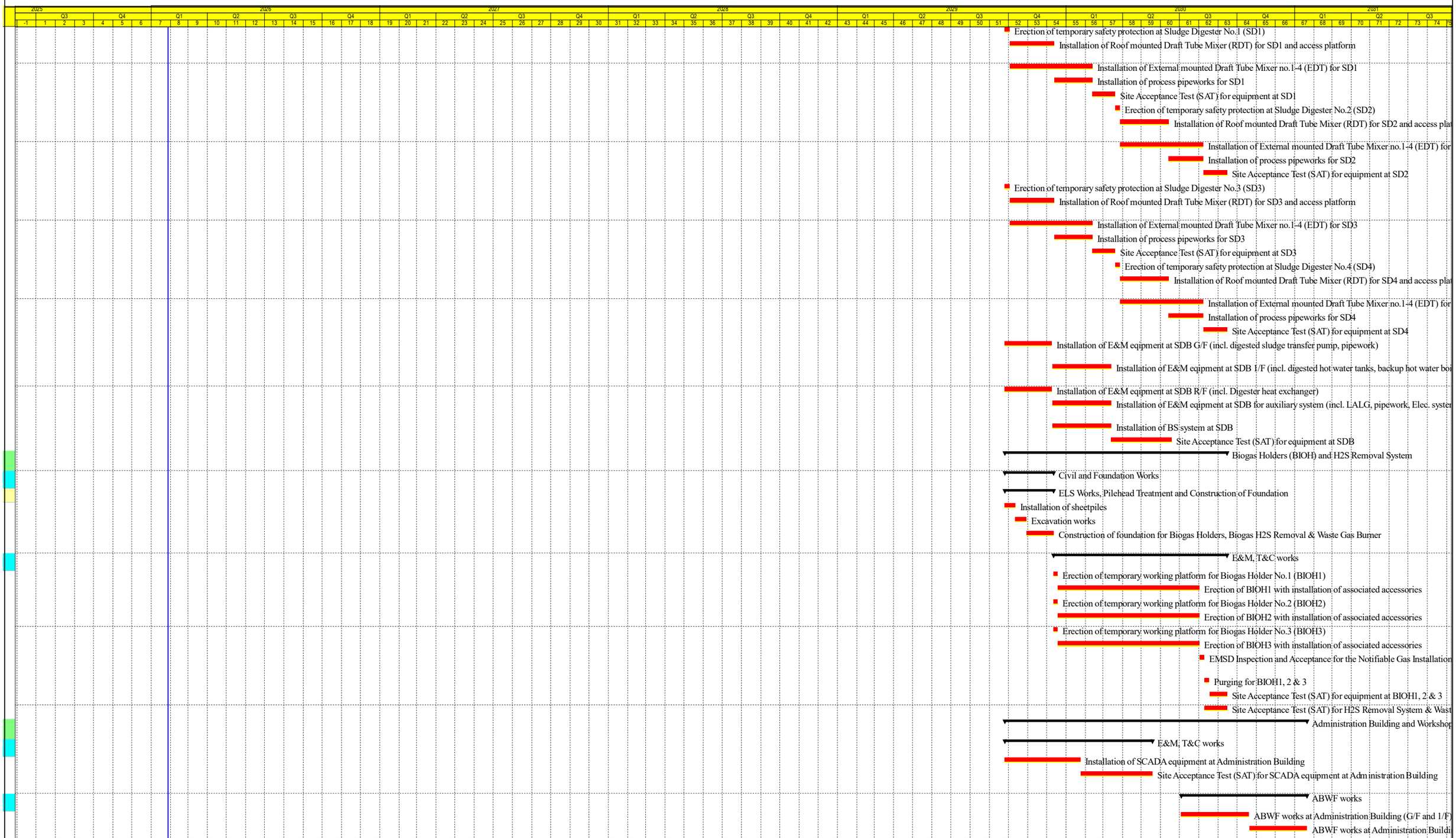
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
S1-SD1-10000	Erection of temporary safety protection at Sludge Digester No.1 (SD1)	6			25-Sep-29	02-Oct-29	25-Sep-29	02-Oct-29	0	0	ACD10260, CDS-DDA-30170, PRO10110, MSS20170	S1-SD1-10020, S1-SD1-10030
S1-SD1-10020	Installation of Roof mounted Draft Tube Mixer (RDT) for SD1 and access platform	60			03-Oct-29	12-Dec-29	03-Oct-29	12-Dec-29	0	0	S1-SD1-10000	S1-SD1-10040, S1-SD1-10050
S1-SD1-10030	Installation of External mounted Draft Tube Mixer no.1-4 (EDT) for SD1	106			03-Oct-29	11-Feb-30	03-Oct-29	11-Feb-30	0	0	S1-SD1-10000	S1-SD1-10050
S1-SD1-10040	Installation of process pipeworks for SD1	46			13-Dec-29	11-Feb-30	13-Dec-29	11-Feb-30	0	0	S1-SD1-10020	S1-SD1-10050
S1-SD1-10050	Site Acceptance Test (SAT) for equipment at SD1	32			12-Feb-30	20-Mar-30	12-Feb-30	20-Mar-30	0	0	S1-SD1-10040, S1-SD1-10030, S1-SD1-10020, PRO00010, CGS20030	S1-SD2-10000, S1-SCT-10080
S1-SD2-10000	Erection of temporary safety protection at Sludge Digester No.2 (SD2)	6			21-Mar-30	27-Mar-30	21-Mar-30	27-Mar-30	0	0	ACD10260, CDS-DDA-30170, PRO10110, MSS20170, S1-SD1-10050	S1-SD2-10020, S1-SD2-10030
S1-SD2-10020	Installation of Roof mounted Draft Tube Mixer (RDT) for SD2 and access platform	60			28-Mar-30	13-Jun-30	28-Mar-30	13-Jun-30	0	0	S1-SD2-10000	S1-SD2-10040, S1-SD2-10050
S1-SD2-10030	Installation of External mounted Draft Tube Mixer no.1-4 (EDT) for SD2	106			28-Mar-30	07-Aug-30	28-Mar-30	07-Aug-30	0	0	S1-SD2-10000	S1-SD2-10050
S1-SD2-10040	Installation of process pipeworks for SD2	46			14-Jun-30	07-Aug-30	14-Jun-30	07-Aug-30	0	0	S1-SD2-10020	S1-SD2-10050
S1-SD2-10050	Site Acceptance Test (SAT) for equipment at SD2	32			08-Aug-30	14-Sep-30	08-Aug-30	14-Sep-30	0	0	S1-SD2-10040, S1-SD2-10030, S1-SD2-10020, PRO00010, CGS20030	S1-SCT-10080
S1-SD3-10000	Erection of temporary safety protection at Sludge Digester No.3 (SD3)	6			25-Sep-29	02-Oct-29	25-Sep-29	02-Oct-29	0	0	ACD10260, CDS-DDA-30170, PRO10110, MSS20170	S1-SD3-10020, S1-SD3-10030
S1-SD3-10020	Installation of Roof mounted Draft Tube Mixer (RDT) for SD3 and access platform	60			03-Oct-29	12-Dec-29	03-Oct-29	12-Dec-29	0	0	S1-SD3-10000	S1-SD3-10040, S1-SD3-10050
S1-SD3-10030	Installation of External mounted Draft Tube Mixer no.1-4 (EDT) for SD3	106			03-Oct-29	11-Feb-30	03-Oct-29	11-Feb-30	0	0	S1-SD3-10000	S1-SD3-10050
S1-SD3-10040	Installation of process pipeworks for SD3	46			13-Dec-29	11-Feb-30	13-Dec-29	11-Feb-30	0	0	S1-SD3-10020	S1-SD3-10050
S1-SD3-10050	Site Acceptance Test (SAT) for equipment at SD3	32			12-Feb-30	20-Mar-30	12-Feb-30	20-Mar-30	0	0	S1-SD3-10040, S1-SD3-10030, S1-SD3-10020, PRO00010, CGS20030	S1-SD4-10000, S1-SCT-10080
S1-SD4-10000	Erection of temporary safety protection at Sludge Digester No.4 (SD4)	6			21-Mar-30	27-Mar-30	21-Mar-30	27-Mar-30	0	0	ACD10260, CDS-DDA-30170, PRO10110, MSS20170, S1-SD3-10050	S1-SD4-10020, S1-SD4-10030
S1-SD4-10020	Installation of Roof mounted Draft Tube Mixer (RDT) for SD4 and access platform	60			28-Mar-30	13-Jun-30	28-Mar-30	13-Jun-30	0	0	S1-SD4-10000	S1-SD4-10040, S1-SD4-10050
S1-SD4-10030	Installation of External mounted Draft Tube Mixer no.1-4 (EDT) for SD4	106			28-Mar-30	07-Aug-30	28-Mar-30	07-Aug-30	0	0	S1-SD4-10000	S1-SD4-10050
S1-SD4-10040	Installation of process pipeworks for SD4	46			14-Jun-30	07-Aug-30	14-Jun-30	07-Aug-30	0	0	S1-SD4-10020	S1-SD4-10050
S1-SD4-10050	Site Acceptance Test (SAT) for equipment at SD4	32			08-Aug-30	14-Sep-30	08-Aug-30	14-Sep-30	0	0	S1-SD4-10040, S1-SD4-10030, S1-SD4-10020, PRO00010, CGS20030	S1-SCT-10080
S1-SDB-10000	Installation of E&M eqipment at SDB G/F (incl. digested sludge transfer pump, pipework)	63			25-Sep-29	08-Dec-29	25-Sep-29	08-Dec-29	0	0	ACD10260, PRO10110, CDS-DDA-30170, MSS20170	S1-SDB-10010
S1-SDB-10010	Installation of E&M eqipment at SDB 1/F (incl. digested hot water tanks, backup hot water boiler, pumps, pipework)	75			10-Dec-29	13-Mar-30	10-Dec-29	13-Mar-30	0	0	S1-SDB-10000	S1-SDB-10050
S1-SDB-10020	Installation of E&M eqipment at SDB R/F (incl. Digester heat exchanger)	63			25-Sep-29	08-Dec-29	25-Sep-29	08-Dec-29	0	0	ACD10260	S1-SDB-10030, S1-SDB-10040
S1-SDB-10030	Installation of E&M eqipment at SDB for auxiliary system (incl. LALG, pipework, Elec. system, etc.)	75			10-Dec-29	13-Mar-30	10-Dec-29	13-Mar-30	0	0	S1-SDB-10020, CDS-DDA-30230, PRO20000, PRO20010, PRO20020, PRO20030, PRO20040	S1-SDB-10050
S1-SDB-10040	Installation of BS system at SDB	75			10-Dec-29	13-Mar-30	10-Dec-29	13-Mar-30	0	0	S1-SDB-10020	S1-SDB-10050, S1-SCT-10100, S1-SCT-10090
S1-SDB-10050	Site Acceptance Test (SAT) for equipment at SDB	75			14-Mar-30	17-Jun-30	14-Mar-30	17-Jun-30	0	0	S1-SDB-10030, S1-SDB-10040, PRO00010, CGS20030, S1-SDB-10010	S1-PSU-10010, S1-SCT-10030, S1-SCT-10080
Biogas Holders (BIOH) and H2S Removal System		288			25-Sep-29	14-Sep-30	25-Sep-29	14-Sep-30	0			
Civil and Foundation Works		65			25-Sep-29	11-Dec-29	25-Sep-29	11-Dec-29	0			
ELS Works, Pilehead Treatment and Construction of Foundation		65			25-Sep-29	11-Dec-29	25-Sep-29	11-Dec-29	0			
S1-BIOH-10050	Installation of sheetpiles	14			25-Sep-29	11-Oct-29	25-Sep-29	11-Oct-29	0	0	ACD10260, SUB20080, MSS20130	S1-BIOH-10060
S1-BIOH-10060	Excavation works	14			12-Oct-29	29-Oct-29	12-Oct-29	29-Oct-29	0	0	S1-BIOH-10050	S1-BIOH-10070
S1-BIOH-10070	Construction of foundation for Biogas Holders, Biogas H2S Removal & Waste Gas Burner	37			30-Oct-29	11-Dec-29	30-Oct-29	11-Dec-29	0	0	S1-BIOH-10060	S1-BIOH-20000, S1-BIOH-20090, S1-BIOH-20020, S1-BIOH-20100, S1-BIOH-20040
E&M, T&C works		223			12-Dec-29	14-Sep-30	12-Dec-29	14-Sep-30	0			
S1-BIOH-20000	Erection of temporary working platform for Biogas Holder No.1 (BIOH1)	6			12-Dec-29	18-Dec-29	12-Dec-29	18-Dec-29	0	0	S1-BIOH-10070, MSS20130, CDS-DDA-30132, PRO10090	S1-BIOH-20010
S1-BIOH-20010	Erection of BIOH1 with installation of associated accessories	180			19-Dec-29	01-Aug-30	19-Dec-29	01-Aug-30	0	0	S1-BIOH-20000	S1-BIOH-20060
S1-BIOH-20020	Erection of temporary working platform for Biogas Holder No.2 (BIOH2)	6			12-Dec-29	18-Dec-29	12-Dec-29	18-Dec-29	0	0	S1-BIOH-10070, CDS-DDA-30132, PRO10090, MSS20130	S1-BIOH-20030
S1-BIOH-20030	Erection of BIOH2 with installation of associated accessories	180			19-Dec-29	01-Aug-30	19-Dec-29	01-Aug-30	0	0	S1-BIOH-20020	S1-BIOH-20060
S1-BIOH-20040	Erection of temporary working platform for Biogas Holder No.3 (BIOH3)	6			12-Dec-29	18-Dec-29	12-Dec-29	18-Dec-29	0	0	CDS-DDA-30132, S1-BIOH-10070, MSS20130, PRO10090	S1-BIOH-20050
S1-BIOH-20050	Erection of BIOH3 with installation of associated accessories	180			19-Dec-29	01-Aug-30	19-Dec-29	01-Aug-30	0	0	S1-BIOH-20040	S1-BIOH-20060
S1-BIOH-20060	EMSD Inspection and Acceptance for the Notifiable Gas Installation (NGI)	7			02-Aug-30	09-Aug-30	02-Aug-30	09-Aug-30	0	0	S1-BIOH-20010, S1-BIOH-20030, S1-BIOH-20100, S1-BIOH-20090, S1-BIOH-20050	S1-BIOH-20070, S1-BIOH-20110
S1-BIOH-20070	Purging for BIOH1, 2 & 3	7			10-Aug-30	17-Aug-30	10-Aug-30	17-Aug-30	0	0	S1-BIOH-20060	S1-BIOH-20080
S1-BIOH-20080	Site Acceptance Test (SAT) for equipment at BIOH1, 2 & 3	23			19-Aug-30	14-Sep-30	19-Aug-30	14-Sep-30	0	0	S1-BIOH-20070, PRO00010, CGS20030	S1-SCT-10050, S1-SCT-10080, S1-SCT-10051
S1-BIOH-20110	Site Acceptance Test (SAT) for H2S Removal System & Waste Gas Burner	30			10-Aug-30	14-Sep-30	10-Aug-30	14-Sep-30	0	0	S1-BIOH-20090, PRO00010, CGS20030, S1-BIOH-20100, S1-BIOH-20060	S1-SCT-10050, S1-SCT-10080, S1-SCT-10051
Administration Building and Workshop		392			25-Sep-29	20-Jan-31	25-Sep-29	20-Jan-31	0			
E&M, T&C works		189			25-Sep-29	18-May-30	25-Sep-29	18-May-30	0			
S1-ABWS-10060	Installation of SCADA equipment at Administration Building	99			25-Sep-29	23-Jan-30	25-Sep-29	23-Jan-30	0	0	SUB20180, ACD10040, ACD10230, CDS-DDA-40050	S1-ABWS-10070
S1-ABWS-10070	Site Acceptance Test (SAT) for SCADA equipment at Administration Building	90			24-Jan-30	18-May-30	24-Jan-30	18-May-30	0	0	S1-ABWS-10060, PRO00010, CGS20030	S1-SCT-10080, S1-SCT-10000, S1-SCT-10010, S1-SCT-10020, S1-SCT-10030, S1-SCT-10040, S1-SCT-10050, S1-SCT-10060, S1-SCT-10070, S1-SCT-10080,
ABWF works		166			04-Jul-30	20-Jan-31	04-Jul-30	20-Jan-31	0			
S1-ABWS-10040	ABWF works at Administration Building (G/F and 1/F)	90			04-Jul-30	19-Oct-30	04-Jul-30	19-Oct-30	0	0	ACD10040, ACD10230, MSS10110, SUB20160	S1-ABWS-10045
S1-ABWS-10045	ABWF works at Administration Building (2/F and R/F)	76			21-Oct-30	20-Jan-31	21-Oct-30	20-Jan-31	0	0	S1-ABWS-10040	S1-SCT-20000

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
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Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (Critical Path)

Programme ID: HSKEPP-C3-Prog-03

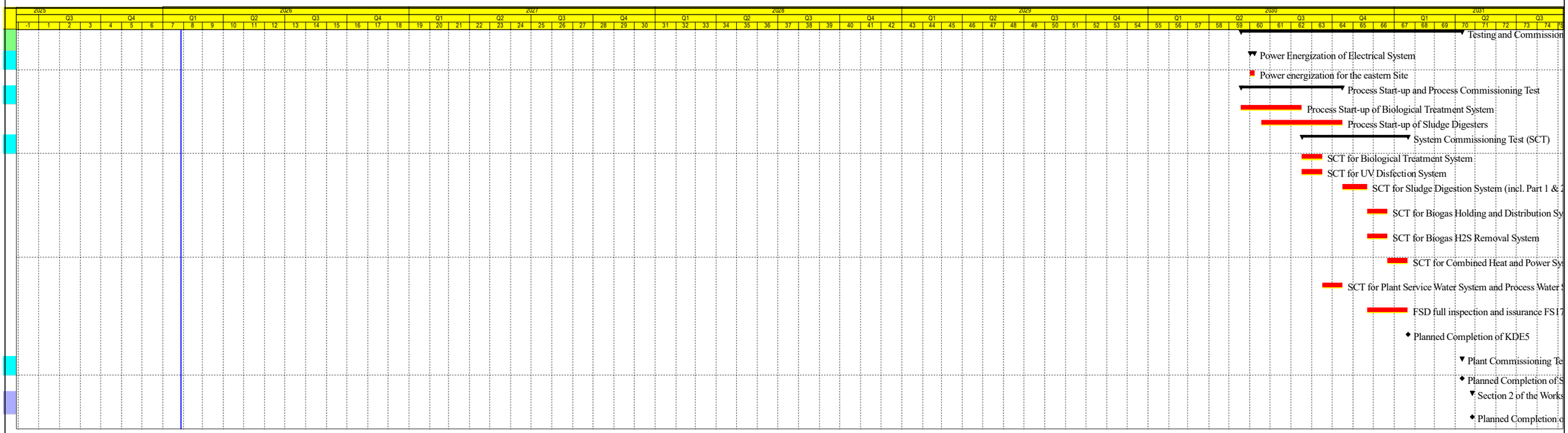
Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026

Activity ID	Activity Name	Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Total Float	Time Risk Allowance	Predecessors	Successors
Testing and Commissioning		327			19-May-30	11-Apr-31	19-May-30	10-Apr-31	0			
Power Energization of Electrical System		5			01-Jun-30	07-Jun-30	01-Jun-30	07-Jun-30	0			
S1-PST-10080	Power energization for the eastern Site	5			01-Jun-30	07-Jun-30	01-Jun-30	07-Jun-30	0	0	CDS-DDA-40011, S1-PST-10060	S1-PST-10090, S1-IWSTB-10050
Process Start-up and Process Commissioning Test		150			19-May-3	15-Oct-30	19-May-3	15-Oct-30	0			
S1-PSU-10000	Process Start-up of Biological Treatment System	90			19-May-3	16-Aug-30	19-May-3	16-Aug-30	0	0	S1-BTB-20080, S1-ABWS-10070	S1-SCT-10010, S1-SCT-10011
S1-PSU-10010	Process Start-up of Sludge Digesters	120			18-Jun-30	15-Oct-30	18-Jun-30	15-Oct-30	0	0	S1-SDB-10050, S1-ABWS-10070	S1-SCT-10030
System Commissioning Test (SCT)		157			17-Aug-30	21-Jan-31	17-Aug-30	20-Jan-31	0			
S1-SCT-10010	SCT for Biological Treatment System	30			17-Aug-30	15-Sep-30	17-Aug-30	15-Sep-30	0	0	S1-PSU-10000, S1-SDSDB-10070, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10080, S1-PCT-10000
S1-SCT-10011	SCT for UV Disfection System	30			17-Aug-30	15-Sep-30	17-Aug-30	15-Sep-30	0	0	S1-PSU-10000, S1-SDSDB-10070, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10080, S1-PCT-10000
S1-SCT-10030	SCT for Sludge Digestion System (incl. Part 1 & 2 Performance Test)	37			16-Oct-30	21-Nov-30	16-Oct-30	21-Nov-30	0	0	S1-SCT-10080, S1-PSU-10010, S1-SDB-10050, CGS20030, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10050, S1-PCT-10000, S1-SCT-10051
S1-SCT-10050	SCT for Biogas Holding and Distribution System	30			22-Nov-30	21-Dec-30	22-Nov-30	21-Dec-30	0	0	S1-SCT-10030, S1-BIOH-20080, S1-BIOH-20110, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10060, S1-PCT-10000
S1-SCT-10051	SCT for Biogas H2S Removal System	30			22-Nov-30	21-Dec-30	22-Nov-30	21-Dec-30	0	0	S1-SCT-10030, S1-BIOH-20080, S1-BIOH-20110, S1-ABWS-10070, CDS-DDA-50140	S1-SCT-10060, S1-PCT-10000
S1-SCT-10060	SCT for Combined Heat and Power System	30			22-Dec-30	20-Jan-31	22-Dec-30	20-Jan-31	0	0	S1-SCT-10050, S1-CHP-10070, S1-ABWS-10070, S1-CHP-10080, S1-SCT-10051, CDS-DDA-50140	S1-SCT-20000, S1-PCT-10000
S1-SCT-10080	SCT for Plant Service Water System and Process Water System	30			16-Sep-30	15-Oct-30	16-Sep-30	15-Oct-30	0	0	S1-SCT-10010, S1-ABWS-10030, S1-ABWS-10010, S1-PST-10090, S1-IWSTB-10050, S1-SSB-10020, S1-SDSDB-10070, S1-UBAB-20030,	S1-SCT-10030, S1-SCT-10000, S1-SCT-10020, S1-SCT-10040, S1-PCT-10000, S1-SCT-10001
S1-SCT-10100	FSD full inspection and issurance FS172 or Acceptance Letter	60			22-Nov-30	20-Jan-31	22-Nov-30	20-Jan-31	0	0	S1-CHP-10060, S1-UBAB-20020, S1-SDSDB-10050, S1-SSB-10010, S1-IWSTB-10040, S1-PST-10070, S1-SDB-10040, S1-ABWS-10000,	S1-SCT-20000
S1-SCT-20000	Planned Completion of KDE5	0				21-Jan-31		20-Jan-31	0	0	S1-SCT-10060, S1-SCT-10070, S1-SCT-10100, S1-BTB-30030, S1-BTB-20081, S1-SDSDB-10080, S1-IWSTB-10060, S1-ABWS-10080, S1-ABWS-10045,	S210000
Plant Commissioning Test (PCT)		0			11-Apr-31	11-Apr-31	10-Apr-31	10-Apr-31	0			
S1-PCT-20000	Planned Completion of Section 1 of the works	0				11-Apr-31		10-Apr-31	0	0	S1-PCT-10000, S1-BTB-30040, S1-BTB-20071	
Section 2 of the Works-Completion of fully coordinated as-built BIM I		0			26-Apr-31	26-Apr-31	25-Apr-31	25-Apr-31	0			
S210020	Planned Completion of Section 2 of the works	0				26-Apr-31		25-Apr-31	0	0	S210010	PCC10020

Contract No. DE/2024/09 Hung Shui Kiu Effluent Polishing Plant Phase 1 - E&M works and Biological Treatment Building

Data Date: 28-01-2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

REC-CEL JV 盈電其士聯營

Primary Baseline
Non-Critical Activity
Critical Activity
Milestone
S.

Date	Revision	Checked	Approved
28-Dec-25	B	JNKW	BLCH

Updated Programme (Critical Path)

Programme ID: HSKEPP-C3-Prog-03