Civil Engineering and Development Department

Trunk Road T2

Monthly Environmental Monitoring and Audit Report

(under EP-451/2013)

February 2025

(Version 1.0)

Approved By	
	(Environmental Team Leader: Mr. KS Lee)

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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RAMBOLL

Ref.: CEDKTDT2EM00_0_0729L.25

12 March 2025

By Post and Email

Hyder-Meinhardt Joint Venture
23/F, Two Harbour Square
180 Wai Yip Street, Kwun Tong
Kowloon, Hong Kong

Attention: Mr. Edwin Ching

Dear Mr. Ching,

Re: Agreement No. EDO 01/2019
Independent Environmental Checker for
Contract No. ED/2018/04 – Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Monthly EM&A Report (February 2025) for EP-451/2013

Reference is made to the Environmental Team's submission of the Monthly EM&A Report for February 2025 (Version 1.0) certified by the ET Leader and provided to us via e-mail on 12 March 2025. We are pleased to inform you that we have no adverse comment on the captioned submission. We write to verify the captioned submission in accordance with Condition 3.4 of EP-451/2013.

Thank you for your attention. Please do not hesitate to contact the undersigned should you have any queries.

Yours sincerely,
For and on behalf of
Ramboll Hong Kong Limited

Y H Hui
Independent Environmental Checker

c.c.	CEDD	Attn.:	Mr. Tommy Wong	By Fax: 2739 0076
	BTP	Attn.:	Mr. Ivan Chau	By email
	Cinotech	Attn.:	Mr. K. S. Lee	By Fax: 3107 1388

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EXECUTIVE SUMMARY

Introduction

1. This is the 60th Environmental Monitoring and Audit (EM&A) Report prepared by the Environmental Team (ET), Cinotech Consultants Ltd., for "Trunk Road T2". This report summarized the monitoring results and audits findings of the EM&A programme under the issued Environmental Permit (EP) No. EP-451/2013 and in accordance with the EM&A Manual (AEIAR-174/2013) during the reporting month of February 2025.

Summary of Main Works Undertaken and Key Measures Implemented

2. The main works of each works contracts undertaken during the reporting period are as follows:

Table I Summary of Key Construction Work in the Reporting Month

Contract No.	Project Title	Site Activities
ED/2018/04	Trunk Road T2 and Infrastructure Works for Developments at South Apron	• WVB – ABWF works • WVB – E&M works • WVB – External works • DPR – GRC panel subframe installation • DPR – Parapet Installation • SUS – E&M works • LSCC – RC Structure • LSCC – Backfilling • TSS – WB internal structure from CP22 to CP26 • TSS – EB internal structure up to CP22 • CP – TSS WB Tympanum construction
ED/2020/03	Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works (1)	• WVB – Installation of TCSS cable containment, cable laying, power distribution, installation of PA Speaker • WB & EB Tunnel – Installation of cable containment • Material delivery for TCSS Sub- systems

Notes:
(1): No major construction work was undertaken during reporting month.
N/A: Not applicable

3. Implementation of the key mitigation measures during the reporting period are as follows:

Table II Summary of Key Mitigation Measures Implemented in the Reporting Month

Contract No. and Project Title	Key Mitigation Measures Implemented
ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at South Apron	*Air Quality* • Water spraying regularly on construction site area to avoid dust generation. • Excavated dusty materials were covered by impervious sheets. *Noise* • Air compressor was operated with door closed and have valid noise labels. • Use of Quality Powered Mechanical Equipment (QPME) • Erecting noise barriers on site to minimize noise impact generated from breaking activities. *Water Quality* • WetSep was constructed to treat the surface runoff prior to discharge. *Landscape and Visual* • Tree protection zone was fenced off to protect the existing tree.
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works (1)	N/A

Notes:
(1): No major construction work was undertaken during reporting month.
N/A: Not applicable

Summary of Exceedances, Investigation and Follow-up

4. Exceedance of Action/Limit levels during the reporting month (February 2025) and the investigation results and/or follow-up actions:

Air Quality Monitoring
- No Action Level exceedance for 24-hour TSP was recorded.
- No Limit Level exceedance for 24-hour TSP was recorded.

Construction Noise Monitoring
- No Limit Level exceedance for day time construction noise was recorded in this reporting month.
- No Action Level exceedance was recorded in this reporting month.

Landscape and Visual Monitoring and Audit

- No non-compliance of the landscape and visual impact was recorded in the reporting month. The implementation of landscape and visual and mitigation measures was checked by a Registered Landscape Architect (RLA) during the environmental site inspections.

Complaint Handling, Prosecution and Public Engagement

Table III Summary of Complaint/Summons/Prosecution in the Reporting Month

Event	Event Details		Follow-up/ Remedial Actions	Status/ Remarks
	Number	Brief Description		
Complaints Received	0	-	-	-
Notification of Summons and Prosecutions Received	0	-	-	-
Public Engagement Activities	0	-	-	-

Reporting Changes

5. No reporting change in this reporting month.

Future Key Issues

6. The key works or activities will be anticipated in the next reporting period are as follows:

Table IV Summary Table for Site Activities in the next Reporting Period

Contract No. and Project Title	Site Activities (March 2025)	Key Environmental Issues
ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at South Apron	• WVB – ABWF works • WVB – E&M works • WVB – External works • DPR – GRC panel subframe installation • DPR – Parapet installation • DPR – Sign gantry erection • SUS – E&M works • LSCC – RC Structure • LSCC – Backfilling • TSS – WB internal structure from CP22 to CP26 • TSS – EB internal structure up to CP22 • CP – TSS WB Tympanum construction	(A) / (B) / (C) / (D)

ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works (1)	• Project signboard in works area

Notes:
(1): No major construction work was undertaken during reporting month.
N/A: Not applicable
(A) Dust generation from haul road, stockpile of dusty materials, exposed site area, excavation works and rock breaking activities;
(B) Noisy construction activity such as rock-breaking activities and piling works
(C) Runoff from exposed slope or site area; and
(D) Wastewater and runoff discharge from site.

Review of Status and Location of Monitoring Stations

7. According to the EM&A Manual (AEIAR-174/2013), the number and location of the monitoring stations and parameters should be reviewed in every six months, or on as -needed basis, in order to cater for any changes in the surrounding environmental and the nature of works in progress. The latest review was conducted in February 2025 and the review of status and location of monitoring stations are summarized as follow:

Table V Summary Table for Review of Status and Location of Monitoring Stations

Monitoring Station ID	Review Status	Follow-up Action/ Recommendation
KTD 2d	ET has reviewed the status and location of KER1, KTD 1, KTD2d, CKL1 and CKL2. To conclude, the environmental monitoring conducted at KER1, KTD 1, KTD2d, CKL 1 and CKL 2 are appropriate, and the monitoring results reflect how the sensitive receiver(s) is/are impacted by the construction activities of the Project.	N/A
KER1		
KTD 1		
CKL 1		
CKL 2		

N/A: Not Applicable

1 INTRODUCTION

Background

1.1 In 2009, Civil Engineering and Development Department (CEDD) commissioned a Kai Tak Development (KTD) – Trunk Road T2 and Infrastructure at South Apron Investigation. The assignment covers the provision of the Trunk Road T2 and its connections with the Central Kowloon Route (CKR) at the north apron area and the Tseung Kwan O – Lam Tin Tunnel (TKOLTT) to the south in the Cha Kwo Ling area.

1.2 The Trunk Road T2 Project is one of the designated Projects under Schedule 2 of the EIAO proposed in the KTD. CEDD submitted the Project Profile (No. PP-379/2009) on 24 March 2009 for application for an EIA study brief for the Trunk Road T2 Project under the EIAO. Accordingly, an EIA Study Brief (ESB-203/2009) for the Trunk Road T2 Project was issued on 30 April 2009. The Environmental Impact Assessment (EIA) Report for the Trunk Road T2 Project was approved under the Environmental Impact Assessment Ordinance (EIAO) on 19 September 2013. The corresponding Environmental Permit (EP) was issued on 19 September 2013 (EP no.: EP-451/2013).

1.3 The Contract No. ED/2018/04 is the main contract of Trunk Road T2 ("T2 Main Works") which comprises mainly the design and construction of a dual two-lane trunk road of approximately 3.4km long with about 3.1km of the trunk road in form of tunnel; ventilation and administration buildings, environmental protection and mitigation works and etc. Moreover, the Contract No. ED/2020/03 is the other contract under Truck Road T2 Project which comprises mainly design and construction of the TCSS for this Project. The EM&A programme at Kai Tak area under the Contract ED/2018/04 and ED/2020/03 are governed by the EP-451/2013 and EM&A Manual (AEIAR-174/2013). The work areas of the Trunk Road T2 Project are shown in **Figure 1** and the works to be executed under each Contract and corresponding EP are summarized as follows:

Environmental Permit	**Works Description**
EP-451/2013 – Trunk Road T2	*ED/2018/04* • Construction of highway and sub-sea tunnel connecting between Central Kowloon Route and Cha Kwo Ling Tunnel • Western & Eastern Ventilation Buildings *ED/2020/03* • Design and construction of TCSS for Trunk Road T2

Monitoring Works in Kai Tak under EP-451/2013

1.4 Under Contract No. KL/2014/03 – Kai Tak Development – Stage 3 Infrastructure Works for Development at the Southern Part of the Former Runway ("T2 Advance Works"), the baseline monitoring works in Kai Tak under the EM&A Manual (AEIAR-174/2013) were conducted by the Environmental Team (ET) for the Contract No. KL/2014/03 at the approved relocated monitoring locations (EPD reference: EP2/K19/A/21 pt.5), namely KTD1a, KTD2a & KER1a. During the impact monitoring period, monitoring locations KTD 2a and KER 1a were relocated to new locations, i.e. KTD 2b and KER 1b (EPD reference: ( ) in EP2/K19/A/21 pt. 6 and ( ) in EP2/K19/A/21 pt. 5) respectively. Location KTD2b was then further relocated to location KTD2c, the proposal of such relocation was submitted to EPD on 24 March 2020 and was approved by EPD on 6 April 2020 (EPD reference: ( ) in EP2/K19/A/21 pt.7). The aforementioned relocation was effective from 9 April 2020. Since the major part of work under

Contract No. KL/2014/03 has been completed and monitoring works conducted by the ET of Contract No. KL/2014/03 was determined to be ceased, the impact monitoring within the Kai Tak area was then handed over to the ET of Contract No. ED/2018/04 on 1 August 2020.The monitoring location has been reviewed and updated to obtain the data with higher representative based on several conditions, such as distance between monitoring location and the sensitive receiver, non-project related interference, obstruction to the construction works on site and the power supply problem. The monitoring location KTD1a and KER1b has been updated to the monitoring location KTD1 and KER1 on 3 August 2020, where are the original location as proposed in the EM&A manual (AEIAR-174/2013). And the monitoring location KTD2c was remained unchanged after the aforementioned review. Location KTD2c was then further relocated to location KTD2d, the proposal of such relocation was submitted on 9 March 2021 and was approved by EPD on 27 March 2021 (EPD reference: ( ) in EP2/K19/A/21 pt.8). The aforementioned relocation was effective from 24 May 2021. The impact monitoring for the three stations KTD1, KTD2d and KER1 are currently conducted by the ET of T2 Main Works

Monitoring Works in Cha Kwo Ling under EP-451/2013

1.5 The environmental impact of the remaining works in Cha Kwo Ling, under EP-451/2013, shall be monitored at the two proposed stations, namely CKL1, CKL2, in accordance to the EM&A Manual (AEIAR-174/2013). The impact monitoring for the two proposed stations shall be conducted by the ET of T2 Main Works.

1.6 Cinotech Consultants Ltd. Was designated as the Environmental Team (ET) to undertake the EM&A works for "Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron" (hereinafter called the "Project") and "Trunk Road T2 –Traffic Control & Surveillance System (TCSS) and Associated Works".

Purpose of the Report

1.7 This is the 60th Monthly EM&A Report which summarises the impact monitoring results and audit findings for the EM&A programme during the reporting period in February 2025.

Project Organizations

1.8 Different Parties with different levels of involvement in the Project organization include:

- Permit Holder – Civil Engineering and Development Department (CEDD)
- Supervisor Representative – Hyder-Meinhardt Joint Venture (HMJV)
- Environmental Team (ET) – Cinotech Consultants Limited (Cinotech)
- Independent Environmental Checker (IEC) – Ramboll Hong Kong Limited (Ramboll)
- Contractor – Bouygues Travaux Publics (BTP) (For ED/2018/04) & GTECH Services (Hong Kong) Limited (For ED/2020/03)

1.9 The key contacts of the Project are shown in **Table 1.1**.

Table 1.1 Key Project Contacts

Party	Role	Contact Person	Phone No.
CEDD	Permit Holder	Mr. Wong Chi Wai, Tommy	3842 7111
HMJV	Supervisor Representative	Ms. Hazel Tang	2149 8524
Cinotech	Environmental Team	Mr. KS Lee (ETL)	2151 2091
		Ms. Karina Chan	2157 3880
Ramboll	Independent Environmental Checker	Mr. YH Hui	3465 2850
BTP	Contractor (ED/2018/04)	Mr. Roy Leung	6628 2685
GTECH	Contractor (ED/2020/03)	Mr. Deacon Choi	6038 3568

1.10 The Organizational Structure for Environmental Management is shown in **Figure 1.2**.

Construction Activities undertaken during the Reporting Month

1.11 The major site activities undertaken in the reporting month included:

Table 1.2 Summary of Key Construction Work in the Reporting Month

Contract No.	Project Title	Site Activities
ED/2018/04	Trunk Road T2 and Infrastructure Works for Developments at South Apron	• WVB – ABWF works • WVB – E&M works • WVB – External works • DPR – GRC panel subframe installation • DPR – Parapet Installation • SUS – E&M works • LSCC – RC Structure • LSCC – Backfilling • TSS – WB internal structure from CP22 to CP26 • TSS – EB internal structure up to CP22 • CP – TSS WB Tympanum construction
ED/2020/03	Trunk Road T2 – Traffic Control And Surveillance System (TCSS) and Associated Works (1)	• WVB – Installation of TCSS cable containment, cable laying, power distribution, installation of PA Speaker • WB & EB Tunnel – Installation of cable containment • Material delivery for TCSS Sub- systems

Notes:
(1): No major construction work was undertaken during reporting month.
N/A: Not applicable

1.12 The EM&A programme requires construction noise, air quality monitoring and 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 Action Plans;
- Environmental mitigation measures, as recommended in the Project EIA Report.

1.13 The advice on the implementation status of environmental protection and pollution control/mitigation measures is summarized in **Section 10** of this report.

1.14 This report presents the monitoring results, observations, locations, equipment, period, methodology and QA/QC procedures of the monitoring parameters of the required environmental monitoring works and audit works for the Project in February 2025.

Status of Environmental Licensing and Permitting

1.15 All permits/licenses obtained for the Project are summarized in **Table 1.3**.

Table 1.3 Summary of Environmental License and Permit

Contract No.	Permit / License No.	Valid Period		Status
		From	To	
Environmental Permit (EP)				
N/A	EP-451/2013	19 Sep 2013	N/A	Valid
Notification pursuant to Air Pollution (Construction Dust) Regulation				
ED/2018/04	Ref. No.: 451120	20 Nov 2019	N/A	Valid
ED/2020/03	Ref. No.: 483143	15 Aug 2022	N/A	Valid
Billing Account for Construction Waste Disposal				
ED/2018/04	A/C No.: 7036016	09 Dec 2019	N/A	Valid
ED/2020/03	A/C No.: 7043158	31 Jan 2022	N/A	Valid
Billing Account for Vessel Disposal				
ED/2018/04				
	A/C No.: 7037747 (Application No.: CEDD01260)	26 Jan 2025	25 Apr 2025	Valid
Construction Noise Permit				
ED/2018/04	CNP No. (For Launching Shaft and Barging Point): GW-RE0988-24	25 Aug 2024	24 Feb 2025	Valid until 24 Feb 25
	CNP No. (For Depressed Road & Supporting Area): GW-RE1321-24	30 Oct 2024	30 Mar 2025	Valid
	CNP No. (For Launching Shaft and Barging Point): GW-RE1660-24	30 Dec 2024	29 Jun 2025	Valid
Wastewater Discharge License				
ED/2018/04	WT00036183-2020 (For Depressed Road Area)	27 Jul 2020	31 Jul 2025	Valid

Contract No.	Permit / License No.	Valid Period		Status
		From	To	
	WT00039117-2021 (For Site Office and Support Area)	28 Sep 2021	30 Sep 2026	Valid
	WT00036228-2020 (For Launching Shaft)	10 Nov 2021	31 Jul 2025	Valid
	WT10001495-2023 (For TBM Consumable Storage Area)	12 Mar 2024	31 Mar 2029	Valid
Chemical Waste Producer License				
ED/2018/04	WPN: 5213-286-B2557-03	09 Mar 2020	N/A	Valid
Marine Dumping Permit				
ED/2018/04	EP/MD/25-047	01 Jan 2025	31 Mar 2025	Valid

2. AIR QUALITY

Monitoring Requirement

2.1 According to the EM&A Manual (AEIAR-174/2013), 24-hour Total Suspended Particulates (TSP) monitoring was conducted to monitor the air quality for this Project. For regular impact monitoring, a sampling frequency of at least once in every six days at all of the monitoring stations for 24-hour TSP monitoring. In case of complaints, 1-hour TSP monitoring should be conducted at least three times in every six days when the highest dust impacts are likely to occur. **Appendix A** shows the established Action/Limit Levels for the environmental monitoring works.

Monitoring Locations

2.2 Five designated monitoring stations were selected for air quality monitoring programme. **Table 2.1** describes the air quality monitoring locations, which are also depicted in **Figure 2**.

2.3 The monitoring location at Kai Tak area has been reviewed and updated to obtain the data with higher representative based on several conditions, such as distance between monitoring location and the sensitive receiver, non-project related interference, obstruction to the construction works on site and the power supply problem. The monitoring location KTD1a and KER1b has been updated to KTD1 and KER1 respectively, where are the original location as proposed in the EM&A manual (AEIAR-174/2013). And the monitoring location KTD2c was remained unchanged after the aforementioned review. Monitoring location KTD2c was then further relocated to KTD2d after the review of status and location of monitoring station conducted in between February and March 2021.

Table 2.1 Air Quality Monitoring Locations

Monitoring Stations	Location
KTD1	Centre of Excellence in Paediatrics (Children's Hospital)
KTD2d	Next to the SOR Office of Trunk Road T2 in Kai Tak Area
KER1	Future Residential Development at Kerry Godown
CKL1	Flat 121 Cha Kwo Ling Village
CKL2	Flat 103 Cha Kwo Ling Village

Monitoring Parameters and Frequency

2.4 **Table 2.2** summarizes the monitoring parameters, monitoring period and frequencies of impact air quality monitoring. The monitoring schedule is shown in **Appendix B**.

Table 2.2 Frequency and Parameters of Air Quality Monitoring

Monitoring Stations	Parameter	Period	Frequency
KTD1, KTD2d, KER1, CKL1 & CKL2	1-hour TSP	0700 – 1900	3 times per 6 days (as required in case of complaints)
KTD1, KTD2d, KER1, CKL1 & CKL2	24-hour TSP	24 hours	Once every 6 days

Monitoring Equipment

2.5 High Volume Samplers (HVS) in compliance with the specification stipulated in the EM&A Manual (AEIAR-174/2013), Section 2.2.1.4, were used to carry out 24-hour TSP monitoring. Direct reading dust meter were also used to measure 1-hour average TSP levels. The 1-hour sampling was determined by HVS to check the validity and accuracy of the results measured by direct reading method.

2.6 Wind data monitoring equipment was set at rooftop (about 41/F) of Yau Lai Estate Bik Lai House, Lam Tin for logging wind speed and wind direction such that the wind sensors were clear of obstructions or turbulence caused by building. The wind data monitoring equipment was re-calibrated at least once every six months and the wind directions were divided into 16 sectors of 22.5 degrees each. Wind data is attached in **Appendix D**.

2.7 **Table 2.3** summarizes the equipment used for air quality monitoring. Copies of calibration certificates are attached in **Appendix C**.

Table 2.3 Air Quality Monitoring Equipment

Equipment	Model	Quantity
HVS Sampler	TISCH Model: TE-5170 (Serial no. 0723, 1956, 10595, 1316, 5280)	5
Calibrator	TISCH Model: TE-5025A (Serial no. 3864)	1
Wind Anemometer	Davis Weather Monitor II, Model no. 7440 (Serial no. MC01010A44)	1

Monitoring Methodology

1-hour TSP Monitoring

Measuring Procedures

2.8 The measuring procedures of the 1-hour dust meter are in accordance with the Manufacturer's Instruction Manual as follows:

(Sibata Model No.: LD-3B/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 was not flash or in 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 at 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 sampling.
- Information such as sampling date, time, count value and site condition were recorded during the monitoring period.

Maintenance/Calibration

2.9 The following maintenance/calibration is required for the 1-hour dust meter:

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

24-hour TSP Monitoring

Instrumentation

2.10 High volume samplers (HVS) (TISCH Model: TE-5170) complete with appropriate sampling inlets was employed for 24-hour TSP monitoring. The sampler was composed of a motor, a filter holder, a flow controller and a sampling inlet and its performance specification complied with that required by USEPA Standard Title 40, Code of Federation Regulations Chapter 1 (Part 50). Moreover, the HVS also met all the requirements in Section 2.2 of the Annex II Specification.

2.11 The positioning of the HVS samplers are as follows:

- A horizontal platform with appropriate support to secure the samplers against gusty wind shall be provided;
- No two samplers shall be placed less than 2 meters apart;
- The distance between the sampler and an obstacle, such as buildings, must be at least twice the height that the obstacle protrudes above the sampler;
- A minimum of 2 metres of separation from walls, parapets and penthouses is required for rooftop samplers;
- A minimum of 2 metres of separation from any supporting structure, measured horizontally is required;
- No furnace or incinerator flue is nearby;
- Airflow around the sampler is unrestricted;
- The sampler is more than 20 metres from the dripline;
- Any wire fence and gate, to protect the sampler, shall not cause any obstruction during monitoring;
- Permission must be obtained to set up the samplers and to obtain access to the monitoring stations; and
- A secured supply of electricity is needed to operate the samplers.

Operating/analytical procedures for the operation of HVS

2.12 Operating/analytical procedures for the air quality monitoring are highlighted as follows:

- Prior to the commencement of the dust sampling, the flow rate of the high-volume sampler was properly set (between 0.6 m^3/min. and 1.7 m^3/min.) in accordance with the EM&A manual (AEIAR-174/2013). The flow rate shall be indicated on the flow rate chart.
- For TSP sampling, fiberglass filters with a collection efficiency of > 99% for particles of 0.3μm diameter were used.
- The power supply was checked to ensure the sampler worked properly. On sampling, the sampler was operated for 5 minutes to establish thermal equilibrium before placing any filter media at the designated air monitoring station.
- The filter holding frame was then removed by loosening the four nuts and a weighted and conditioned filter was carefully centered with the stamped number upwards, on a supporting screen.
- The filter was aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter. Then the filter holding frame was tightened to the filter holder with swing bolts. The applied pressure should be sufficient to avoid air leakage at the edges.
- The shelter lid was closed and secured with the aluminium strip.
- The timer was then programmed. Information was recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper can be found out by using the filter number).
- After sampling, the filter was removed and sent to the HOKLAS laboratory (High Precision Chemical Testing Ltd.) for weighing. The elapsed time was also recorded.
- Before weighing, all filters were equilibrated in a conditioning environment for 24 hours. The conditioning environment temperature should be between 25°C and 30°C and not vary by more than ±3°C; the relative humidity (RH) should be < 50% and not vary by more than ±5%. A convenient working RH is 40%.

Maintenance/Calibration

2.13 The following maintenance/calibration is required for the HVS:

- The high-volume motors and their accessories were properly maintained. Appropriate maintenance such as routine motor brushes replacement and electrical wiring checking were made to ensure that the equipment and necessary power supply are in good working condition.
- High volume samplers were calibrated at bi-monthly intervals using TE-5025A Calibration Kit throughout all stages of the air quality monitoring.

Results and Observations

2.14 Impact air quality monitoring was conducted at five monitoring stations as scheduled. The monitoring schedule is shown in **Appendix B**.

2.15 No Action and no Limit Level exceedance was recorded for 24-hour TSP monitoring in the reporting month. No exceedance of 24-hour TSP were considered as **project related** and no exceedance of 24-hour TSP were considered as **non-project related**. Details of the exceedance are presented in **Appendix M**.

2.16 The air temperature, relative humidity, and the precipitation data were obtained from daily extracts of Hong Kong Observatory Climate Information Service. This weather information for the reporting month is summarized in **Appendix D**.

2.17 The monitoring data and graphical presentations of 24-hour TSP monitoring results are shown in **Appendix F**.

2.18 According to field observations observed in the reporting period, the major dust source identified at the designated air quality monitoring stations are as follows:

Table 2.4 Major Dust Source during Air Quality Monitoring

Monitoring Stations	Major Dust Source
KTD 1 - Centre of Excellence in Paediatrics (Children's Hospital)	• Project related construction activities (i.e., Loading and unloading of C&D wastes, drilling, crushing of material); • Vehicle movement in the site; • Construction activities at the nearby construction sites of New Acute Hospital; and, • Road traffic along Shing Fung Road, Shing Cheong Road, Cheung Yip Street, Kai Hing Road and Kwun Tong Bypass.
KER 1 – Future Residential Development at Kerry Godown	
KTD 2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	• Project related construction activities (i.e., Loading and unloading of C&D material, crushing of material); • Vehicle movement in the site; and, • Non-project related construction activities (i.e excavating work, Loading and unloading of C&D wastes at the nearby construction site of Additional District Cooling System at Kai Tak Development, Paul Y. Engineering.)
CKL1 - Flat 121 Cha Kwo Ling Village	• Road Traffic along Cha Kwo Ling Road
CKL2 - Flat 103 Cha Kwo Ling Village	• Road Traffic along Cha Kwo Ling Road

Comparison of EM&A Result with EIA Prediction

2.19 The air monitoring data was compared with the predictions in Table 4.14 of EIA Report, AEIAR-174/2013 (as approved in 2013) as summarised in **Table 2.6** for 24-hour TSP.

Table 2.6 Comparison of 24-hr TSP Monitoring Data with Predictions in EIA Report

Monitoring Stations	ASR ID	Predicted Maximum 24-hr TSP Concentration in EIA Report (AEIAR-174/2013), µg/m^3	Maximum 24-hr TSP Concentration in the Reporting Month (February 2025), µg/m^3
KTD 1 - Centre of Excellence in Paediatrics (Children's Hospital)	KTD3	126	47.9
KTD 2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	N/A (1)	N/A (1)	92.6
KER 1 – Future Residential Development at Kerry Godown	KTD6	169	60.8
CKL1 - Flat 121 Cha Kwo Ling Village	N/A (1)	N/A (1)	136.4
CKL2 - Flat 103 Cha Kwo Ling Village	N/A (1)	N/A (1)	120.4

Remarks:
(1) No 24-hr TSP concentration was predicted in EIA Report (AEIAR-174/2013)

2.20 In the reporting month, the 24-hour TSP concentration at KER1 and KTD1 were lower than the prediction in the EIA Report, AEIAR-174/2013 (as approved in 2013). No Action and Limit level exceedance for 24-hour TSP was recorded in the reporting period.

3 NOISE

Monitoring Requirement

3.1 According to the EM&A Manual (AEIAR-174/2013), construction noise monitoring was conducted to monitor the construction noise arising from the construction activities. The regular monitoring frequency for each monitoring station shall be on a weekly basis and conduct one set of measurements between 0700 and 1900 hours on normal weekdays. **Appendix A** shows the established Action and Limit Levels for the environmental monitoring works.

Monitoring Locations

3.2 Noise monitoring was conducted at five designated monitoring stations, namely KTD1, KTD2d, KER1, CKL1 and CKL2 in the reporting period. **Table 3.1** and **Figure 2** show the locations of these stations.

3.3 The monitoring location at Kai Tak area has been reviewed and updated to obtain the data with higher representative based on several conditions, such as distance between monitoring location and the sensitive receiver, non-project related interference, obstruction to the construction works on site and the power supply problem. The monitoring location KTD1a and KER1b has been updated to KTD1 and KER1 respectively, where are the original location as proposed in the EM&A manual (AEIAR-174/2013). And the monitoring location KTD2c was remained unchanged after the aforementioned review. Monitoring location KTD2c was then further relocated to KTD2d after the review of status and location of monitoring station conducted in between February and March 2021.

Table 3.1 Noise Monitoring Stations

Monitoring Stations	Location
KTD1	Centre of Excellence in Paediatrics (Children's Hospital)
KTD2d	Next to the SOR Office of Trunk Road T2 in Kai Tak Area
KER1	Future Residential Development at Kerry Godown
CKL1	Flat 121 Cha Kwo Ling Village
CKL2	Flat 103 Cha Kwo Ling Village

Monitoring Parameters, Frequency and Duration

3.4 **Table 3.2** summarizes the monitoring parameters, frequency and total duration of monitoring. The noise monitoring schedule is shown in **Appendix B**.

Table 3.2 Frequency and Parameters of Noise Monitoring

Monitoring Stations	Time Period	Duration	Frequency	Parameter	Measurement
KTD1	0700-1900 hrs on normal weekdays	30 minutes	Once per week	L_{10}(30 min.) dB(A) L_{90}(30 min.) dB(A) L_{eq}(30 min.) dB(A)	Façade Measurement
KTD2d					Free Field Measurement
KER1					Free Field Measurement
CKL1					Free Field Measurement
CKL2					Free Field Measurement

Monitoring Equipment

3.5 Integrating Sound Level Meter was used for impact noise monitoring. The meters were Type 1 sound level meter capable of giving a continuous readout of the noise level readings including equivalent continuous sound pressure level (L_{eq}) and percentile sound pressure level (L_x) that also complied with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1) specifications. **Table 3.3** summarizes the noise monitoring equipment being used within the reporting period. Copies of calibration certificates are attached in **Appendix G**.

Table 3.3 Noise Monitoring Equipment

Equipment	Model	Quantity
Integrating Sound Level Meter	BSWA 308 (Serial no. 570187, 580238, 580156) SVAN 957 (Serial no. 23851)	4
Calibrator	AWA6021A (Serial no.1023253, 1023064)	2

Monitoring Methodology and QA/QC Procedure

3.6 The monitoring procedures are as follows:

- The monitoring station was normally be at a point 1m from the exterior of the sensitive receivers building façade and be at a position 1.2m above the ground.
- For free field measurement, the meter was positioned away from any nearby reflective surfaces. All records for free field noise levels were adjusted with a correction of +3 dB(A).
- The battery condition was checked to ensure the correct functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
  - Frequency weighting: A
  - Time weighting: Fast
  - Time measurement: 30 minutes
- Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94.0 dB at 1000 Hz. If the difference in the calibration level before and after measurement

was more than 1.0 dB, the measurement would be considered invalid and repeat of noise measurement would be required after re-calibration or repair of the equipment.

- The wind speed was frequently checked with the portable wind meter.
- At the end of the monitoring period, the L_{eq}, L_{90} and L_{10} were recorded. In addition, site conditions and noise sources were recorded on a standard record sheet.
- Noise monitoring would be cancelled in the presence of fog, rain, and wind with a steady speed exceeding 5 m/s, or wind with gusts exceeding 10 m/s. Supplementary monitoring would be provided to ensure sufficient data would be obtained.

Maintenance and Calibration

3.7 The microphone head of the sound level meter and calibrator were cleaned with a soft cloth at quarterly intervals.

3.8 The sound level meter and calibrator were checked and calibrated at yearly intervals.

3.9 Immediately prior to and following each noise measurement the accuracy of the sound level meter was checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements were accepted as valid only if the calibration levels from before and after the noise measurement agree to within 1.0 dB.

Results and Observations

3.10 Impact noise monitoring was conducted at five monitoring stations as scheduled. The monitoring schedule is shown in **Appendix B**. No Action and Level exceedance was recorded for day time construction noise monitoring in the reporting month.

3.11 Noise monitoring results and graphical presentations are shown in **Appendix H**.

3.12 According to field observations observed in the reporting period, the major noise sources identified at the noise monitoring stations are shown in **Table 3.4**.

Table 3.4 Other Noise Source Identified during Noise Monitoring

Monitoring Stations	Major Noise Source
KTD 1	• Project related construction activities (Loading and unloading of C&D waste, travel of vehicles, use of PME and other plants, and other construction activities); • Vehicle movement in the site; • Road traffic along Shing Cheong Road; and, • Non-project related construction activities at the nearby construction site of New Acute Hospital.
KTD 2d	• Project related construction activities (Loading and unloading of C&D waste, travel of vehicles, use of PME and other plants, and other construction activities); • Vehicle movement in the site; and, • Non-project related construction activities. (i.e excavating work, Loading and unloading of C&D wastes at the nearby construction site of Additional District Cooling System at Kai Tak Development, Paul Y. Engineering.)

Monitoring Stations	Major Noise Source
KER 1	• Road traffic along Kai Hing Road. • Project related construction activities (Travel of vehicles, use of PME and other plants, and other construction activities)
CKL1	• Road traffic along Cha Kwo Ling Road.
CKL2	• Road traffic along Cha Kwo Ling Road

3.13 The baseline noise level and the Noise Limit Level at each designated noise monitoring station are presented in **Table 3.5**.

Table 3.5 Baseline Noise Level and Noise Limit Level for Monitoring Stations

Monitoring Stations	Baseline Noise Level, dB (A) (at 0700 – 1900 hrs on normal weekdays)	Noise Limit Level, dB (A) (at 0700 – 1900 hrs on normal weekdays)
KTD1	78	75
KTD2d	64	
KER1	65	
CKL1	72.4	
CKL2	71.4	

Comparison of EM&A Result with EIA Prediction

3.14 The noise monitoring data was compared with the predictions in Table 5.13 of EIA Report (AEIAR-174/2013) as summarised in **Table 3.6**.

Table 3.6 Maximum Predicted Mitigated Construction Noise Levels in EIA Report

Monitoring Stations	NSR ID	Maximum Predicted Mitigated Construction Noise Levels in EIA Report (AEIAR-174/2013), dB(A)	Maximum Construction Noise Levels in the Reporting Month (February 2025), Leq (30min) dB(A)
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)	KTD1	74	71.3
KTD2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	N/A (1)	N/A (1)	63
KER1 – Future Residential Development at Kerry Godown	KER1	75	73
CKL1 - Flat 121 Cha Kwo Ling Village	CKL4	71	74
CKL2 - Flat 103 Cha Kwo Ling Village	CKL5	69	74

Remarks:
(1): No Maximum Predicted Mitigated Construction Noise Levels was predicted in EIA Report (AEIAR-174/2013)

3.15 The result at CKL1, CKL2 were higher than the maximum predicted mitigated construction noise level in the EIA Report, AEIAR-174/2013 (as approved in 2013), this may be due to fluctuations of traffic flow along Cha Kwo Ling Road. Besides, the result at KTD1 and KER1 were lower than the maximum predicted mitigated construction noise level in the EIA Report. No Action and Limit Level exceedance were recorded in the reporting period.

4 WATER QUALITY

Monitoring Requirement

4.1 According to Section 4.3.1.1 of EM&A Manual (AEIAR-174/2013), no water quality monitoring is required during the construction phase.

4.2 According to Section 4.3.1.5 of EM&A Manual (AEIAR-174/2013), compliance site audits are to be undertaken by the Engineer and ET and escorted by the Contractor to ensure that a valid discharge license has been issued by the EPD prior to the discharge of the effluent from the construction activities of the Project site. Monitoring of the quality of the treated effluent from the works areas should be carried out in accordance with the Water Pollution Control Ordinance (WPCO) license. The audit results reflect whether the effluent quality is in compliance with the discharge license requirements, the summaries of site audits are attached in **Appendix I**.

4.3 In the event of non-compliance, the responsibilities of the relevant parties are detailed in the Event / Action plan attached in **Appendix J**.

5 MARINE ECOLOGY

5.1 According to Section 5.3.1.1 of EM&A Manual (AEIAR-174/2013), ET will be required to undertake audit of good site practice for habitat protection as detailed below. The summaries of site audits are attached in **Appendix I**.

- Avoid damage and disturbance to the remaining and surrounding natural habitat;
- Ensure placement of equipment is within designated areas within the existing disturbed land;
- Ensure construction activities are restricted to within the proposed works boundary;
- Ensure spoil heaps are be covered at all times;
- Ensure that disturbed areas are reinstated immediately after completion of the works; and
- Ensure enhancement planting works undertaken.

6 FISHERIES

6.1 According to Section 6.3.1.2 of EM&A Manual (AEIAR-174/2013), no specific fisheries monitoring and audit programme is required during the construction phase.

6.2 The implementation of the water quality mitigation measures stated in the Water Quality Impact Assessment (Refer to Section 6 of the EIA Report (AEIAR-174/2013)) will be audited as part of the EM&A procedures during the construction period and the details are presented in **Section 4.2** of this Report. The summaries of site audits are attached in **Appendix I**.

7 LANDSCAPE AND VISUAL

7.1 According to the EM&A Manual (AEIAR-174/2013), a series of mitigation measures were recommended to ameliorate the landscape and visual impacts of the Project. The mitigation measures for construction stage are summarized in **Table 7.1** below and provided in **Appendix K**:

Table 7.1 Construction Phase Landscape and Visual Mitigation Measures

ID No.	Landscape and Visual Mitigation Measure
CM1	All works shall be carefully designed to minimize impacts on existing landscape resources and visually sensitive receivers. Existing trees within works area shall be retained and protected.
CM2	Existing trees of good quality and condition that are unavoidably affected by the works should be transplanted.
CM3	Not used.
CM4	Not used.
CM5	Large temporary stockpiles of excavated material shall be covered with unobtrusive sheeting to prevent dust and dirt spreading to adjacent landscape areas and vegetation, and to create a neat and tidy visual appearance.
CM6	Construction plant and building material shall be orderly and carefully stored in order to create a neat and tidy visual appearance
CM7	Erection of decorative screen hoarding should be designed to be compatible with the existing urban context.
CM8	All lighting in construction site shall be carefully controlled to minimize light pollution and night-time glare to nearby residences and GIC user. The contractor shall consider other security measures, which shall minimize the visual impacts.

7.2 A specialist Landscape Sub-Contractor should be employed by the Contractor for the implementation of landscape construction works and subsequent maintenance operations during the establishment period. It is proposed that the planting works will be on-site and the planting

should be completed during the construction contract. The monitoring of the planting establishment should be undertaken for a 12-month period which could extend throughout the Contractor's one-year maintenance period, which will be within the first operational year of the Project.

7.3 All measures undertaken by both the Contractor and the specialist Landscape Sub-Contractor during the construction phase and first year of the operational phase shall be audited by a Registered Landscape Architect (RLA), as a member of the Environmental Team (ET), on a regular basis to ensure compliance with the intended aims of the measures. To fulfil the aforementioned requirements, on-site landscape and visual mitigation measures were audited by RLA in the reporting month.

7.4 According to Section 7.3.1.2 of the EM&A Manual (AEIAR-174/2013), site audits shall be undertaken at least once every two weeks throughout the construction period to monitor and audit the timely implementation of landscape and visual mitigation measures within the site boundaries of this Project.

7.5 The broad scope of the audit is detailed below but should also be undertaken with reference to the more specific checklist provided in **Table 7.2**. The summaries of site audits are attached in **Appendix I**:

- The extent of the agreed works areas should be regularly checked during the construction phase. Any trespass by the Contractor outside the limit of the works, including any damage to existing trees and soft landscape areas shall be prohibited;
- the progress of the engineering works should be regularly reviewed on site to identify the earliest practical opportunities for the landscape works to be undertaken;
- all existing trees and vegetation within the study area which are not directly affected by the works are retained and protected;
- the methods of protecting existing vegetation proposed by the Contractor are acceptable and enforced;
- preparation, lifting transport and re-planting operations for any transplanted trees;
- all landscaping works are carried out in accordance with the specifications;
- the planting of new trees, shrubs, groundcover, climbers, ferns, grasses and other plans, together with the replanting of any transplanted trees are carried out properly and within the right season; and
- all necessary horticultural operations and replacement planting are undertaken throughout the Establishment Period to ensure the healthy establishment and growth of both transplanted trees and all newly established plants.

Table 7.2 Construction Phase Audit Checklist for Landscape and Visual Mitigation Measures

Area of Works	Items to be Monitored
Advance planting	Monitoring of implementation and maintenance of planting, and against possible incursion, physical damage, fire, pollution, surface erosion, etc.
Protection of all trees and existing soft landscape areas to be retained	Identification and demarcation of trees / vegetation to be retained, erection of physical protection (e.g. fencing), monitoring against possible incursion, physical damage, fire, pollution, surface erosion, etc.
Clearance of existing vegetation	Identification and demarcation of trees / vegetation to be cleared, checking of extent of works to minimise damage, monitoring of adjacent areas against possible incursion, physical damage, fire, pollution, surface erosion, etc.
Pruning of trees	Identification and demarcation of trees / vegetation to be pruned, monitoring of extent of pruning to minimise damage, timing of operations, implementation of all stages of preparatory and pruning works, and maintenance of pruned vegetation, etc.
Plant supply	Monitoring of operations relating to the supply of specialist plant material (including the collecting, germination and growth of plants from seed) to ensure that plants will be available in time to be used within the construction works.
Soiling, planting, etc.	Monitoring of implementation and maintenance of soiling and planting works and against possible incursion, physical damage, fire, pollution, surface erosion, etc.
Site fencing and hoarding	Implementation and maintenance, to ensure compliance with agreed designs and check that it matches the surrounding environment and does not cause visual intrusion.
Architectural treatment of engineering works.	Implementation and maintenance of mitigation measures, to ensure compliance with agreed designs as applicable.
Establishment Works	Monitoring of implementation of maintenance operations during Establishment Period.

7.6 In the event of non-compliance, the responsibilities of the relevant parties are detailed in the Event / Action plan attached in **Appendix J**.

7.7 In the reporting month, no non-compliance of the landscape and visual mitigation measures was recorded by RLA.

8 CULTURAL HERITAGE

8.1 According to Section 8.3.1.1 of EM&A Manual (AEIAR-174/2013), as a precautionary measure, it is recommended that if any antiquity or supposed antiquity is discovered during the course of the excavation works undertaken by the Contractor, the discovery shall be reported to the AMO immediately and all necessary measures taken to preserve it.

8.2 According to Section 8.3.1.2 of EM&A Manual (AEIAR-174/2013), no EM&A is required during the construction and operational phase.

9 WASTE MANAGEMENT

9.1 According to Section 9.3.1.1 of EM&A Manual (AEIAR-174/2013), the effective management of waste arisings during the construction phase will be monitored through the site audit programme. Regular audits and site inspections should be carried out by the Engineer, ET and Contractor to ensure that the recommended good site practices and other mitigation measures are implemented by the Contractor. The summaries of site audits are attached in **Appendix I**.

9.2 According to Sections 9.3.1.3 and 9.3.1.4 of EM&A Manual (AEIAR-174/2013), documents including licenses, permits, disposal and recycling records should be reviewed and audited during site audits for the compliance with the legislation and contract requirements to ensure proper records are being maintained and procedures undertaken in accordance with the Waste Management Plan.

9.3 With reference to the relevant handing records of this Project, the quantities of different types of waste generated in the reporting month are summarized and presented in the **Appendix O**.

10 ENVIRONMENTAL AUDIT

Site Audits

10.1 Site audits were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site. The summaries of site audits are attached in **Appendix I**.

10.2 Site audits for each contract were conducted as follows.

- ED/2018/04 – Site audit was conducted on 06, 13, 20 & 27 February 2025 in the reporting month. Site inspection of the IEC was conducted on 27 February 2025. No non-compliances were observed during site audits.

- ED/2020/03 – Site audit was conducted on 06, 14, 20 & 27 February 2025 in the reporting month. Site inspection of the IEC was conducted on 14 February 2025. No non-compliance was observed during the site audits.

Implementation Status of Environmental Mitigation Measures

10.3 According to Environmental Permits, the approved EIA Reports (Register No.: AEIAR-174/2013 and AEIAR-173/2013), and the EM&A Manuals of the Project (AEIAR-174/2013 and AEIAR-173/2013), 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 K**.

10.4 The ET weekly site inspections were carried out during the reporting month and the observations and recommendations are summarized in **Table 10.1**. Refer to **Appendix I** for the site inspection summary reports in the reporting month.

Table 10.1 Observations and Recommendations of Site Audit

Parameters	Date	Observations and Recommendations	Follow-up
Air Quality	N/A	There was no observation in the reporting period.	N/A
Noise	N/A	There was no observation in the reporting period.	N/A
Water Quality	27 Feb 2025	Stagnant water was observed.	Follow up in the next reporting month.
Ecology	N/A	There was no observation in the reporting period.	N/A
Landscape and Visual	N/A	There was no observation in the reporting period.	N/A
Waste/ Chemical Management	N/A	There was no observation in the reporting period.	N/A

Parameters	Date	Observations and Recommendations	Follow-up
Permits /Licences	N/A	There was no observation in the reporting period.	N/A

Implementation Status of Event and Action Plans

10.5 The Event and Action Plans for air quality, construction noise, and landscape and visual are presented in **Appendix J**.

Air Quality Monitoring

- No Action and no Limit Level exceedance for 24-hour TSP monitoring was recorded.

Construction Noise Monitoring

- No Action and Limit Level exceedance was recorded in the reporting month.

Landscape and Visual

- No landscape and visual non-conformity were recorded.

Status of Required Submission under Environmental Permit

10.6 According the Section 11.3.2.1 (c) of the EM&A Manual (AEIAR-174/2013), status of required submission under EP-451/2013 during the reporting period are summarized in **Table 10.2**.

Table 10.2 Status of Required Submission under Environmental Permit

EP Condition	Submission	Submission Date
EP-451/2013		
Condition 2.3	Management Organization of Main Construction Companies for ED/2018/04	20 January 2020
Condition 2.3	Management Organization of Main Construction Companies for ED/2020/03	21 March 2023
Condition 2.4	Design Drawing of the Project	20 January 2020
Condition 2.5	Landscape Mitigation Plan (Rev. F)	25 November 2022
Condition 2.10 (a)	Supplementary Contamination Assessment Plan	18 December 2015
Condition 2.10 (b)	Supplementary Contamination Assessment Report	6 December 2016
Condition 3.3	Updated Baseline Monitoring Report	3 November 2020
Condition 3.4	Monthly EM&A Report (January 2025) for ED/2018/04 and ED/2020/03	13 February 2025

11 ENVIRONMENTAL NON-CONFORMANCE

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

11.1 The summaries of environmental complaint, warning, summon and notification of successful prosecution for the Project is presented in **Appendix L**.

Summary of Exceedance

11.2 The summary of exceedance record in the reporting month is shown in **Appendix M**.

11.3 No non-conformity was recorded for landscape and visual inspections conducted in the reporting month.

12 FUTURE KEY ISSUES

12.1 Tentative construction programmes for the next three months are provided in **Appendix N**.

12.2 Major site activities undertaken for the coming months and the key environmental issues are summarized as follows:

Table 12.1 Summary Table for Site Activities and the Key Environmental Issues in the next Reporting Period

Contract No. and Project Title	Site Activities (March 2025)	Key Environmental Issues
ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at South Apron	• WVB – ABWF works • WVB – E&M works • WVB – External works • DPR – GRC panel subframe installation • DPR – Parapet installation • DPR – Sign gantry erection • SUS – E&M works • LSCC – RC Structure • LSCC – Backfilling • TSS – WB internal structure from CP22 to CP26 • TSS – EB internal structure up to CP22 • CP – TSS WB Tympanum construction	• Wheel washing bay at site exits; • Temporary noise barriers for PMEs; • Sedimentation tank for settling muddy water; and • Make sure open stockpiles are covered during rainstorm.
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works[(1)]	• Project signboard in works area	• The waste should be removed regularly and litter free. • The storage area should be kept tidy.

Contract No. and Project Title	Site Activities (March 2025)	Key Environmental Issues

Notes:
(1): No major construction work was undertaken during reporting month.
N/A: Not applicable

Monitoring Schedule

12.3 The tentative environmental monitoring schedule for the next three months are shown in **Appendix B**.

13 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

13.1 This is the 60th Monthly EM&A Report which presents the EM&A works undertaken during the reporting month in accordance with the EM&A Manual (AEIAR-174/2013) and the requirement under EP.

Air Quality Monitoring

13.2 No Action and no Limit Level exceedance was recorded for 24-hour TSP monitoring in the reporting month.

Construction Noise Monitoring

13.3 No Limit Level exceedance was recorded for day-time construction noise monitoring in the reporting month.

13.4 No Action Level exceedance was recorded in the reporting month.

Site Audit

13.5 Four (4) ET joint weekly environmental site inspections were conducted for the Contact No. ED/2018/04 in the reporting month.

13.6 Four (4) ET joint environmental site inspections were conducted for the Contact No. ED/2020/03 in the reporting month.

Complaint, Notification of Summons and Successful Prosecution

13.7 No environmental complaint was received in the reporting month. No notifications of summons and successful prosecutions were received in the reporting month.

Recommendations

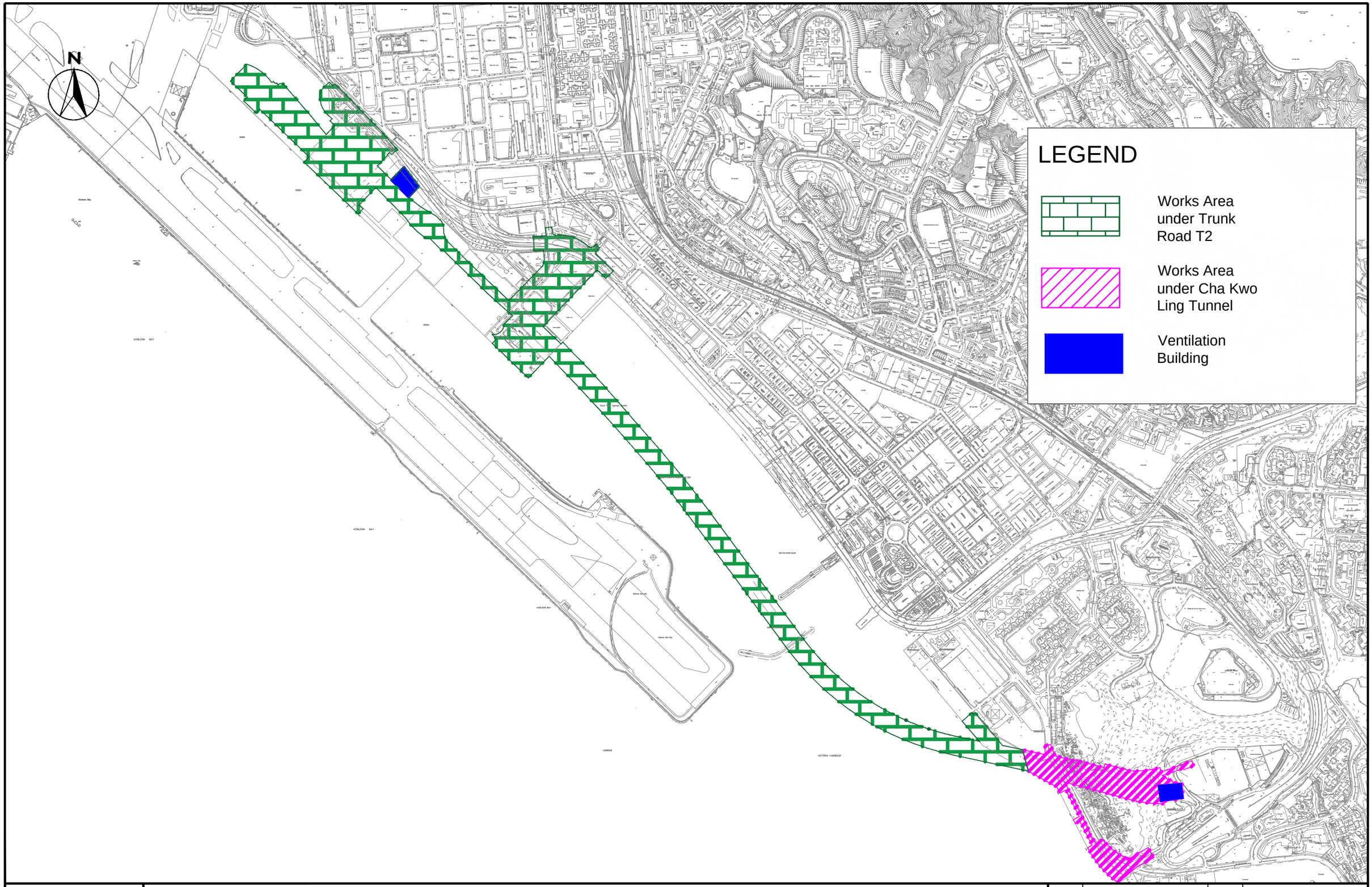
13.8 According to the environmental audit performed in the reporting month, the following recommendations was made:

ED/2018/04

Water Quality

- Ponding water should be removed.

FIGURES



CINOTECH
Cinotech Consultants Limited

Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Site Layout Plan

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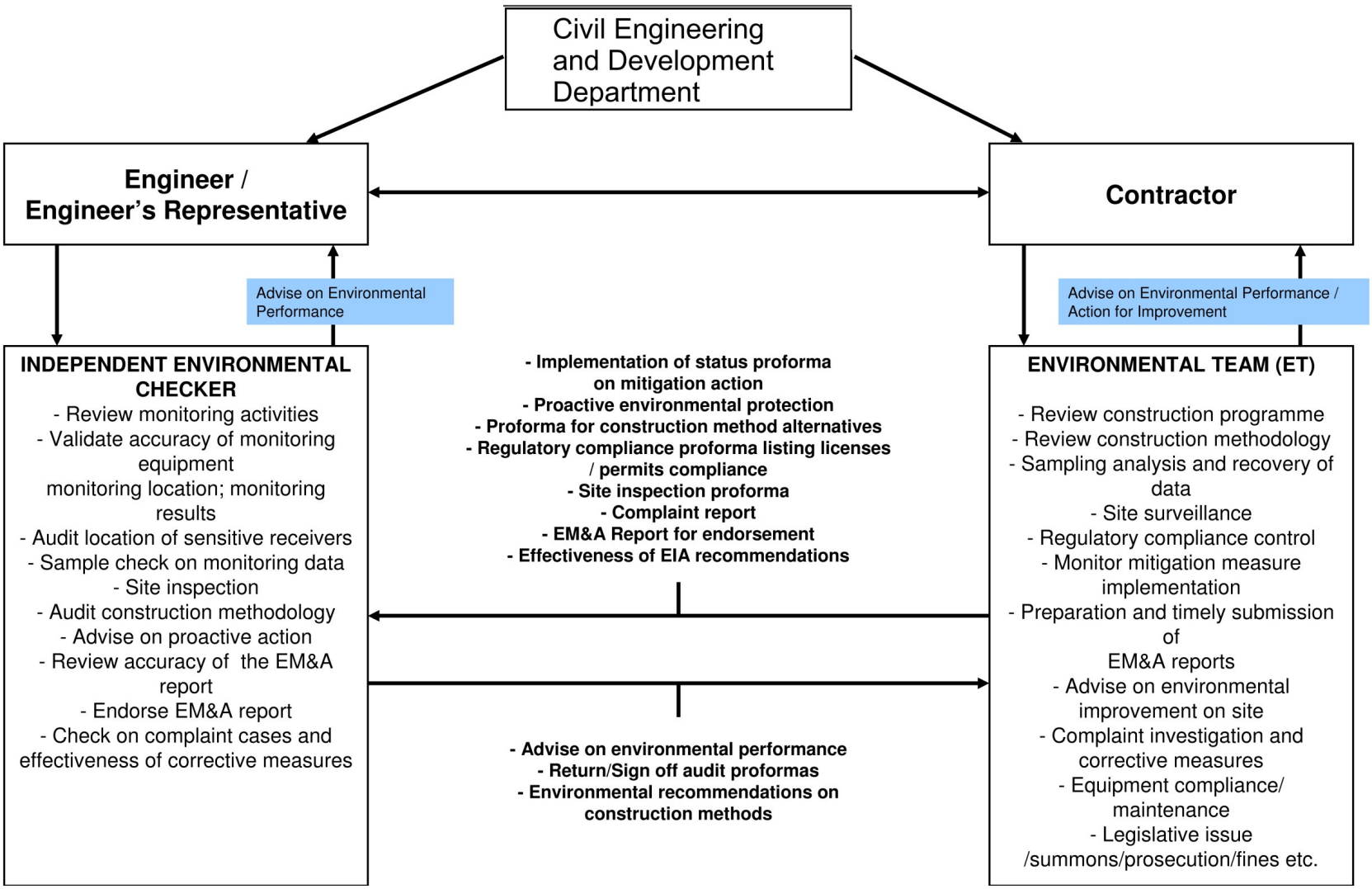
CHECK	KC	DRAWN	TL
JOB No.	MA20003	FIGURE No. Fig 1	REV -



Rev.	Description	Date

Drawing title

PROJECT ORGANISATION AND LINES OF COMMUNICATION

Original Size A3

Scale N.T.S

Date 18/JAN/2013

File name

Drawing No. FIGURE 1.2

Rev. –

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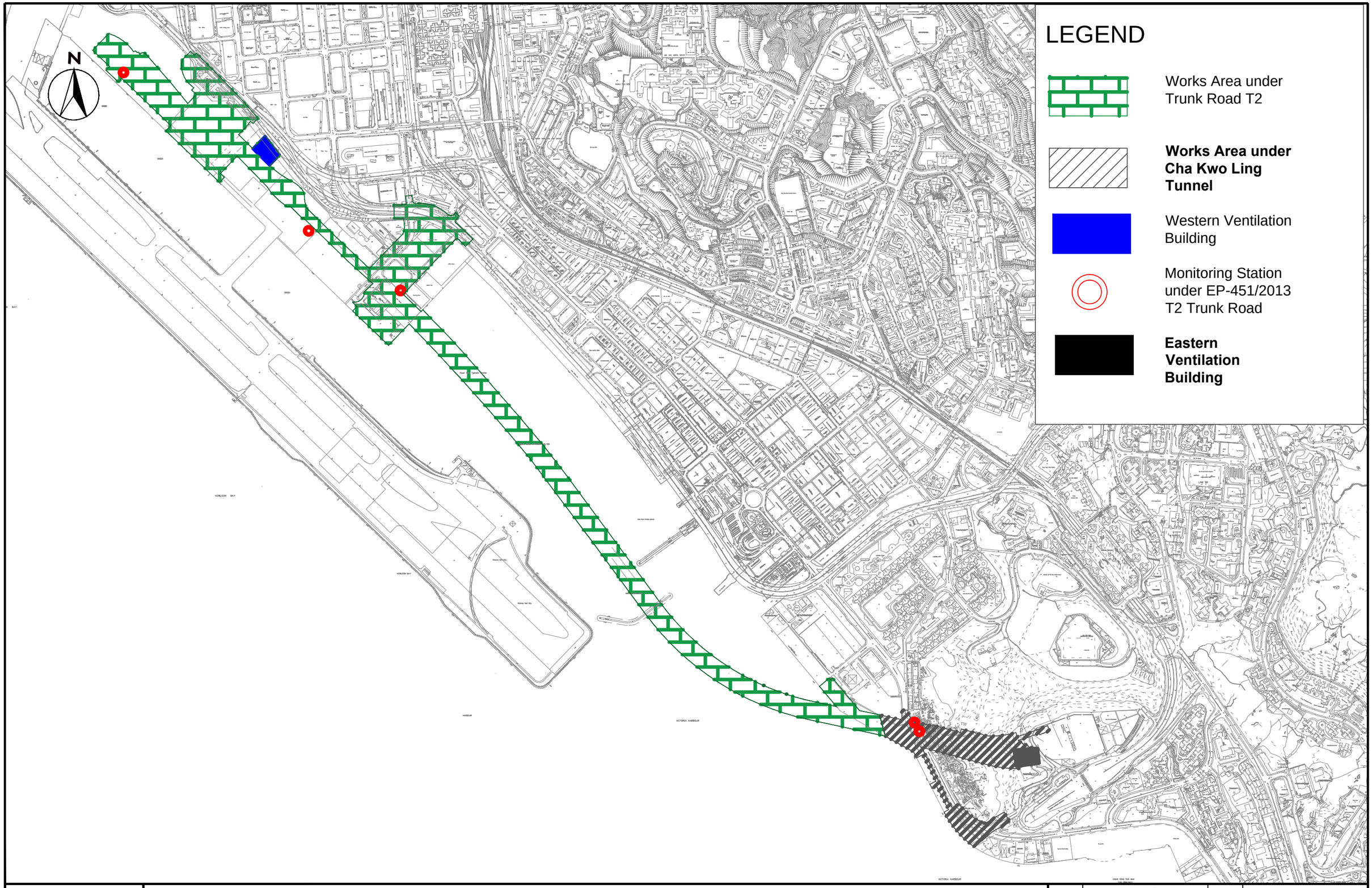
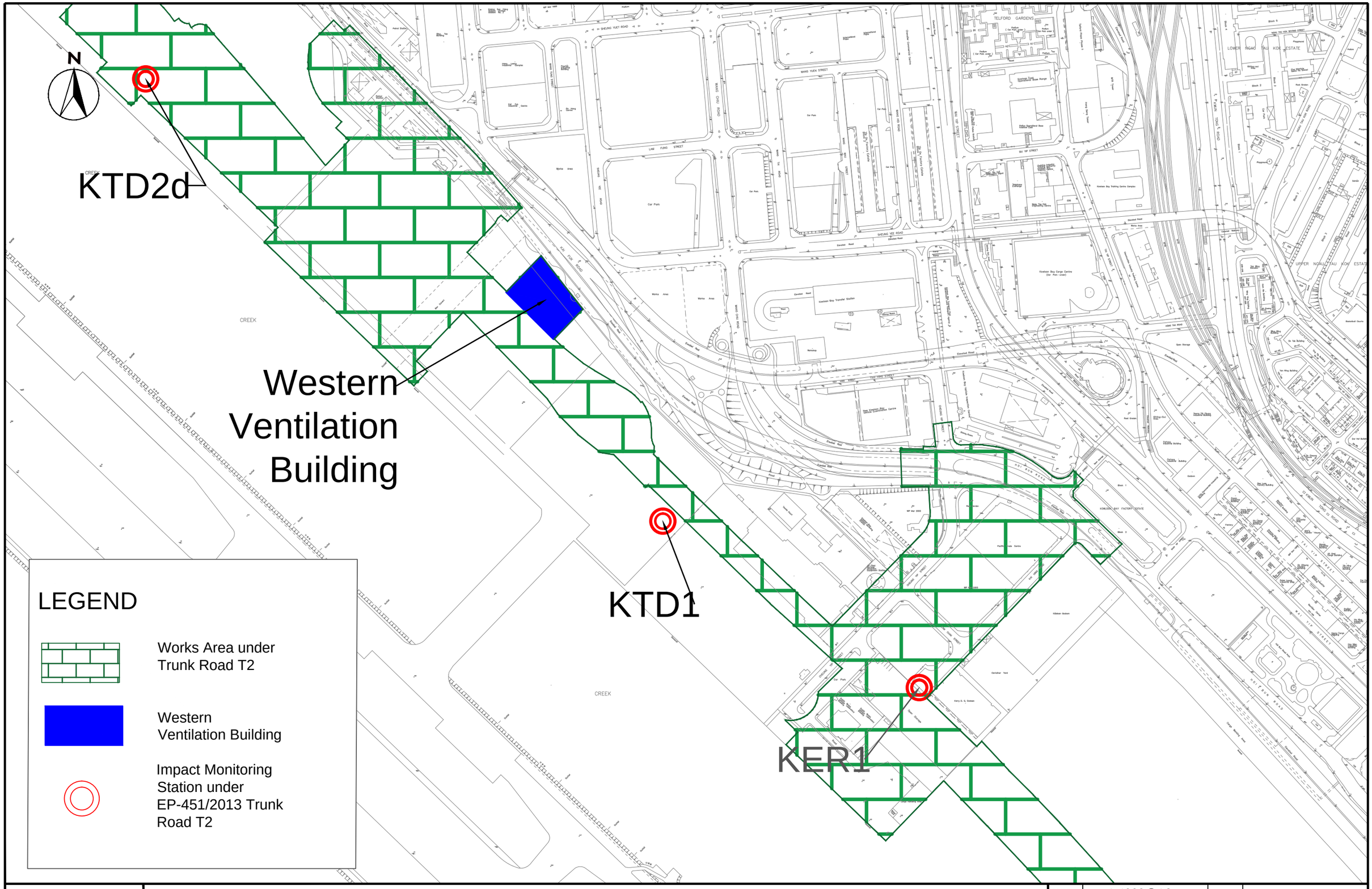


CINOTECH
Cinotech Consultants Limited

Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Monitoring Station of the Project

SCALE	1:10000@A3	DATE	June 21
CHECK	KC	DRAWN	TL
JOB No.	MA20003	FIGURE No. Fig 2	REV -



CINOTECH
Cinotech Consultants Limited

Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Monitoring Station at South Apron of Former Kai Tak Airport

SCALE	1:4000@A3	DATE	Jun 21
CHECK	KC	DRAWN	TL
JOB No.	MA20003	FIGURE No.	Fig 2a
		REV	-

CKL1

CKL2

Eastern Ventilation Building

LEGEND

- Works Area under Trunk Road T2
- Works Area under Cha Kwo Ling Tunnel
- Eastern Ventilation Building
- Monitoring Station under EP-451/2013 Trunk Road T2

CINOTECH
Cinotech Consultants Limited

Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Monitoring Station at Cha Kwo Ling

SCALE	1:4000@A3	DATE	March 20
CHECK	KC	DRAWN	TL
JOB No.	MA20003	FIGURE No.	Fig 2b
		REV	-

APPENDIX A
ACTION AND LIMIT LEVELS

Appendix A - Action and Limit Levels

Table A-1 Action and Limit Levels for 1-hour TSP (in case of complaints)

Location	Action Level, µg/m^3	Limit Level, µg/m^3
KTD1	285	500
KTD2d	279	
KER1	295	
CKL1	323	
CKL2	327	

Table A-2 Action and Limit Levels for 24-hour TSP

Location	Action Level, µg/m^3	Limit Level, µg/m^3
KTD1	177	260
KTD2d	157	
KER1	172	
CKL1	191	
CKL2	183	

Table A-3 Action and Limit Levels for Noise during Construction Period

Time Period	Action Level	Limit Level
0700-1900 hrs on normal weekdays	When one documented complaint is received	75 dB(A)[(1)]

Note:
(1) If works are to be carried out during restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be followed.

APPENDIX B
ENVIRONMENTAL MONITORING SCHEDULES

Contract No. ED/2018/04
Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron
Impact Air and Noise Monitoring Schedule (February 2025)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1-Feb
2-Feb	3-Feb	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb
	24-hr TSP	Noise				24-hr TSP
9-Feb	10-Feb	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb
	Noise				24-hr TSP	
16-Feb	17-Feb	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb
				24-hr TSP	Noise	
23-Feb	24-Feb	25-Feb	26-Feb	27-Feb	28-Feb	
			24-hr TSP	Noise		

*Noise: Noise Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)
**24-hr TSP:24-hr TSP Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)

Air Quality Monitoring Station
24-hr TSP
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)
KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area
KER1 - Future Residential Development at Kerry Godown
CKL1 - Flat 121 Cha Kwo Ling Village
CKL2 - Flat 103 Cha Kwo Ling Village

Noise Monitoring Station
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)
KER1 - Future Residential Development at Kerry Godown
KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area
CKL1 - Flat 121 Cha Kwo Ling Village
CKL2 - Flat 103 Cha Kwo Ling Village

The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
*Noise: Noise Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)
**24-hr TSP:24-hr TSP Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)

Contract No. ED/2018/04
Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron
Tentative Impact Air and Noise Monitoring Schedule (March 2025)

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

The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
*Noise: Noise Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)
**24-hr TSP:24-hr TSP Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)

Air Quality Monitoring Station
24-hr TSP
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)
KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area
KER1 - Future Residential Development at Kerry Godown
CKL1 - Flat 121 Cha Kwo Ling Village
CKL2 - Flat 103 Cha Kwo Ling Village

Noise Monitoring Station
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)
KER1 - Future Residential Development at Kerry Godown
KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area
CKL1 - Flat 121 Cha Kwo Ling Village
CKL2 - Flat 103 Cha Kwo Ling Village

The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
*Noise: Noise Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)
**24-hr TSP:24-hr TSP Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)

Contract No. ED/2018/04
Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron
Tentative Impact Air and Noise Monitoring Schedule (April 2025)

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

The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
*Noise: Noise Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)
**24-hr TSP:24-hr TSP Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)

Air Quality Monitoring Station
24-hr TSP
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)
KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area
KER1 - Future Residential Development at Kerry Godown
CKL1 - Flat 121 Cha Kwo Ling Village
CKL2 - Flat 103 Cha Kwo Ling Village

Noise Monitoring Station
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)
KER1 - Future Residential Development at Kerry Godown
KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area
CKL1 - Flat 121 Cha Kwo Ling Village
CKL2 - Flat 103 Cha Kwo Ling Village

The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
*Noise: Noise Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)
**24-hr TSP:24-hr TSP Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)

Contract No. ED/2018/04
Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron
Tentative Impact Air and Noise Monitoring Schedule (May 2025)

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

The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
*Noise: Noise Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)
**24-hr TSP:24-hr TSP Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)

Air Quality Monitoring Station
24-hr TSP
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)
KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area
KER1 - Future Residential Development at Kerry Godown
CKL1 - Flat 121 Cha Kwo Ling Village
CKL2 - Flat 103 Cha Kwo Ling Village

Noise Monitoring Station
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)
KER1 - Future Residential Development at Kerry Godown
KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area
CKL1 - Flat 121 Cha Kwo Ling Village
CKL2 - Flat 103 Cha Kwo Ling Village

The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)
*Noise: Noise Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)
**24-hr TSP:24-hr TSP Monitoring works in both Kai Tak and Cha Kwo Ling (KTD1, KTD2d, KER1, CKL1 and CKL2)

APPENDIX C
COPIES OF CALIBRATION CERTIFICATES FOR AIR QUALITY MONITORING

Certificate of Calibration - Wind Monitoring Station

Description:	Yau Lai Estate, Bik Lai House
Manufacturer:	Davis Instruments
Model No.:	Davis7440
Serial No.:	MC01010A44
Equipment No.:	SA-03-04
Date of Calibration	17-Aug-2024
Next Due Date	17-Feb-2025

1. Performance check of Wind Speed

Wind Speed, m/s		Difference D (m/s)
Wind Speed Reading (V1)	Anemometer Value (V2)	D = V1 – V2
0.0	0.0	0.0
1.5	1.6	-0.1
2.5	2.3	0.2
4.0	4.0	0.0

2. Performance check of Wind Direction

Wind Direction (^{o})		Difference D (^{o})
Wind Direction Reading (W1)	Marine Compass Value (W2)	D = W1 - W2
0	0	0.0
90	90	0.0
180	180	0.0
270	270	0.0

Test Specification:

1. Performance Wind Speed Test - The wind meter was on-site calibrated against the anemometer

2. Performance Wind Direction Test - The wind meter was on-site calibrated against the marine compass at four direction

Calibrated by: _____ Wong Shing Kwai

Approved by: _____ Henry Leung

Certificate of Calibration - Wind Monitoring Station

Description:	Yau Lai Estate, Bik Lai House
Manufacturer:	Davis Instruments
Model No.:	Davis7440
Serial No.:	MC01010A44
Equipment No.:	SA-03-04
Date of Calibration	17-Feb-2025
Next Due Date	17-Aug-2025

1. Performance check of Wind Speed

Wind Speed, m/s		Difference D (m/s)
Wind Speed Reading (V1)	Anemometer Value (V2)	D = V1 – V2
0.0	0.0	0.0
1.5	1.4	0.1
2.5	2.4	0.1
4.0	3.8	0.2

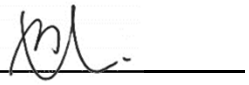
2. Performance check of Wind Direction

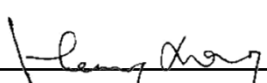
Wind Direction (^{o})		Difference D (^{o})
Wind Direction Reading (W1)	Marine Compass Value (W2)	D = W1 - W2
0	0	0.0
90	90	0.0
180	180	0.0
270	270	0.0

Test Specification:

1. Performance Wind Speed Test - The wind meter was on-site calibrated against the anemometer

2. Performance Wind Direction Test - The wind meter was on-site calibrated against the marine compass at four direction

Calibrated by:  Wong Shing Kwai

Approved by:  Henry Leung

TISCH Environmental

RECALIBRATION DUE DATE:
January 7, 2026

Certificate of Calibration

Calibration Certification Information				
Cal. Date:	January 7, 2025	**Rootsmeter S/N:** 438320	**Ta:** 293	°K
Operator:	Jim Tisch		**Pa:** 759.0	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	1.4590	3.2	2.00
2	3	4	1	1.0360	6.4	4.00
3	5	6	1	0.9160	8.0	5.00
4	7	8	1	0.8800	8.8	5.50
5	9	10	1	0.7270	12.7	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)
1.0114	0.6932	1.4252	0.9958	0.6825	0.8787
1.0071	0.9721	2.0156	0.9916	0.9571	1.2427
1.0050	1.0971	2.2535	0.9895	1.0802	1.3893
1.0039	1.1408	2.3635	0.9884	1.1232	1.4572
0.9987	1.3737	2.8505	0.9833	1.3525	1.7574
QSTD	**m=**	**2.08969**	**QA**	**m=**	**1.30853**
	b=	**-0.02374**		**b=**	**-0.01464**
	r=	**0.99985**		**r=**	**0.99985**

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

Tisch Environmental, Inc.
145 South Miami Avenue
Village of Cleves, OH 45002

www.tisch-env.com
TOLL FREE: (877)263-7610
FAX: (513)467-9009

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET

File No. MA20003/18/030

Project No. CKL 1 - Flat 121 Cha Kwo Ling Village

Date: 4-Jan-25 Next Due Date: 6-Mar-25 Operator: SK

Equipment No.: A-01-18 Model No.: TE 5170 Serial No. 0723

Ambient Condition			
Temperature, Ta (K)	292.7	Pressure, Pa (mmHg)	765.4

Orifice Transfer Standard Information					
Serial No.	3864	Slope, mc	0.05976	Intercept, bc	-0.05018
Last Calibration Date:	15-Jan-24	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	14-Jan-25	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

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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	13.4	3.71	62.87	9.0	3.04
2	10.3	3.25	55.22	7.2	2.72
3	8.2	2.90	49.36	5.3	2.33
4	6.2	2.52	43.03	3.6	1.92
5	3.1	1.78	30.67	1.6	1.28

By Linear Regression of Y on X

Slope , mw = **0.0561** **Intercept, bw :** **-0.4458**

Correlation coefficient* = **0.9978**

*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; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ **3.76**

Remarks:

Conducted by: Wong Shing Kwai Signature: Date: 4-Jan-25

Checked by: Henry Leung Signature: Date: 4-Jan-25

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High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET

File No. MA20003/55/030

Project No. CKL 2 - Flat 103 Cha Kwo Ling Village

Date: 4-Jan-25 Next Due Date: 6-Mar-25 Operator: SK

Equipment No.: A-01-55 Model No.: TE 5170 Serial No. 1956

Ambient Condition			
Temperature, Ta (K)	292.7	Pressure, Pa (mmHg)	765.4

Orifice Transfer Standard Information					
Serial No.	3864	Slope, mc	0.05976	Intercept, bc	-0.05018
Last Calibration Date:	15-Jan-24	**mc x Qstd + bc = [ΔH x (Pa/760) x (298/Ta)]$^{1/2}$**			
Next Calibration Date:	14-Jan-25	**Qstd = {[ΔH x (Pa/760) x (298/Ta)]$^{1/2}$ -bc} / mc**			

.

Calibration of TSP Sampler					
Calibration Point	Orfice			HVS	
	ΔH (orifice), in. of water	[ΔH x (Pa/760) x (298/Ta)]$^{1/2}$	Qstd (CFM) **X - axis**	ΔW (HVS), in. of water	[ΔW x (Pa/760) x (298/Ta)]$^{1/2}$ **Y-axis**
1	13.6	3.73	63.33	9.2	3.07
2	11.2	3.39	57.55	7.3	2.74
3	9.0	3.04	51.67	5.7	2.42
4	5.3	2.33	39.85	2.6	1.63
5	3.6	1.92	32.99	1.8	1.36

By Linear Regression of Y on X

Slope , mw = **0.0581** **Intercept, bw =** **-0.6068**

Correlation coefficient* = **0.9980**

*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 x Qstd + bw = [ΔW x (Pa/760) x (298/Ta)]$^{1/2}$

Therefore, Set Point; W = (mw x Qstd + bw)^2 x (760 / Pa) x (Ta / 298) = **3.49**

Remarks:

Conducted by: Wong Shing Kwai Signature: Date: 4-Jan-25

Checked by: Henry Leung Signature: Date: 4-Jan-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET

File No. MA20003/04/0028

Project No. KER 1 - Future Residential Development at Kerry Godown

Date: 11-Jan-25 Next Due Date: 13-Mar-25 Operator: SK

Equipment No.: A-01-04 Model No.: TE 5170 Serial No. 10595

Ambient Condition			
Temperature, Ta (K)	289.6	Pressure, Pa (mmHg)	771.8

Orifice Transfer Standard Information					
Serial No.	3864	Slope, mc	0.05976	Intercept, bc	-0.05018
Last Calibration Date:	15-Jan-24	**mc x Qstd + bc = [ΔH x (Pa/760) x (298/Ta)]$^{1/2}$**			
Next Calibration Date:	14-Jan-25	**Qstd = {[ΔH x (Pa/760) x (298/Ta)]$^{1/2}$ -bc} / mc**			

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Calibration of TSP Sampler					
Calibration Point	Orfice			HVS	
	ΔH (orifice), in. of water	[ΔH x (Pa/760) x (298/Ta)]$^{1/2}$	Qstd (CFM) **X - axis**	ΔW (HVS), in. of water	[ΔW x (Pa/760) x (298/Ta)]$^{1/2}$ **Y-axis**
1	13.1	3.70	62.75	8.6	3.00
2	10.9	3.37	57.31	7.0	2.70
3	8.6	3.00	51.00	5.3	2.35
4	5.3	2.35	40.22	3.1	1.80
5	3.8	1.99	34.19	2.4	1.58

By Linear Regression of Y on X

Slope , mw = **0.0502** **Intercept, bw =** **-0.1790**

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 x Qstd + bw = [ΔW x (Pa/760) x (298/Ta)]$^{1/2}$

Therefore, Set Point; W = (mw x Qstd + bw)^2 x (760 / Pa) x (Ta / 298) = **3.76**

Remarks:

Conducted by: Wong Shing Kwai Signature: Date: 11-Jan-25

Checked by: Henry Leung Signature: Date: 11-Jan-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET

File No. MA20003/44/0027

Project No. KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)

Date: 11-Jan-25 Next Due Date: 13-Mar-25 Operator: SK

Equipment No.: A-01-44 Model No.: TE-5170 Serial No. 1316

Ambient Condition			
Temperature, Ta (K)	289.6	Pressure, Pa (mmHg)	771.8

Orifice Transfer Standard Information					
Serial No.	3864	Slope, mc	0.05976	Intercept, bc	-0.05018
Last Calibration Date:	15-Jan-24	**mc x Qstd + bc = [ΔH x (Pa/760) x (298/Ta)]$^{1/2}$**			
Next Calibration Date:	14-Jan-25	**Qstd = {[ΔH x (Pa/760) x (298/Ta)]$^{1/2}$ -bc} / mc**			

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Calibration Point	Orfice			HVS	
	ΔH (orifice), in. of water	[ΔH x (Pa/760) x (298/Ta)]$^{1/2}$	Qstd (CFM) **X - axis**	ΔW (HVS), in. of water	[ΔW x (Pa/760) x (298/Ta)]$^{1/2}$ **Y-axis**
1	13.7	3.78	64.15	9.6	3.17
2	11.3	3.44	58.34	7.4	2.78
3	9.0	3.07	52.16	5.6	2.42
4	6.2	2.55	43.43	3.5	1.91
5	3.5	1.91	32.84	2.0	1.45

.

By Linear Regression of Y on X

Slope , mw = **0.0551** **Intercept, bw =** **-0.4192**

Correlation coefficient* = **0.9971**

*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 x Qstd + bw = [ΔW x (Pa/760) x (298/Ta)]$^{1/2}$

Therefore, Set Point; W = (mw x Qstd + bw)^2 x (760 / Pa) x (Ta / 298) = **3.64**

Remarks:

Conducted by: Wong Shing Kwai Signature: Date: 11-Jan-25

Checked by: Henry Leung Signature: Date: 11-Jan-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET

File No. MA20003/41/0027

Project No. KTD 2D - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

Date: 11-Jan-25 Next Due Date: 13-Mar-25 Operator: SK

Equipment No.: A-01-41 Model No.: TE 5170 Serial No. 5280

Ambient Condition			
Temperature, Ta (K)	289.6	Pressure, Pa (mmHg)	771.8

Orifice Transfer Standard Information					
Serial No.	3864	Slope, mc	0.05976	Intercept, bc	-0.05018
Last Calibration Date:	15-Jan-24	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	14-Jan-25	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

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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	13.9	3.81	64.61	9.5	3.15
2	11.7	3.50	59.35	8.2	2.93
3	9.8	3.20	54.39	6.2	2.55
4	7.2	2.74	46.74	4.3	2.12
5	4.3	2.12	36.31	2.1	1.48

By Linear Regression of Y on X

Slope , mw = **0.0600** **Intercept, bw =** **-0.6898**

Correlation coefficient* = **0.9985**

*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; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ **3.41**

Remarks:

Conducted by: Wong Shing Kwai Signature: Date: 11-Jan-25

Checked by: Henry Leung Signature: Date: 11-Jan-25

APPENDIX D
WEATHER INFORMATION

Appendix D - Weather Conditions During Impact Monitoring Period

Date	Mean Air Temperature (°C)[1]	Mean Relative Humidity (%)[2]	Precipitation (mm)[3]
1-Feb-25	19.5	86	1.7
2-Feb-25	18.5	86	Trace
3-Feb-25	15.8	74	0.1
4-Feb-25	14.7	61	0.0
5-Feb-25	15.7	65	0.0
6-Feb-25	17.4	57	0.0
7-Feb-25	15.5	63	0.0
8-Feb-25	14.0	43	0.0
9-Feb-25	14.5	46	0.0
10-Feb-25	15.9	63	0.0
11-Feb-25	17.6	71	Trace
12-Feb-25	18.8	93	23.8
13-Feb-25	18.1	79	Trace
14-Feb-25	16.8	87	0.2
15-Feb-25	18.5	83	Trace
16-Feb-25	21.0	81	0.0
17-Feb-25	18.9	70	0.0
18-Feb-25	18.0	71	0.0
19-Feb-25	17.2	75	0.0
20-Feb-25	17.7	79	0.0
21-Feb-25	17.1	82	Trace
22-Feb-25	16.6	80	Trace
23-Feb-25	16.8	73	Trace
24-Feb-25	15.4	67	0.0
25-Feb-25	16.9	70	Trace
26-Feb-25	17.8	76	0.3
27-Feb-25	18.7	76	0.0
28-Feb-25	21.3	77	0.0

(Reporting Month: February 2025)

Remarks:

Source - Hong Kong Observatory

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

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
1 Feb 2025	12:00 AM	NNW	0.9
1 Feb 2025	1:00 AM	NNE	0.9
1 Feb 2025	2:00 AM	NNE	0.9
1 Feb 2025	3:00 AM	NNW	0.9
1 Feb 2025	4:00 AM	ENE	0.4
1 Feb 2025	5:00 AM	NNW	0.4
1 Feb 2025	6:00 AM	NNW	0.0
1 Feb 2025	7:00 AM	NNW	0.4
1 Feb 2025	8:00 AM	NNW	0.0
1 Feb 2025	9:00 AM	NNW	0.4
1 Feb 2025	10:00 AM	N	0.4
1 Feb 2025	11:00 AM	E	0.9
1 Feb 2025	12:00 PM	E	1.8
1 Feb 2025	1:00 PM	ESE	2.7
1 Feb 2025	2:00 PM	ESE	3.1
1 Feb 2025	3:00 PM	SE	1.8
1 Feb 2025	4:00 PM	NW	1.3
1 Feb 2025	5:00 PM	WNW	1.8
1 Feb 2025	6:00 PM	WNW	1.8
1 Feb 2025	7:00 PM	WNW	1.3
1 Feb 2025	8:00 PM	NNW	1.8
1 Feb 2025	9:00 PM	NNW	0.9
1 Feb 2025	10:00 PM	WNW	1.3
1 Feb 2025	11:00 PM	NW	1.3
2 Feb 2025	12:00 AM	NNW	1.3
2 Feb 2025	1:00 AM	NNW	1.3
2 Feb 2025	2:00 AM	NNW	1.8
2 Feb 2025	3:00 AM	NNW	0.9
2 Feb 2025	4:00 AM	NNW	1.3
2 Feb 2025	5:00 AM	NNW	0.9
2 Feb 2025	6:00 AM	NNE	0.9
2 Feb 2025	7:00 AM	NNE	0.9
2 Feb 2025	8:00 AM	NNW	0.9
2 Feb 2025	9:00 AM	ENE	0.4
2 Feb 2025	10:00 AM	NNW	0.4
2 Feb 2025	11:00 AM	NNW	0.0
2 Feb 2025	12:00 PM	NNW	0.4
2 Feb 2025	1:00 PM	NNW	0.0
2 Feb 2025	2:00 PM	NNW	0.4
2 Feb 2025	3:00 PM	N	0.4
2 Feb 2025	4:00 PM	NNW	0.0
2 Feb 2025	5:00 PM	NNW	0.0
2 Feb 2025	6:00 PM	NE	0.4
2 Feb 2025	7:00 PM	NNW	1.8
2 Feb 2025	8:00 PM	NW	1.8
2 Feb 2025	9:00 PM	NW	1.3
2 Feb 2025	10:00 PM	WNW	0.9
2 Feb 2025	11:00 PM	NW	0.9
3 Feb 2025	12:00 AM	WNW	0.9
3 Feb 2025	1:00 AM	WNW	0.4
3 Feb 2025	2:00 AM	WNW	0.9
3 Feb 2025	3:00 AM	WNW	0.4
3 Feb 2025	4:00 AM	WNW	0.4
3 Feb 2025	5:00 AM	WNW	0.4
3 Feb 2025	6:00 AM	NNW	0.9
3 Feb 2025	7:00 AM	NNW	0.9
3 Feb 2025	8:00 AM	NNW	0.9

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
3 Feb 2025	9:00 AM	NNW	1.3
3 Feb 2025	10:00 AM	NNW	1.8
3 Feb 2025	11:00 AM	NNW	2.7
3 Feb 2025	12:00 PM	NNW	2.7
3 Feb 2025	1:00 PM	NNW	1.8
3 Feb 2025	2:00 PM	SE	1.8
3 Feb 2025	3:00 PM	SE	2.2
3 Feb 2025	4:00 PM	ESE	1.8
3 Feb 2025	5:00 PM	ESE	2.2
3 Feb 2025	6:00 PM	ESE	1.3
3 Feb 2025	7:00 PM	SE	1.8
3 Feb 2025	8:00 PM	ESE	1.8
3 Feb 2025	9:00 PM	ESE	0.4
3 Feb 2025	10:00 PM	ESE	0.4
3 Feb 2025	11:00 PM	ESE	0.4
4 Feb 2025	12:00 AM	ESE	0.9
4 Feb 2025	1:00 AM	SE	0.4
4 Feb 2025	2:00 AM	ESE	0.4
4 Feb 2025	3:00 AM	ESE	0.4
4 Feb 2025	4:00 AM	ESE	0.4
4 Feb 2025	5:00 AM	ESE	0.4
4 Feb 2025	6:00 AM	SE	0.4
4 Feb 2025	7:00 AM	SE	0.4
4 Feb 2025	8:00 AM	NNW	0.0
4 Feb 2025	9:00 AM	NNW	0.9
4 Feb 2025	10:00 AM	NNW	0.4
4 Feb 2025	11:00 AM	WNW	0.4
4 Feb 2025	12:00 PM	WNW	0.4
4 Feb 2025	1:00 PM	SE	0.9
4 Feb 2025	2:00 PM	ESE	0.9
4 Feb 2025	3:00 PM	W	0.9
4 Feb 2025	4:00 PM	SE	0.9
4 Feb 2025	5:00 PM	WNW	1.3
4 Feb 2025	6:00 PM	SE	1.3
4 Feb 2025	7:00 PM	SE	1.3
4 Feb 2025	8:00 PM	SSE	1.8
4 Feb 2025	9:00 PM	E	1.3
4 Feb 2025	10:00 PM	E	0.9
4 Feb 2025	11:00 PM	NNW	0.4
5 Feb 2025	12:00 AM	WNW	0.4
5 Feb 2025	1:00 AM	WNW	0.4
5 Feb 2025	2:00 AM	WNW	0.4
5 Feb 2025	3:00 AM	NW	0.4
5 Feb 2025	4:00 AM	NW	0.4
5 Feb 2025	5:00 AM	WNW	0.4
5 Feb 2025	6:00 AM	NNW	1.8
5 Feb 2025	7:00 AM	NNW	0.9
5 Feb 2025	8:00 AM	WNW	0.9
5 Feb 2025	9:00 AM	WNW	0.9
5 Feb 2025	10:00 AM	NNW	1.3
5 Feb 2025	11:00 AM	WNW	0.9
5 Feb 2025	12:00 PM	WNW	2.2
5 Feb 2025	1:00 PM	NW	1.3
5 Feb 2025	2:00 PM	NW	1.3
5 Feb 2025	3:00 PM	NNW	1.8
5 Feb 2025	4:00 PM	NNW	1.8
5 Feb 2025	5:00 PM	NNW	1.3

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
5 Feb 2025	6:00 PM	WNW	0.9
5 Feb 2025	7:00 PM	NNW	0.9
5 Feb 2025	8:00 PM	NW	0.4
5 Feb 2025	9:00 PM	NNW	0.4
5 Feb 2025	10:00 PM	NNW	0.9
5 Feb 2025	11:00 PM	WNW	1.8
6 Feb 2025	12:00 AM	WNW	1.3
6 Feb 2025	1:00 AM	WNW	2.2
6 Feb 2025	2:00 AM	WNW	1.8
6 Feb 2025	3:00 AM	WNW	1.8
6 Feb 2025	4:00 AM	SSW	1.3
6 Feb 2025	5:00 AM	SSW	1.3
6 Feb 2025	6:00 AM	WNW	1.3
6 Feb 2025	7:00 AM	NNW	0.9
6 Feb 2025	8:00 AM	NNW	1.3
6 Feb 2025	9:00 AM	NNW	1.3
6 Feb 2025	10:00 AM	WNW	0.9
6 Feb 2025	11:00 AM	WNW	0.9
6 Feb 2025	12:00 PM	NW	0.4
6 Feb 2025	1:00 PM	NW	0.4
6 Feb 2025	2:00 PM	NW	0.9
6 Feb 2025	3:00 PM	WNW	1.8
6 Feb 2025	4:00 PM	WNW	1.3
6 Feb 2025	5:00 PM	W	2.2
6 Feb 2025	6:00 PM	WNW	1.8
6 Feb 2025	7:00 PM	WNW	1.8
6 Feb 2025	8:00 PM	SSW	1.3
6 Feb 2025	9:00 PM	S	1.3
6 Feb 2025	10:00 PM	SSW	1.3
6 Feb 2025	11:00 PM	SSW	0.9
7 Feb 2025	12:00 AM	NW	2.2
7 Feb 2025	1:00 AM	WSW	1.3
7 Feb 2025	2:00 AM	SW	1.3
7 Feb 2025	3:00 AM	WNW	0.9
7 Feb 2025	4:00 AM	W	2.2
7 Feb 2025	5:00 AM	W	1.3
7 Feb 2025	6:00 AM	WNW	1.3
7 Feb 2025	7:00 AM	SSW	1.8
7 Feb 2025	8:00 AM	SW	1.8
7 Feb 2025	9:00 AM	SW	0.0
7 Feb 2025	10:00 AM	WSW	0.0
7 Feb 2025	11:00 AM	WSW	0.0
7 Feb 2025	12:00 PM	WNW	0.4
7 Feb 2025	1:00 PM	WNW	0.9
7 Feb 2025	2:00 PM	S	0.4
7 Feb 2025	3:00 PM	ESE	0.9
7 Feb 2025	4:00 PM	SE	0.4
7 Feb 2025	5:00 PM	SSW	0.0
7 Feb 2025	6:00 PM	WSW	0.0
7 Feb 2025	7:00 PM	WSW	0.0
7 Feb 2025	8:00 PM	W	0.0
7 Feb 2025	9:00 PM	SSW	0.0
7 Feb 2025	10:00 PM	SSW	0.4
7 Feb 2025	11:00 PM	SSW	0.4
8 Feb 2025	12:00 AM	SSW	0.4
8 Feb 2025	1:00 AM	SSW	1.8
8 Feb 2025	2:00 AM	SW	0.9

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
8 Feb 2025	3:00 AM	SW	1.3
8 Feb 2025	4:00 AM	SW	0.9
8 Feb 2025	5:00 AM	NW	0.4
8 Feb 2025	6:00 AM	NW	1.3
8 Feb 2025	7:00 AM	SE	1.3
8 Feb 2025	8:00 AM	SE	1.3
8 Feb 2025	9:00 AM	SE	0.4
8 Feb 2025	10:00 AM	SSE	0.4
8 Feb 2025	11:00 AM	WNW	3.6
8 Feb 2025	12:00 PM	WNW	3.6
8 Feb 2025	1:00 PM	WNW	3.6
8 Feb 2025	2:00 PM	WNW	2.2
8 Feb 2025	3:00 PM	WNW	1.8
8 Feb 2025	4:00 PM	WNW	1.3
8 Feb 2025	5:00 PM	WNW	0.9
8 Feb 2025	6:00 PM	WNW	1.8
8 Feb 2025	7:00 PM	WNW	0.9
8 Feb 2025	8:00 PM	WNW	0.4
8 Feb 2025	9:00 PM	W	0.9
8 Feb 2025	10:00 PM	WNW	0.4
8 Feb 2025	11:00 PM	WNW	0.4
9 Feb 2025	12:00 AM	WNW	0.4
9 Feb 2025	1:00 AM	WNW	0.4
9 Feb 2025	2:00 AM	W	0.4
9 Feb 2025	3:00 AM	WNW	0.9
9 Feb 2025	4:00 AM	WNW	0.9
9 Feb 2025	5:00 AM	WNW	1.3
9 Feb 2025	6:00 AM	WNW	1.8
9 Feb 2025	7:00 AM	W	1.8
9 Feb 2025	8:00 AM	WSW	1.3
9 Feb 2025	9:00 AM	WSW	2.2
9 Feb 2025	10:00 AM	WSW	4.0
9 Feb 2025	11:00 AM	WSW	2.7
9 Feb 2025	12:00 PM	W	2.2
9 Feb 2025	1:00 PM	WSW	0.9
9 Feb 2025	2:00 PM	WSW	0.9
9 Feb 2025	3:00 PM	WSW	1.3
9 Feb 2025	4:00 PM	WSW	0.9
9 Feb 2025	5:00 PM	WNW	0.9
9 Feb 2025	6:00 PM	ENE	0.9
9 Feb 2025	7:00 PM	E	1.8
9 Feb 2025	8:00 PM	ENE	1.3
9 Feb 2025	9:00 PM	ENE	1.3
9 Feb 2025	10:00 PM	ENE	1.3
9 Feb 2025	11:00 PM	ENE	1.3
10 Feb 2025	12:00 AM	E	0.9
10 Feb 2025	1:00 AM	ESE	0.9
10 Feb 2025	2:00 AM	E	1.3
10 Feb 2025	3:00 AM	ENE	1.8
10 Feb 2025	4:00 AM	ESE	1.8
10 Feb 2025	5:00 AM	ENE	1.3
10 Feb 2025	6:00 AM	ESE	1.3
10 Feb 2025	7:00 AM	E	1.8
10 Feb 2025	8:00 AM	ENE	1.8
10 Feb 2025	9:00 AM	ESE	1.8
10 Feb 2025	10:00 AM	ENE	1.8
10 Feb 2025	11:00 AM	SE	1.3

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
10 Feb 2025	12:00 PM	ENE	0.4
10 Feb 2025	1:00 PM	ENE	0.9
10 Feb 2025	2:00 PM	ESE	0.9
10 Feb 2025	3:00 PM	SE	1.8
10 Feb 2025	4:00 PM	ENE	0.4
10 Feb 2025	5:00 PM	SW	0.9
10 Feb 2025	6:00 PM	ENE	0.9
10 Feb 2025	7:00 PM	E	0.9
10 Feb 2025	8:00 PM	SW	1.8
10 Feb 2025	9:00 PM	ENE	0.9
10 Feb 2025	10:00 PM	ENE	0.4
10 Feb 2025	11:00 PM	SW	0.0
11 Feb 2025	12:00 AM	SW	0.9
11 Feb 2025	1:00 AM	SSW	0.4
11 Feb 2025	2:00 AM	SW	0.9
11 Feb 2025	3:00 AM	SW	2.2
11 Feb 2025	4:00 AM	SW	2.2
11 Feb 2025	5:00 AM	ENE	1.3
11 Feb 2025	6:00 AM	ENE	1.3
11 Feb 2025	7:00 AM	ENE	2.2
11 Feb 2025	8:00 AM	ENE	2.7
11 Feb 2025	9:00 AM	ENE	1.3
11 Feb 2025	10:00 AM	ENE	1.3
11 Feb 2025	11:00 AM	ENE	1.3
11 Feb 2025	12:00 PM	ENE	1.8
11 Feb 2025	1:00 PM	ENE	1.3
11 Feb 2025	2:00 PM	ENE	1.3
11 Feb 2025	3:00 PM	ENE	1.8
11 Feb 2025	4:00 PM	ESE	2.2
11 Feb 2025	5:00 PM	ESE	2.2
11 Feb 2025	6:00 PM	ENE	2.2
11 Feb 2025	7:00 PM	ENE	0.9
11 Feb 2025	8:00 PM	ENE	1.3
11 Feb 2025	9:00 PM	ENE	0.9
11 Feb 2025	10:00 PM	SW	0.9
11 Feb 2025	11:00 PM	SW	0.9
12 Feb 2025	12:00 AM	SW	0.9
12 Feb 2025	1:00 AM	SW	0.4
12 Feb 2025	2:00 AM	SSW	0.0
12 Feb 2025	3:00 AM	SW	0.9
12 Feb 2025	4:00 AM	SW	0.9
12 Feb 2025	5:00 AM	SW	1.3
12 Feb 2025	6:00 AM	SSW	1.3
12 Feb 2025	7:00 AM	E	0.9
12 Feb 2025	8:00 AM	E	0.9
12 Feb 2025	9:00 AM	ENE	1.3
12 Feb 2025	10:00 AM	ENE	1.8
12 Feb 2025	11:00 AM	NNE	0.9
12 Feb 2025	12:00 PM	ENE	1.8
12 Feb 2025	1:00 PM	ENE	1.3
12 Feb 2025	2:00 PM	ENE	1.3
12 Feb 2025	3:00 PM	ENE	1.3
12 Feb 2025	4:00 PM	WNW	1.3
12 Feb 2025	5:00 PM	E	1.3
12 Feb 2025	6:00 PM	ENE	0.9
12 Feb 2025	7:00 PM	E	0.9
12 Feb 2025	8:00 PM	E	1.8

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
12 Feb 2025	9:00 PM	E	1.8
12 Feb 2025	10:00 PM	NW	1.3
12 Feb 2025	11:00 PM	W	0.9
13 Feb 2025	12:00 AM	W	0.4
13 Feb 2025	1:00 AM	W	0.4
13 Feb 2025	2:00 AM	ESE	1.8
13 Feb 2025	3:00 AM	E	1.3
13 Feb 2025	4:00 AM	WSW	1.3
13 Feb 2025	5:00 AM	E	0.4
13 Feb 2025	6:00 AM	ESE	0.9
13 Feb 2025	7:00 AM	W	0.4
13 Feb 2025	8:00 AM	WSW	0.4
13 Feb 2025	9:00 AM	W	0.4
13 Feb 2025	10:00 AM	ESE	0.4
13 Feb 2025	11:00 AM	ENE	0.4
13 Feb 2025	12:00 PM	NNE	0.4
13 Feb 2025	1:00 PM	ENE	0.4
13 Feb 2025	2:00 PM	NNW	0.4
13 Feb 2025	3:00 PM	W	0.4
13 Feb 2025	4:00 PM	W	0.4
13 Feb 2025	5:00 PM	NW	0.4
13 Feb 2025	6:00 PM	NW	0.4
13 Feb 2025	7:00 PM	NW	0.9
13 Feb 2025	8:00 PM	NW	1.3
13 Feb 2025	9:00 PM	W	1.8
13 Feb 2025	10:00 PM	NW	1.8
13 Feb 2025	11:00 PM	NW	2.7
14 Feb 2025	12:00 AM	W	1.8
14 Feb 2025	1:00 AM	W	1.3
14 Feb 2025	2:00 AM	NW	1.8
14 Feb 2025	3:00 AM	W	1.8
14 Feb 2025	4:00 AM	W	1.3
14 Feb 2025	5:00 AM	W	0.9
14 Feb 2025	6:00 AM	WSW	0.9
14 Feb 2025	7:00 AM	ESE	0.4
14 Feb 2025	8:00 AM	W	0.4
14 Feb 2025	9:00 AM	NE	1.3
14 Feb 2025	10:00 AM	NW	0.4
14 Feb 2025	11:00 AM	WNW	0.4
14 Feb 2025	12:00 PM	W	0.4
14 Feb 2025	1:00 PM	W	1.8
14 Feb 2025	2:00 PM	NW	0.9
14 Feb 2025	3:00 PM	WNW	1.3
14 Feb 2025	4:00 PM	WNW	0.9
14 Feb 2025	5:00 PM	NW	1.3
14 Feb 2025	6:00 PM	W	1.3
14 Feb 2025	7:00 PM	NW	0.9
14 Feb 2025	8:00 PM	WNW	0.9
14 Feb 2025	9:00 PM	WNW	1.8
14 Feb 2025	10:00 PM	WNW	1.8
14 Feb 2025	11:00 PM	NE	2.0
15 Feb 2025	12:00 AM	NNE	2.0
15 Feb 2025	1:00 AM	NNE	2.0
15 Feb 2025	2:00 AM	NE	2.0
15 Feb 2025	3:00 AM	ENE	1.9
15 Feb 2025	4:00 AM	ESE	1.9
15 Feb 2025	5:00 AM	ESE	1.9

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
15 Feb 2025	6:00 AM	E	1.5
15 Feb 2025	7:00 AM	ENE	1.2
15 Feb 2025	8:00 AM	SSE	1.5
15 Feb 2025	9:00 AM	S	1.2
15 Feb 2025	10:00 AM	ESE	1.8
15 Feb 2025	11:00 AM	E	2.2
15 Feb 2025	12:00 PM	NNE	1.8
15 Feb 2025	1:00 PM	ENE	1.9
15 Feb 2025	2:00 PM	ENE	1.7
15 Feb 2025	3:00 PM	SSW	1.7
15 Feb 2025	4:00 PM	N	1.2
15 Feb 2025	5:00 PM	N	1.0
15 Feb 2025	6:00 PM	ENE	0.9
15 Feb 2025	7:00 PM	NE	0.6
15 Feb 2025	8:00 PM	WNW	0.7
15 Feb 2025	9:00 PM	WNW	0.9
15 Feb 2025	10:00 PM	W	0.7
15 Feb 2025	11:00 PM	W	1.1
16 Feb 2025	12:00 AM	W	0.9
16 Feb 2025	1:00 AM	WNW	0.9
16 Feb 2025	2:00 AM	W	1.0
16 Feb 2025	3:00 AM	WSW	0.9
16 Feb 2025	4:00 AM	WNW	0.7
16 Feb 2025	5:00 AM	WNW	0.5
16 Feb 2025	6:00 AM	W	0.5
16 Feb 2025	7:00 AM	W	0.7
16 Feb 2025	8:00 AM	WSW	1.3
16 Feb 2025	9:00 AM	W	1.4
16 Feb 2025	10:00 AM	W	1.4
16 Feb 2025	11:00 AM	W	1.8
16 Feb 2025	12:00 PM	W	1.6
16 Feb 2025	1:00 PM	W	1.3
16 Feb 2025	2:00 PM	SW	1.2
16 Feb 2025	3:00 PM	W	1.1
16 Feb 2025	4:00 PM	W	1.0
16 Feb 2025	5:00 PM	W	0.7
16 Feb 2025	6:00 PM	SW	0.5
16 Feb 2025	7:00 PM	E	0.8
16 Feb 2025	8:00 PM	W	0.6
16 Feb 2025	9:00 PM	W	0.8
16 Feb 2025	10:00 PM	N	0.6
16 Feb 2025	11:00 PM	ENE	0.6
17 Feb 2025	12:00 AM	N	0.6
17 Feb 2025	1:00 AM	N	0.9
17 Feb 2025	2:00 AM	ESE	1.1
17 Feb 2025	3:00 AM	NNE	1.3
17 Feb 2025	4:00 AM	NE	1.1
17 Feb 2025	5:00 AM	NNE	0.9
17 Feb 2025	6:00 AM	E	0.8
17 Feb 2025	7:00 AM	ENE	1.1
17 Feb 2025	8:00 AM	NNE	1.6
17 Feb 2025	9:00 AM	N	1.8
17 Feb 2025	10:00 AM	NE	1.9
17 Feb 2025	11:00 AM	NNE	1.8
17 Feb 2025	12:00 PM	NNE	1.8
17 Feb 2025	1:00 PM	NNE	1.7
17 Feb 2025	2:00 PM	NNE	1.8

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
17 Feb 2025	3:00 PM	ENE	1.6
17 Feb 2025	4:00 PM	ENE	1.5
17 Feb 2025	5:00 PM	ENE	1.3
17 Feb 2025	6:00 PM	E	1.0
17 Feb 2025	7:00 PM	N	0.6
17 Feb 2025	8:00 PM	ENE	0.5
17 Feb 2025	9:00 PM	ENE	0.9
17 Feb 2025	10:00 PM	ENE	1.0
17 Feb 2025	11:00 PM	ESE	1.1
18 Feb 2025	12:00 AM	NNE	0.9
18 Feb 2025	1:00 AM	NE	1.0
18 Feb 2025	2:00 AM	NE	1.0
18 Feb 2025	3:00 AM	SSE	1.0
18 Feb 2025	4:00 AM	NNE	1.0
18 Feb 2025	5:00 AM	ENE	1.3
18 Feb 2025	6:00 AM	NE	1.1
18 Feb 2025	7:00 AM	NE	1.2
18 Feb 2025	8:00 AM	E	1.6
18 Feb 2025	9:00 AM	ENE	2.8
18 Feb 2025	10:00 AM	ENE	2.7
18 Feb 2025	11:00 AM	ENE	2.9
18 Feb 2025	12:00 PM	ENE	2.8
18 Feb 2025	1:00 PM	NNE	2.7
18 Feb 2025	2:00 PM	ENE	2.6
18 Feb 2025	3:00 PM	NE	2.2
18 Feb 2025	4:00 PM	NE	2.2
18 Feb 2025	5:00 PM	ENE	1.8
18 Feb 2025	6:00 PM	ENE	1.4
18 Feb 2025	7:00 PM	N	1.2
18 Feb 2025	8:00 PM	NE	1.5
18 Feb 2025	9:00 PM	NNE	1.6
18 Feb 2025	10:00 PM	SSW	1.4
18 Feb 2025	11:00 PM	N	1.5
19 Feb 2025	12:00 AM	E	1.6
19 Feb 2025	1:00 AM	WSW	1.3
19 Feb 2025	2:00 AM	WNW	1.5
19 Feb 2025	3:00 AM	SW	1.7
19 Feb 2025	4:00 AM	SW	1.9
19 Feb 2025	5:00 AM	WSW	1.7
19 Feb 2025	6:00 AM	SW	2.0
19 Feb 2025	7:00 AM	SW	2.3
19 Feb 2025	8:00 AM	WSW	2.7
19 Feb 2025	9:00 AM	WSW	2.7
19 Feb 2025	10:00 AM	SW	3.2
19 Feb 2025	11:00 AM	WNW	3.1
19 Feb 2025	12:00 PM	SE	3.1
19 Feb 2025	1:00 PM	SE	3.1
19 Feb 2025	2:00 PM	ESE	3.2
19 Feb 2025	3:00 PM	ESE	3.1
19 Feb 2025	4:00 PM	W	2.8
19 Feb 2025	5:00 PM	SSW	2.5
19 Feb 2025	6:00 PM	SSW	1.9
19 Feb 2025	7:00 PM	SSW	1.9
19 Feb 2025	8:00 PM	SW	1.9
19 Feb 2025	9:00 PM	SSW	2.1
19 Feb 2025	10:00 PM	SW	2.0
19 Feb 2025	11:00 PM	SW	1.7

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
20 Feb 2025	12:00 AM	SW	1.8
20 Feb 2025	1:00 AM	WNW	1.9
20 Feb 2025	2:00 AM	WNW	2.1
20 Feb 2025	3:00 AM	E	1.9
20 Feb 2025	4:00 AM	ENE	1.8
20 Feb 2025	5:00 AM	WSW	2.0
20 Feb 2025	6:00 AM	WNW	1.8
20 Feb 2025	7:00 AM	SW	2.0
20 Feb 2025	8:00 AM	WSW	2.5
20 Feb 2025	9:00 AM	SW	2.6
20 Feb 2025	10:00 AM	WSW	2.8
20 Feb 2025	11:00 AM	WNW	2.6
20 Feb 2025	12:00 PM	N	2.7
20 Feb 2025	1:00 PM	SSW	2.8
20 Feb 2025	2:00 PM	S	2.7
20 Feb 2025	3:00 PM	SW	2.7
20 Feb 2025	4:00 PM	WSW	2.6
20 Feb 2025	5:00 PM	SW	2.3
20 Feb 2025	6:00 PM	WNW	2.2
20 Feb 2025	7:00 PM	WNW	2.0
20 Feb 2025	8:00 PM	WSW	1.8
20 Feb 2025	9:00 PM	SW	1.9
20 Feb 2025	10:00 PM	SW	1.9
20 Feb 2025	11:00 PM	WNW	2.2
21 Feb 2025	12:00 AM	WNW	2.2
21 Feb 2025	1:00 AM	WNW	2.0
21 Feb 2025	2:00 AM	WNW	2.2
21 Feb 2025	3:00 AM	WNW	2.3
21 Feb 2025	4:00 AM	W	2.1
21 Feb 2025	5:00 AM	WNW	2.0
21 Feb 2025	6:00 AM	WNW	1.7
21 Feb 2025	7:00 AM	W	2.1
21 Feb 2025	8:00 AM	W	2.3
21 Feb 2025	9:00 AM	W	2.3
21 Feb 2025	10:00 AM	SSW	2.2
21 Feb 2025	11:00 AM	W	2.5
21 Feb 2025	12:00 PM	W	2.5
21 Feb 2025	1:00 PM	W	1.9
21 Feb 2025	2:00 PM	WNW	2.1
21 Feb 2025	3:00 PM	W	1.9
21 Feb 2025	4:00 PM	W	1.9
21 Feb 2025	5:00 PM	WNW	2.0
21 Feb 2025	6:00 PM	WNW	2.0
21 Feb 2025	7:00 PM	SSW	1.7
21 Feb 2025	8:00 PM	SW	1.6
21 Feb 2025	9:00 PM	N	1.8
21 Feb 2025	10:00 PM	N	1.4
21 Feb 2025	11:00 PM	N	1.4
22 Feb 2025	12:00 AM	NNW	1.4
22 Feb 2025	1:00 AM	NNW	1.4
22 Feb 2025	2:00 AM	NW	1.4
22 Feb 2025	3:00 AM	W	1.5
22 Feb 2025	4:00 AM	W	1.4
22 Feb 2025	5:00 AM	SSW	1.4
22 Feb 2025	6:00 AM	W	1.5
22 Feb 2025	7:00 AM	ENE	1.7
22 Feb 2025	8:00 AM	NE	2.2

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
22 Feb 2025	9:00 AM	NE	2.1
22 Feb 2025	10:00 AM	NE	2.5
22 Feb 2025	11:00 AM	ENE	2.6
22 Feb 2025	12:00 PM	ENE	2.7
22 Feb 2025	1:00 PM	ENE	2.7
22 Feb 2025	2:00 PM	E	2.4
22 Feb 2025	3:00 PM	SE	2.4
22 Feb 2025	4:00 PM	SSE	2.0
22 Feb 2025	5:00 PM	SSE	1.6
22 Feb 2025	6:00 PM	WSW	1.5
22 Feb 2025	7:00 PM	S	1.3
22 Feb 2025	8:00 PM	SSW	1.4
22 Feb 2025	9:00 PM	W	1.4
22 Feb 2025	10:00 PM	SSE	1.3
22 Feb 2025	11:00 PM	SSE	1.3
23 Feb 2025	12:00 AM	ENE	1.2
23 Feb 2025	1:00 AM	N	1.3
23 Feb 2025	2:00 AM	NNE	1.5
23 Feb 2025	3:00 AM	NNE	1.6
23 Feb 2025	4:00 AM	ESE	1.5
23 Feb 2025	5:00 AM	ESE	1.3
23 Feb 2025	6:00 AM	ESE	1.4
23 Feb 2025	7:00 AM	ENE	1.5
23 Feb 2025	8:00 AM	E	1.8
23 Feb 2025	9:00 AM	NNE	1.9
23 Feb 2025	10:00 AM	SSE	1.9
23 Feb 2025	11:00 AM	NNE	2.0
23 Feb 2025	12:00 PM	NE	2.0
23 Feb 2025	1:00 PM	ENE	2.0
23 Feb 2025	2:00 PM	ENE	1.6
23 Feb 2025	3:00 PM	N	1.7
23 Feb 2025	4:00 PM	ENE	1.2
23 Feb 2025	5:00 PM	ENE	1.0
23 Feb 2025	6:00 PM	NE	0.7
23 Feb 2025	7:00 PM	NNE	0.7
23 Feb 2025	8:00 PM	ENE	0.9
23 Feb 2025	9:00 PM	NE	0.8
23 Feb 2025	10:00 PM	ENE	0.6
23 Feb 2025	11:00 PM	E	0.6
24 Feb 2025	12:00 AM	NE	0.7
24 Feb 2025	1:00 AM	NNE	0.6
24 Feb 2025	2:00 AM	NE	0.6
24 Feb 2025	3:00 AM	NNE	0.5
24 Feb 2025	4:00 AM	NNE	0.5
24 Feb 2025	5:00 AM	NNE	0.6
24 Feb 2025	6:00 AM	NNE	0.5
24 Feb 2025	7:00 AM	NNE	0.5
24 Feb 2025	8:00 AM	NNE	1.2
24 Feb 2025	9:00 AM	NNE	1.5
24 Feb 2025	10:00 AM	NNE	2.2
24 Feb 2025	11:00 AM	NE	2.0
24 Feb 2025	12:00 PM	NNE	2.2
24 Feb 2025	1:00 PM	NE	2.0
24 Feb 2025	2:00 PM	NE	1.8
24 Feb 2025	3:00 PM	NE	1.8
24 Feb 2025	4:00 PM	NE	1.7
24 Feb 2025	5:00 PM	NE	1.4

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
24 Feb 2025	6:00 PM	ENE	1.3
24 Feb 2025	7:00 PM	ENE	1.5
24 Feb 2025	8:00 PM	ENE	1.4
24 Feb 2025	9:00 PM	SE	1.4
24 Feb 2025	10:00 PM	NE	1.6
24 Feb 2025	11:00 PM	ENE	1.4
25 Feb 2025	12:00 AM	SSE	1.5
25 Feb 2025	1:00 AM	SSE	1.4
25 Feb 2025	2:00 AM	ENE	1.4
25 Feb 2025	3:00 AM	ENE	1.3
25 Feb 2025	4:00 AM	ESE	1.2
25 Feb 2025	5:00 AM	SSE	1.5
25 Feb 2025	6:00 AM	ESE	1.4
25 Feb 2025	7:00 AM	ESE	1.4
25 Feb 2025	8:00 AM	S	1.8
25 Feb 2025	9:00 AM	S	1.7
25 Feb 2025	10:00 AM	W	1.8
25 Feb 2025	11:00 AM	WSW	2.0
25 Feb 2025	12:00 PM	N	1.6
25 Feb 2025	1:00 PM	ENE	1.6
25 Feb 2025	2:00 PM	NE	1.5
25 Feb 2025	3:00 PM	N	1.6
25 Feb 2025	4:00 PM	N	1.6
25 Feb 2025	5:00 PM	N	1.7
25 Feb 2025	6:00 PM	N	2.0
25 Feb 2025	7:00 PM	ENE	2.3
25 Feb 2025	8:00 PM	SE	2.7
25 Feb 2025	9:00 PM	ENE	2.6
25 Feb 2025	10:00 PM	N	2.7
25 Feb 2025	11:00 PM	ENE	2.7
26 Feb 2025	12:00 AM	NE	2.6
26 Feb 2025	1:00 AM	N	2.6
26 Feb 2025	2:00 AM	NNE	2.3
26 Feb 2025	3:00 AM	NE	2.0
26 Feb 2025	4:00 AM	NE	1.7
26 Feb 2025	5:00 AM	NE	1.8
26 Feb 2025	6:00 AM	ENE	1.4
26 Feb 2025	7:00 AM	ESE	1.0
26 Feb 2025	8:00 AM	ESE	0.8
26 Feb 2025	9:00 AM	NE	0.8
26 Feb 2025	10:00 AM	WNW	1.0
26 Feb 2025	11:00 AM	WSW	0.8
26 Feb 2025	12:00 PM	WNW	0.8
26 Feb 2025	1:00 PM	WNW	0.8
26 Feb 2025	2:00 PM	W	0.8
26 Feb 2025	3:00 PM	N	1.2
26 Feb 2025	4:00 PM	NNE	1.3
26 Feb 2025	5:00 PM	NNE	1.2
26 Feb 2025	6:00 PM	SSW	1.3
26 Feb 2025	7:00 PM	W	1.6
26 Feb 2025	8:00 PM	WNW	1.8
26 Feb 2025	9:00 PM	WSW	2.1
26 Feb 2025	10:00 PM	WSW	1.8
26 Feb 2025	11:00 PM	WSW	1.6
27 Feb 2025	12:00 AM	SW	1.6
27 Feb 2025	1:00 AM	WSW	1.5
27 Feb 2025	2:00 AM	W	1.4

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
27 Feb 2025	3:00 AM	W	1.4
27 Feb 2025	4:00 AM	WNW	1.0
27 Feb 2025	5:00 AM	WNW	0.5
27 Feb 2025	6:00 AM	W	0.5
27 Feb 2025	7:00 AM	WNW	0.9
27 Feb 2025	8:00 AM	SW	1.1
27 Feb 2025	9:00 AM	SSW	1.1
27 Feb 2025	10:00 AM	WSW	1.0
27 Feb 2025	11:00 AM	S	1.1
27 Feb 2025	12:00 PM	SW	1.0
27 Feb 2025	1:00 PM	SSW	1.2
27 Feb 2025	2:00 PM	W	1.2
27 Feb 2025	3:00 PM	SW	1.2
27 Feb 2025	4:00 PM	WNW	1.2
27 Feb 2025	5:00 PM	WNW	1.6
27 Feb 2025	6:00 PM	WNW	2.0
27 Feb 2025	7:00 PM	W	2.6
27 Feb 2025	8:00 PM	N	2.7
27 Feb 2025	9:00 PM	NNE	2.9
27 Feb 2025	10:00 PM	N	2.9
27 Feb 2025	11:00 PM	N	3.0
28 Feb 2025	12:00 AM	NW	2.9
28 Feb 2025	1:00 AM	NE	2.9
28 Feb 2025	2:00 AM	NE	2.5
28 Feb 2025	3:00 AM	NNE	2.0
28 Feb 2025	4:00 AM	WNW	1.7
28 Feb 2025	5:00 AM	WNW	1.5
28 Feb 2025	6:00 AM	NE	1.5
28 Feb 2025	7:00 AM	WSW	1.3
28 Feb 2025	8:00 AM	SW	1.1
28 Feb 2025	9:00 AM	W	1.0
28 Feb 2025	10:00 AM	WNW	0.7
28 Feb 2025	11:00 AM	NE	0.8
28 Feb 2025	12:00 PM	NE	1.1
28 Feb 2025	1:00 PM	NE	1.2
28 Feb 2025	2:00 PM	NE	0.9

February 2025			
Wind Speed and Directions			
Date	**Time**	**Direction**	**Wind Speed m-s**
28 Feb 2025	3:00 PM	NNE	0.9
28 Feb 2025	4:00 PM	NE	0.6
28 Feb 2025	5:00 PM	ENE	0.7
28 Feb 2025	6:00 PM	WSW	1.1
28 Feb 2025	7:00 PM	SSW	2.0
28 Feb 2025	8:00 PM	NE	2.0
28 Feb 2025	9:00 PM	SSW	2.0
28 Feb 2025	10:00 PM	SSW	1.9
28 Feb 2025	11:00 PM	ENE	2.0

APPENDIX F
24-HOUR TSP MONITORING RESULTS AND GRAPHICAL PRESENTATIONS

Appendix F - 24-hour TSP Impact Monitoring Results

Location CKL1 - Flat 121 Cha Kwo Ling Village

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m^3/min.)		Av. Flow (m^3/min)	Total vol. (m^3)	Conc. ($\mu g/m^3$)	Action Level (µg/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Feb-25	Sunny	288.3	766.7	2.6864	2.7755	0.0892	14758.9	14782.9	24.0	1.22	1.23	1.22	1762.3	50.6	191.0	260.0
8-Feb-25	Sunny	287.3	769.2	2.6598	2.7744	0.1146	14806.9	14830.9	24.0	1.23	1.23	1.23	1767.2	64.9		
14-Feb-25	Fine	290.7	763.6	3.3809	3.5060	0.1251	14830.9	14854.9	24.0	1.22	1.22	1.22	1753.5	71.3		
20-Feb-25	Sunny	290.4	767.4	2.6971	2.8696	0.1725	14854.9	14878.9	24.0	1.22	1.22	1.22	1757.6	98.1		
26-Feb-25	Sunny	291.3	766.7	2.6842	2.9237	0.2395	14878.9	14902.9	24.0	1.22	1.22	1.22	1754.9	136.4		
													Min	50.6		
													Max	136.4		
													Average	84.3		

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Location CKL2 - Flat 103 Cha Kwo Ling Village

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m^3/min.)		Av. Flow (m^3/min)	Total vol. (m^3)	Conc. ($\mu g/m^3$)	Action Level (µg/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Feb-25	Sunny	288.3	766.7	2.8429	2.9475	0.1045	21362.0	21386.0	24.0	1.22	1.23	1.22	1763.8	59.3	183.0	260.0
8-Feb-25	Sunny	287.3	769.2	2.6750	2.8246	0.1496	21410.0	21434.0	24.0	1.23	1.23	1.23	1768.3	84.6		
14-Feb-25	Fine	290.7	763.6	2.6678	2.6968	0.0291	21434.0	21458.0	24.0	1.22	1.22	1.22	1755.5	16.5		
20-Feb-25	Sunny	290.4	767.4	2.6451	2.8348	0.1897	21458.0	21482.0	24.0	1.22	1.22	1.22	1759.4	107.8		
26-Feb-25	Sunny	291.3	766.7	2.6961	2.9077	0.2116	21482.0	21506.0	24.0	1.22	1.22	1.22	1757.6	120.4		
													Min	16.5		
													Max	120.4		
													Average	77.7		

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Location KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m^3/min.)		Av. Flow (m^3/min)	Total vol. (m^3)	Conc. ($\mu g/m^3$)	Action Level (µg/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Feb-25	Sunny	288.3	766.7	2.6891	2.7292	0.0401	20188.5	20212.5	24.0	1.21	1.22	1.22	1751.1	22.9	177.0	260.0
8-Feb-25	Sunny	287.3	769.2	2.6518	2.7212	0.0694	20212.5	20236.5	24.0	1.22	1.22	1.22	1756.0	39.5		
14-Feb-25	Fine	290.7	763.6	3.4011	3.4499	0.0488	20236.5	20260.5	24.0	1.21	1.21	1.21	1742.2	28.0		
20-Feb-25	Fine	290.4	767.4	2.6863	2.7371	0.0507	20260.5	20284.5	24.0	1.21	1.21	1.21	1746.4	29.0		
26-Feb-25	Sunny	291.3	766.7	2.9564	3.0399	0.0835	20284.5	20308.5	24.0	1.21	1.21	1.21	1743.7	47.9		
													Min	22.9		
													Max	47.9		
													Average	33.5		

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

Location KER1 - Future Residential Development at Kerry Godown

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m^3/min.)		Av. Flow (m^3/min)	Total vol. (m^3)	Conc. ($\mu g/m^3$)	Action Level (µg/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Feb-25	Sunny	288.3	766.7	2.7038	2.7401	0.0363	18020.6	18044.6	24.0	1.22	1.22	1.22	1752.9	20.7	172.0	260.0
8-Feb-25	Sunny	287.3	769.2	2.6847	2.7646	0.0799	18044.6	18068.6	24.0	1.22	1.22	1.22	1758.3	45.4		
14-Feb-25	Fine	290.7	763.6	3.4116	3.5176	0.1060	18068.6	18092.6	24.0	1.21	1.21	1.21	1743.0	60.8		
20-Feb-25	Fine	290.4	767.4	2.7150	2.8148	0.0998	18092.6	18116.6	24.0	1.21	1.21	1.21	1747.6	57.1		
26-Feb-25	Sunny	291.3	766.7	2.6690	2.7737	0.1047	18116.6	18140.6	24.0	1.21	1.21	1.21	1744.6	60.0		
													Min	20.7		
													Max	60.8		
													Average	48.8		

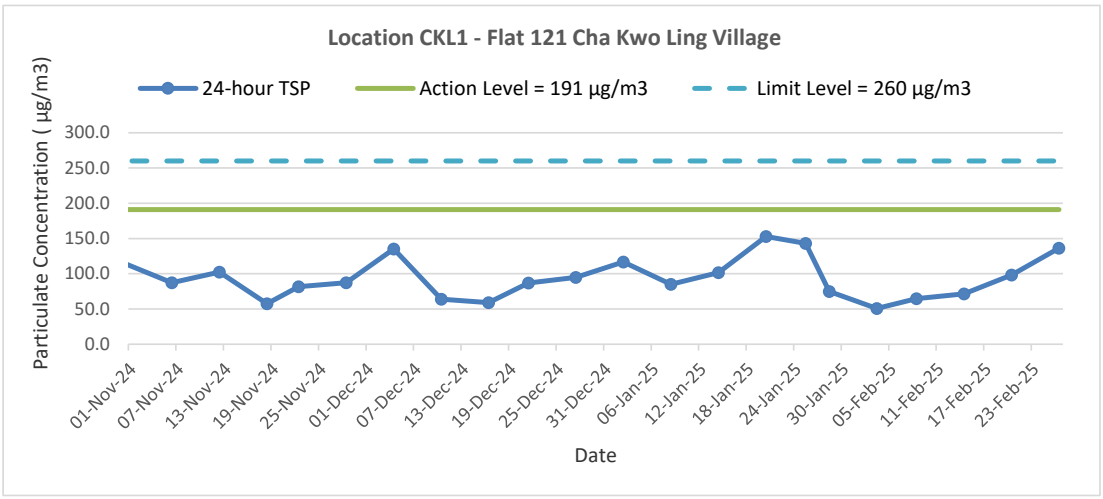
Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

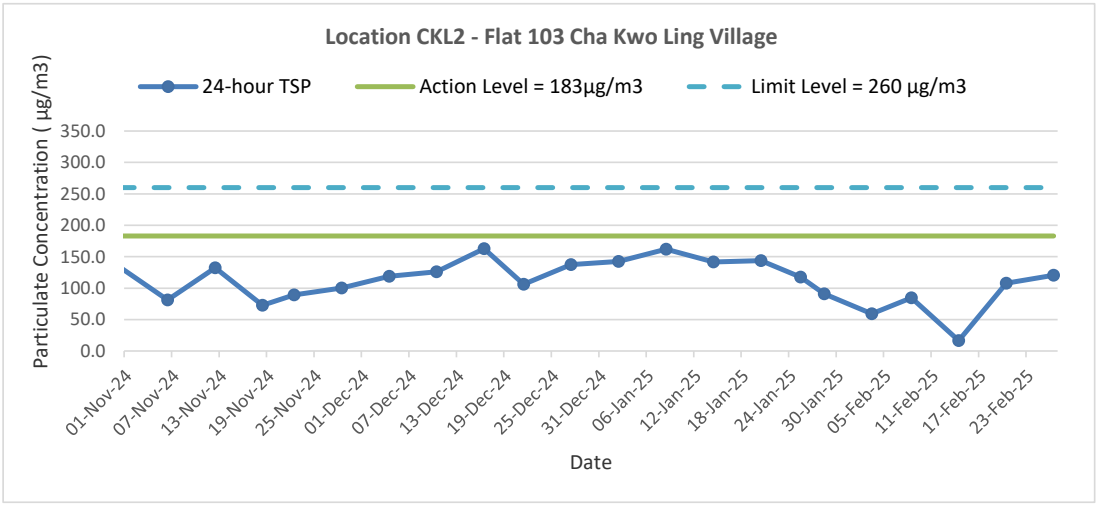
Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m^3/min.)		Av. Flow (m^3/min)	Total vol. (m^3)	Conc. ($\mu g/m^3$)	Action Level (µg/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
3-Feb-25	Sunny	288.3	766.7	2.8277	2.8750	0.0474	18770.2	18794.2	24.0	1.21	1.22	1.21	1749.4	27.1	157.0	260.0
8-Feb-25	Sunny	287.3	769.2	2.6776	2.8400	0.1624	18794.2	18818.2	24.0	1.22	1.22	1.22	1753.7	92.6		
14-Feb-25	Fine	290.7	763.6	3.4131	3.5123	0.0992	18818.2	18842.2	24.0	1.21	1.21	1.21	1741.5	57.0		
20-Feb-25	Fine	290.4	767.4	2.6648	2.8102	0.1454	18842.3	18866.3	24.0	1.21	1.21	1.21	1745.2	83.3		
26-Feb-25	Sunny	291.3	766.7	2.6570	2.7122	0.0552	18866.3	18890.3	24.0	1.21	1.21	1.21	1742.8	31.7		
													Min	27.1		
													Max	92.6		
													Average	58.3		

Note: ***Bold Italic*** means Action Level exceedance
Bold Italic with underline means Limit Level exceedance

24-hr TSP Concentration Levels

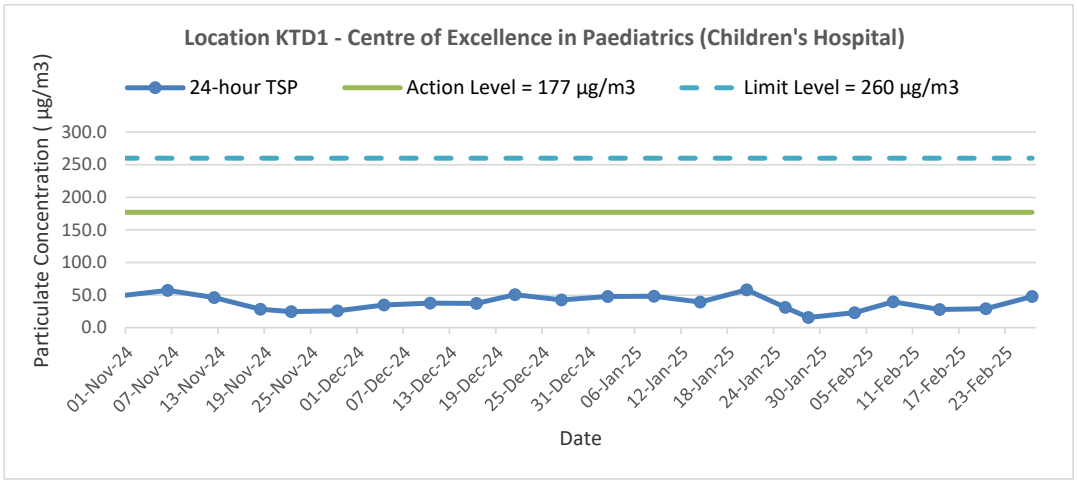


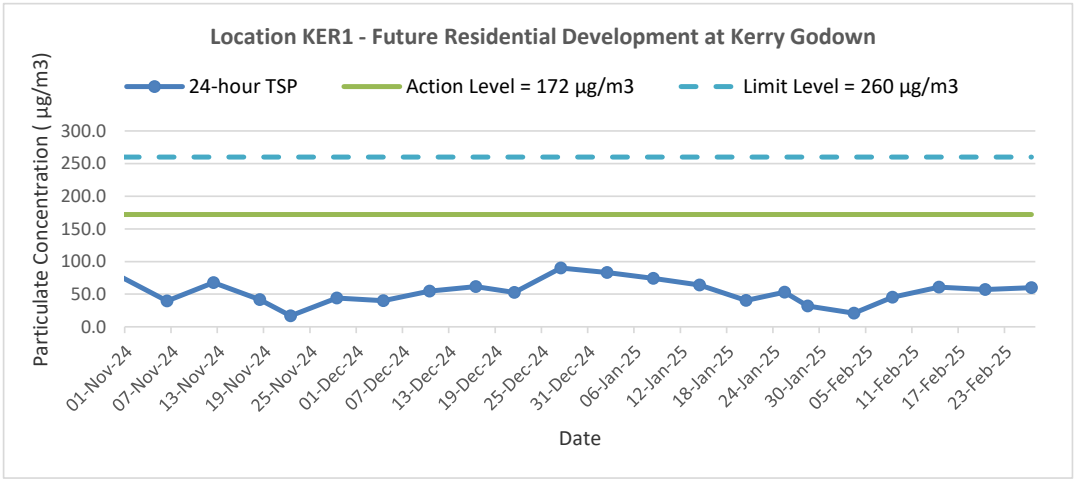


Title		Date	Project No.
	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Feb -25	MA20003
	Graphical Presentation of 24-hour TSP Monitoring Results		Appendix F

CINOTECH

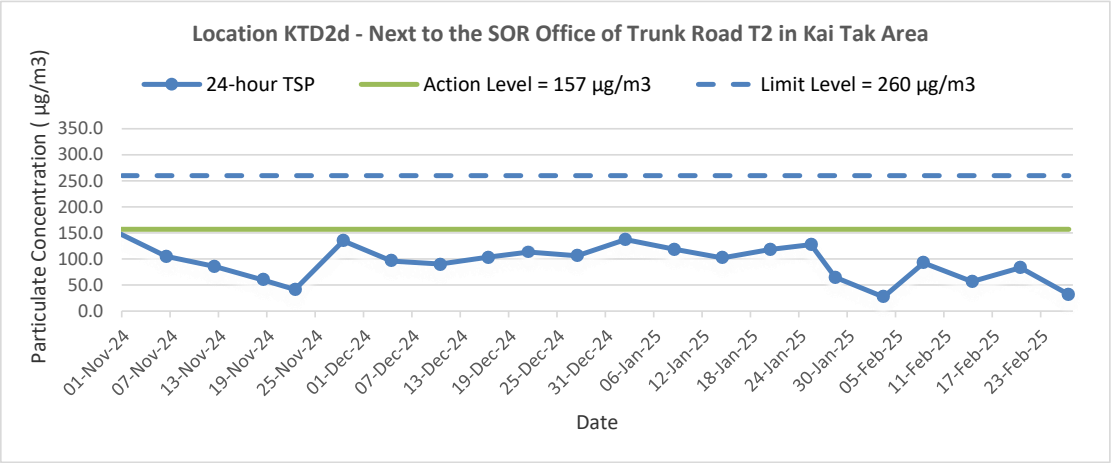
24-hr TSP Concentration Levels





Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date: Feb -25	Project No.: MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results		Appendix: F	

24-hr TSP Concentration Levels



Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date: Feb -25	Project No.: MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results		Appendix: F	

APPENDIX G
COPIES OF CALIBRATION CERTIFICATES FOR NOISE 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. : 00736 Issue Date : 28 Jun 2024
Application No. : HP00592

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 Sound Level Calibrator.

Equipment No.: : N-16-01

Manufacturer: : Hangzhou Aihua Instruments Co., Ltd.

Other information :

Model No.	AWA6021A
Serial No.	1023253

Date Received : 27 Jun 2024

Test Period : 28 Jun 2024 to 28 Jun 2024

Test Requested : Performance checking for Sound Level Calibrator

Test Method : The Sound Level Meter and Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.

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 result(s) relate only to the items tested or calibrated.

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Lee Wai Kit
Laboratory Manager

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. : 00736 Issue Date : 28 Jun 2024
Application No. : HP00592

Certificate of Calibration

Measuring equipment :

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01

Description	Sound Meter
Manufacturer	BSWA Technology
Model No.	BSWA 308
Serial No.	570183
Microphone No.	570605
Equipment No.	N-12-01

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.1	+ 0.1	± 0.3
114.0	114.1	+ 0.1	± 0.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.
2. The indication value was obtained from the average of ten replicated measurement.

- 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. : 01015 Issue Date : 04 Feb 2025
Application No. : HP00868

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 Sound Level Calibrator.

Equipment No.: : N-16-02

Manufacturer: : Hangzhou Aihua Instruments Co., Ltd.

Other information :

Model No.	AWA6021A
Serial No.	1023064

Date Received : 28 Jan 2025

Test Period : 03 Feb 2025 to 04 Feb 2025

Test Requested : Performance checking for Sound Level Calibrator

Test Method : The Sound Level Meter and Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.

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 result(s) relate only to the items tested or calibrated.

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Lee Wai Kit
Laboratory Manager

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. : 01015 Issue Date : 04 Feb 2025
Application No. : HP00868

Certificate of Calibration

Measuring equipment :

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01

Description	Sound Meter
Manufacturer	SVANTEK
Model No.	SVAN 977
Serial No.	92677
Microphone No.	10352
Equipment No.	N-14-01

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.2	+ 0.2	± 0.3
114.0	114.3	+ 0.3	± 0.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.
2. The indication value was obtained from the average of ten replicated measurement.

- 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. : 00870 Issue Date : 14 Oct 2024
Application No. : HP00731

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 Integrating Sound Level Meter.

Equipment No.: : N-08-12

Manufacturer: : SVANTEK

Other information :

Model No.	SVAN 957
Serial No.	23851
Microphone No.	22391

Date Received : 07 Oct 2024

Test Period : 09 Oct 2024 to 09 Oct 2024

Test Requested : Performance checking for Sound Level Meter

Test Method : The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.

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 result(s) relate only to the items tested or calibrated.

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Lee Wai Kit
Laboratory Manager

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. : 00870 Issue Date : 14 Oct 2024
Application No. : HP00731

Certificate of Calibration

Measuring equipment :

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.0	± 0.0	± 1.5
114.0	114.2	+ 0.2	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.
2. The indication value was obtained from the average of ten replicated measurement.

- 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. : 00871 Issue Date : 14 Oct 2024
Application No. : HP00732

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 Integrating Sound Level Meter.

Equipment No.: : N-12-02

Manufacturer: : BSWA Technology

Other information :

Model No.	BSWA 308
Serial No.	570187
Microphone No.	590079

Date Received : 07 Oct 2024

Test Period : 09 Oct 2024 to 09 Oct 2024

Test Requested : Performance checking for Sound Level Meter

Test Method : The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.

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 result(s) relate only to the items tested or calibrated.

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Lee Wai Kit
Laboratory Manager

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. : 00871 Issue Date : 14 Oct 2024
Application No. : HP00732

Certificate of Calibration

Measuring equipment :

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	93.9	- 0.1	± 1.5
114.0	113.7	- 0.3	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.
2. The indication value was obtained from the average of ten replicated measurement.

- 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. : 00735 Issue Date : 28 Jun 2024
Application No. : HP00589

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 Integrating Sound Level Meter.

Equipment No.: : N-12-04

Manufacturer: : BSWA Technology

Other information :

Model No.	BSWA 308
Serial No.	580238
Microphone No.	570605

Date Received : 25 Jun 2024

Test Period : 26 Jun 2024 to 26 Jun 2024

Test Requested : Performance checking for Sound Level Meter

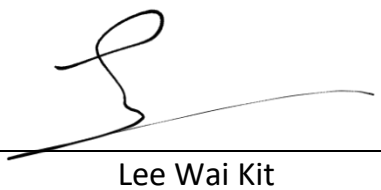
Test Method : The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.

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 result(s) relate only to the items tested or calibrated.

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED



Lee Wai Kit
Laboratory Manager

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. : 00735 Issue Date : 28 Jun 2024
Application No. : HP00589

Certificate of Calibration

Measuring equipment :

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.0	± 0.0	± 1.5
114.0	113.8	- 0.2	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.
2. The indication value was obtained from the average of ten replicated measurement.

- 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. : 00618 Issue Date : 18 Mar 2024
Application No. : HP00473

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 Integrating Sound Level Meter.

Equipment No.: : N-12-06

Manufacturer: : BSWA Technology

Other information :

Model No.	BSWA 308
Serial No.	580156
Microphone No.	580804

Date Received : 06 Mar 2024

Test Period : 14 Mar 2024 to 14 Mar 2024

Test Requested : Performance checking for Sound Level Meter

Test Method : The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.

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 result(s) relate only to the items tested or calibrated.

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Lee Wai Kit
Laboratory Manager

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. : 00618 Issue Date : 18 Mar 2024
Application No. : HP00473

Certificate of Calibration

Measuring equipment :

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.0	± 0.0	± 1.5
114.0	114.1	+ 0.1	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.
2. The indication value was obtained from the average of ten replicated measurement.

- End of report -

APPENDIX H
NOISE MONITORING RESULTS AND GRAPHICAL PRESENTATIONS

Appendix H - Noise Monitoring Results

(0700-1900 hrs on Normal Weekdays)

Location CKL1 - Flat 121 Cha Kwo Ling Village							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L_{eq}	L_{10}	L_{90}	L_{eq}	L_{eq}
4-Feb-25	12:20	Sunny	74.4	78.3	61.6	72.4	70
10-Feb-25	16:40	Sunny	74.3	77.8	65.0	72.4	70
21-Feb-25	10:04	Cloudy	76.0	79.7	64.5	72.4	74
27-Feb-25	10:56	Sunny	75.0	78.9	62.5	72.4	72

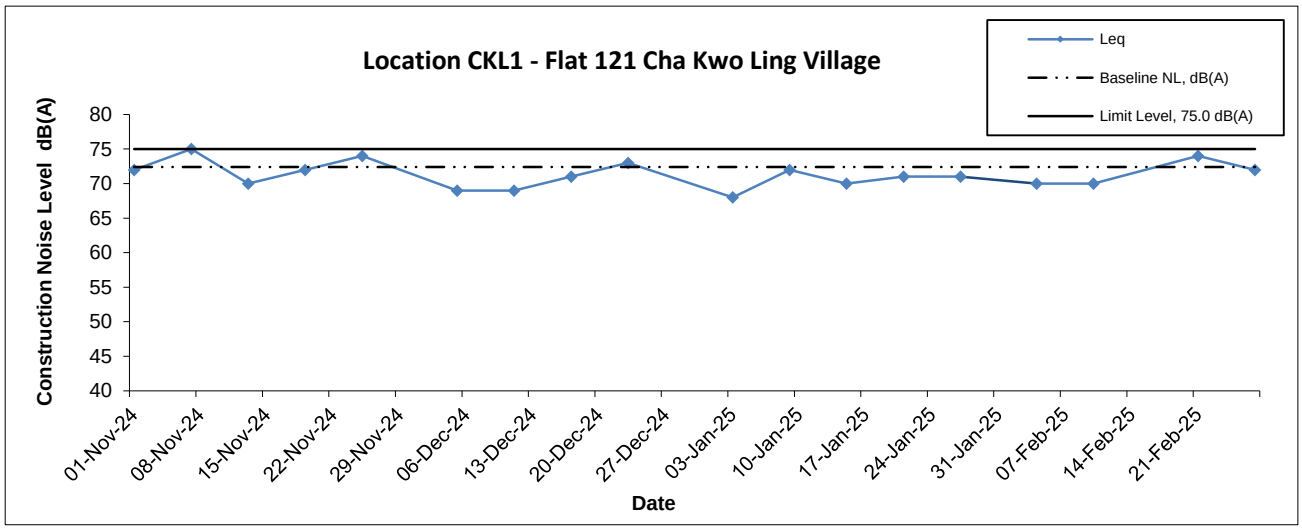
Location CKL2 - Flat 103 Cha Kwo Ling Village							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L_{eq}	L_{10}	L_{90}	L_{eq}	L_{eq}
4-Feb-25	12:53	Sunny	75.6	79.5	63.1	71.4	74
10-Feb-25	17:44	Sunny	75.6	79.0	66.6	71.4	74
21-Feb-25	10:36	Cloudy	75.9	79.7	63.2	71.4	74
27-Feb-25	11:26	Sunny	75.3	79.1	60.6	71.4	73

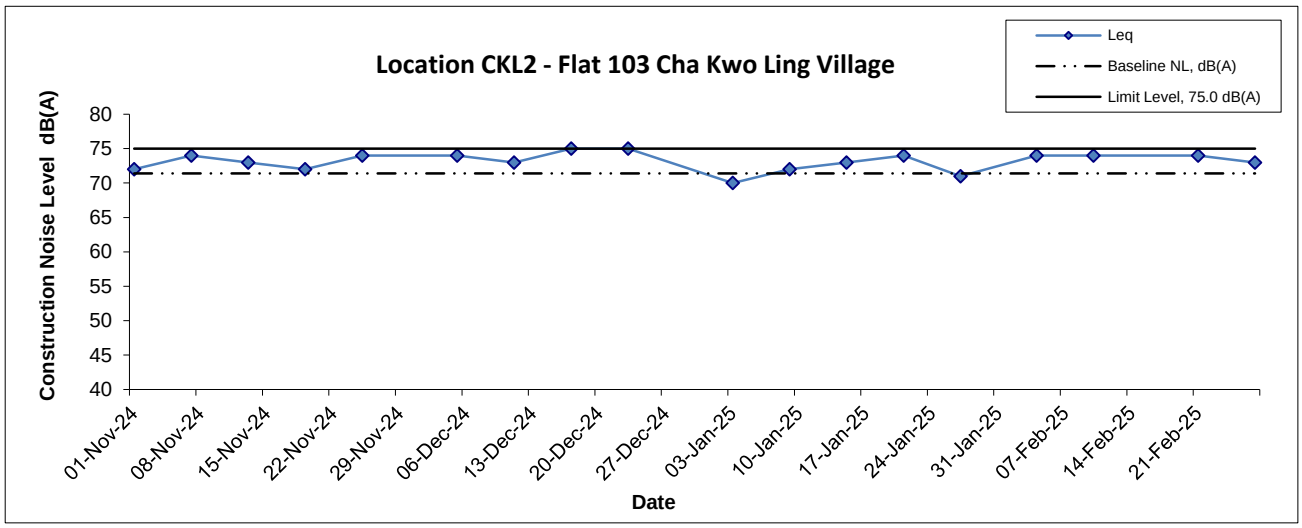
Location KTD1 - Centre of Excellence in Paediatrics (Rooftop of Children's Hospital)							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L_{eq}	L_{10}	L_{90}	L_{eq}	L_{eq}
4-Feb-25	15:33	Sunny	65.9	67.0	64.8	78.0	65.9 Measured ≦ Baseline
10-Feb-25	14:10	Sunny	67.0	68.2	65.9	78.0	67 Measured ≦ Baseline
21-Feb-25	13:30	Fine	68.7	71.0	65.2	78.0	68.7 Measured ≦ Baseline
27-Feb-25	14:15	Sunny	71.3	72.6	69.7	78.0	71.3 Measured ≦ Baseline

Location KER1 - Future Residential Development at Kerry Godown							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L_{eq}	L_{10}	L_{90}	L_{eq}	L_{eq}
4-Feb-25	14:34	Sunny	71.5	73.8	67.1	65.0	70
10-Feb-25	14:57	Sunny	73.8	76.1	69.8	65.0	73
21-Feb-25	14:30	Fine	72.7	75.7	58.0	65.0	72
27-Feb-25	13:29	Sunny	73.3	75.8	69.4	65.0	73

Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L_{eq}	L_{10}	L_{90}	L_{eq}	L_{eq}
4-Feb-25	16:29	Sunny	60.8	63.1	55.2	64.0	61 Measured ≦ Baseline
10-Feb-25	13:13	Sunny	58.8	61.0	55.3	64.0	59 Measured ≦ Baseline
21-Feb-25	16:00	Fine	62.8	64.5	52.7	64.0	63 Measured ≦ Baseline
27-Feb-25	15:07	Sunny	64.3	68.1	53.2	64.0	53

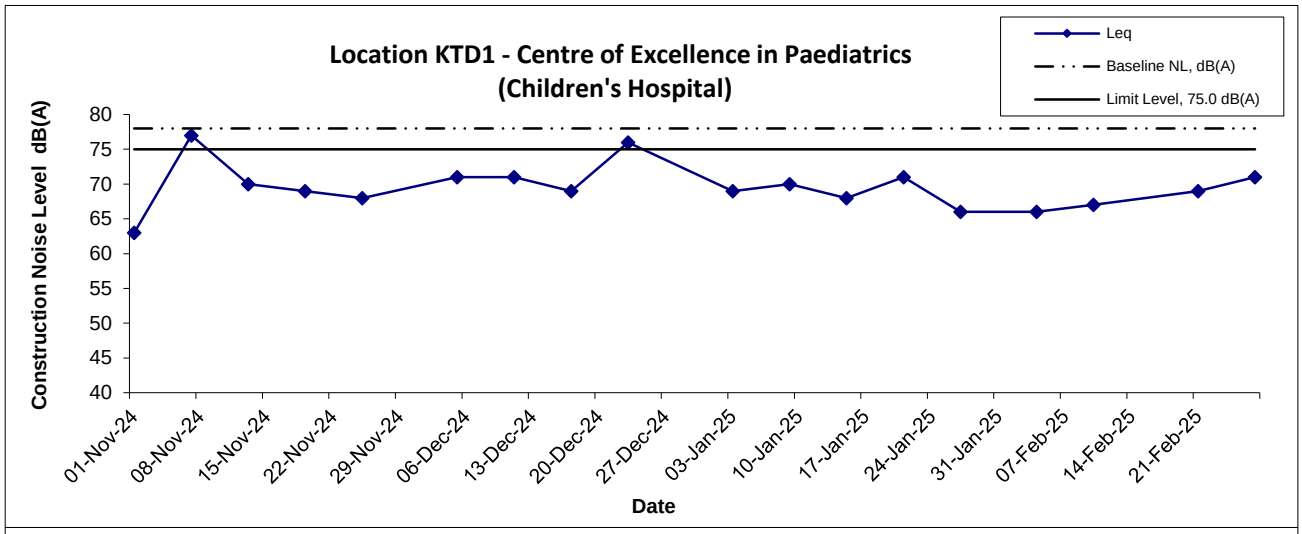
Noise Levels

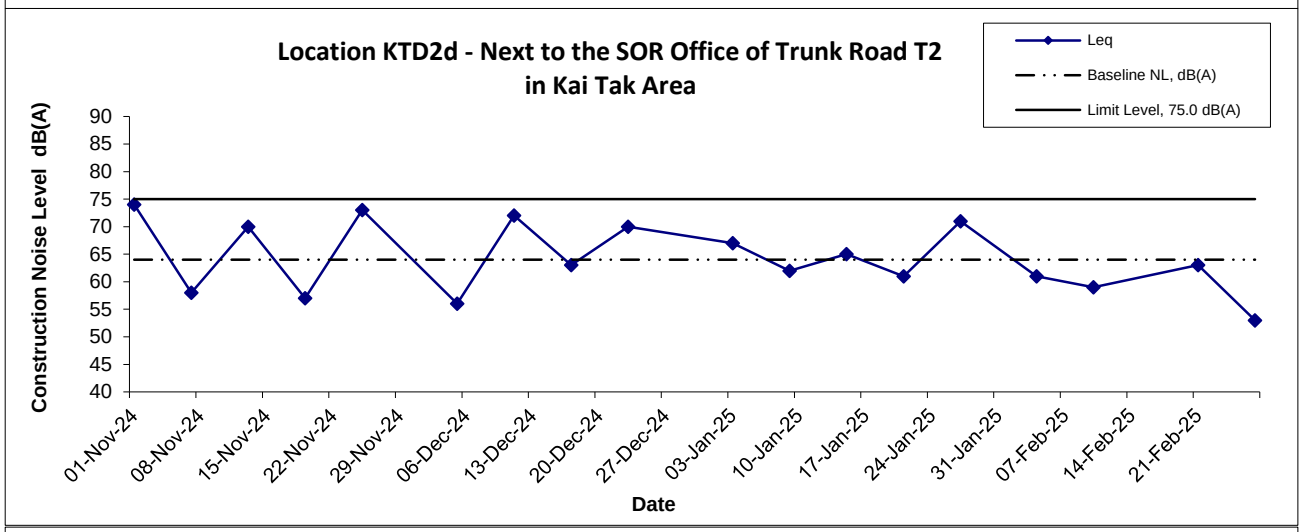


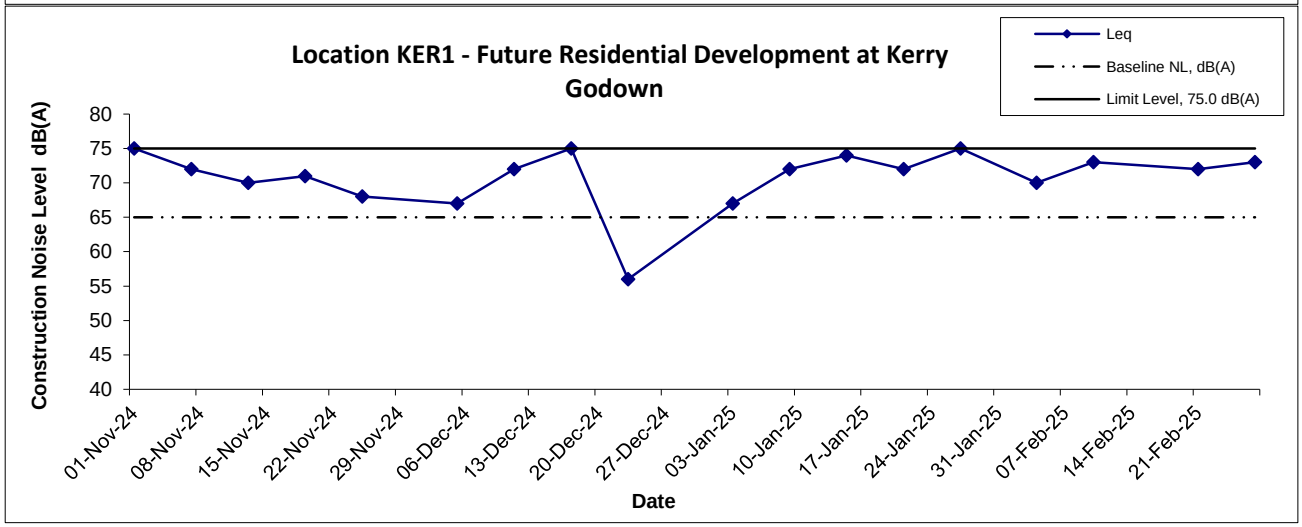


Title	Date	Project
Kai Tak Development – Trunk Road T2 and Infrastructure Works at the Former South Apron Graphical Presentation of Construction Noise Monitoring Results	Feb 25	No. MA20003 Appendix H

Noise Levels







Title	Date	Project
Kai Tak Development – Trunk Road T2 and Infrastructure Works at the Former South Apron Graphical Presentation of Construction Noise Monitoring Results	Feb 25	No. MA20003 Appendix H

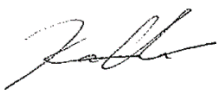
APPENDIX I
SITE AUDIT SUMMARY

Weekly Site Inspection Record Summary
Inspection Information

Checklist Reference Number	250206
Date	06 February2025 (Thursday)
Time	09:30 – 16:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality • No environmental deficiency was identified during site inspection. ***C. Air Quality*** • No environmental deficiency was identified during site inspection. ***D. Construction Noise Impact*** • No environmental deficiency was identified during site inspection. ***E. Waste/Chemical Management*** • No environmental deficiency was identified during site inspection. ***F. Visual and Landscape*** • No environmental deficiency was identified during site inspection. ***G. Permits/Licences*** • No environmental deficiency was identified during site inspection. ***H. Marine Ecology*** • No environmental deficiency was identified during site inspection. ***I. Others*** • No environmental deficiency was identified in previous session (Ref No.: 250128).	

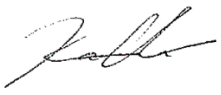
	Name	Signature	Date
Recorded by	William Yeung		06 February2025
Checked by	Karina Chan		07 February2025

Weekly Site Inspection Record Summary
Inspection Information

Checklist Reference Number	250213
Date	13 February2025 (Thursday)
Time	09:30 – 16:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality • No environmental deficiency was identified during site inspection. ***C. Air Quality*** • No environmental deficiency was identified during site inspection. ***D. Construction Noise Impact*** • No environmental deficiency was identified during site inspection. ***E. Waste/Chemical Management*** • No environmental deficiency was identified during site inspection. ***F. Visual and Landscape*** • No environmental deficiency was identified during site inspection. ***G. Permits/Licences*** • No environmental deficiency was identified during site inspection. ***H. Marine Ecology*** • No environmental deficiency was identified during site inspection. ***I. Others*** • No environmental deficiency was identified in previous session (Ref No.: 250206).	

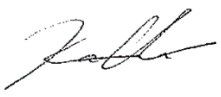
	Name	Signature	Date
Recorded by	William Yeung		13 February2025
Checked by	Karina Chan		14 February2025

Weekly Site Inspection Record Summary
Inspection Information

Checklist Reference Number	250220
Date	20 February2025 (Thursday)
Time	09:30 – 16:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality • No environmental deficiency was identified during site inspection. ***C. Air Quality*** • No environmental deficiency was identified during site inspection. ***D. Construction Noise Impact*** • No environmental deficiency was identified during site inspection. ***E. Waste/Chemical Management*** • No environmental deficiency was identified during site inspection. ***F. Visual and Landscape*** • No environmental deficiency was identified during site inspection. ***G. Permits/Licences*** • No environmental deficiency was identified during site inspection. ***H. Marine Ecology*** • No environmental deficiency was identified during site inspection. ***I. Others*** • No environmental deficiency was identified in previous session (Ref No.: 250213).	

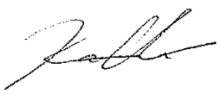
	Name	Signature	Date
Recorded by	William Yeung		20 February2025
Checked by	Karina Chan		24 February2025

Weekly Site Inspection Record Summary
Inspection Information

Checklist Reference Number	250227
Date	27 February2025 (Thursday)
Time	09:30 – 16:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
250227-451-R1	***B. Water Quality*** • Stagnant water was observed. ***C. Air Quality*** • No environmental deficiency was identified during site inspection. ***D. Construction Noise Impact*** • No environmental deficiency was identified during site inspection. ***E. Waste/Chemical Management*** • No environmental deficiency was identified during site inspection. ***F. Visual and Landscape*** • No environmental deficiency was identified during site inspection. ***G. Permits/Licences*** • No environmental deficiency was identified during site inspection. ***H. Marine Ecology*** • No environmental deficiency was identified during site inspection. ***I. Others*** • No environmental deficiency was identified in previous session (Ref No.: 250220).	*B09*

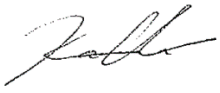
	Name	Signature	Date
Recorded by	William Yeung		27 February 2025
Checked by	Karina Chan		03 March 2025

Site Inspection Record Summary
Inspection Information

Checklist Reference Number	250206
Date	06 February 2025 (Thursday)
Time	09:30 – 12:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality • No environmental deficiency was identified during site inspection. ***C. Air Quality*** • No environmental deficiency was identified during site inspection. ***D. Construction Noise Impact*** • No environmental deficiency was identified during site inspection. ***E. Waste/Chemical Management*** • No environmental deficiency was identified during site inspection. ***F. Visual and Landscape*** • No environmental deficiency was identified during site inspection. ***G. Permits/Licences*** • No environmental deficiency was identified during site inspection ***I. Others*** • Follow up on the previous session (Ref No.:250128), no major environmental deficiency was identified during site inspection.	

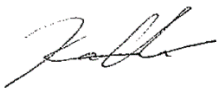
	Name	Signature	Date
Recorded by	William Yeung		06 February 2025
Checked by	Karina Chan		07 February 2025

Site Inspection Record Summary
Inspection Information

Checklist Reference Number	250214
Date	14 February 2025 (Friday)
Time	09:30 – 12:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality • No environmental deficiency was identified during site inspection. ***C. Air Quality*** • No environmental deficiency was identified during site inspection. ***D. Construction Noise Impact*** • No environmental deficiency was identified during site inspection. ***E. Waste/Chemical Management*** • No environmental deficiency was identified during site inspection. ***F. Visual and Landscape*** • No environmental deficiency was identified during site inspection. ***G. Permits/Licences*** • No environmental deficiency was identified during site inspection ***I. Others*** • Follow up on the previous session (Ref No.:250206), no major environmental deficiency was identified during site inspection.	

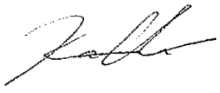
	Name	Signature	Date
Recorded by	William Yeung		14 February 2025
Checked by	Karina Chan		17 February 2025

Site Inspection Record Summary
Inspection Information

Checklist Reference Number	250220
Date	20 February 2025 (Thursday)
Time	09:30 – 12:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality • No environmental deficiency was identified during site inspection. ***C. Air Quality*** • No environmental deficiency was identified during site inspection. ***D. Construction Noise Impact*** • No environmental deficiency was identified during site inspection. ***E. Waste/Chemical Management*** • No environmental deficiency was identified during site inspection. ***F. Visual and Landscape*** • No environmental deficiency was identified during site inspection. ***G. Permits/Licences*** • No environmental deficiency was identified during site inspection ***I. Others*** • Follow up on the previous session (Ref No.:250214), no major environmental deficiency was identified during site inspection.	

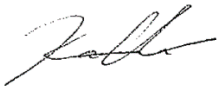
	Name	Signature	Date
Recorded by	William Yeung		20 February 2025
Checked by	Karina Chan		24 February 2025

Site Inspection Record Summary
Inspection Information

Checklist Reference Number	250227
Date	27 February 2025 (Thursday)
Time	09:30 – 12:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality • No environmental deficiency was identified during site inspection. ***C. Air Quality*** • No environmental deficiency was identified during site inspection. ***D. Construction Noise Impact*** • No environmental deficiency was identified during site inspection. ***E. Waste/Chemical Management*** • No environmental deficiency was identified during site inspection. ***F. Visual and Landscape*** • No environmental deficiency was identified during site inspection. ***G. Permits/Licences*** • No environmental deficiency was identified during site inspection ***I. Others*** • Follow up on the previous session (Ref No.:250220), no major environmental deficiency was identified during site inspection.	

	Name	Signature	Date
Recorded by	William Yeung		27 February 2025
Checked by	Karina Chan		03 March 2025

APPENDIX J
EVENT AND ACTION PLANS

Appendix J - Event Action Plans

Table J-1 Event/Action Plan for Air Construction Dust Monitoring

Event	Action			
	ET	IEC	ER	Contractor
Action Level				
1. Exceedance for one sample	1. Identify source, investigate the causes of complaint and propose remedial measures; 2. Inform IEC and ER; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	1. Rectify any unacceptable practice; 2. Amend working methods agreed with the ER as appropriate.
2. Exceedance by two or more consecutive samples	1. Identify source; 2. Inform IEC and ER; 3. Advise the ER on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC, ER and Contractor on remedial actions required;	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET, ER and Contractor on possible remedial measures if required; 4. Advise the ER on the effectiveness of the proposed remedial measures;	1. Notify Contractor; 2. Ensure remedial measures properly implemented.	1. Submit proposals for remedial actions to IEC within three working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.

Appendix J - Event Action Plans

Event	Action			
	ET	**IEC**	**ER**	**Contractor**
	7. If exceedance continues, arrange meeting with IEC, Contractor and ER; 8. If exceedance stops, cease additional monitoring.			
Limit level				
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform the IEC, ER, and Contractor; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC and ER informed of the results.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET, ER and Contractor on possible remedial measures; 4. Advise the ER and ET on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to the ER and copy to the ET and IEC within three working days of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate.
2. Exceedance for two or more consecutive	1. Notify IEC, ER and Contractor; 2. Identify source;	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions;	1. Confirm receipt of notification of exceedance in writing;	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial

Appendix J - Event Action Plans

Event	Action			
	ET	IEC	ER	Contractor
samples	3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures with the ER to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER and ET accordingly; 3. Supervise the implementation of remedial measures.	2. Notify Contractor; 3. In consolidation with the IEC and ET, agree with the Contractor on the remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. 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.	actions to ER and copy to the IEC and ET within three working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.

Appendix J - Event Action Plans

Table J-2 Event/Action Plan for Construction Noise Monitoring

Event	Action			
	ET	IEC	ER	Contractor
Action Level	1. Notify IEC, ER and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC and Contractor; 4. Discuss jointly with the ER and formulate remedial measures; 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the monitoring data submitted by the ET; 2. Review the construction methods and proposed redial measures by the Contractor, and advise the ET and ER if the proposed remedial measures would be sufficient.	1. Notify Contractor; 2. Require Contractor to propose remedial measures for implementation if required.	1. Submit noise mitigation proposals to the ER and copy to the IEC and ET; 2. Implement noise mitigation proposals.
Limit Level	1. Notify IEC, ER and Contractor; 2. Identify source; 3. Repeat measurements to confirm findings; 4. Carry out analysis of Contractor's working	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review the Contractor's remedial actions whenever necessary to assure their effectiveness and advise the	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to the ER and copy to the ET and IEC within 3 working days of notification;

Appendix J - Event Action Plans

Event	Action			
	ET	**IEC**	**ER**	**Contractor**
	procedures to determine possible mitigation to be implemented; 5. Record the causes and action taken for the exceedances; 6. Increase the monitoring frequency; 7. Assess the effectiveness of the Contractor's remedial action with the ER and keep the IEC informed of the results; 8. If exceedance stops, cease additional monitoring.	ER accordingly; 3. Supervise the implementation of remedial measures.	problem; 4. Ensure remedial measures properly implemented; 5. 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.	3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.

Appendix J - Event Action Plans

Table J-3 Event/Action Plan for Landscape and Visual

Event	Action			
	ET	IEC	ER	Contractor
Non-conformity on one occasion	1. Identify Source; 2. Inform the IEC and the ER; 3. Discuss remedial actions with IEC, ER and Contractor 4. Monitor remedial actions until rectification has been completed.	1. Check report; 2. Check Contractor's working method; 3. Discuss with ET and the Contractor on possible remedial measures; 4. Advise ER on effectiveness of proposed remedial measures; 5. Check implementation of remedial measures	1. Notify Contractor; 2. Ensure remedial measures are properly implemented.	1. Amend working methods; 2. Rectify damage and undertake any necessary replacement.

Appendix J - Event Action Plans

Event	Action			
	ET	**IEC**	**ER**	**Contractor**
Repeated Non-conformity	1. Identify source; 2. Inform the IEC and the ER; 3. Increase monitoring frequency; 4. Discuss remedial actions with the IEC, the ER and the Contractor; 5. Monitor remedial actions until rectification has been completed; 6. If exceedance stops, cease additional monitoring.	1. Check monitoring report; 2. Check Contractor's working method; 3. Discuss with ET and the Contractor on possible remedial measures; 4. Advise ER on effectiveness of proposed remedial measures; 5. Check implementation of remedial measures	1. Notify Contractor; 2. Ensure remedial measures are properly implemented.	1. Amend working methods; 2. Rectify damage and undertake any necessary replacement.

APPENDIX K
ENVIRONMENTAL MITIGATION
IMPLEMENTATION SCHEDULE (EMIS)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
Air Quality Impact									
S2.3.1.1	The specific mitigation comprises the following: watering of the construction areas 12 times per day to reduce dust emissions by 91.7%, with reference to the "Control of Open Fugitive Dust Sources" (USEPA AP-42). The amount of water to be applied would be 0.91L/m^2 for the respective watering frequency;	To minimize dust emission during construction works	All relevant works sites, conveyor belts and stockpiles	Contractor and Sub-contractors	APCO / EIAO	Y	Y		^
	Dust enclosures with watering would be provided along the loading ramps and conveyor belts for unloading the C&D materials to the barge for dust suppression; and								N/A(1)
	3-sided barriers around the stockpiling areas WA3 and WA4.								^
S2.3.1.2	The dust control measures detailed below shall also be incorporated into the Contract Specification where practicable as an integral part of good construction practice: Use of regular watering to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather;	To minimize dust emission during construction works	All relevant works sites	Contractor and Sub-contractors	APCO / EIAO	Y	Y		^
	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. 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 site;								^
	Imposition of speed controls for vehicles on unpaved site roads, 8 km per hour is the recommended limit;								N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
	Routing of vehicles and position of construction plant should be at the maximum possible distance from ASRs;								^
	Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides;								^
	Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed; and								N/A(1)
	Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system.								N/A(1)
Noise Impact									
S3.4.1.1	The use of quieter plant, including Quality Powered Mechanical Equipment (QPME) is specified for the list of equipment: - Concrete lorry mixer - Dump Truck, 5.5 tonne < gross vehicle weight ≤ 38 tonne - Generator, Super Silenced, 70 dB(A) at 7m - Poker, vibratory, Hand-held (electric) - Water Pump, Submersible (Electric) - Mobile Crane - KOBELCO CKS900 - Excavator, wheeled/tracked - HYUNDAI R80CR-9	To minimise air-borne noise impacts	All relevant works sites	Contractor and Sub-contractors	NCO / EIAO		Y		^
S3.4.1.1	Use of temporary or fixed noise barriers with a surface density of at least 10kg/m^2 to screen noise from movable and stationary plant.	To minimise air-borne noise impacts	All relevant works sites	Contractor and Sub-contractors	NCO / EIAO		Y		^
S3.4.1.1	Use of enclosures with covers at top and three sides and a surface density of at least 10kg/m^2 to screen noise from generally static noisy plant such as air compressors.	To minimise air-borne noise impacts	All relevant works sites	Contractor and Sub-contractors	NCO / EIAO		Y		N/A(1)
S3.4.1.1	Use of acoustic fabric for the silent piling system, drill rigs, rock drills etc.	To minimise air-borne noise impacts	All relevant works sites	Contractor and Sub-contractors	NCO / EIAO		Y		^
S3.4.1.1	Proper fitting of silencers and mufflers on the ventilation fans.	To minimise air-borne noise impacts	All relevant works sites	Contractor and Sub-contractors	NCO / EIAO		Y		N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S3.4.1.1	Implementation of good site practice: Only well-maintained plant should be operated on-site and plants should be serviced regularly during the construction period;	To minimise air-borne noise impacts	All relevant works sites	Contractor and Sub-contractors	NCO / EIAO		Y		^
	Mobile plant, if any, should be sited as far from NSRs as possible;								^
	Plant known to emit noise strongly in one direction should, wherever possible, be properly orientated so that the noise is directed away from the nearby NSRs;								^
	Use of site hoarding as a noise barrier to screen noise at low level NSRs;								^
	Machines and plant that may be in intermittent use should be shut down between works periods or should be throttled down to a minimum; and								^
	Any material stockpiles and other structures should be effectively utilised, wherever practicable, to screen the noise from on-site construction activities.								^
	The advancing speed of the TBM should be restricted to 2m/hr in order to ensure compliance with the daytime ground-borne noise limits.								N/A
Water Quality									
S4.2.1.1	In accordance with the Practice Note for Professional Persons on Construction Site Drainage, Environmental Protection Department, 1994 (ProPECC PN 1/94), construction phase mitigation measures shall include the following: Surface run-off from the construction site, including all Works Areas, will be discharged into storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sedimentation basins. At the establishment of works sites and works areas including the barging point, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels (both temporary and permanent drainage pipes and culverts), earth bunds or sand bag barriers should be provided to divert the storm water to the silt removal facilities. The design of the temporary on-site drainage system will be undertaken by the Contractor prior to the commencement of construction and the catch-pits and perimeter channels would be constructed in advance of site formation works and earthworks;	To control water quality impact from construction site runoff and general construction activities	All works sites	Contractor and Sub-contractors	Water Pollution Control Ordinance / ProPECC PN 1/94		Y		^

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
	Dikes or embankments for flood protection should be implemented around the boundaries of earthwork areas and Works Areas. Temporary ditches should be provided to facilitate the runoff discharge into an appropriate watercourse, through a site/sediment trap;								^
	The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94, which states that the retention time for silt/sand traps should be 5 minutes under maximum flow conditions. The sizes may vary depending upon the flow rate, but for a flow rate of $0.1m^3/s$, a sedimentation basin of $30m^3$ would be required and for a flow rate of $0.5m^3/s$ the basin would be $150m^3$. All effluent discharged from the construction site should comply with the standards stipulated in the TM-DSS. The detailed design of the sand/silt traps shall be undertaken by the Contractor prior to the commencement of construction;								N/A(1)
	In accordance with ProPECC PN 1/94, the construction works should be programmed to minimise surface excavation works during rainy seasons (April to September), as far as practicable. All exposed earth areas should be completed and vegetated as soon as possible after the earthworks have been completed, or alternatively, within 14 days of the cessation of earthworks where practicable. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means;								^
	The overall slope of works sites should be kept to a minimum to reduce the erosive potential of surface water flows, and all trafficked areas and access roads should be protected by coarse stone ballast. An additional advantage accruing from the use of crushed stone is the positive traction gained during the prolonged periods of inclement weather and the reduction of surface sheet flows;								^
	All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure their proper and efficient operation at all times particularly following rainstorms. Deposited silts and grits should be removed regularly and disposed of by spreading evenly over stable, vegetated areas;								^
	Measures should be taken to minimise the ingress of site drainage into excavations. If the excavation of trenches in wet season is inevitable, they should be dug and backfilled in short sections wherever practicable. The water pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities;								^

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
	Open stockpiles of construction materials (for example, aggregates, sand and fill material) should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system;								^
	Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and storm runoff being directed into foul sewers;								^
	Precautions to be taken at any time of the year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecasted and during or after rainstorms, are summarised in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events;								N/A(1)
	All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facilities should be provided at the exit of every construction site where practicable. Wash- water should have sand and silt settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-washing bay to public roads should be paved with sufficient backfall toward the wheel- washing bay to prevent vehicle tracking of soil and silty water to public roads and drains;								^
	Oil interceptors should be provided in the drainage system downstream of any oil/fuel pollution sources, specifically Works Areas WA1, WA2, WA4 and WA5 where plant maintenance is proposed. Oil interceptors should be emptied and cleaned regularly to prevent the release of oil and grease into the storm water drainage system after accidental spillage. A bypass should be provided for oil interceptors to prevent flushing during heavy rain;								N/A(1)
	The construction solid waste, debris and rubbish on-site should be collected, handled and disposed of properly to avoid causing any water quality impacts. The requirements for solid waste management are detailed in Section 11 Waste Management of this EIA report; and								^
	All fuel tanks and storage areas should be provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to prevent spilled fuel oils from reaching the nearby WSRs.								^

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S4.2.1.1 and 4.3.1.5	There is a need to apply to the 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. Minimum distances of 100m should be maintained between the discharge points of construction site effluent and the existing seawater intakes. 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 WPCO license	To control water quality impact from effluent discharge from construction site	All works sites	Contractor and Sub-contractors	Water Pollution Control Ordinance		Y		N/A(1)
S4.2.1.1	Specific mitigation measures for the tunnelling works using TBM, soft ground and mechanical excavation techniques should include the following: The cut-and-cover tunnelling works should be conducted sequentially as far as practicable to limit the amount of construction wastewater generated from the exposed areas during the wet season (April to September);	To minimize construction water quality impact from tunnelling and excavation works	All tunnelling and excavation portion	Contractor and Sub-contractors	TMEIA TMwater ProPECC PN 1/94 WPCO		Y		N/A
	Uncontaminated discharge should pass through settlement tanks prior to discharge;								N/A
	If contaminated groundwater is found during the course of the works, no direct discharge of groundwater from contaminated areas should be adopted. Any contaminated groundwater should be properly treated in compliance with the requirements of the TM-DSS. If wastewater treatment is to be deployed for treating the contaminated groundwater, the wastewater treatment unit should deploy suitable treatment processes (e.g. oil interceptor/activated carbon) to reduce the pollution level to an acceptable standard and remove any prohibited substances (such as TPH) to an undetectable range;								N/A
	If groundwater recharging wells are deployed, recharging wells should be installed as appropriate for recharging the contaminated groundwater back into the ground. The recharging wells should be selected at places where the groundwater quality will not be affected by the recharge operation as indicated in the Section 2.3 of TM-DSS;								N/A

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
	The baseline groundwater quality shall be determined prior to the selection of the recharge wells, and submit a working plan (including the laboratory analytical results showing the quality of groundwater at the proposed recharge location(s) as well as the pollutant levels of groundwater to be recharged) to EPD for agreement. Pollution levels of groundwater to be recharged shall not be higher than pollutant levels of ambient groundwater at the recharge well. Prior to recharge, any prohibited substances such as TPH products should be removed as necessary by installing the petrol interceptor;								N/A
	The wastewater with high concentrations of SS should be treated such as by settlement in tanks with sufficient retention time before discharge. Oil interceptors would also be required to remove the oil, lubricants and grease from the wastewater.								N/A

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S4.2.1.1	In order to prevent any accidental release of bentonite slurry from getting into the surrounding environment, the following specific control measures shall be followed to reduce the risk and impacts of accidental spillage: All bentonite slurry should be stored in a container that resistant to corrosion, maintained in good conditions and securely closed;	To control water quality impact from bentonite slurry	All relevant works sites	Contractor and Sub-contractors	WPCO		Y		^
	The container should be labelled in English and Chinese and note that the container is for storage of bentonite slurry only;								^
	The storage container should be placed on an area of impermeable flooring and bunded with capacity to accommodate 110% of the volume of the container size or 20% by volume stored in the area and enclosed with at least 3 sides;								N/A(1)
	The storage container should be sufficiently covered to prevent rainfall entering the container or bunded area (water collected within the bund must be tested and disposed of as chemical waste, if necessary);								^
	An emergency clean up kit shall be readily available where bentonite fluid will be stored or used; and								N/A(1)
	The handling and disposal of bentonite slurries should be undertaken in accordance within ProPECC PN 1/94. Surplus bentonite slurries used in construction works shall be reconditioned and reused wherever practicable. Residual bentonite slurry shall be disposed of from the site as soon as possible as stipulated in Clause 8.56 of the General Specification for Civil Engineering Works. The Contractor should explore alternative disposal outlets for the residual bentonite slurry (dewatered bentonite slurry to be disposed to a public filling area and liquid bentonite slurry, if mixed with inert fill material, to be disposed to a public filling area) and disposal at landfill should be the last resort.								N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S4.2.1.1	The proposed barging point at South Apron will not involve marine works like dredging or modifying the submerged portion of the existing seawall. As such, no direct adverse water quality impacts are anticipated during its construction or operation. However, mitigation measures as outlined above should be applied to minimise water quality impacts from site run-off and temporary open stockpiles of spoil at the proposed barging point, where appropriate. Other good site practices include: All vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash;	To minimize construction water quality impact from barging point	Barging Point	Contractor and Sub-contractors	EIAO-TM WPCO		Y		N/A(1)
	All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material;								^
	Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site; and								N/A(1)
	Loading of barges and hoppers should be controlled to prevent splashing of material into the surrounding water. Barges or hoppers should not be filled to a level that will cause the overflow of materials or polluted water during loading or transportation.								N/A
S4.2.1.1	If chemical toilets and sewage holding tanks are required for handling sewage generated by the construction workforce, a licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.	To minimize construction water quality impact from sewage and effluent	All works sites	Contractor	WPCO		Y		^
S4.2.1.1	In order to protect against impacts to the surrounding marine waters of the KTTS and Victoria Harbour in the event of an accidental spillage of fuel or oil, the Contractor will be required to prepare a spill response plan to the satisfaction of AFCD, EPD, FSD, Police, TD and WSD to define procedures for the control, containment and clean-up of any spillage that could occur on the construction site.	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S4.2.1.1	The Contractor must, also, 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 control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		N/A(1)
S4.2.1.1	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 for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		N/A(1)
S4.2.1.1	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows: Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport;	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		^
	Chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents; and								N/A(1)
	Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.								^
S4.2.1.1	The road drainage in the tunnel should pass through oil interceptors to remove oil, and grease before being discharged into the public storm water drainage system;	To mitigate runoff from tunnel during the operational phase	Tunnel	CEDD	WPCO			Y	N/A
	Silt traps and oil interceptors should be cleaned and maintained regularly; and								N/A
	The oily contents of oil interceptors should be transferred to an appropriate disposal facility, or to be collected for reuse, if possible.								N/A

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
Marine Ecology									
S5.3.1.1	Good construction practice measures have been recommended to be implemented as follows: Avoid damage and disturbance to the remaining and surrounding natural habitat;	Minimize waste generation during construction	Contractor	Work Sites	Construction phase of Main Works Stage 1, Stage 2 and Stage 3		Y		N/A(1)
	Placement of equipment in designated areas within the existing disturbed land;								N/A(1)
	Spoil heaps should be covered at all times;								N/A(1)
	Construction activities should be restricted to the designated works areas; and								N/A(1)
	Disturbed areas to be reinstated immediately after completion of the works.								N/A(1)
Fisheries									
S6.2.1.2	No fisheries specific mitigation measures.								

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
Landscape and Visual									
S7.2.1.2	All works shall be carefully designed to minimize impacts on existing landscape resources and visually sensitive receivers. Existing trees within works area shall be retained and protected.	To minimise impact on existing trees	All relevant works sites	CEDD's Contractor	EIAO TM	Y	Y		^
S7.2.1.2	Existing trees of good quality and condition that are unavoidably affected by the works should be transplanted.	To minimise impact on existing trees	All relevant works sites	CEDD's Contractor	EIAO TM	Y	Y		N/A
S7.2.1.2	Large temporary stockpiles of excavated material shall be covered with unobtrusive sheeting to prevent dust and dirt spreading to adjacent landscape areas and vegetation, and to create a neat and tidy visual appearance.	To prevent unnecessary dust and dirt contaminating the air and adjacent areas.	All relevant works sites	CEDD's Contractor	EIAO TM		Y		^
S7.2.1.2	Construction plant and building material shall be orderly and carefully stored in order to create a neat and tidy visual appearance.	To mitigate potential visually obtrusive areas	All relevant works sites	CEDD's Contractor	EIAO TM		Y		^
S7.2.1.2	Erection of decorative screen hoarding should be designed to be compatible with the existing urban context.	To mitigate and screen any potential visually obtrusive areas and enhance urban environment	All relevant works sites	CEDD's Contractor	EIAO TM		Y		^
S7.2.1.2	All lighting in construction site shall be carefully controlled to minimize light pollution and night-time glare to nearby residences and GIC user. The contractor shall consider other security measures, which shall minimize the visual impacts.	To mitigate light pollution and adverse visual impacts on surrounding environment	All relevant works sites	CEDD's Contractor	EIAO TM		Y		^
S7.2.1.2	Compensatory tree planting shall be incorporated along all roadside amenity areas affected by the construction works. The required numbers and locations of compensatory trees shall be determined and agreed with the Government during Tree Removal Application process under ETWB TCW No. 3/2006.	To reinstate and maximise compensatory tree numbers to equal or greater conditions	All relevant works sites	CEDD's Contractor	EIAO TM		Y		N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S7.2.1.2	Compensatory tree planting shall be incorporated by the Project. The required numbers of compensatory trees shall follow the requirements of ETWB TCW No. 3/2006. Loss of amenity area adjacent to the Kwun Tong By-pass and planting areas in KTD South Apron will be mitigated by the creation of the Kai Tak South Apron: Amenity Area, which will be equal to or larger than the current provision.	To reinstate and maximise compensatory tree	All relevant works sites	CEDD's Contractor	EIAO TM		Y		N/A(1)
S7.2.1.2	Trees and shrubs and climbers etc. shall be planted to soften and screen proposed roads, central strip and associated structure, and to enhance streetscape greening effect where appropriate.	To mitigate hard surfaces and hard standing landscape areas and to soften and enhance proposed design features	All relevant works sites	CEDD's Contractor	EIAO TM	Y		Y	N/A
S7.2.1.2	All works area, excavated area and disturbed area for tunnel construction and temporary road diversion or any other proposed works shall be reinstated to former conditions or better, with reasonable landscape treatment and to the satisfaction of the relevant Government departments.	To reinstate and maximise hard and soft landscape areas to equal or greater conditions	All relevant works sites	CEDD's Contractor	EIAO TM	Y		Y	N/A
S7.2.1.2	Tunnel portals and all above ground structures shall be sensitively designed to ensure the element with colour, texture and tonal quality being compatible to the existing urban context. Trees and shrub planting to minimize the potential adverse landscape and visual impacts shall be included where space permits. Roof top greening and vertical greening shall also be provided.	To mitigate hard surfaces and hard standing landscape areas and to soften and enhance proposed design features	All relevant works sites	CEDD's Contractor	EIAO TM	Y		Y	N/A
S7.2.1.2	All works shall be carefully designed to minimize impacts on existing landscape resources and visually sensitive receivers. Existing trees within works area shall be retained and protected.	To minimise impact on existing trees	All relevant works sites	CEDD's Contractor	EIAO TM	Y		Y	N/A
S7.2.1.2	Existing trees of good quality and condition that are unavoidably affected by the works should be transplanted.	To minimise impact on existing trees	All relevant works sites	CEDD's Contractor	EIAO TM	Y		Y	N/A

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
Cultural Heritage									
S8.2.1.1 and 8.2.1.2	No culture heritage specific mitigation measures								
Waste Management Implication									
S9.2.1.2	The requirements as stipulated in the ETWB TC(W) No.19/2005 Environmental Management on Construction Sites and the other relevant guidelines should be included in the Particular Specification for the future contractor as appropriate.	To keep trace of the generation, minimization, reuse and disposal of C&D materials	All areas / throughout construction period	Contractor	ETWB TC(W) No.19/2005		Y		N/A
S9.2.1.2	The future contractor should be requested to submit an outline Waste Management Plan (WMP) prior to the commencement of construction work, in accordance with the ETWB TC(W) No.19/2005 so as to provide an overall framework of waste management and reduction. The WMP should include: - Waste management policy; - Record of generated waste; - Waste reduction target; - Waste reduction programme; - Role and responsibility of waste management team; - Benefit of waste management; - Analysis of waste materials; - Reuse, recycling and disposal plans; - Transportation process of waste products; and - Monitoring and action plan.	To keep trace of the generation, minimization, reuse and disposal of C&D	All areas / throughout construction period	Contractor	ETWB TC(W) No.19/2005		Y		N/A(1)
S9.2.1.2	The waste management hierarchy should be strictly followed. This hierarchy should be adopted to evaluate the waste management options in order to maximise the extent of waste reduction and cost reduction. The records of quantities of waste generated, recycled and disposed (locations) should be properly documented.	To keep trace of the generation, minimization, reuse and disposal of C&D	All areas / throughout construction period	Contractor	ETWB TC(W) No.19/2005		Y		N/A(1)
S9.2.1.2	A trip-ticket system should be established in accordance with DevB TC(W) No. 6/2010 and Waste Disposal (Charges for Disposal of Construction Waste) Regulation to monitor the disposal of public fill and solid wastes at public filling facilities and landfills, and to control fly-tipping. A trip-ticket system would be included as one of the contractual requirements for the future contractor to strictly implement. The Engineer would also regularly audit the effectiveness of the system.	To monitor disposal of waste and control fly-tipping	All areas / throughout construction period	Contractor	DEVB TC(W) No. 6/2010		Y		N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S9.2.1.2	A recording system for the amount of waste generated, recycled and disposed (locations) should be established. The future contractor should also provide proper training to workers regarding the appropriate concepts of site cleanliness and waste management procedures, e.g. waste reduction, reuse and recycling all the time.	To monitor disposal of waste and control fly-tipping	All areas / throughout construction period	Contractor	DEVB TC(W) No. 6/2010		Y		N/A(1)
S9.2.1.2	The CEDD should be timely notified of the estimated spoil volumes to be generated and the PFC should be notified and agreement sort on the disposal of surplus inert C&D materials e.g. good quality rock during detailed design of the Trunk Road T2 Project. Wherever practicable, C&D materials should be segregated from other wastes to avoid contamination and to ensure acceptability at public filling areas or reclamation sites.	To monitor disposal of waste and control fly-tipping	All areas / throughout construction period	Contractor	DEVB TC(W) No. 6/2010		Y		N/A(1)
S9.2.1.2	The extent of cutting operation should be optimised where possible. Earth retaining structures and bored pile walls should be proposed to minimise the extent of cutting.	To minimize, reuse and disposal of C&D materials	All areas / throughout construction period	Contractor	DevB TC(W) No.6/2010		Y		N/A(1)
S9.2.1.2	Inert C&D materials from road pavement would be reused for backfilling where possible	To minimize, reuse and disposal of C&D materials	All areas / throughout construction period	Contractor	DevB TC(W) No.6/2010		Y		N/A(1)
S9.2.1.2	TBM generated alluvium and other C&D materials should be treated at a slurry treatment plant prior to transferring to Public Fill Reception Facilities.	To minimize, reuse and disposal of C&D materials	TMB works area / during TBM works	Contractor	DevB TC(W) No.6/2010		Y		^
S9.2.1.2	The site and surroundings should be kept tidy and litter free.	To implement good site practice for handling, sorting reuse and recycling of wastes	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010		Y		^

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S9.2.1.2	No waste is allowed to be burnt on site.	To implement good site practice for handling, sorting reuse and recycling of wastes	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010		Y		^
S9.2.1.2	Make provisions in contract documents to allow and promote the use of recycled aggregates where appropriate.	To implement good site practice for handling, sorting reuse and recycling of wastes	Detailed Design	Design Consultant	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010	Y			N/A(1)
S9.2.1.2	Prohibit the future contractor to dispose of C&D materials at any sensitive locations e.g. natural habitat, etc. The future contractor should propose the final disposal sites in the WMP for approval before implementation.	To implement good site practice for handling, sorting reuse and recycling of wastes	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010		Y		N/A(1)
S9.2.1.2	Stockpiled C&D materials should be covered by tarpaulin and/or watered as appropriate to prevent windblown dust and surface run off.	To implement good site practice for handling, sorting reuse and recycling of wastes	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010		Y		^
S9.2.1.2	Excavated C&D materials in trucks should be covered by tarpaulins to reduce the potential for spillage and dust generation.	To implement good site practice for handling, sorting reuse and recycling of wastes	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010		Y		^
S9.2.1.2	Wheel washing facilities should be used by all trucks leaving the site to prevent transferring mud trails onto public roads.	To implement good site practice for handling, sorting reuse and recycling of wastes	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010		Y		^
S9.2.1.2	Excavated marine deposit (sediment) should be disposed of in a gazetted marine disposal ground under the requirements of the DASO or treated for backfilling.	To ensure proper disposal of marine sediment	All areas / throughout construction period	Contractor	ETWB TC(W) No.34/2002		Y		N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S9.2.1.2	Standard formwork or pre-fabrication should be used as far as practicable to minimise the C&D materials arising. The use of more durable formwork or plastic facing for construction works should also be considered. The use of wooden hoardings should be avoided and metal hoarding should be used to facilitate recycling. Purchasing of construction materials should be carefully planned in order to avoid over-ordering and wastage.	To minimize, reuse and disposal of C&D materials	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010		Y		N/A(1)
S9.2.1.2	The future contractor should recycle as many C&D materials as possible on-site. The public fill and C&D waste should be segregated and stored in separate containers or skips to facilitate the reuse or recycling of materials and proper disposal. Where practicable, the concrete and masonry should be crushed and used as fill materials. Steel reinforcement bar should be collected for use by scrap steel mills. Different areas of the sites should be considered for segregation and storage activities.	To minimize, reuse and disposal of C&D materials	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010		Y		^
S9.2.1.2	All falsework should be steel instead of wood as far as practicable.	To minimize, reuse and disposal of C&D materials	All areas / throughout construction period	Contractor	DevB TC(W) No.6/2010		Y		N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S9.2.1.2	Chemical waste producers should register with the EPD and chemical waste should be handled in accordance with the Code of Practice on the Packaging, Handling and Storage of Chemical Wastes as follows: - Suitable for the substance to be held, resistant to corrosion, maintained in good conditions and securely closed; - Having a capacity of <450L unless the specifications have been approved by the EPD; and - Displaying a label in English and Chinese according to the instructions prescribed in Schedule 2 of the Regulations. - Clearly labelled and used solely for the storage of chemical wastes; - Enclosed with at least 3 sides; - Impermeable floor and bund with capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in the area, whichever is greatest; - Adequate ventilation; - Sufficiently covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary); and - Incompatible materials are adequately separated.	To properly store the chemical waste within works sites and works areas	All areas / throughout construction period	Contractor	Code of Practice on the Packaging, Handling and Storage of Chemical Wastes		Y		^
S9.2.1.2	Waste oils, chemicals or solvents should not be disposed of to drain.	To implement good site practice for handling, sorting reuse and recycling of wastes	All areas / throughout construction period	Contractor	EIAO TM		Y		^

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S9.2.1.2	Adequate numbers of portable toilets should be provided for on-site workers. Portable toilets should be maintained in reasonable states, which will not deter the workers from utilising them. Night soil should be regularly collected by licensed collectors.	To ensure proper disposal of sewage sludge	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance, DevB TC(W) No. 6/2010		Y		N/A(1)
S9.2.1.2	General refuse arising on-site should be stored in enclosed bins or compaction units separately from C&D and chemical wastes. Sufficient dustbins should be provided for storage of waste as required under the Public Cleansing and Prevention of Nuisances By- laws. In addition, general refuse should be cleared daily and disposed of to the nearest licensed landfill. Burning of refuse on construction sites is prohibited.	To separate the general refuse from other waste types and proper disposal of the refuse	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance		Y		^
S9.2.1.2	All waste containers should be in a secure area on hardstanding.	To implement good site practice for handling, sorting reuse and recycling of wastes	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance		Y		^
S9.2.1.2	Aluminium cans should be collected and recovered from the waste stream by reputable collectors if they are segregated and easily accessible. Separately labelled bins for their deposition should be provided as far as practicable.	To implement on-site sorting facilitating reuse and recycling of materials as well as proper disposal of waste	All areas / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance		Y		N/A(1)
S9.2.1.2	Office wastes can be reduced by recycling of paper if such volume is sufficiently large to warrant collection. Participation in a local collection scheme by the future contractor should be advocated. Waste separation facilities for paper, aluminium cans, plastic bottles, etc should be provided on-site.	To separate the general refuse from other waste types and proper disposal of the refuse	Site Offices / throughout construction period	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance		Y		N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S9.2.1.2	Training should be provided to workers about the concepts of site cleanliness and appropriate waste management procedure, including waste reduction, reuse and recycling.	To implement good site practice for handling, sorting reuse and recycling of wastes	Contract Mobilisation	Contractor	WDO, Land (Miscellaneous Provisions) Ordinance		Y		N/A(1)
S9.2.1.2	During construction phase, regular site inspections and supervision of the waste management procedures shall be undertaken as part of the EM&A procedures.	To ensure proper control, all waste is removed from site areas as appropriate and illegal disposal of waste is not being undertaken	All areas / throughout construction period	Contractor	EIAO TM		Y		^

Remarks: EM&A Programme under EP-451/2013	
D	Design
C	Construction
Y	Yes
O	Operation
^	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 L
SUMMARIES OF ENVIRONMENTAL COMPLAINT, WARNING, SUMMON AND NOTIFICATION OF SUCCESSFUL PROSECUTION

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Reporting Month: February 2025

Log Ref.	Location	Received Date	Details of Complaint/warning/ summon and prosecution	Investigation/Mitigation Action	Status
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Remarks:
No environmental complaint was received in the reporting period.
No environmental warning/summon and prosecution were received in the reporting period.

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Table L2 Cumulative Log for Environmental Complaint, Warning, Summon and Notification of Successful Prosecution

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
#A01	The Launching Shaft	24 June 2020	A complaint regarding dust nuisance possible caused by the construction works at the Launching Shaft area was received.	- Training regarding the loading and unloading height control was provided to the labourers to ensure dusty materials are transported under a minimum practical height. - Water sprays system was installed around the location of complaint to prevent dust generated from wind erosion on the stockpile. - Contractor was reminded to further enhance the dust mitigation measures to minimize the dust nuisance.	Air	Closed
#N01	The Launching Shaft	03 & 13 July 2020	The verbal complaint regarding the noise nuisance generated from D-wall cutter operation nearby the PWCL	- Noise barrier was erected between noise source and the PWCL building. - Construction programme was reviewed as to minimize operation of PME nearby the PWCL building - Contractor was recommended to implement the noise mitigation measures and other good site practices to minimize the noise nuisance.	Noise	Closed

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
			building was received by CEDD			
#N03	The Launching Shaft	03 December 2020	A verbal complaint regarding the noise nuisance, generated from the construction works nearby PWCL building, was received by CEDD.	- Contractor has taken the remedial action (i.e. Some of the breakers in which were operated nearby the concerned area were wrapped up with the acoustic insulation sheets) and noise mitigation measures (i.e. Noise barrier was installed adjoining the building to minimize the influence of construction noise, maintenance for all Powered Mechanical Equipment was conducted regularly, review on the construction programme to minimize the operations of PMEs near the PWCL) to minimize the noise impact generated from breaking activities.	Noise	Closed
#N10	Launching Shaft and Barging Point	28 February 2023	A Complaint of Noise Nuisance caused by the nighttime construction	– The cause of the noise nuisance may cause by the operation of Derrick Barge and the Conveyors. – No limit level exceedance was recorded for additional noise monitoring and the weekly construction noise monitoring.	Noise	Closed

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
			activities was received.	– In addition, the Contractor shall review the construction schedule, priorities the work sequence and maintain good site practices, such as erecting noise barrier as close as possible to the noise source, replace damaged semi-enclosure/noise barrier and provide regularly maintenance for PMEs.		
		7 March 2023	Follow up complaint from the same complainant was received and he/she informed that the construction noise nuisance at 09:50pm.	– The cause of the noise nuisance may cause by the operation of Derrick Barge and the Conveyors. – No limit level exceedance was recorded for additional noise monitoring and the weekly construction noise monitoring. – In addition, the Contractor shall review the construction schedule, priorities the work sequence and maintain good site practices, such as erecting noise barrier as close as possible to the noise source, replace damaged semi-enclosure/noise barrier and provide regularly maintenance for PMEs.	Noise	Closed

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
#W01	Launching Shaft and Barging Point	13 March 2023	A complaint regarding to the silt/dirt being swept into the sea from the operation of barge under Trunk Road T2.	– There is no direct evidence that the Silt/ Dirt being swept into the sea from the barge of T2. – The following recommendations are made to further enhance the mitigation measures: – Provide regular training to site personnel on proper waste management and appropriate handling procedures. – Provide sufficient waste disposal points and regular collection for disposal. – Closely monitor the barge operation. – The Contractor has implemented the above environmental mitigation measures (As mentioned in Section 2.6) on site to ensure that no silt and household waste being swept into any water body.	Water	Closed
#N12	Launching Shaft Area, Barging Point, Cheung Yip Street	17 November 2023	A verbal complaint regarding the noise nuisance, generated from the	– The cleaning work using the water jetting unit may be the cause of noise nuisance. – No limit level exceedance was recorded for additional noise monitoring and the weekly construction noise monitoring. – In addition, the Contractor shall review the construction schedule, priorities the work	Noise	Closed

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
			construction works near Cheung Yip Street after 21:00.	sequence and maintain good site practices, such as erecting noise barrier as close as possible to the noise source, replace damaged semi-enclosure/noise barrier and provide regularly maintenance for PMEs.		
#W02	Launching Shaft Area	22 November 2023	A complaint regarding to the number of fish die-off at the Kwun Tong Typhoon Shelter.	– There is no direct evidence that the dead fish floating near the Kwun Tong Pier were caused by the construction activities. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent. – 2) Conduct regular water quality monitoring – 3) Carry out regular visual inspection to the Kai Tak Approach Channel (near the outfall of discharge point) to prevent illegal discharge of untreated water.	Water	Closed
#N13	Portion Q1	23 April 2024	A verbal complaint regarding the	– The complaint is considered as project-related. – Despite the lifting operation being carried out at the site during the night, the contractor was in	Noise	Closed

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
			noise nuisance, generated from the construction works nearby the Wai Lok Street building at 10:20 pm, was received by EPD	possession of a valid construction noise permit (GW-RE0328-24). All construction activities were performed in accordance with legal regulations, and no violations of the law were found. – In addition, the Contractor shall review the construction schedule, priorities the work sequence and maintain good site practices, such as erecting noise barrier as close as possible to the noise source, replace damaged semi enclosure/noise barrier and provide regularly maintenance for PMEs. – As the complaint was considered as project related, the contractor had implemented the relevant mitigation measures to minimize the noise impact including:1) Conduct regular noise monitoring.2) Conduct regular maintenance for all Powered Mechanical Equipment to minimize the noise generated from engines. – Displayed the CNP at the gates of Portion Q.		

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
#W03	Launching Shaft Area	23 July 2024	A complaint regarding wastewater discharge at an outlet near Children's Hospital	– There is no direct evidence that the discharged yellowish wastewater was caused by the construction activities. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent. – 2) Conduct regular water quality monitoring. – 3) Carry out regular visual inspection to the Kai Tak Approach Channel (near the outfall of discharge point) to prevent illegal discharge of untreated water.	Water	Closed
#A02	Launching Shaft Area	5 September 2024	A complaint regarding dust nuisance, suspected to be caused by the construction works at the	– The dust emission was related to the bentonite refilling activities. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) Conduct regular maintenance for several plants which used for refilling work.	Air	Closed

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
			Launching Shaft area	– 2) Reduce the maximum capacity of silo to 85% of total volume to prevent recurrence.		
#W04	Launching Shaft Area	24 September 2024	A complaint regarding untreated water discharged into an unknown underground pipe inside the site via a blue plastic hose, muddy water also appeared at seafront of T2 site	– There is no direct evidence that the muddy water at seafront of T2 site was caused by the construction activities. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) To avoid misleading, a water pump was directly connected from Cut & Cover Shaft to the designated sump pit. – 2) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent. – 3) Conduct regular water quality monitoring. – 4) Carry out regular visual inspection to the Kai Tak Approach Channel (near the outfall of discharge point) to prevent illegal discharge of untreated water	Water	Closed

APPENDIX M
SUMMARY OF EXCEEDANCE

Environmental Permit No.: EP-451/2013
Environmental Team for Trunk Road T2

Appendix M – Summary of Exceedance

Reporting Month: February 2025

(A) Exceedance Report for Air Quality

No Action Level and No Limit Level exceedance of 24hr TSP monitoring was recorded in this reporting month.

(B) Exceedance Report for Construction Noise

Action Level for Construction Noise

No Action Level exceedance was recorded due to no documented complaint received in this reporting month.

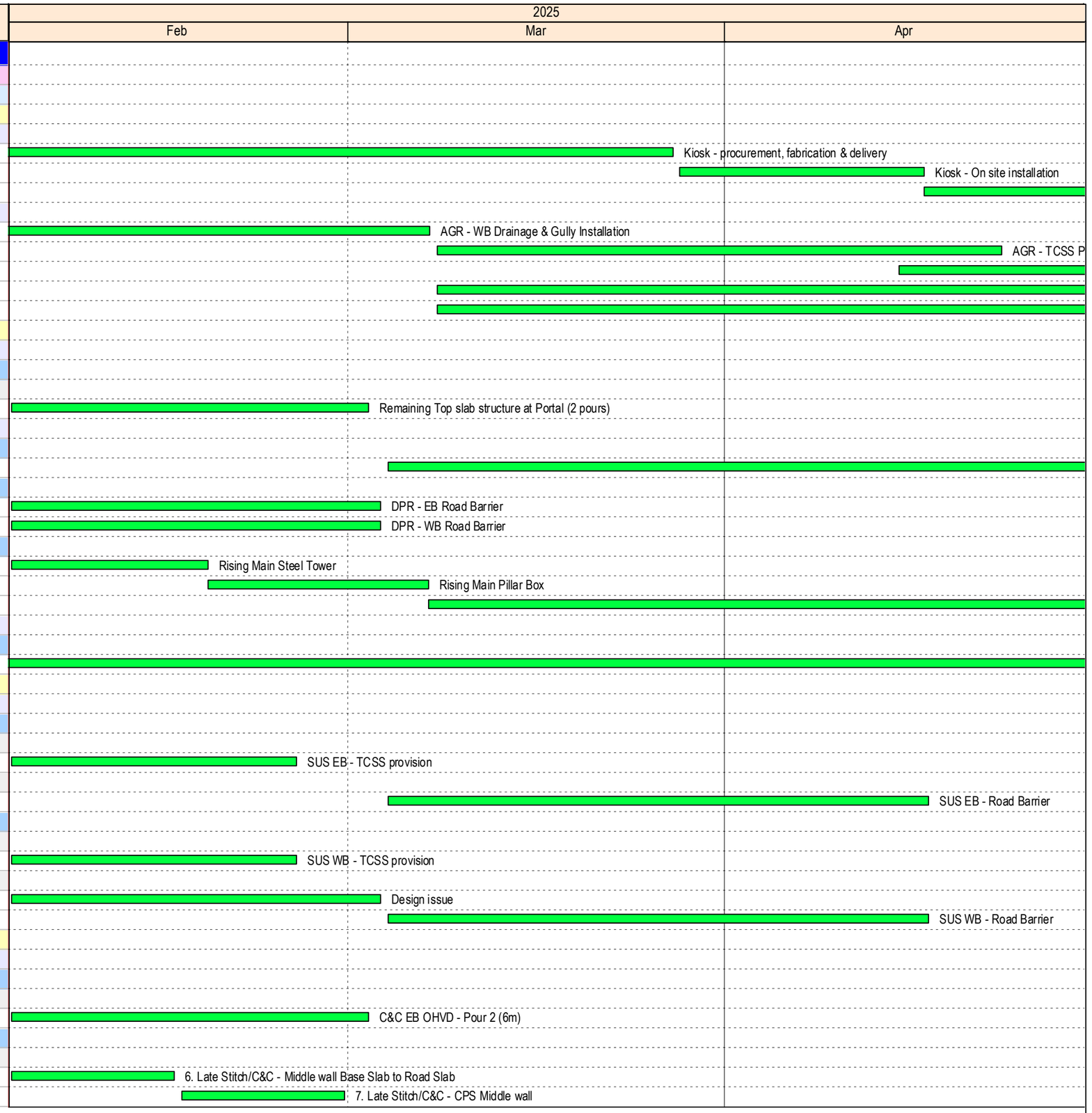
Limit Level for Construction Noise

No exceedance for daytime construction noise monitoring was recorded in the reporting month.

(C) Summary of Landscape and Visual Non-Conformity
(NIL in the reporting month)

APPENDIX N
TENTATIVE CONSTRUCTION PROGRAMME

Activity ID	Activity Name	Dur	Start	Finish
HKT2 Pre-P75 Programme DD 01Feb25		608	26-Nov-23 A	26-Jul-25
Construction		608	26-Nov-23 A	26-Jul-25
Trunk Road T2		608	26-Nov-23 A	26-Jul-25
02 At-Grade Road - AGR		331	15-Jun-24 A	12-May-25
Kiosk		140	15-Nov-24 A	12-May-25
AGR1030	Kiosk - procurement, fabrication & delivery	108	15-Nov-24 A	27-Mar-25
AGR1060	Kiosk - On site installation	16	28-Mar-25	17-Apr-25
AGR1070	Kiosk - Finishing works	16	17-Apr-25	12-May-25
AGR - Road & Drainage works		330	15-Jun-24 A	10-May-25
AGR1020	AGR - WB Drainage & Gully Installation	218	15-Jun-24 A	07-Mar-25
AGR1021	AGR - TCSS Provision CH5860-5962	36	08-Mar-25	23-Apr-25
AGR1120	AGR - EB Subbase	11	15-Apr-25*	30-Apr-25
AGR1050	AGR - WB Road Side Barrier	60	08-Mar-25	06-May-25
AGR1040	AGR - EB Drainage & Gully Installation	49	08-Mar-25	10-May-25
03 Depressed Road - DPR		168	30-Nov-24 A	16-May-25
DPR - Structure Works		30	01-Feb-25	02-Mar-25
DPR - Remaining Structure		30	01-Feb-25	02-Mar-25
MJ		30	01-Feb-25	02-Mar-25
A229450060	Remaining Top slab structure at Portal (2 pours)	30	01-Feb-25	02-Mar-25
DPR - Road Works		105	01-Feb-25	16-May-25
Sign Gantry		59	04-Mar-25	01-May-25
DPR10030	DPR - Sign Gantry & Civil Provision	59	04-Mar-25	01-May-25
Street Furniture		31	01-Feb-25	03-Mar-25
DPR10020	DPR - EB Road Barrier	31	01-Feb-25	03-Mar-25
DPR10090	DPR - WB Road Barrier	31	01-Feb-25	03-Mar-25
Rising Main		84	01-Feb-25	16-May-25
A229449960	Rising Main Steel Tower	14	01-Feb-25	17-Feb-25
A229449970	Rising Main Pillar Box	16	17-Feb-25	07-Mar-25
A229426391	DPR - E&M - Sump pit pumps and watermain installation	54	07-Mar-25	16-May-25
DPR - Final Works		153	30-Nov-24 A	01-May-25
GRC Panel		153	30-Nov-24 A	01-May-25
DPR10040	DPR - GRC Panel installation	153	30-Nov-24 A	01-May-25
05 Supporting Underground Structure - SUS		76	01-Feb-25	17-Apr-25
SUS - Tunnel Civil Works		76	01-Feb-25	17-Apr-25
Eastbound TCW		76	01-Feb-25	17-Apr-25
EB TCSS provision		24	01-Feb-25	24-Feb-25
SUS10070	SUS EB - TCSS provision	24	01-Feb-25	24-Feb-25
EB Road Barrier		45	04-Mar-25	17-Apr-25
SUS10060	SUS EB - Road Barrier	45	04-Mar-25	17-Apr-25*
Westbound TCW		76	01-Feb-25	17-Apr-25
WB TCSS provision		24	01-Feb-25	24-Feb-25
SUS10090	SUS WB - TCSS provision	24	01-Feb-25	24-Feb-25
WB Road Barrier		76	01-Feb-25	17-Apr-25
A229450170	Design issue	31	01-Feb-25	03-Mar-25
SUS10080	SUS WB - Road Barrier	45	04-Mar-25	17-Apr-25
06 Launching Shaft & C&C Tunnel - LSCC		133	12-Jan-25 A	24-May-25
LSCC - Structure works		104	12-Jan-25 A	25-Apr-25
Cut & Cover Tunnel		30	01-Feb-25	02-Mar-25
C&C OHVD		30	01-Feb-25	02-Mar-25
LSCC10235	C&C EB OHVD - Pour 2 (6m)	30	01-Feb-25	02-Mar-25
Launching Shaft		104	12-Jan-25 A	25-Apr-25
Late Stitch/C&C		84	01-Feb-25	25-Apr-25
LSCC10350	6. Late Stitch/C&C - Middle wall Base Slab to Road Slab	14	01-Feb-25	14-Feb-25
LSCC10360	7. Late Stitch/C&C - CPS Middle wall	14	15-Feb-25	28-Feb-25



◆ Milestones
Planned Bar
Actual Bar

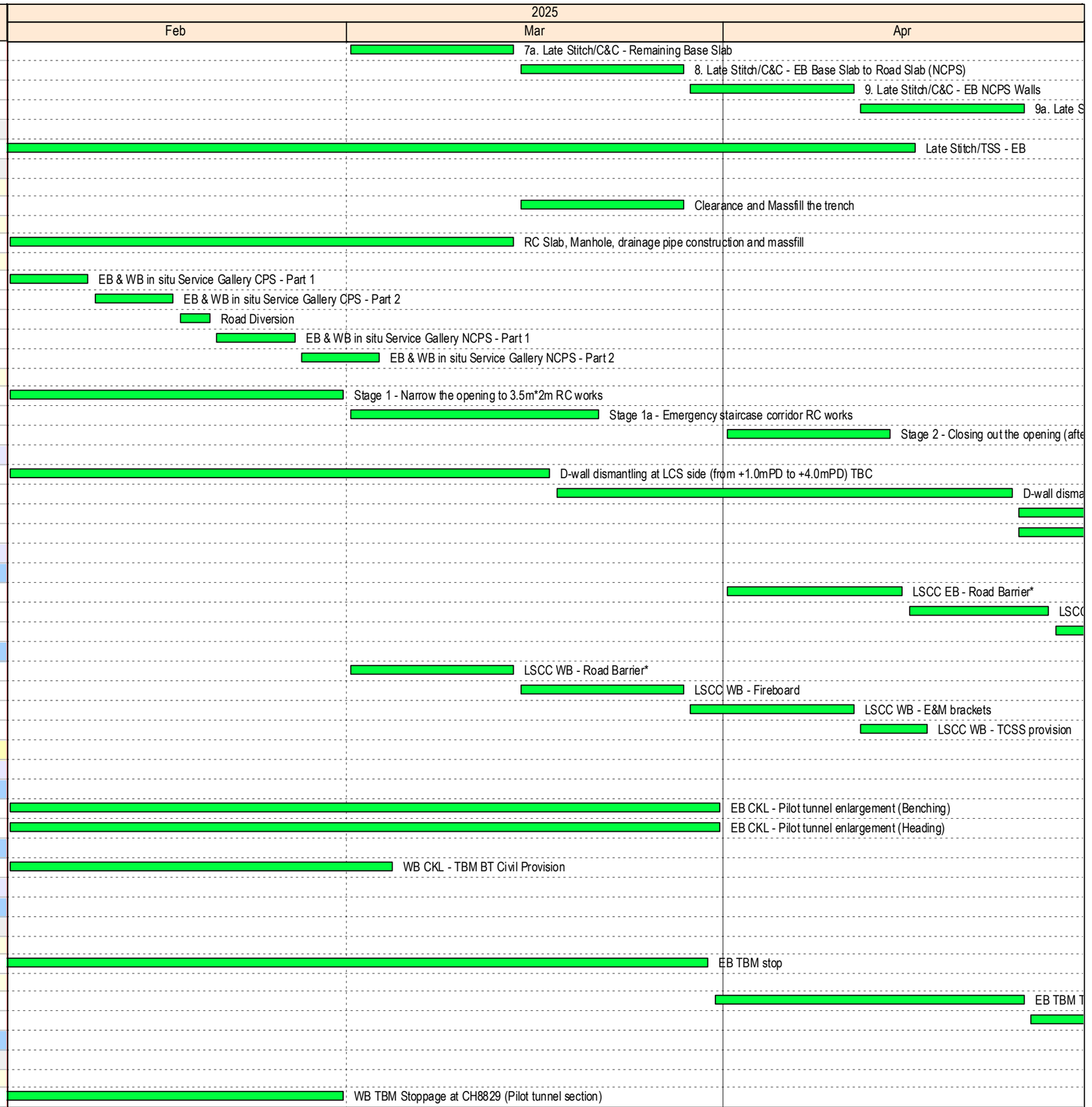
ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Feb25-Apr25)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
LSCC10361	7a. Late Stitch/C&C - Remaining Base Slab	14	01-Mar-25	14-Mar-25
LSCC10390	8. Late Stitch/C&C - EB Base Slab to Road Slab (NCPS)	14	15-Mar-25	28-Mar-25
LSCC10400	9. Late Stitch/C&C - EB NCPS Walls	14	29-Mar-25	11-Apr-25
LSCC10401	9a. Late Stitch/C&C - Remaining Base Slab	14	12-Apr-25	25-Apr-25
Headwall/TSS		95	12-Jan-25 A	16-Apr-25
LSCC10370	Late Stitch/TSS - EB	95	12-Jan-25 A	16-Apr-25
LS - Miscellaneous Structural Openings		73	01-Feb-25	14-Apr-25
01 Massfill at cable trench (subject to temporary cable relocation)		14	15-Mar-25	28-Mar-25
A229448630	Clearance and Massfill the trench	14	15-Mar-25	28-Mar-25
02 Road slab opening & Drainage works (subject to temporary cable relocation)		42	01-Feb-25	14-Mar-25
A229448640	RC Slab, Manhole, drainage pipe construction and massfill	42	01-Feb-25	14-Mar-25
04 In situ SG at LS/TSS connection (subject to temporary works to maintain tunn		31	01-Feb-25	03-Mar-25
A229448570	EB & WB in situ Service Gallery CPS - Part 1	7	01-Feb-25	07-Feb-25
A229448580	EB & WB in situ Service Gallery CPS - Part 2	7	08-Feb-25	14-Feb-25
A229448581	Road Diversion	3	15-Feb-25	17-Feb-25
A229448590	EB & WB in situ Service Gallery NCPS - Part 1	7	18-Feb-25	24-Feb-25
A229448600	EB & WB in situ Service Gallery NCPS - Part 2	7	25-Feb-25	03-Mar-25
05 RC works at MIMEP Opening for Service Galleries Works (subject to BYME &		73	01-Feb-25	14-Apr-25
A229448650	Stage 1 - Narrow the opening to 3.5m*2m RC works	28	01-Feb-25*	28-Feb-25
A229449020	Stage 1a - Emergency staircase corridor RC works	21	01-Mar-25	21-Mar-25
A229448660	Stage 2 - Closing out the opening (after SG installation completion	14	01-Apr-25*	14-Apr-25
LSCC - Backfilling & Dwall Dismantling		113	01-Feb-25	24-May-25
A229447780	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC	45	01-Feb-25	17-Mar-25
A229447781	D-wall dismantling (from +1.0mPD to +4.0mPD) ~3050 m3 TBC	38	18-Mar-25	24-Apr-25
A229447790	Stage 2b (i) Final Backfilling at LCS side with open cut and allow L	18	25-Apr-25	13-May-25
A229447800	Stage 2b (ii) Final Backfilling (from +1.0mPD to +4.0mPD) (total qu	30	25-Apr-25	24-May-25
LSCC - Tunnel Civil Works		70	01-Mar-25	09-May-25
Eastbound TCW		39	01-Apr-25	09-May-25
LSCC10050	LSCC EB - Road Barrier*	15	01-Apr-25*	15-Apr-25
LSCC10070	LSCC EB - Fireboard	12	16-Apr-25	27-Apr-25
LSCC10090	LSCC EB - E&M brackets	12	28-Apr-25	09-May-25
Westbound TCW		48	01-Mar-25	17-Apr-25
LSCC10040	LSCC WB - Road Barrier*	14	01-Mar-25*	14-Mar-25
LSCC10060	LSCC WB - Fireboard	14	15-Mar-25	28-Mar-25
LSCC10080	LSCC WB - E&M brackets	14	29-Mar-25	11-Apr-25
LSCC10100	LSCC WB - TCSS provision	6	12-Apr-25	17-Apr-25
07 Tunnel Sub-sea (TSS)		560	26-Nov-23 A	07-Jun-25
Tunnel Advance Excavation - D&Br from CKL		59	01-Feb-25	31-Mar-25
Eastbound Pilot Tunnel		59	01-Feb-25	31-Mar-25
CKL1130	EB CKL - Pilot tunnel enlargement (Benching)	59	01-Feb-25	31-Mar-25
CKL1140	EB CKL - Pilot tunnel enlargement (Heading)	59	01-Feb-25	31-Mar-25
Westbound Pre-Tunnel		32	01-Feb-25	04-Mar-25
CKL1100	WB CKL - TBM BT Civil Provision	32	01-Feb-25	04-Mar-25
Tunnel Excavation - TBM from Kai Tak		483	11-Feb-24 A	07-Jun-25
Eastbound (EB) - TBM S1282		483	11-Feb-24 A	07-Jun-25
TBM Tunnelling		483	11-Feb-24 A	07-Jun-25
CP21-26		414	11-Feb-24 A	30-Mar-25
EBTBM1250	EB TBM stop	414	11-Feb-24 A	30-Mar-25
CP26-30		69	31-Mar-25	07-Jun-25
EBTBM1260	EB TBM Tunnelling CH8632-8675 (Seawall section)	26	31-Mar-25	25-Apr-25
EBTBM1270	EB TBM Tunnelling CH8675-8748 (Seawall section)	43	26-Apr-25	07-Jun-25
Westbound (WB) - TBM S1281		166	11-Nov-24 A	25-Apr-25
TBM Tunneling		166	11-Nov-24 A	25-Apr-25
CP26-31		166	11-Nov-24 A	25-Apr-25
A229449562A	WB TBM Stoppage at CH8829 (Pilot tunnel section)	110	11-Nov-24 A	28-Feb-25



◆ Milestones
Planned Bar
Actual Bar

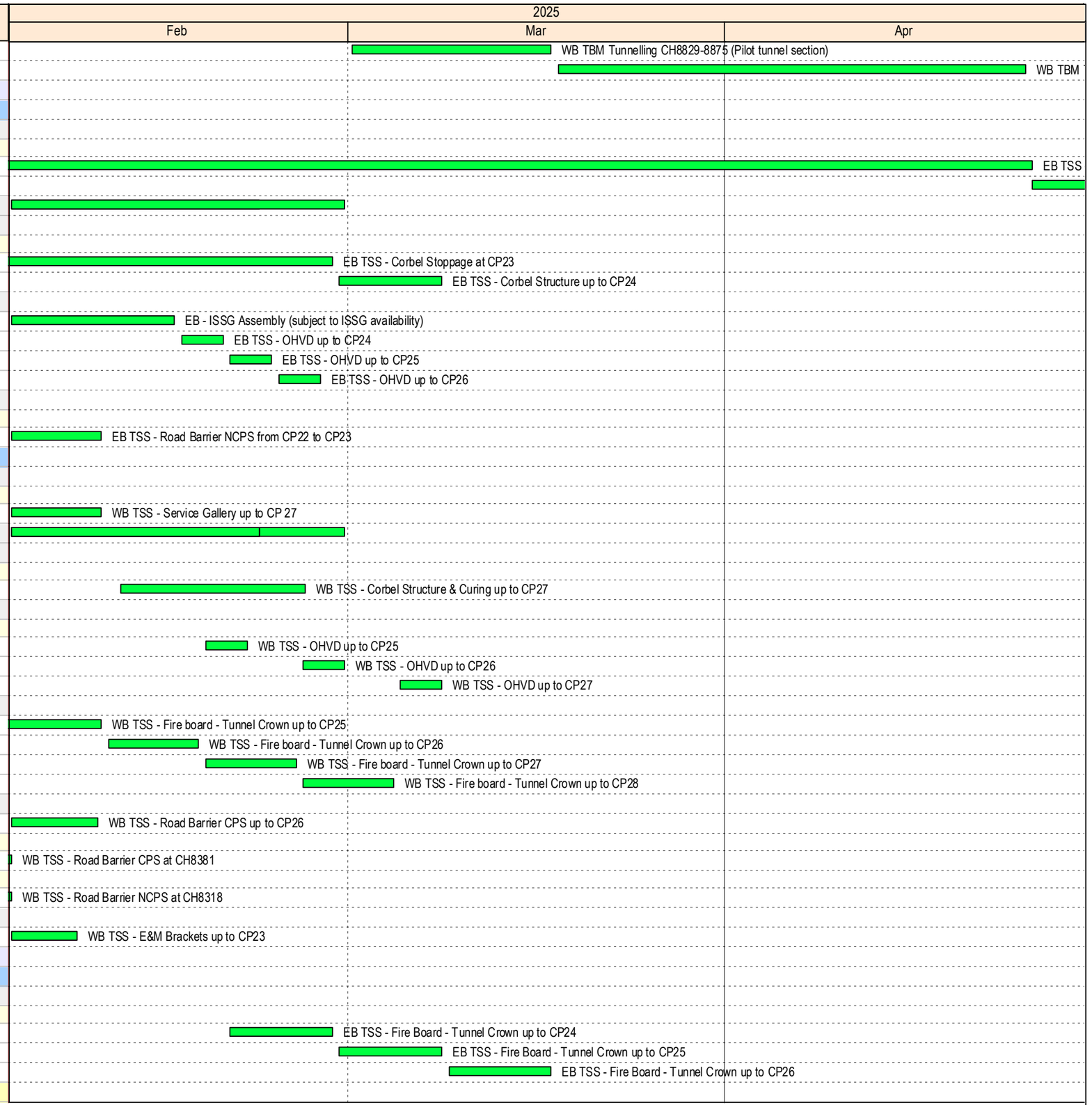
ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Feb25-Apr25)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
A229449562C	WB TBM Tunnelling CH8829-8875 (Pilot tunnel section)	17	01-Mar-25	17-Mar-25
A229449563	WB TBM Tunnelling CH8875-8975 (Pilot tunnel section)	39	18-Mar-25	25-Apr-25
Tunnel Civil Works before TBM breakthough		535	26-Nov-23 A	13-May-25
Eastbound (EB)		535	26-Nov-23 A	13-May-25
Service Gallery		335	08-Mar-24 A	13-May-25
CP21-26		335	08-Mar-24 A	13-May-25
A229446190	EB TSS - ISIG Stoppage at CH8446	322	08-Mar-24 A	26-Apr-25
A229428552	EB TSS - Service Gallery up to CP 25	13	26-Apr-25	13-May-25
Below Road Level Installation		28	01-Feb-25	28-Feb-25
Corbel		469	26-Nov-23 A	08-Mar-25
CP21-26		469	26-Nov-23 A	08-Mar-25
A229415982	EB TSS - Corbel Stoppage at CP23	460	26-Nov-23 A	27-Feb-25
A229415952	EB TSS - Corbel Structure up to CP24	8	28-Feb-25	08-Mar-25
OHVD		26	01-Feb-25	26-Feb-25
TC305	EB - ISSG Assembly (subject to ISSG availability)	14	01-Feb-25*	14-Feb-25
TC320	EB TSS - OHVD up to CP24	4	15-Feb-25	18-Feb-25
TC330	EB TSS - OHVD up to CP25	4	19-Feb-25	22-Feb-25
TC340	EB TSS - OHVD up to CP26	4	23-Feb-25	26-Feb-25
Road Barrier		8	01-Feb-25	08-Feb-25
NCPS		8	01-Feb-25	08-Feb-25
TC10150	EB TSS - Road Barrier NCPS from CP22 to CP23	8	01-Feb-25	08-Feb-25
Westbound (WB)		300	13-May-24 A	08-Mar-25
Service Gallery		8	01-Feb-25	08-Feb-25
CP26-31		8	01-Feb-25	08-Feb-25
A229424680	WB TSS - Service Gallery up to CP 27	8	01-Feb-25	08-Feb-25
Below Road Level Installation		28	01-Feb-25	28-Feb-25
Corbel		14	10-Feb-25	25-Feb-25
CP21-26		14	10-Feb-25	25-Feb-25
A229415242	WB TSS - Corbel Structure & Curing up to CP27	14	10-Feb-25	25-Feb-25
OHVD		20	17-Feb-25	08-Mar-25
CP26-30		20	17-Feb-25	08-Mar-25
TC3120	WB TSS - OHVD up to CP25	4	17-Feb-25	20-Feb-25
TC3130	WB TSS - OHVD up to CP26	4	25-Feb-25	28-Feb-25
TC3140	WB TSS - OHVD up to CP27	4	05-Mar-25	08-Mar-25
Fire Board - Tunnel Crown		185	01-Sep-24 A	04-Mar-25
D12535	WB TSS - Fire board - Tunnel Crown up to CP25	161	01-Sep-24 A	08-Feb-25
D12545	WB TSS - Fire board - Tunnel Crown up to CP26	8	09-Feb-25	16-Feb-25
D12555	WB TSS - Fire board - Tunnel Crown up to CP27	8	17-Feb-25	24-Feb-25
D12565	WB TSS - Fire board - Tunnel Crown up to CP28	8	25-Feb-25	04-Mar-25
Road Barrier		271	13-May-24 A	08-Feb-25
A229447850	WB TSS - Road Barrier CPS up to CP26	6	01-Feb-25	08-Feb-25
CPS		264	13-May-24 A	01-Feb-25
TC10800	WB TSS - Road Barrier CPS at CH8381	264	13-May-24 A	01-Feb-25
NCPS		257	20-May-24 A	01-Feb-25
TC11000	WB TSS - Road Barrier NCPS at CH8318	257	20-May-24 A	01-Feb-25
E&M Brackets		6	01-Feb-25	06-Feb-25
TC11060	WB TSS - E&M Brackets up to CP23	6	01-Feb-25	06-Feb-25
Tunnel Civil Works after TBM breakthough		27	19-Feb-25	17-Mar-25
Eastbound (EB)		27	19-Feb-25	17-Mar-25
Fire Board - Tunnel Crown with deletion up to Ch8850		27	19-Feb-25	17-Mar-25
CP21-26		27	19-Feb-25	17-Mar-25
TC560	EB TSS - Fire Board - Tunnel Crown up to CP24	9	19-Feb-25	27-Feb-25
TC570	EB TSS - Fire Board - Tunnel Crown up to CP25	9	28-Feb-25	08-Mar-25
TC580	EB TSS - Fire Board - Tunnel Crown up to CP26	9	09-Mar-25	17-Mar-25
08 CKL Tunnel		179	25-Nov-24 A	22-May-25



◆ Milestones
Planned Bar
Actual Bar

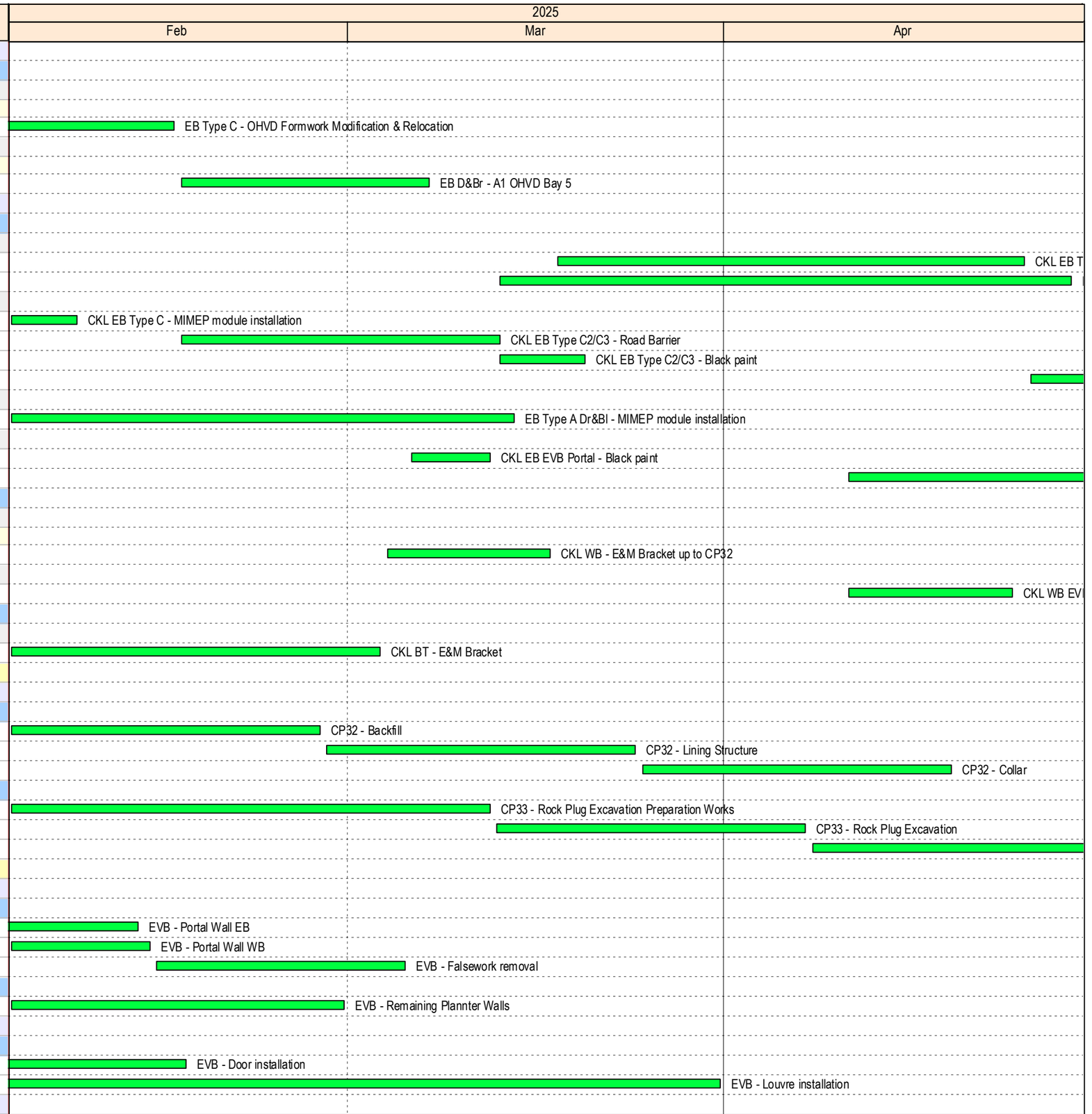
ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Feb25-Apr25)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
Tunnel Structure before TBM breakthrough		103	25-Nov-24 A	07-Mar-25
Eastbound (EB)		103	25-Nov-24 A	07-Mar-25
EB Type C		65	25-Nov-24 A	14-Feb-25
OHVD		65	25-Nov-24 A	14-Feb-25
A2050	EB Type C - OHVD Formwork Modification & Relocation	65	25-Nov-24 A	14-Feb-25
EB Type A D&Br		21	15-Feb-25	07-Mar-25
OHVD		21	15-Feb-25	07-Mar-25
A1800	EB D&Br - A1 OHVD Bay 5	21	15-Feb-25	07-Mar-25
Tunnel Civil Works before TBM breakthrough		111	01-Feb-25	22-May-25
Eastbound (EB)		111	01-Feb-25	22-May-25
EB Type A		47	13-Mar-25	29-Apr-25
A8980	CKL EB Type A - E&M Bracket	39	18-Mar-25	25-Apr-25
A229444530	EB - Type A - Road Barrier	36	13-Mar-25	29-Apr-25
EB Type C		111	01-Feb-25	22-May-25
A229450140	CKL EB Type C - MIMEP module installation	6	01-Feb-25	06-Feb-25
A229444520	CKL EB Type C2/C3 - Road Barrier	27	15-Feb-25	13-Mar-25
A229450120	CKL EB Type C2/C3 - Black paint	7	13-Mar-25	20-Mar-25
A229450110	CKL EB Type C2/C3 - E&M Bracket	27	26-Apr-25	22-May-25
EB Type A D&Br		36	01-Feb-25	14-Mar-25
A229444700	EB Type A Dr&Bl - MIMEP module installation	36	01-Feb-25	14-Mar-25
EB EVB Portal		57	06-Mar-25	01-May-25
A229450160	CKL EB EVB Portal - Black paint	7	06-Mar-25	12-Mar-25
A229450150	CKL EB EVB Portal - Road Barrier	21	11-Apr-25	01-May-25
Westbound (WB)		52	04-Mar-25	24-Apr-25
WB Type A		14	04-Mar-25	17-Mar-25
E&M Brackets		14	04-Mar-25	17-Mar-25
A229450100	CKL WB - E&M Bracket up to CP32	14	04-Mar-25	17-Mar-25
WB EVB Portal		14	11-Apr-25	24-Apr-25
A229450180	CKL WB EVB Portal - Road Barrier	14	11-Apr-25	24-Apr-25
Branch Tunnel (S01)		31	01-Feb-25	03-Mar-25
E&M Brackets		31	01-Feb-25	03-Mar-25
A229450090	CKL BT - E&M Bracket	31	01-Feb-25	03-Mar-25
09 Cross Passages		133	01-Feb-25	13-Jun-25
Cross Passages @ CKL Tunnel (CP30 to CP33)		133	01-Feb-25	13-Jun-25
CP32		78	01-Feb-25	19-Apr-25
A229438446	CP32 - Backfill	26	01-Feb-25	26-Feb-25
A229438436	CP32 - Lining Structure	26	27-Feb-25	24-Mar-25
A229422590	CP32 - Collar	26	25-Mar-25	19-Apr-25
CP33		133	01-Feb-25	13-Jun-25
A1900	CP33 - Rock Plug Excavation Preparation Works	40	01-Feb-25	12-Mar-25
A1710	CP33 - Rock Plug Excavation	26	13-Mar-25	07-Apr-25
A1720	CP33 - CP33/Type E Junction	67	08-Apr-25	13-Jun-25
10 East Ventilation Building - EVB		413	15-Mar-24 A	01-May-25
Structure Works		103	23-Nov-24 A	05-Mar-25
LG2/F Walls & LG1/F Slab		103	23-Nov-24 A	05-Mar-25
EVB1320	EVB - Portal Wall EB	81	23-Nov-24 A	11-Feb-25
EVB1715	EVB - Portal Wall WB	12	01-Feb-25	12-Feb-25
EVB1800	EVB - Falsework removal	21	13-Feb-25	05-Mar-25
R/F Walls & UR/F Slab		28	01-Feb-25	28-Feb-25
EVB1520	EVB - Remaining Plannter Walls	28	01-Feb-25	28-Feb-25
ABWF Works		142	10-Nov-24 A	31-Mar-25
ABWF - Door & Louvre installation		142	10-Nov-24 A	31-Mar-25
EVB1510	EVB - Door installation	33	14-Jan-25 A	15-Feb-25
EVB1530	EVB - Louvre installation	142	10-Nov-24 A	31-Mar-25
E&M Works (by BYME)		306	15-Mar-24 A	26-Mar-25



◆ Milestones
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ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Feb25-Apr25)

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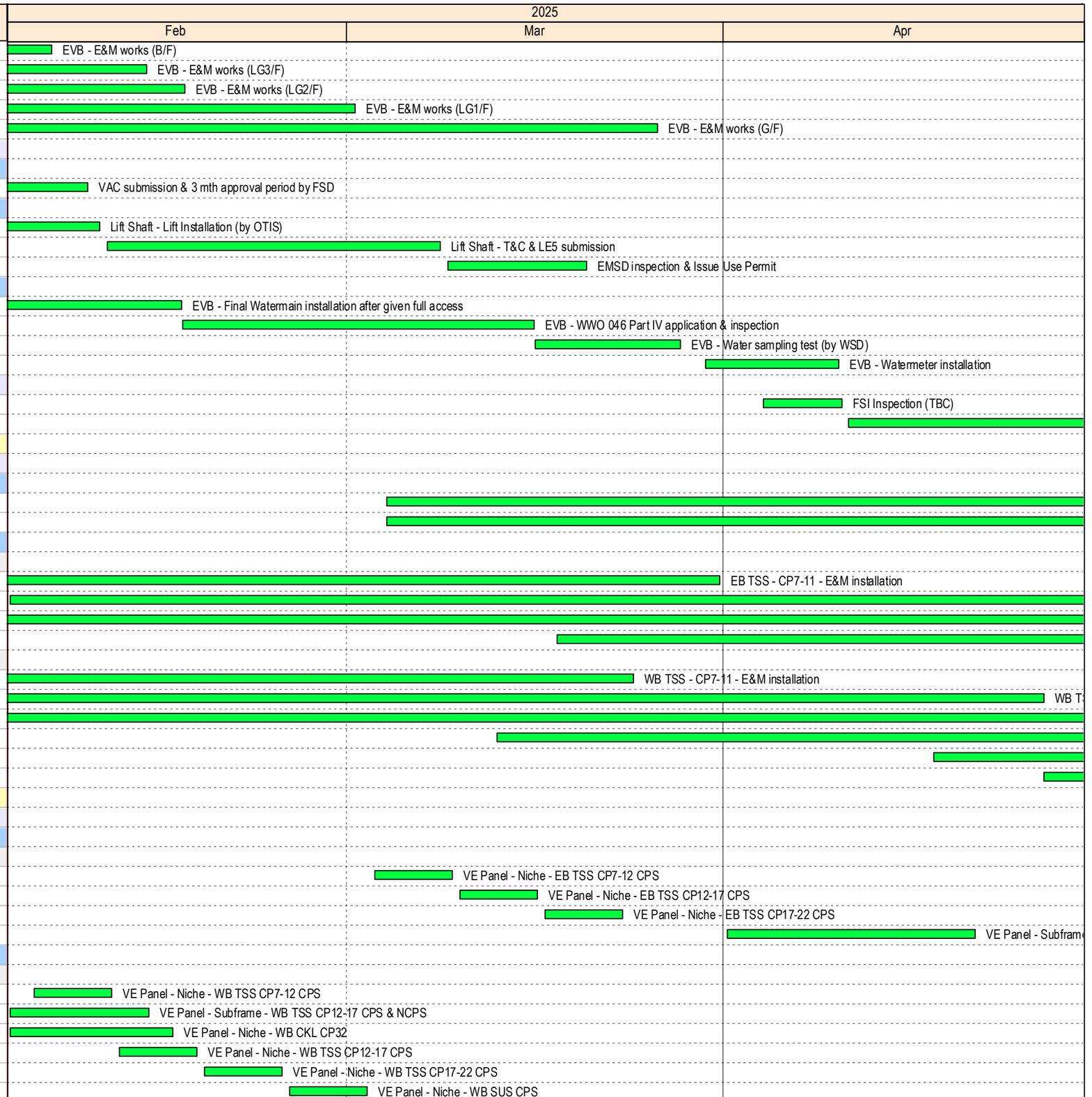
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
EVB1210	EVB - E&M works (B/F)	263	15-Mar-24 A	04-Feb-25
EVB1300	EVB - E&M works (LG3/F)	238	26-Apr-24 A	12-Feb-25
EVB1360	EVB - E&M works (LG2/F)	222	21-May-24 A	15-Feb-25
EVB1440	EVB - E&M works (LG1/F)	193	10-Jul-24 A	01-Mar-25
EVB1500	EVB - E&M works (G/F)	190	07-Aug-24 A	26-Mar-25
Statutory Procedures		211	11-Sep-24 A	10-Apr-25
GBP & VAC submission		46	24-Dec-24 A	07-Feb-25
EVB1580	VAC submission & 3 mth approval period by FSD	46	24-Dec-24 A	07-Feb-25
Lift Installation		191	11-Sep-24 A	20-Mar-25
EVB1370	Lift Shaft - Lift Installation (by OTIS)	151	11-Sep-24 A	08-Feb-25
EVB1430	Lift Shaft - T&C & LE5 submission	28	09-Feb-25	08-Mar-25
EVB1450	EMSD inspection & Issue Use Permit	12	09-Mar-25	20-Mar-25
FS Water Supply		100	31-Dec-24 A	10-Apr-25
EVB1410	EVB - Final Watermain installation after given full access	46	31-Dec-24 A	15-Feb-25
EVB1460	EVB - WWO 046 Part IV application & inspection	29	15-Feb-25	16-Mar-25
EVB1470	EVB - Water sampling test (by WSD)	12	16-Mar-25	28-Mar-25
EVB1490	EVB - Watermeter installation	11	30-Mar-25	10-Apr-25
Final T&C and FSI Inspection		28	04-Apr-25	01-May-25
EVB1560	FSI Inspection (TBC)	7	04-Apr-25*	10-Apr-25
EVB1600	Waiting period	21	11-Apr-25	01-May-25
11 Tunnel E&M Installation		348	12-Aug-24 A	26-Jul-25
E&M - Cabling works		348	12-Aug-24 A	26-Jul-25
AGR & DPR		120	04-Mar-25	01-Jul-25
DPR10060	DPR - EB E&M Installation	120	04-Mar-25	01-Jul-25
DPR10080	DPR - WB E&M Installation	120	04-Mar-25	01-Jul-25
SUS to CKL		348	12-Aug-24 A	26-Jul-25
Eastbound		269	20-Sep-24 A	15-Jun-25
E&MC1050	EB TSS - CP7-11 - E&M installation	193	20-Sep-24 A	31-Mar-25
E&MC1080	EB TSS - CP11-16 E&M installation	90	01-Feb-25*	01-May-25
E&MC1010	EB SUS - E&M Installation	212	22-Oct-24 A	21-May-25
E&MC1100	EB TSS - CP16-22 E&M installation	90	18-Mar-25	15-Jun-25
Westbound		348	12-Aug-24 A	26-Jul-25
E&MC1041	WB TSS - CP7-11 - E&M installation	225	12-Aug-24 A	24-Mar-25
E&MC1060	WB TSS - CP11-16 E&M installation	212	27-Sep-24 A	27-Apr-25
E&MC1030	WB SUS - E&M Installation	220	25-Oct-24 A	01-Jun-25
E&MC1070	WB TSS - CP16-21 E&M installation	90	13-Mar-25	11-Jun-25
E&MC1040	WB LSCC - E&M Installation	90	18-Apr-25	16-Jul-25
E&MC1090	WB TSS - CP21-24 E&M installation	90	27-Apr-25	26-Jul-25
14 Projectwide Final Works		90	01-Feb-25	01-May-25
Tunnel Cladding (VE Panel)		90	01-Feb-25	01-May-25
Eastbound		50	03-Mar-25	21-Apr-25
Typical Subframe & Niche		50	03-Mar-25	21-Apr-25
VE10431	VE Panel - Niche - EB TSS CP7-12 CPS	7	03-Mar-25*	09-Mar-25
VE10441	VE Panel - Niche - EB TSS CP12-17 CPS	7	10-Mar-25*	16-Mar-25
VE10451	VE Panel - Niche - EB TSS CP17-22 CPS	7	17-Mar-25*	23-Mar-25
VE10260	VE Panel - Subframe - EB TSS CP7-12 CPS & NCPS	21	01-Apr-25*	21-Apr-25
Westbound		90	01-Feb-25	01-May-25
Typical Subframe & Niche		90	01-Feb-25	01-May-25
VE10401	VE Panel - Niche - WB TSS CP7-12 CPS	7	03-Feb-25*	09-Feb-25
VE10070	VE Panel - Subframe - WB TSS CP12-17 CPS & NCPS	12	01-Feb-25*	12-Feb-25
VE10381	VE Panel - Niche - WB CKL CP32	14	01-Feb-25	14-Feb-25
VE10391	VE Panel - Niche - WB TSS CP12-17 CPS	7	10-Feb-25*	16-Feb-25
VE10411	VE Panel - Niche - WB TSS CP17-22 CPS	7	17-Feb-25	23-Feb-25
VE10421	VE Panel - Niche - WB SUS CPS	7	24-Feb-25	02-Mar-25



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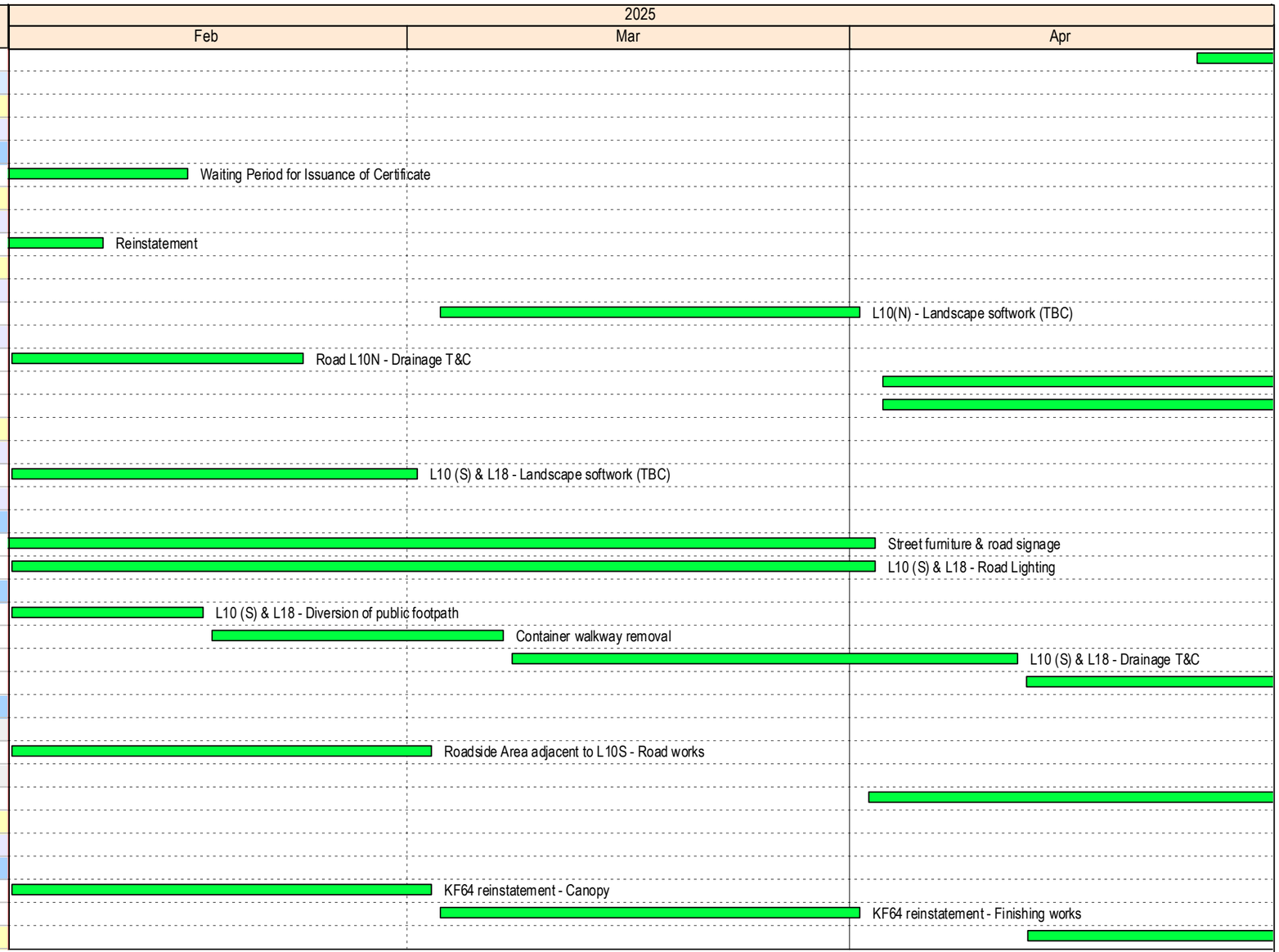
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
VE10461	VE Panel - Niche - WB CKL EVB Portal	7	25-Apr-25	01-May-25
Infrastructure Works		200	15-Nov-24 A	02-Jun-25
05 Common Utility Enclosure (CUE) (KD-39)		67	21-Nov-24 A	13-Feb-25
VO - Plantroom for CUE Sprinkler System		67	21-Nov-24 A	13-Feb-25
Overall T&C and FSI		67	21-Nov-24 A	13-Feb-25
CUE10551	Waiting Period for Issuance of Certificate	67	21-Nov-24 A	13-Feb-25
06 Road S20		78	22-Nov-24 A	07-Feb-25
VO - KFR Watermain modification		78	22-Nov-24 A	07-Feb-25
A229449010	Reinstatement	78	22-Nov-24 A	07-Feb-25
07 Road L10(N)		122	01-Feb-25	02-Jun-25
L10(N) Landscape (KD-26)		26	03-Mar-25	01-Apr-25
LN10110	L10(N) - Landscape softwork (TBC)	26	03-Mar-25	01-Apr-25
L10(N) Remaining works		122	01-Feb-25	02-Jun-25
LN10100	Road L10N - Drainage T&C	21	01-Feb-25	21-Feb-25
LN10140	Road L10N - Road Lighting	60	03-Apr-25	01-Jun-25
LN10130	Road L10N - Street furniture & road signage	61	03-Apr-25	02-Jun-25
08 Road L10(S) & L18		169	15-Nov-24 A	02-May-25
L10(S) & L18 Landscape (KD-24)		25	01-Feb-25	01-Mar-25
A229445710	L10 (S) & L18 - Landscape softwork (TBC)	25	01-Feb-25*	01-Mar-25
L10(S) & L18 Remaining works		169	15-Nov-24 A	02-May-25
Miscellaneous road works		139	15-Nov-24 A	02-Apr-25
A229448740	Street furniture & road signage	139	15-Nov-24 A	02-Apr-25
A229448760	L10 (S) & L18 - Road Lighting	61	01-Feb-25*	02-Apr-25
Preparation for road opening		91	01-Feb-25	02-May-25
A229448711	L10 (S) & L18 - Diversion of public footpath	14	01-Feb-25	14-Feb-25
A229448720	Container walkway removal	21	15-Feb-25	07-Mar-25
A229448721	L10 (S) & L18 - Drainage T&C	36	08-Mar-25	12-Apr-25
A229448730	L10 (S) & L18 - Final Paving works & Road Marking	20	13-Apr-25	02-May-25
Roadside Area adjacent to L10(S)		90	01-Feb-25	01-May-25
Roadworks		30	01-Feb-25	02-Mar-25
A229448810	Roadside Area adjacent to L10S - Road works	30	01-Feb-25*	02-Mar-25
Landscape		30	02-Apr-25	01-May-25
A229448820	Roadside Area adjacent to L10S - Landscape (TBC)	30	02-Apr-25	01-May-25
09 Footbridge FB-02 (KD-17 achieved)		60	01-Feb-25	01-Apr-25
FB-02 Remaining works		60	01-Feb-25	01-Apr-25
KF64 reinstatement		60	01-Feb-25	01-Apr-25
FB211120	KF64 reinstatement - Canopy	30	01-Feb-25*	02-Mar-25
FB211130	KF64 reinstatement - Finishing works	30	03-Mar-25	01-Apr-25
10 Lam Chak Street / Kai Hing Road Modification		30	13-Apr-25	13-May-25



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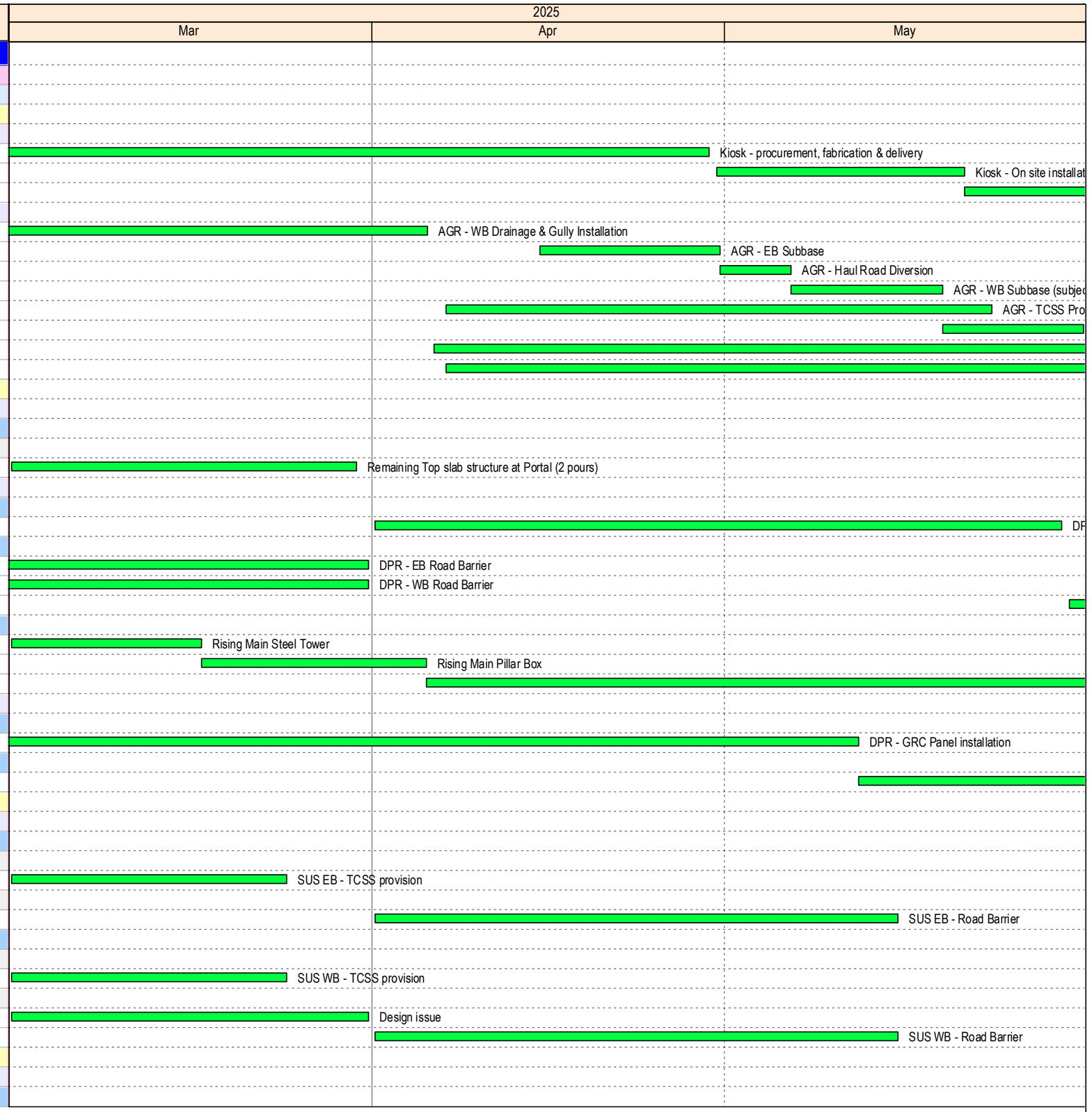
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
HKT2 Pre-P75 Programme DD 01Mar25		636	26-Nov-23 A	23-Aug-25
Construction		636	26-Nov-23 A	23-Aug-25
Trunk Road T2		636	26-Nov-23 A	23-Aug-25
02 At-Grade Road - AGR		360	15-Jun-24 A	10-Jun-25
Kiosk		164	15-Nov-24 A	10-Jun-25
AGR1030	Kiosk - procurement, fabrication & delivery	132	15-Nov-24 A	29-Apr-25
AGR1060	Kiosk - On site installation	16	30-Apr-25	21-May-25
AGR1070	Kiosk - Finishing works	16	21-May-25	10-Jun-25
AGR - Road & Drainage works		360	15-Jun-24 A	09-Jun-25
AGR1020	AGR - WB Drainage & Gully Installation	242	15-Jun-24 A	05-Apr-25
AGR1120	AGR - EB Subbase	11	15-Apr-25*	30-Apr-25
AGR1130	AGR - Haul Road Diversion	6	30-Apr-25	06-May-25
AGR1140	AGR - WB Subbase (subject to CKR interface and TBM haul road	11	06-May-25	19-May-25
AGR1021	AGR - TCSS Provision CH5860-5962	36	07-Apr-25	23-May-25
AGR1150	AGR - Central Barrier (subject to CKR interface and TBM haul roa	12	19-May-25	31-May-25
AGR1050	AGR - WB Road Side Barrier	60	06-Apr-25	04-Jun-25
AGR1040	AGR - EB Drainage & Gully Installation	49	07-Apr-25	09-Jun-25
03 Depressed Road - DPR		204	30-Nov-24 A	21-Jun-25
DPR - Structure Works		30	01-Mar-25	30-Mar-25
DPR - Remaining Structure		30	01-Mar-25	30-Mar-25
MJ		30	01-Mar-25	30-Mar-25
A229450060	Remaining Top slab structure at Portal (2 pours)	30	01-Mar-25	30-Mar-25
DPR - Road Works		169	04-Jan-25 A	21-Jun-25
Sign Gantry		59	01-Apr-25 A	29-May-25
DPR10030	DPR - Sign Gantry & Civil Provision	59	01-Apr-25 A	29-May-25
Street Furniture		169	04-Jan-25 A	21-Jun-25
DPR10020	DPR - EB Road Barrier	38	22-Feb-25 A	31-Mar-25
DPR10090	DPR - WB Road Barrier	87	04-Jan-25 A	31-Mar-25
A229426251	Central Island	19	30-May-25	21-Jun-25
Rising Main		84	01-Mar-25	14-Jun-25
A229449960	Rising Main Steel Tower	14	01-Mar-25	17-Mar-25
A229449970	Rising Main Pillar Box	16	17-Mar-25	05-Apr-25
A229426391	DPR - E&M - Sump pit pumps and watermain installation	54	05-Apr-25	14-Jun-25
DPR - Final Works		184	30-Nov-24 A	02-Jun-25
GRC Panel		163	30-Nov-24 A	12-May-25
DPR10040	DPR - GRC Panel installation	163	30-Nov-24 A	12-May-25
Aluminium side cladding @ Portal		21	12-May-25	02-Jun-25
DPR10050	DPR - Remaining Aluminium side cladding @ Portal	21	12-May-25	02-Jun-25
05 Supporting Underground Structure - SUS		76	01-Mar-25	15-May-25
SUS - Tunnel Civil Works		76	01-Mar-25	15-May-25
Eastbound TCW		76	01-Mar-25	15-May-25
EB TCSS provision		24	01-Mar-25	24-Mar-25
SUS10070	SUS EB - TCSS provision	24	01-Mar-25	24-Mar-25
EB Road Barrier		45	01-Apr-25	15-May-25
SUS10060	SUS EB - Road Barrier	45	01-Apr-25	15-May-25*
Westbound TCW		76	01-Mar-25	15-May-25
WB TCSS provision		24	01-Mar-25	24-Mar-25
SUS10090	SUS WB - TCSS provision	24	01-Mar-25	24-Mar-25
WB Road Barrier		76	01-Mar-25	15-May-25
A229450170	Design issue	31	01-Mar-25	31-Mar-25
SUS10080	SUS WB - Road Barrier	45	01-Apr-25	15-May-25
06 Launching Shaft & C&C Tunnel - LSCC		161	12-Jan-25 A	21-Jun-25
LSCC - Structure works		132	12-Jan-25 A	23-May-25
Cut & Cover Tunnel		31	28-Feb-25 A	30-Mar-25



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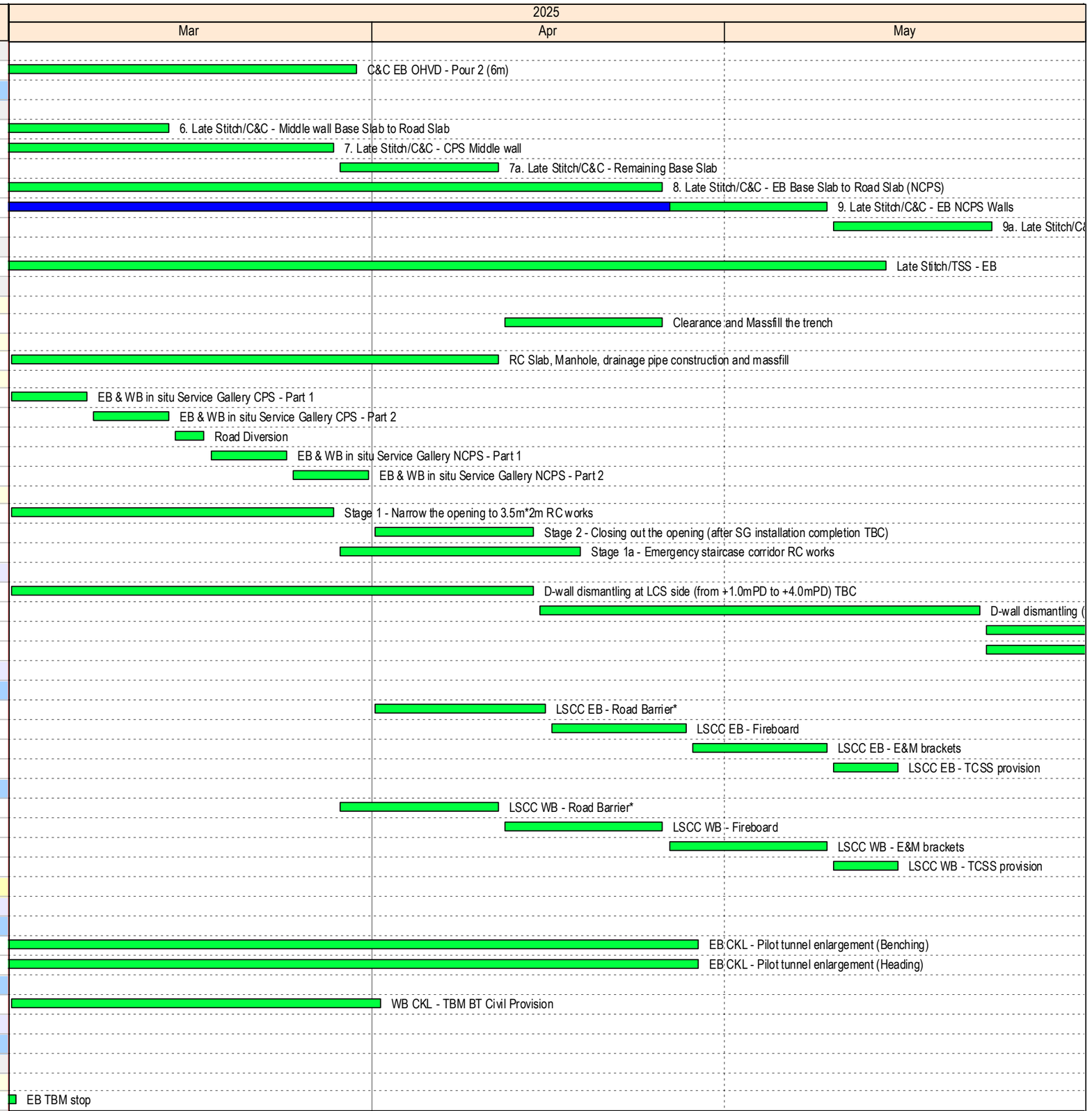
Activity ID	Activity Name	Dur	Start	Finish
C&C OHVD		31	28-Feb-25 A	30-Mar-25
LSCC10235	C&C EB OHVD - Pour 2 (6m)	31	28-Feb-25 A	30-Mar-25
Launching Shaft		132	12-Jan-25 A	23-May-25
Late Stitch/C&C		126	18-Jan-25 A	23-May-25
LSCC10350	6. Late Stitch/C&C - Middle wall Base Slab to Road Slab	56	18-Jan-25 A	14-Mar-25
LSCC10360	7. Late Stitch/C&C - CPS Middle wall	56	01-Feb-25 A	28-Mar-25
LSCC10361	7a. Late Stitch/C&C - Remaining Base Slab	14	29-Mar-25	11-Apr-25
LSCC10390	8. Late Stitch/C&C - EB Base Slab to Road Slab (NCPS)	63	22-Feb-25 A	25-Apr-25
LSCC10400	9. Late Stitch/C&C - EB NCPS Walls	70	01-Mar-25 A	09-May-25
LSCC10401	9a. Late Stitch/C&C - Remaining Base Slab	14	10-May-25	23-May-25
Headwall/TSS		123	12-Jan-25 A	14-May-25
LSCC10370	Late Stitch/TSS - EB	123	12-Jan-25 A	14-May-25
LS - Miscellaneous Structural Openings		56	01-Mar-25	25-Apr-25
01 Massfill at cable trench (subject to temporary cable relocation)		14	12-Apr-25	25-Apr-25
A229448630	Clearance and Massfill the trench	14	12-Apr-25	25-Apr-25
02 Road slab opening & Drainage works (subject to temporary cable relocation)		42	01-Mar-25	11-Apr-25
A229448640	RC Slab, Manhole, drainage pipe construction and massfill	42	01-Mar-25	11-Apr-25
04 In situ SG at LS/TSS connection (subject to temporary works to maintain tunn		31	01-Mar-25	31-Mar-25
A229448570	EB & WB in situ Service Gallery CPS - Part 1	7	01-Mar-25	07-Mar-25
A229448580	EB & WB in situ Service Gallery CPS - Part 2	7	08-Mar-25	14-Mar-25
A229448581	Road Diversion	3	15-Mar-25	17-Mar-25
A229448590	EB & WB in situ Service Gallery NCPS - Part 1	7	18-Mar-25	24-Mar-25
A229448600	EB & WB in situ Service Gallery NCPS - Part 2	7	25-Mar-25	31-Mar-25
05 RC works at MIMEP Opening for Service Galleries Works (subject to BYME &		49	01-Mar-25	18-Apr-25
A229448650	Stage 1 - Narrow the opening to 3.5m*2m RC works	28	01-Mar-25*	28-Mar-25
A229448660	Stage 2 - Closing out the opening (after SG installation completion	14	01-Apr-25*	14-Apr-25
A229449020	Stage 1a - Emergency staircase corridor RC works	21	29-Mar-25	18-Apr-25
LSCC - Backfilling & Dwall Dismantling		113	01-Mar-25	21-Jun-25
A229447780	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC	45	01-Mar-25	14-Apr-25
A229447781	D-wall dismantling (from +1.0mPD to +4.0mPD) ~3050 m3 TBC	38	15-Apr-25	22-May-25
A229447790	Stage 2b (i) Final Backfilling at LCS side with open cut and allow L	18	23-May-25	10-Jun-25
A229447800	Stage 2b (ii) Final Backfilling (from +1.0mPD to +4.0mPD) (total qu	30	23-May-25	21-Jun-25
LSCC - Tunnel Civil Works		48	29-Mar-25	15-May-25
Eastbound TCW		45	01-Apr-25	15-May-25
LSCC10050	LSCC EB - Road Barrier*	15	01-Apr-25*	15-Apr-25
LSCC10070	LSCC EB - Fireboard	12	16-Apr-25	27-Apr-25
LSCC10090	LSCC EB - E&M brackets	12	28-Apr-25	09-May-25
LSCC10110	LSCC EB - TCSS provision	6	10-May-25	15-May-25
Westbound TCW		48	29-Mar-25	15-May-25
LSCC10040	LSCC WB - Road Barrier*	14	29-Mar-25*	11-Apr-25
LSCC10060	LSCC WB - Fireboard	14	12-Apr-25	25-Apr-25
LSCC10080	LSCC WB - E&M brackets	14	26-Apr-25	09-May-25
LSCC10100	LSCC WB - TCSS provision	6	10-May-25	15-May-25
07 Tunnel Sub-sea (TSS)		563	26-Nov-23 A	10-Jun-25
Tunnel Advance Excavation - D&Br from CKL		257	15-Aug-24 A	28-Apr-25
Eastbound Pilot Tunnel		257	15-Aug-24 A	28-Apr-25
CKL1130	EB CKL - Pilot tunnel enlargement (Benching)	257	15-Aug-24 A	28-Apr-25
CKL1140	EB CKL - Pilot tunnel enlargement (Heading)	257	15-Aug-24 A	28-Apr-25
Westbound Pre-Tunnel		32	01-Mar-25	01-Apr-25
CKL1100	WB CKL - TBM BT Civil Provision	32	01-Mar-25	01-Apr-25
Tunnel Excavation - TBM from Kai Tak		486	11-Feb-24 A	10-Jun-25
Eastbound (EB) - TBM S1282		486	11-Feb-24 A	10-Jun-25
TBM Tunnelling		486	11-Feb-24 A	10-Jun-25
CP21-26		385	11-Feb-24 A	01-Mar-25
EBTBM1250	EB TBM stop	385	11-Feb-24 A	01-Mar-25



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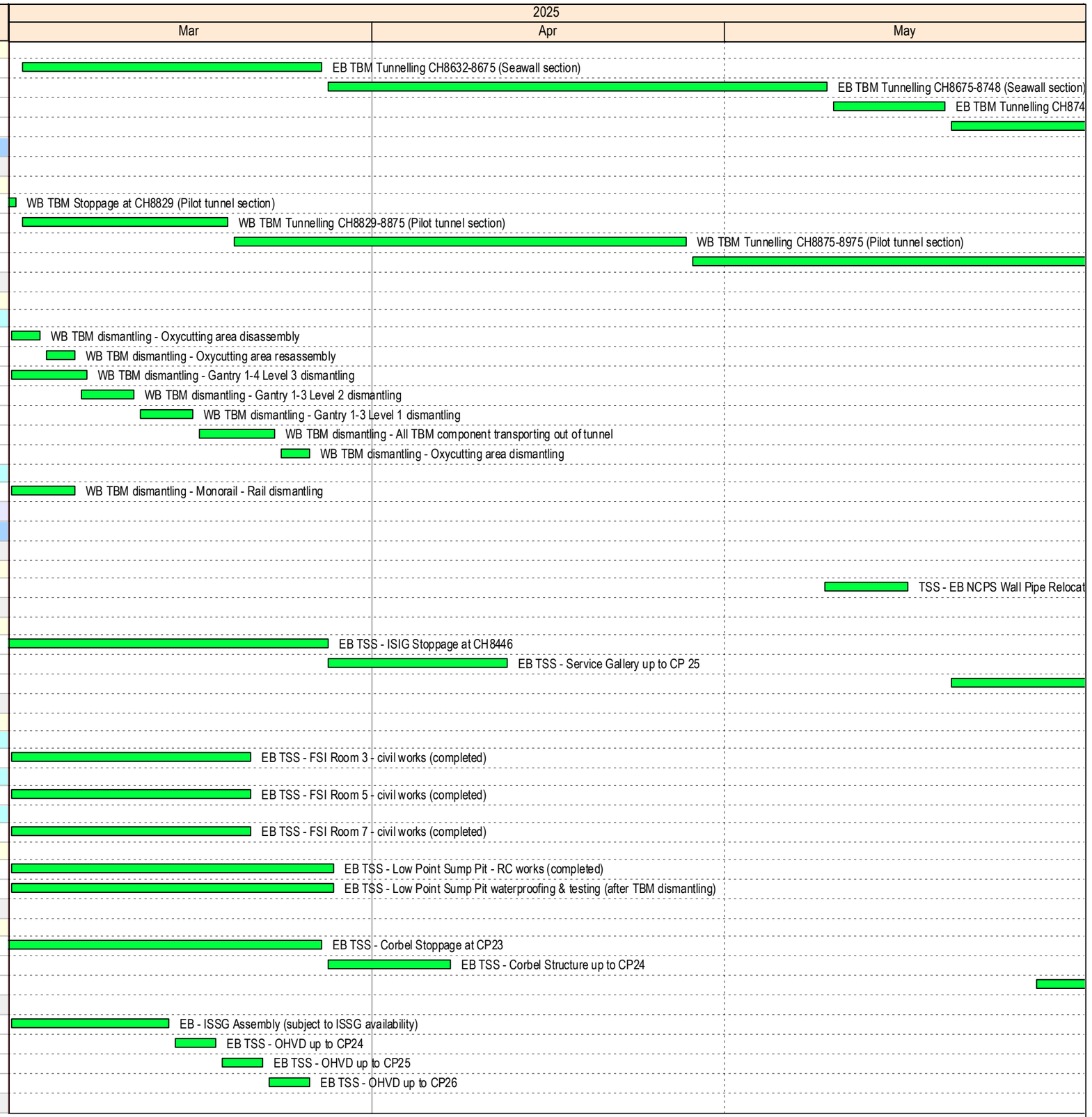
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
CP26-30		101	02-Mar-25	10-Jun-25
EBTBM1260	EB TBM Tunnelling CH8632-8675 (Seawall section)	26	02-Mar-25	27-Mar-25
EBTBM1270	EB TBM Tunnelling CH8675-8748 (Seawall section)	43	28-Mar-25	09-May-25
EBTBM1280	EB TBM Tunnelling CH8748-8775 (Pilot TBM Section)	10	10-May-25	19-May-25
EBTBM1290	EB TBM Tunnelling CH8775-8831 (Pilot tunnel section)	22	20-May-25	10-Jun-25
Westbound (WB) - TBM S1281		204	11-Nov-24 A	02-Jun-25
TBM Tunneling		204	11-Nov-24 A	02-Jun-25
CP26-31		204	11-Nov-24 A	02-Jun-25
A229449562A	WB TBM Stoppage at CH8829 (Pilot tunnel section)	111	11-Nov-24 A	01-Mar-25
A229449562C	WB TBM Tunnelling CH8829-8875 (Pilot tunnel section)	18	02-Mar-25	19-Mar-25
A229449563	WB TBM Tunnelling CH8875-8975 (Pilot tunnel section)	39	20-Mar-25	27-Apr-25
A229449564	WB TBM Tunnelling CH8975-9068 (Pilot tunnel section)	36	28-Apr-25	02-Jun-25
TBM Dismantling & Remaining Structure		26	01-Mar-25	26-Mar-25
TSS side		26	01-Mar-25	26-Mar-25
Gantries		26	01-Mar-25	26-Mar-25
TA145	WB TBM dismantling - Oxycutting area disassembly	3	01-Mar-25	03-Mar-25
TA155	WB TBM dismantling - Oxycutting area resassembly	3	04-Mar-25	06-Mar-25
TA125	WB TBM dismantling - Gantry 1-4 Level 3 dismantling	7	01-Mar-25	07-Mar-25
TA165	WB TBM dismantling - Gantry 1-3 Level 2 dismantling	5	07-Mar-25	11-Mar-25
TA175	WB TBM dismantling - Gantry 1-3 Level 1 dismantling	5	12-Mar-25	16-Mar-25
TA275	WB TBM dismantling - All TBM component transporting out of tunr	7	17-Mar-25	23-Mar-25
TA285	WB TBM dismantling - Oxycutting area dismantling	3	24-Mar-25	26-Mar-25
Erector, Cross Beam, MD		6	01-Mar-25	06-Mar-25
TA315	WB TBM dismantling - Monorail - Rail dismantling	6	01-Mar-25	06-Mar-25
Tunnel Civil Works before TBM breakthough		560	26-Nov-23 A	07-Jun-25
Eastbound (EB)		560	26-Nov-23 A	07-Jun-25
Temporary Services		7	09-May-25	16-May-25
TBM slurry pipe relocation		7	09-May-25	16-May-25
A229447680	TSS - EB NCPS Wall Pipe Relocation from CP23 to CP24	7	09-May-25	16-May-25
Service Gallery		353	08-Mar-24 A	04-Jun-25
CP21-26		353	08-Mar-24 A	04-Jun-25
A229446190	EB TSS - ISIG Stoppage at CH8446	301	08-Mar-24 A	28-Mar-25
A229428552	EB TSS - Service Gallery up to CP 25	13	28-Mar-25	12-Apr-25
A229428562	EB TSS - Service Gallery up to CP 26	13	20-May-25	04-Jun-25
Below Road Level Installation		28	01-Mar-25	28-Mar-25
FSI Room		21	01-Mar-25	21-Mar-25
FSI Room 3 @ CP14		21	01-Mar-25	21-Mar-25
A229450010	EB TSS - FSI Room 3 - civil works (completed)	21	01-Mar-25	21-Mar-25
FSI Room 5 @ CP16		21	01-Mar-25	21-Mar-25
A229450000	EB TSS - FSI Room 5 - civil works (completed)	21	01-Mar-25	21-Mar-25
FSI Room 7 @ CP21		21	01-Mar-25	21-Mar-25
A229449990	EB TSS - FSI Room 7 - civil works (completed)	21	01-Mar-25	21-Mar-25
Low Point @ CP12		28	01-Mar-25	28-Mar-25
TC11320	EB TSS - Low Point Sump Pit - RC works (completed)	28	01-Mar-25	28-Mar-25
TC11330	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM c	28	01-Mar-25	28-Mar-25
Corbel		560	26-Nov-23 A	07-Jun-25
CP21-26		560	26-Nov-23 A	07-Jun-25
A229415982	EB TSS - Corbel Stoppage at CP23	488	26-Nov-23 A	27-Mar-25
A229415952	EB TSS - Corbel Structure up to CP24	8	28-Mar-25	07-Apr-25
A229415962	EB TSS - Corbel Structure up to CP25	8	27-May-25	07-Jun-25
OHVD		26	01-Mar-25	26-Mar-25
TC305	EB - ISSG Assembly (subject to ISSG availability)	14	01-Mar-25*	14-Mar-25
TC320	EB TSS - OHVD up to CP24	4	15-Mar-25	18-Mar-25
TC330	EB TSS - OHVD up to CP25	4	19-Mar-25	22-Mar-25
TC340	EB TSS - OHVD up to CP26	4	23-Mar-25	26-Mar-25
Road Barrier		90	01-Mar-25	29-May-25



◆ ◆ Milestones
Planned Bar
Actual Bar

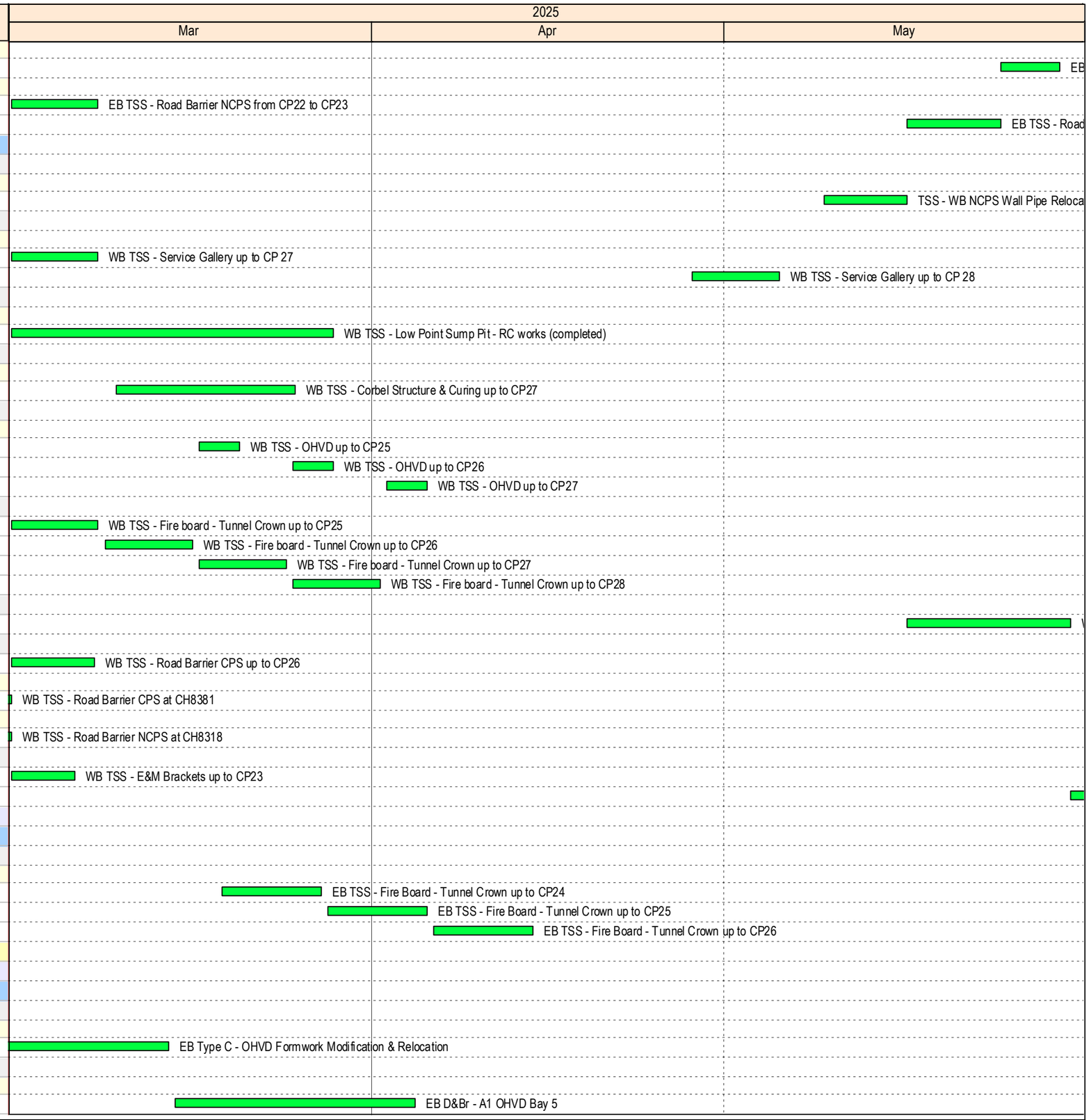
ED/2018/04 Trunk Road T2 and Infrastructure Works
for Developments at South Apron

Three Months Rolling Programme (Mar25-May25)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
CPS		5	24-May-25	29-May-25
TC11120	EB TSS - Road Barrier CPS up to CP24	5	24-May-25	29-May-25
NCPS		85	01-Mar-25	24-May-25
TC10150	EB TSS - Road Barrier NCPS from CP22 to CP23	8	01-Mar-25	08-Mar-25
TC10160	EB TSS - Road Barrier NCPS up to CP24	8	16-May-25	24-May-25
Westbound (WB)		389	13-May-24 A	05-Jun-25
Temporary Services		7	09-May-25	16-May-25
TBM slurry pipe relocation		7	09-May-25	16-May-25
A229447540	TSS - WB NCPS Wall Pipe Relocation from CP23 to CP24	7	09-May-25	16-May-25
Service Gallery		66	01-Mar-25	05-May-25
CP26-31		66	01-Mar-25	05-May-25
A229424680	WB TSS - Service Gallery up to CP 27	8	01-Mar-25	08-Mar-25
A229446380	WB TSS - Service Gallery up to CP 28	8	28-Apr-25	05-May-25
Below Road Level Installation		28	01-Mar-25	28-Mar-25
Low Point @ CP12		28	01-Mar-25	28-Mar-25
TC11340	WB TSS - Low Point Sump Pit - RC works (completed)	28	01-Mar-25	28-Mar-25
Corbel		14	10-Mar-25	25-Mar-25
CP21-26		14	10-Mar-25	25-Mar-25
A229415242	WB TSS - Corbel Structure & Curing up to CP27	14	10-Mar-25	25-Mar-25
OHVD		20	17-Mar-25	05-Apr-25
CP26-30		20	17-Mar-25	05-Apr-25
TC3120	WB TSS - OHVD up to CP25	4	17-Mar-25	20-Mar-25
TC3130	WB TSS - OHVD up to CP26	4	25-Mar-25	28-Mar-25
TC3140	WB TSS - OHVD up to CP27	4	02-Apr-25	05-Apr-25
Fire Board - Tunnel Crown		32	01-Mar-25	01-Apr-25
D12535	WB TSS - Fire board - Tunnel Crown up to CP25	8	01-Mar-25	08-Mar-25
D12545	WB TSS - Fire board - Tunnel Crown up to CP26	8	09-Mar-25	16-Mar-25
D12555	WB TSS - Fire board - Tunnel Crown up to CP27	8	17-Mar-25	24-Mar-25
D12565	WB TSS - Fire board - Tunnel Crown up to CP28	8	25-Mar-25	01-Apr-25
Fire Board - Road level		14	16-May-25	30-May-25
A229446460	WB TSS - Fire Board - Road level up to CP24	14	16-May-25	30-May-25
Road Barrier		299	13-May-24 A	08-Mar-25
A229447850	WB TSS - Road Barrier CPS up to CP26	6	01-Mar-25	08-Mar-25
CPS		292	13-May-24 A	01-Mar-25
TC10800	WB TSS - Road Barrier CPS at CH8381	292	13-May-24 A	01-Mar-25
NCPS		285	20-May-24 A	01-Mar-25
TC11000	WB TSS - Road Barrier NCPS at CH8318	285	20-May-24 A	01-Mar-25
E&M Brackets		97	01-Mar-25	05-Jun-25
TC11060	WB TSS - E&M Brackets up to CP23	6	01-Mar-25	06-Mar-25
TC11010	WB TSS - E&M Brackets up to CP24	6	30-May-25	05-Jun-25
Tunnel Civil Works after TBM breakthough		27	19-Mar-25	14-Apr-25
Eastbound (EB)		27	19-Mar-25	14-Apr-25
Fire Board - Tunnel Crown with deletion up to Ch8850		27	19-Mar-25	14-Apr-25
CP21-26		27	19-Mar-25	14-Apr-25
TC560	EB TSS - Fire Board - Tunnel Crown up to CP24	9	19-Mar-25	27-Mar-25
TC570	EB TSS - Fire Board - Tunnel Crown up to CP25	9	28-Mar-25	05-Apr-25
TC580	EB TSS - Fire Board - Tunnel Crown up to CP26	9	06-Apr-25	14-Apr-25
08 CKL Tunnel		207	25-Nov-24 A	19-Jun-25
Tunnel Structure before TBM breakthrough		131	25-Nov-24 A	04-Apr-25
Eastbound (EB)		131	25-Nov-24 A	04-Apr-25
EB Type C		89	25-Nov-24 A	14-Mar-25
OHVD		89	25-Nov-24 A	14-Mar-25
A2050	EB Type C - OHVD Formwork Modification & Relocation	89	25-Nov-24 A	14-Mar-25
EB Type A D&Br		21	15-Mar-25	04-Apr-25
OHVD		21	15-Mar-25	04-Apr-25
A1800	EB D&Br - A1 OHVD Bay 5	21	15-Mar-25	04-Apr-25



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Three Months Rolling Programme (Mar25-May25)

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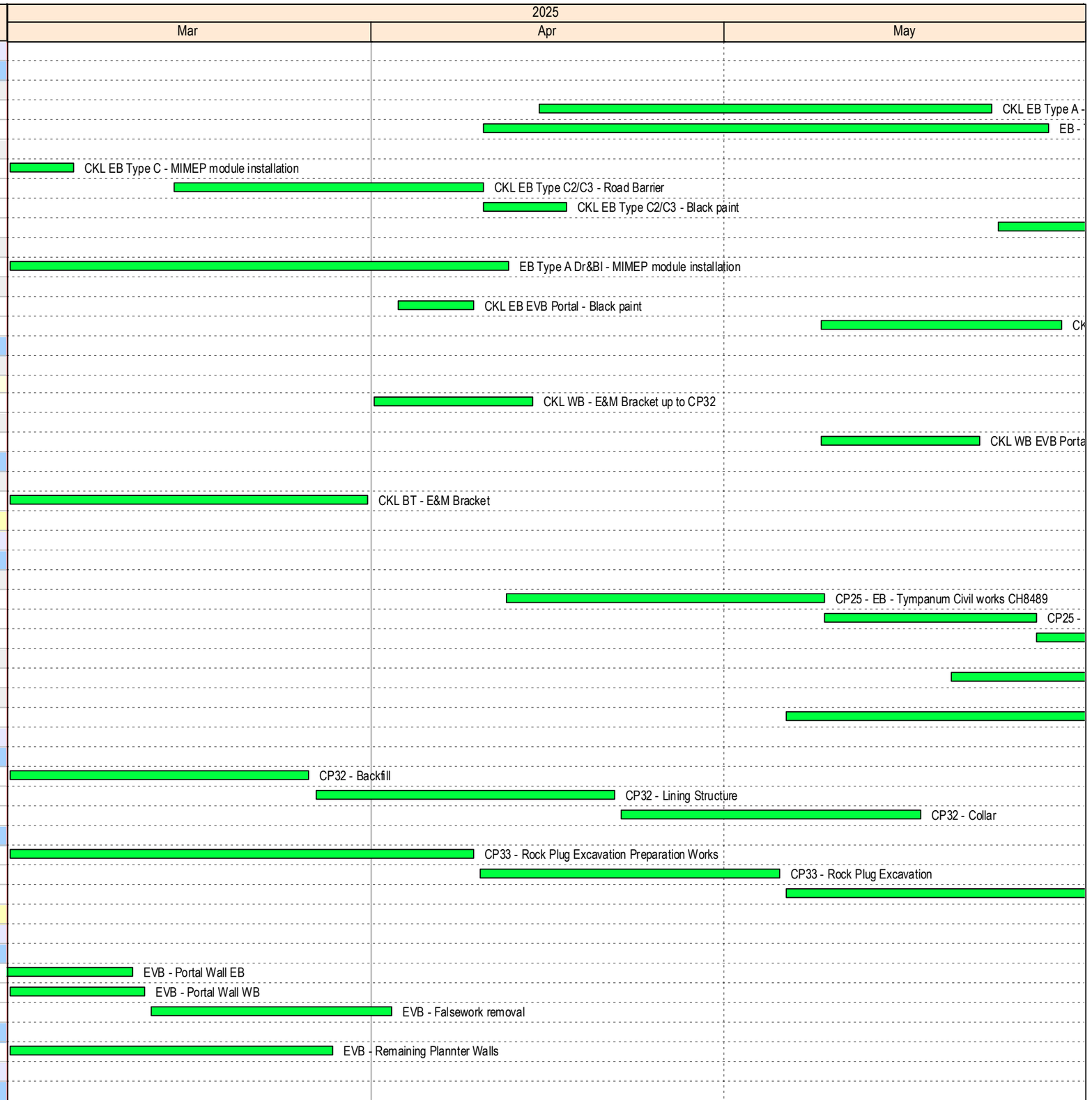
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
Tunnel Civil Works before TBM breakthrough		111	01-Mar-25	19-Jun-25
Eastbound (EB)		111	01-Mar-25	19-Jun-25
EB Type A		48	10-Apr-25	28-May-25
A8980	CKL EB Type A - E&M Bracket	39	15-Apr-25	23-May-25
A229444530	EB - Type A - Road Barrier	36	10-Apr-25	28-May-25
EB Type C		111	01-Mar-25	19-Jun-25
A229450140	CKL EB Type C - MIMEP module installation	6	01-Mar-25	06-Mar-25
A229444520	CKL EB Type C2/C3 - Road Barrier	27	15-Mar-25	10-Apr-25
A229450120	CKL EB Type C2/C3 - Black paint	7	10-Apr-25	17-Apr-25
A229450110	CKL EB Type C2/C3 - E&M Bracket	27	24-May-25	19-Jun-25
EB Type A D&Br		36	01-Mar-25	12-Apr-25
A229444700	EB Type A Dr&Bl - MIMEP module installation	36	01-Mar-25	12-Apr-25
EB EVB Portal		57	03-Apr-25	29-May-25
A229450160	CKL EB EVB Portal - Black paint	7	03-Apr-25	09-Apr-25
A229450150	CKL EB EVB Portal - Road Barrier	21	09-May-25	29-May-25
Westbound (WB)		52	01-Apr-25	22-May-25
WB Type A		14	01-Apr-25	14-Apr-25
E&M Brackets		14	01-Apr-25	14-Apr-25
A229450100	CKL WB - E&M Bracket up to CP32	14	01-Apr-25	14-Apr-25
WB EVB Portal		14	09-May-25	22-May-25
A229450180	CKL WB EVB Portal - Road Barrier	14	09-May-25	22-May-25
Branch Tunnel (S01)		31	01-Mar-25	31-Mar-25
E&M Brackets		31	01-Mar-25	31-Mar-25
A229450090	CKL BT - E&M Bracket	31	01-Mar-25	31-Mar-25
09 Cross Passages		148	01-Mar-25	26-Jul-25
Cross Passages @ TSS (CP7 to CP29)		105	12-Apr-25	26-Jul-25
CP25 to CP29		105	12-Apr-25	26-Jul-25
CP25		105	12-Apr-25	26-Jul-25
TD0100	CP25 - EB - Tympanum Civil works CH8489	27	12-Apr-25	09-May-25
A7950	CP25 - CP TBM cycle	18	09-May-25	27-May-25
A8260	CP25 - Internal & Collar Structure & ABWF	60	27-May-25	26-Jul-25
CP27		27	20-May-25	15-Jun-25
TD0310	CP27 - WB - Tympanum Civil works CH8688	27	20-May-25	15-Jun-25
CP28		35	06-May-25	09-Jun-25
TD1000	CP28 - WB - Temporary Platform setup & Tympanum CH8787	35	06-May-25	09-Jun-25
Cross Passages @ CKL Tunnel (CP30 to CP33)		133	01-Mar-25	11-Jul-25
CP32		78	01-Mar-25	17-May-25
A229438446	CP32 - Backfill	26	01-Mar-25	26-Mar-25
A229438436	CP32 - Lining Structure	26	27-Mar-25	21-Apr-25
A229422590	CP32 - Collar	26	22-Apr-25	17-May-25
CP33		133	01-Mar-25	11-Jul-25
A1900	CP33 - Rock Plug Excavation Preparation Works	40	01-Mar-25	09-Apr-25
A1710	CP33 - Rock Plug Excavation	26	10-Apr-25	05-May-25
A1720	CP33 - CP33/Type E Junction	67	06-May-25	11-Jul-25
10 East Ventilation Building - EVB		441	15-Mar-24 A	29-May-25
Structure Works		131	23-Nov-24 A	02-Apr-25
LG2/F Walls & LG1/F Slab		131	23-Nov-24 A	02-Apr-25
EVB1320	EVB - Portal Wall EB	109	23-Nov-24 A	11-Mar-25
EVB1715	EVB - Portal Wall WB	12	01-Mar-25	12-Mar-25
EVB1800	EVB - Falsework removal	21	13-Mar-25	02-Apr-25
R/F Walls & UR/F Slab		28	01-Mar-25	28-Mar-25
EVB1520	EVB - Remaining Plannter Walls	28	01-Mar-25	28-Mar-25
ABWF Works		170	10-Nov-24 A	28-Apr-25
ABWF - Door & Louvre installation		170	10-Nov-24 A	28-Apr-25



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ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Mar25-May25)

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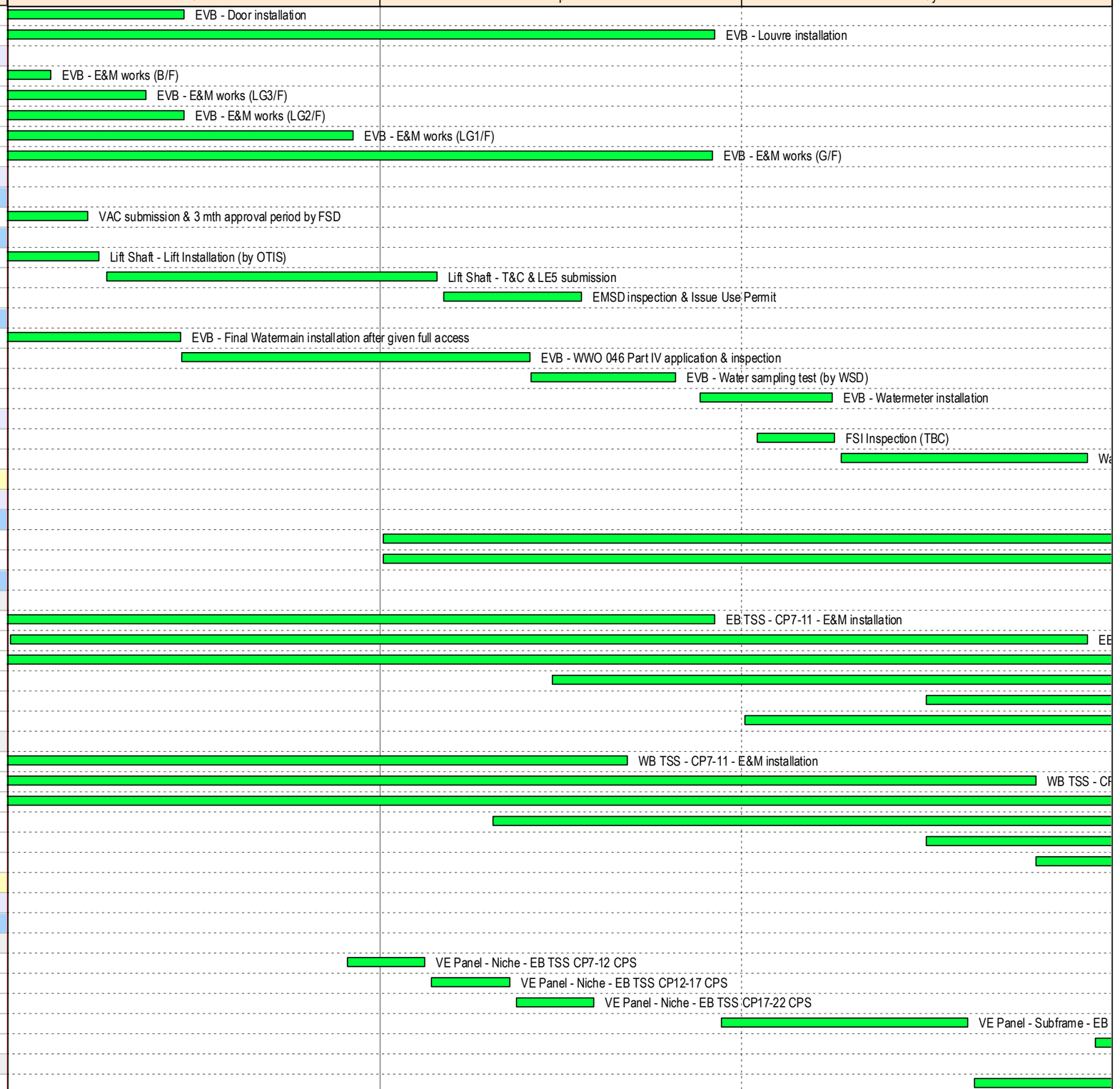
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
EVB1510	EVB - Door installation	61	14-Jan-25 A	15-Mar-25
EVB1530	EVB - Louvre installation	170	10-Nov-24 A	28-Apr-25
E&M Works (by BYME)		330	15-Mar-24 A	28-Apr-25
EVB1210	EVB - E&M works (B/F)	287	15-Mar-24 A	04-Mar-25
EVB1300	EVB - E&M works (LG3/F)	262	26-Apr-24 A	12-Mar-25
EVB1360	EVB - E&M works (LG2/F)	246	21-May-24 A	15-Mar-25
EVB1440	EVB - E&M works (LG1/F)	217	10-Jul-24 A	29-Mar-25
EVB1500	EVB - E&M works (G/F)	214	07-Aug-24 A	28-Apr-25
Statutory Procedures		239	11-Sep-24 A	08-May-25
GBP & VAC submission		74	24-Dec-24 A	07-Mar-25
EVB1580	VAC submission & 3 mth approval period by FSD	74	24-Dec-24 A	07-Mar-25
Lift Installation		219	11-Sep-24 A	17-Apr-25
EVB1370	Lift Shaft - Lift Installation (by OTIS)	179	11-Sep-24 A	08-Mar-25
EVB1430	Lift Shaft - T&C & LE5 submission	28	09-Mar-25	05-Apr-25
EVB1450	EMSD inspection & Issue Use Permit	12	06-Apr-25	17-Apr-25
FS Water Supply		128	31-Dec-24 A	08-May-25
EVB1410	EVB - Final Watermain installation after given full access	74	31-Dec-24 A	15-Mar-25
EVB1460	EVB - WWO 046 Part IV application & inspection	29	15-Mar-25	13-Apr-25
EVB1470	EVB - Water sampling test (by WSD)	12	13-Apr-25	25-Apr-25
EVB1490	EVB - Watermeter installation	11	27-Apr-25	08-May-25
Final T&C and FSI Inspection		28	02-May-25	29-May-25
EVB1560	FSI Inspection (TBC)	7	02-May-25*	08-May-25
EVB1600	Waiting period	21	09-May-25	29-May-25
11 Tunnel E&M Installation		376	12-Aug-24 A	23-Aug-25
E&M - Cabling works		376	12-Aug-24 A	23-Aug-25
AGR & DPR		120	01-Apr-25	29-Jul-25
DPR10060	DPR - EB E&M Installation	120	01-Apr-25	29-Jul-25
DPR10080	DPR - WB E&M Installation	120	01-Apr-25	29-Jul-25
SUS to CKL		376	12-Aug-24 A	23-Aug-25
Eastbound		313	20-Sep-24 A	29-Jul-25
E&MC1050	EB TSS - CP7-11 - E&M installation	221	20-Sep-24 A	28-Apr-25
E&MC1080	EB TSS - CP11-16 E&M installation	90	01-Mar-25*	29-May-25
E&MC1010	EB SUS - E&M Installation	240	22-Oct-24 A	18-Jun-25
E&MC1100	EB TSS - CP16-22 E&M installation	90	15-Apr-25	13-Jul-25
E&MC1020	EB LSCC - E&M Installation	60	16-May-25	14-Jul-25
E&MC1120	EB TSS - CP22-26 - E&M installation	90	01-May-25*	29-Jul-25
Westbound		376	12-Aug-24 A	23-Aug-25
E&MC1041	WB TSS - CP7-11 - E&M installation	253	12-Aug-24 A	21-Apr-25
E&MC1060	WB TSS - CP11-16 E&M installation	240	27-Sep-24 A	25-May-25
E&MC1030	WB SUS - E&M Installation	248	25-Oct-24 A	29-Jun-25
E&MC1070	WB TSS - CP16-21 E&M installation	90	10-Apr-25	09-Jul-25
E&MC1040	WB LSCC - E&M Installation	90	16-May-25	13-Aug-25
E&MC1090	WB TSS - CP21-24 E&M installation	90	25-May-25	23-Aug-25
14 Projectwide Final Works		108	01-Mar-25	16-Jun-25
Tunnel Cladding (VE Panel)		108	01-Mar-25	16-Jun-25
Eastbound		80	29-Mar-25	16-Jun-25
Typical Subframe & Niche		76	29-Mar-25	12-Jun-25
VE10431	VE Panel - Niche - EB TSS CP7-12 CPS	7	29-Mar-25*	04-Apr-25
VE10441	VE Panel - Niche - EB TSS CP12-17 CPS	7	05-Apr-25*	11-Apr-25
VE10451	VE Panel - Niche - EB TSS CP17-22 CPS	7	12-Apr-25*	18-Apr-25
VE10260	VE Panel - Subframe - EB TSS CP7-12 CPS & NCPS	21	29-Apr-25*	19-May-25
VE10280	VE Panel - Subframe - EB TSS CP11-16 CPS & NCPS	14	30-May-25*	12-Jun-25
Typical Cladding		28	20-May-25	16-Jun-25
VE10270	VE Panel - Cladding - EB TSS CP7-12 NCPS	28	20-May-25*	16-Jun-25



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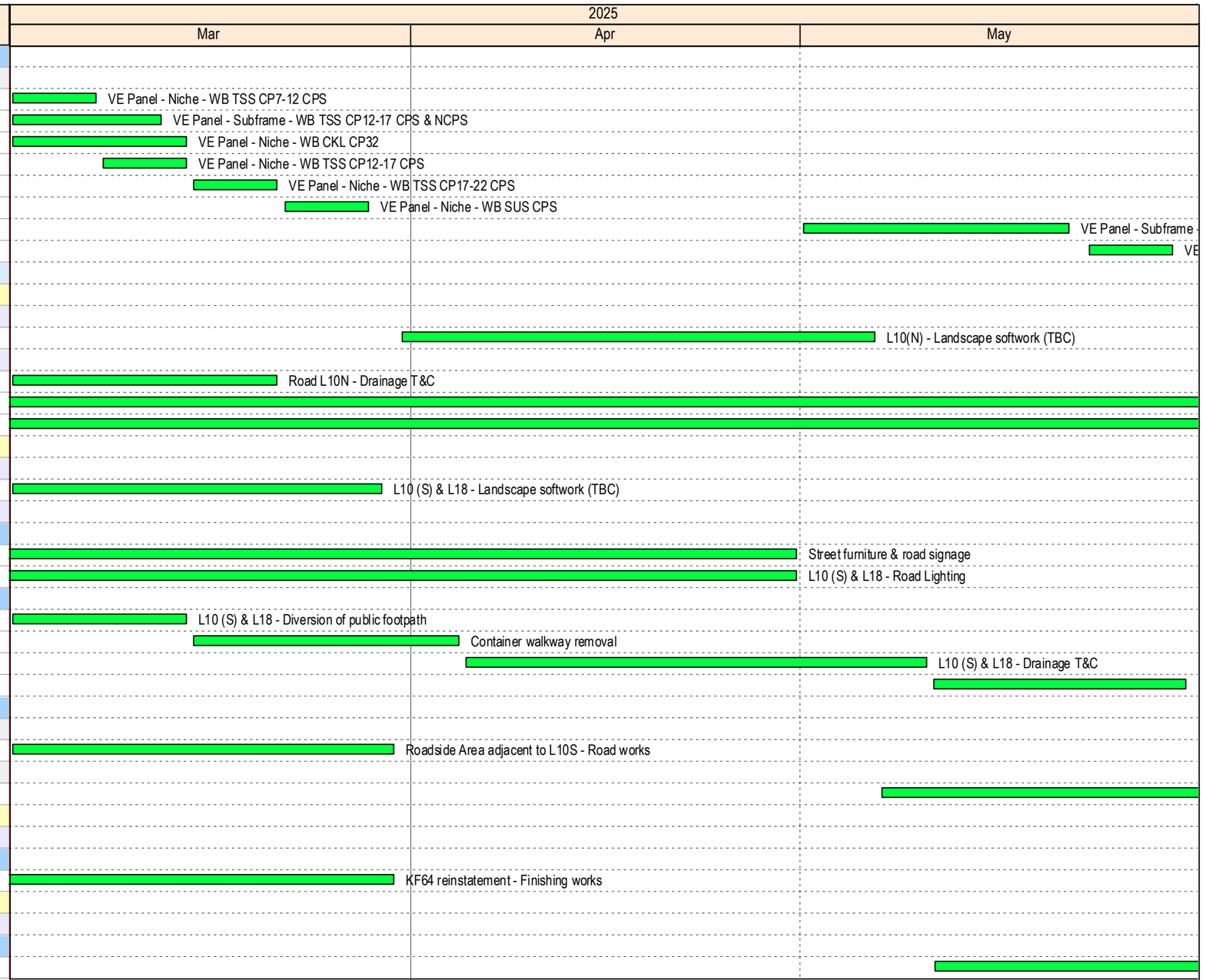
Activity ID	Activity Name	Dur	Start	Finish
Westbound		90	01-Mar-25	29-May-25
Typical Subframe & Niche		90	01-Mar-25	29-May-25
VE10401	VE Panel - Niche - WB TSS CP7-12 CPS	7	01-Mar-25*	07-Mar-25
VE10070	VE Panel - Subframe - WB TSS CP12-17 CPS & NCPS	12	01-Mar-25*	12-Mar-25
VE10381	VE Panel - Niche - WB CKL CP32	14	01-Mar-25	14-Mar-25
VE10391	VE Panel - Niche - WB TSS CP12-17 CPS	7	08-Mar-25*	14-Mar-25
VE10411	VE Panel - Niche - WB TSS CP17-22 CPS	7	15-Mar-25	21-Mar-25
VE10421	VE Panel - Niche - WB SUS CPS	7	22-Mar-25	28-Mar-25
VE10060	VE Panel - Subframe - WB TSS CP7-12 CPS & NCPS	21	01-May-25*	21-May-25
VE10461	VE Panel - Niche - WB CKL EVB Portal	7	23-May-25	29-May-25
Infrastructure Works		228	15-Nov-24 A	30-Jun-25
07 Road L10(N)		219	24-Nov-24 A	30-Jun-25
L10(N) Landscape (KD-26)		26	31-Mar-25	06-May-25
LN10110	L10(N) - Landscape softwork (TBC)	26	31-Mar-25	06-May-25
L10(N) Remaining works		219	24-Nov-24 A	30-Jun-25
LN10100	Road L10N - Drainage T&C	21	01-Mar-25	21-Mar-25
LN10140	Road L10N - Road Lighting	193	19-Dec-24 A	29-Jun-25
LN10130	Road L10N - Street furniture & road signage	219	24-Nov-24 A	30-Jun-25
08 Road L10(S) & L18		203	15-Nov-24 A	05-Jun-25
L10(S) & L18 Landscape (KD-24)		25	01-Mar-25	29-Mar-25
A229445710	L10 (S) & L18 - Landscape softwork (TBC)	25	01-Mar-25*	29-Mar-25
L10(S) & L18 Remaining works		203	15-Nov-24 A	05-Jun-25
Miscellaneous road works		167	15-Nov-24 A	30-Apr-25
A229448740	Street furniture & road signage	167	15-Nov-24 A	30-Apr-25
A229448760	L10 (S) & L18 - Road Lighting	138	14-Dec-24 A	30-Apr-25
Preparation for road opening		91	01-Mar-25	30-May-25
A229448711	L10 (S) & L18 - Diversion of public footpath	14	01-Mar-25	14-Mar-25
A229448720	Container walkway removal	21	15-Mar-25	04-Apr-25
A229448721	L10 (S) & L18 - Drainage T&C	36	05-Apr-25	10-May-25
A229448730	L10 (S) & L18 - Final Paving works & Road Marking	20	11-May-25	30-May-25
Roadside Area adjacent to L10(S)		97	01-Mar-25	05-Jun-25
Roadworks		30	01-Mar-25	30-Mar-25
A229448810	Roadside Area adjacent to L10S - Road works	30	01-Mar-25*	30-Mar-25
Landscape		30	07-May-25	05-Jun-25
A229448820	Roadside Area adjacent to L10S - Landscape (TBC)	30	07-May-25	05-Jun-25
09 Footbridge FB-02 (KD-17 achieved)		86	04-Jan-25 A	30-Mar-25
FB-02 Remaining works		86	04-Jan-25 A	30-Mar-25
KF64 reinstatement		86	04-Jan-25 A	30-Mar-25
FB211130	KF64 reinstatement - Finishing works	86	04-Jan-25 A	30-Mar-25
10 Lam Chak Street / Kai Hing Road Modification		30	11-May-25	10-Jun-25
LCS/KHR Modification (KD-19)		30	11-May-25	10-Jun-25
VO -Additional Raod Lighting at Stage 1 Area		30	11-May-25	10-Jun-25
A229450080	VO - Additional Road Lighting installation	30	11-May-25	10-Jun-25



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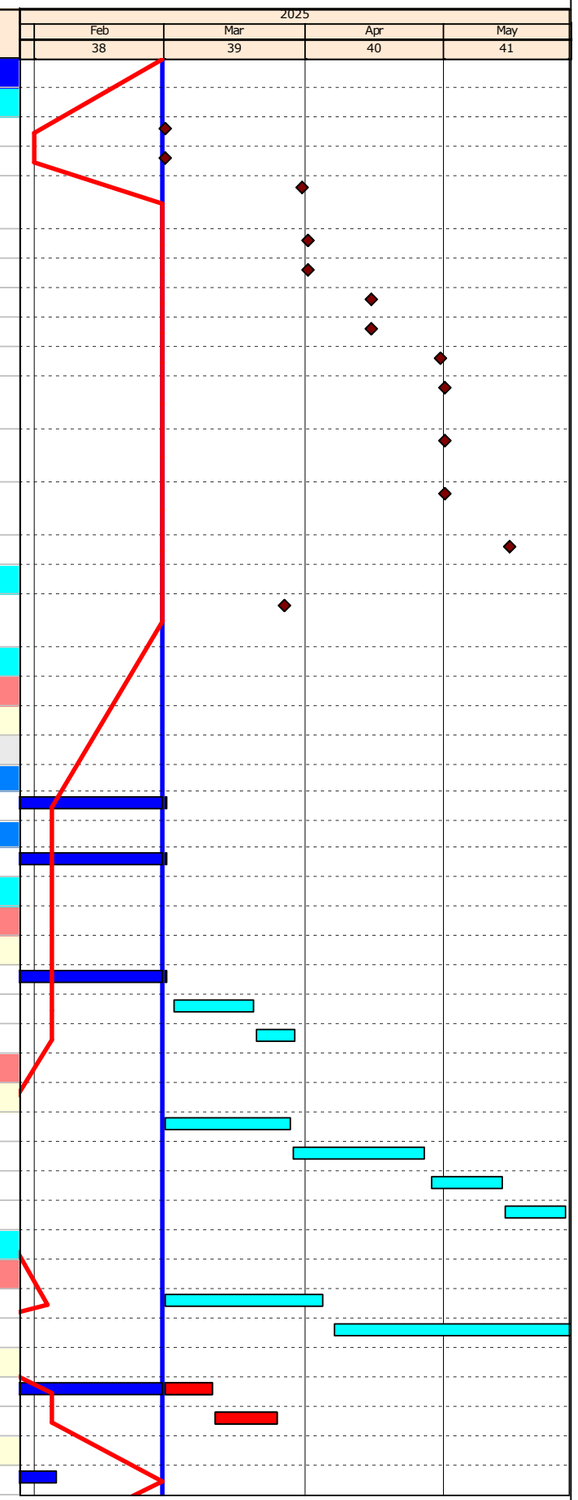
CONTRACT NO. ED/2020/03
TRUNK ROAD T2
TRAFFIC CONTROL SURVEILLANCE SYSTEM AND ASSOCIATED WORKS
THREE MONTH ROLLING PROGRAMME

Appendix III B - Three Month Rolling Programme

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
Trunk Road T2 - Traffic Control & Surveillance System & Associated Works		571	01-Mar-25	08-Aug-25	09-Mar-24	20-Jan-28	10-Aug-23		
Access Dates		75	01-Mar-25	15-May-25	09-Mar-24	15-Feb-25			
AC1030	Portion 4 - TKO-LTT (LT Interchange)	0	01-Mar-25		09-Mar-24				
AC1040	Underpass S21	0	01-Mar-25		03-Feb-25				
AC1080h	Portion 2 - LS - CKL Tunnel CP21 to CP24 (VSLS Signage Anchor) - WB	0	31-Mar-25		25-Jan-25				
AC1010a	Portion 2 - LSCC to CP7 (CP Side) - WB	0	01-Apr-25		11-Sep-24				
AC1010c	Portion 2 - LSCC to CP7 (Under OHVD) - WB	0	01-Apr-25		27-Dec-24				
AC1010b	Portion 2 - LSCC to CP7 (NCP Side) - WB	0	15-Apr-25		02-Oct-24				
AC1010e	Portion 2 - LSCC to CP7 (Service Gallery) - WB	0	15-Apr-25		15-Feb-25				
AC1050i	Portion 2 - LS - CKL Tunnel CP7 to CP11 (Niche cabinet) - EB	0	30-Apr-25		31-Oct-24				
AC1090f	Portion 2 - LS - CKL Main Tunnel CP29 to CP32 (Service Gallery) - EB	0	01-May-25		07-Feb-25				
AC1090g	Portion 2 - LS - CKL Main Tunnel CP30 to CP32 (Road Level) - WB	0	01-May-25		17-Sep-24				
AC1090h	Portion 2 - LS - CKL Main Tunnel CP30 to CP32 (Service Gallery) - WB	0	01-May-25		07-Feb-25				
AC1010i	Portion 2 - LSCC to CP7 (Service Gallery) - EB	0	15-May-25		15-Feb-25				
Milestones of Contract T2		0	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25			
KD1050	Commencement of Project-wide FSD Inspection - Contract T2	0	27-Mar-25		27-Mar-25				
Design & Submissions		304	01-Mar-25	01-Mar-25	25-Jun-25	20-Jan-28	29-Aug-23		
FSP Submissions (42 Working Days after Commencement of FSP)		304	01-Mar-25	01-Mar-25	25-Jun-25	20-Jan-28	29-Aug-23		
FSP Batch 1 Submission		304	01-Mar-25	01-Mar-25	25-Jun-25	20-Jan-28	29-Aug-23		
Central System		304	01-Mar-25	01-Mar-25	25-Jun-25	20-Jan-28	29-Aug-23		
Traffic Plan Review & Combine		140	01-Mar-25	01-Mar-25	20-Jan-28	20-Jan-28	28-Dec-23		
DS7300	Traffic Plan Review & Combine Workshop	140	01-Mar-25	01-Mar-25	20-Jan-28	20-Jan-28	28-Dec-23		DS1830: FS 22
IT Security Risk Assessment Plan		30	01-Mar-25	01-Mar-25	25-Jun-25	25-Jun-25	29-Aug-23		
DS7440	Approval on IT Security Risk Assessment Plan	30	01-Mar-25	01-Mar-25	25-Jun-25	25-Jun-25	29-Aug-23		DS7430: FS
Interface Coordination & Integration with Other Parties		246	01-Mar-25	27-May-25	27-Oct-27	20-Jan-28	17-May-24		
Interfacing Coordination with TKO-LTT (Civil)		199	01-Mar-25	29-Mar-25	21-Dec-27	20-Jan-28	17-May-24		
Detail Interfacing Management Plan (DIMP)		199	01-Mar-25	29-Mar-25	21-Dec-27	20-Jan-28	17-May-24		
DS6780	Comment on DIMP with TKO-LTT (Civil)	17	01-Mar-25	01-Mar-25	21-Dec-27	21-Dec-27	17-May-24		DS6770: FS
DS6790	Resubmit DIMP with TKO-LTT (Civil)	16	03-Mar-25	20-Mar-25	22-Dec-27	11-Jan-28			DS6780: FS
DS6800	Approval of DIMP with TKO-LTT (Civil)	8	21-Mar-25	29-Mar-25	12-Jan-28	20-Jan-28			DS6790: FS
Interfacing Coordination with T2		72	01-Mar-25	27-May-25	27-Oct-27	20-Jan-28			
Preliminary Interfacing Management Plan (PIMP)		72	01-Mar-25	27-May-25	27-Oct-27	20-Jan-28			
DS6890	Prepare & Submit PIMP with T2	24	01-Mar-25	28-Mar-25	27-Oct-27	23-Nov-27			DS2680: FS 211
DS6900	Comment on PIMP with T2	24	29-Mar-25	26-Apr-25	24-Nov-27	21-Dec-27			DS6890: FS
DS6910	Resubmit PIMP with T2	12	28-Apr-25	13-May-25	22-Dec-27	06-Jan-28			DS6900: FS
DS6920	Approval of PIMP with T2	12	14-May-25	27-May-25	07-Jan-28	20-Jan-28			DS6910: FS
Drawing & Installation Method Statement Submissions		459	01-Mar-25	06-Jun-25	01-Jun-24	20-Jan-28	10-Aug-23		
Installation Drawing Submission		459	01-Mar-25	06-Jun-25	01-Jun-24	20-Jan-28	08-Sep-23		
DS2695	Prepare & Submit Schedule of Installation Drawing	30	01-Mar-25	04-Apr-25	18-Oct-27	20-Nov-27			DS1050: FS 103
DS2705	Approval of Schedule of Installation Drawing	50	07-Apr-25	06-Jun-25	22-Nov-27	20-Jan-28			DS2695: FS
Traffic Control Devices		398	01-Mar-25	25-Mar-25	01-Jun-24	26-Jun-24	04-May-24		
DS8240	Resubmit Installation Drawing for Traffic Control Devices	12	01-Mar-25	11-Mar-25	01-Jun-24	12-Jun-24	04-May-24		DS5920: FS
DS8250	Approval of Installation Drawing for Traffic Control Devices	12	12-Mar-25	25-Mar-25	13-Jun-24	26-Jun-24			DS8240: FS, SC1150: FF
CCTV System		12					22-Jan-25	05-Feb-25	
DS8880	Approval of Installation Drawing for CCTV System	12					22-Jan-25	05-Feb-25	DS8870: FS, SC1410: FS

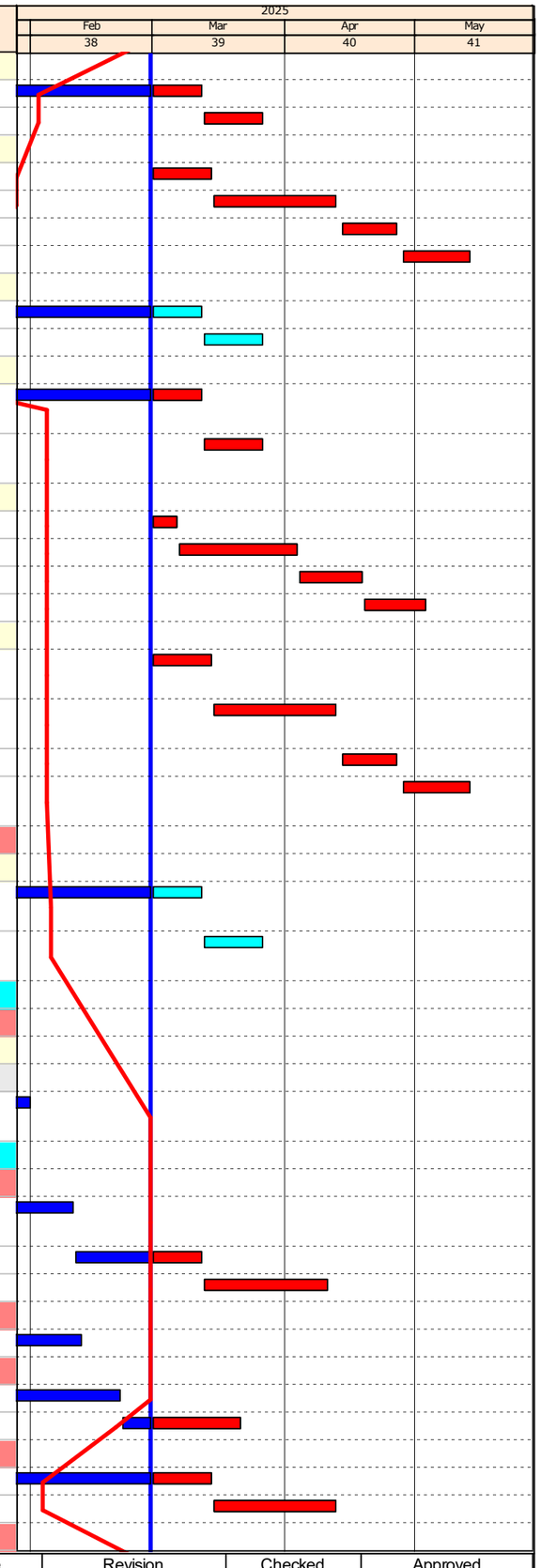


Remaining Work
Actual Work
Critical Activity
Milestone

Date	Revision	Checked	Approved
28-Feb-25	Rev. 0	MY	

GTECH Services (Hong Kong) Limited

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
PABX System		401	01-Mar-25	26-Mar-25	20-Aug-24	13-Sep-24	08-Sep-23		
DS6030	Resubmit Installation Drawing for PABX System	12	01-Mar-25	12-Mar-25	20-Aug-24	30-Aug-24	08-Sep-23		DS6020: FS
DS6040	Approval of Installation Drawing for PABX System	12	13-Mar-25	26-Mar-25	31-Aug-24	13-Sep-24			DS6030: FS, SC1560: FF
Radio System		60	01-Mar-25	13-May-25	30-Jul-24	09-Oct-24			
DS6130	Prepare & Submit Installation Drawing for Radio System	12	01-Mar-25	14-Mar-25	30-Jul-24	12-Aug-24			DS2154: FS
DS6140	Comment on Installation Drawing for Radio System	24	15-Mar-25	12-Apr-25	13-Aug-24	09-Sep-24			DS6130: FS
DS6150	Resubmit Installation Drawing for Radio System	12	14-Apr-25	26-Apr-25	10-Sep-24	24-Sep-24			DS6140: FS
DS6160	Approval of Installation Drawing for Radio System	12	28-Apr-25	13-May-25	25-Sep-24	09-Oct-24			DS6150: FS, SC1930: FF
Detection System		246	01-Mar-25	26-Mar-25	24-Dec-27	20-Jan-28	09-Dec-23		
DS8280	Resubmit Installation Drawing for Detection System	24	01-Mar-25	12-Mar-25	24-Dec-27	06-Jan-28	09-Dec-23		DS6200: FS
DS8290	Approval of Installation Drawing for Detection System	12	13-Mar-25	26-Mar-25	07-Jan-28	20-Jan-28			DS8280: FS, SC2060: FF
Manual Fallback Control System		245	01-Mar-25	26-Mar-25	12-Sep-24	09-Oct-24	04-May-24		
DS8300	Resubmit Installation Drawing for Manual Fallback Control System	12	01-Mar-25	12-Mar-25	12-Sep-24	24-Sep-24	04-May-24		DS6240: FS
DS8310	Approval of Installation Drawing for Manual Fallback Control System	12	13-Mar-25	26-Mar-25	25-Sep-24	09-Oct-24			DS8300: FS, SC2190: FF
Operation Facility		53	01-Mar-25	03-May-25	19-Aug-24	22-Oct-24			
DS6250	Prepare & Submit Installation Drawing for Operation Facility	5	01-Mar-25	06-Mar-25	19-Aug-24	23-Aug-24			DS2532: FS
DS6260	Comment on Installation Drawing for Operation Facility	24	07-Mar-25	03-Apr-25	24-Aug-24	21-Sep-24			DS6250: FS
DS6270	Resubmit Installation Drawing for Operation Facility	12	04-Apr-25	18-Apr-25	23-Sep-24	07-Oct-24			DS6260: FS
DS6280	Approval of Installation Drawing for Operation Facility	12	19-Apr-25	03-May-25	08-Oct-24	22-Oct-24			DS6270: FS, SC2630: FF
Speed Enforcement System		60	01-Mar-25	13-May-25	20-Sep-24	30-Nov-24			
DS6290	Prepare & Submit Installation Drawing for Speed Enforcement System	12	01-Mar-25	14-Mar-25	20-Sep-24	04-Oct-24			DS2472: FS
DS6300	Comment on Installation Drawing for Speed Enforcement System	24	15-Mar-25	12-Apr-25	05-Oct-24	02-Nov-24			DS6290: FS
DS6310	Resubmit Installation Drawing for Speed Enforcement System	12	14-Apr-25	26-Apr-25	04-Nov-24	16-Nov-24			DS6300: FS
DS6320	Approval of Installation Drawing for Speed Enforcement System	12	28-Apr-25	13-May-25	18-Nov-24	30-Nov-24			DS6310: FS, SC2340: FF
Installation Method Statement Submission		373	01-Mar-25	26-Mar-25	24-Dec-27	20-Jan-28	10-Aug-23		
Power Distribution System		373	01-Mar-25	26-Mar-25	24-Dec-27	20-Jan-28	10-Aug-23		
DS6550	Resubmit Installation Method Statement for Power Distribution System	6	01-Mar-25	12-Mar-25	24-Dec-27	06-Jan-28	10-Aug-23		DS6540: FS
DS6560	Approval of Installation Method Statement for Power Distribution System	12	13-Mar-25	26-Mar-25	07-Jan-28	20-Jan-28			DS6550: FS
FAT Plan Submissions, Equipment Procurement & Manufacturing		85					12-Mar-24	31-Jan-25	
Traffic Control Devices		85					12-Mar-24	31-Jan-25	
Equipment FAT & Manufacturing		85					12-Mar-24	31-Jan-25	
LED Signage		85					12-Mar-24	31-Jan-25	
EM1650	Post-FAT Manufacturing & Delivery of Traffic Control Devices (LED Signage)	85					12-Mar-24	31-Jan-25	EM1461: FS, SC1190: FF, DS4291: FS, DS8160: FS
SCT Plan Submissions		262	01-Mar-25	12-Apr-25	14-Sep-24	22-Mar-25	26-Oct-24		
Traffic Control Devices		235	01-Mar-25	10-Apr-25	11-Jan-25	22-Feb-25	11-Jan-25		
DS3010	Comment on SCT Plan/ Workshops (System Briefing & Comment Discussion)	24					11-Jan-25	10-Feb-25	DS3000: FS
DS8910	Resubmission of SCT Plan for Traffic Control Devices	12	01-Mar-25	12-Mar-25	11-Jan-25	22-Jan-25	11-Feb-25		DS3010: FS
DS8920	Approval of SCT Plan for Traffic Control Devices	24	13-Mar-25	10-Apr-25	23-Jan-25	22-Feb-25			DS8910: FS, SC1200: FF
CCTV System		24					28-Jan-25	12-Feb-25	
DS8940	Approval of SCT Plan for CCTV System	24					28-Jan-25	12-Feb-25	DS8930: FS, SC1460: FF
Radio System		256	01-Mar-25	21-Mar-25	23-Nov-24	13-Dec-24	26-Oct-24		
DS3240	Resubmission of SCT Plan for Radio System	12					26-Oct-24	21-Feb-25	DS3230: FS
DS3250	Approval of SCT Plan for Radio System	24	01-Mar-25	21-Mar-25	23-Nov-24	13-Dec-24	22-Feb-25		DS3240: FS, SC1980: FF
Detection System		262	01-Mar-25	12-Apr-25	05-Dec-24	17-Jan-25	31-Dec-24		
DS3280	Resubmission of SCT Plan for Detection System	12	01-Mar-25	14-Mar-25	05-Dec-24	18-Dec-24	31-Dec-24		DS3270: FS
DS3290	Approval of SCT Plan for Detection System	24	15-Mar-25	12-Apr-25	19-Dec-24	17-Jan-25			DS3280: FS, SC2110: FF
Operation Facility		24					25-Jan-25	04-Feb-25	



Remaining Work
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Date	Revision	Checked	Approved
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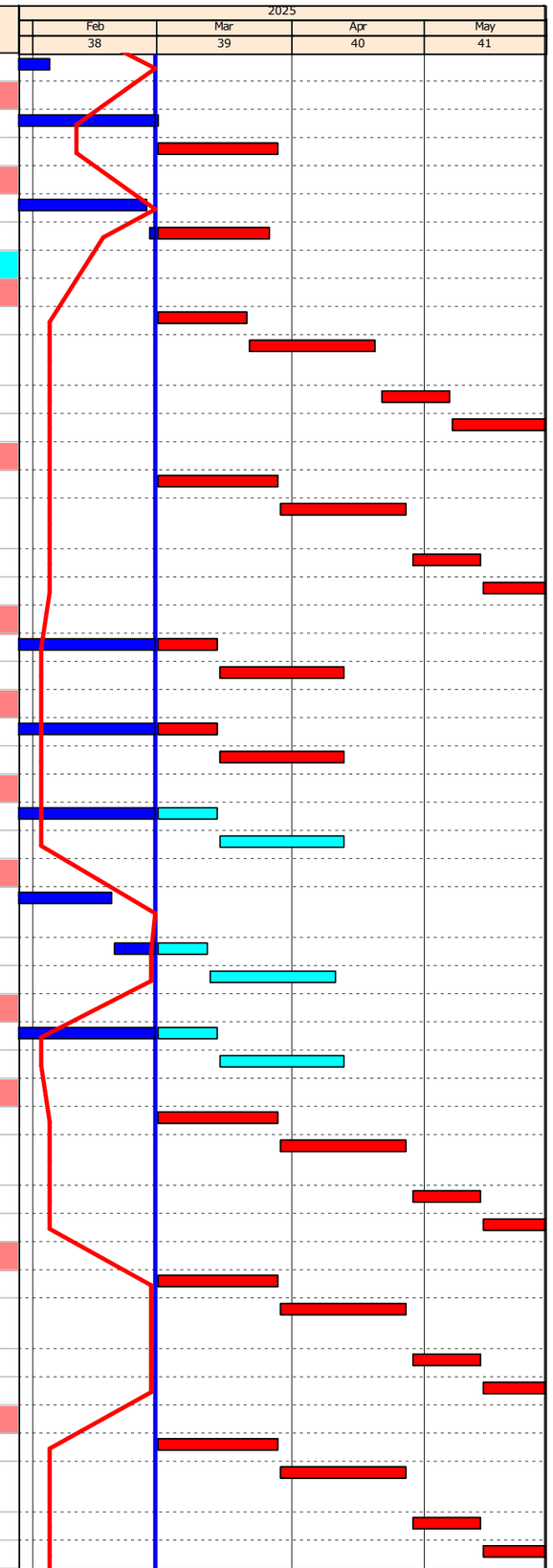
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
DS8900	Approval of SCT Plan for Operation Facility	24					25-Jan-25	04-Feb-25	DS8890: FS, SC2690: FF
Speed Enforcement System		250	01-Mar-25	28-Mar-25	22-Feb-25	22-Mar-25	24-Dec-24		
DS8850	Resubmission of SCT Plan for Speed Enforcement System	12	01-Mar-25	01-Mar-25	22-Feb-25	22-Feb-25	24-Dec-24		DS3410: FS
DS8860	Approval of SCT Plan for Speed Enforcement System	24	01-Mar-25	28-Mar-25	24-Feb-25	22-Mar-25			DS8850: FS, SC2370: FF
Power Distribution System		262	01-Mar-25	26-Mar-25	14-Sep-24	12-Oct-24	31-Oct-24		
DS3440	Resubmission of SCT Plan for Power Distribution System	12					31-Oct-24	26-Feb-25	DS3430: FS
DS3450	Approval of SCT Plan for Power Distribution System	24	01-Mar-25	26-Mar-25	14-Sep-24	12-Oct-24	27-Feb-25		DS3440: FS, SC2490: FF
SAT Plan Submissions		302	01-Mar-25	11-Jun-25	12-Nov-24	26-Oct-26	12-Dec-24		
Central System		78	01-Mar-25	04-Jun-25	07-Jan-25	11-Apr-25			
DS3500	Submission of Central System SAT Plan	18	01-Mar-25	21-Mar-25	07-Jan-25	27-Jan-25			DS2940: FS
DS3510	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	22-Mar-25	19-Apr-25	28-Jan-25	27-Feb-25			DS3500: FS
DS3520	Resubmission of SAT Plan for Central System	12	21-Apr-25	06-May-25	28-Feb-25	13-Mar-25			DS3510: FS
DS3530	Approval of SAT Plan for Central System	24	07-May-25	04-Jun-25	14-Mar-25	11-Apr-25			DS3520: FS, SC1090: FF
Traffic Control Devices		84	01-Mar-25	11-Jun-25	30-Dec-24	11-Apr-25			
DS3540	Submission of Traffic Control Devices System SAT Plan	24	01-Mar-25	28-Mar-25	30-Dec-24	27-Jan-25			DS2980: FS
DS3550	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	28-Jan-25	27-Feb-25			DS3540: FS
DS3560	Resubmission of SAT Plan for Traffic Control Devices	12	28-Apr-25	13-May-25	28-Feb-25	13-Mar-25			DS3550: FS
DS3570	Approval of SAT Plan for Traffic Control Devices	24	14-May-25	11-Jun-25	14-Mar-25	11-Apr-25			DS3560: FS, SC1220: FF
Communication System		254	01-Mar-25	12-Apr-25	19-Nov-24	31-Dec-24	17-Jan-25		
DS3600	Resubmission of SAT Plan for Communication System	12	01-Mar-25	14-Mar-25	19-Nov-24	02-Dec-24	17-Jan-25		DS3590: FS
DS3610	Approval of SAT Plan for Communication System	24	15-Mar-25	12-Apr-25	03-Dec-24	31-Dec-24			DS3600: FS, SC1350: FF
CCTV System		238	01-Mar-25	12-Apr-25	24-Feb-25	07-Apr-25	14-Jan-25		
DS3640	Resubmission of SAT Plan for CCTV System	12	01-Mar-25	14-Mar-25	24-Feb-25	08-Mar-25	14-Jan-25		DS3630: FS
DS3650	Approval of SAT Plan for CCTV System	24	15-Mar-25	12-Apr-25	10-Mar-25	07-Apr-25			DS3640: FS, SC1480: FF
PABX System		214	01-Mar-25	12-Apr-25	11-Sep-26	26-Oct-26	12-Dec-24		
DS3680	Resubmission of SAT Plan for PABX System	12	01-Mar-25	14-Mar-25	11-Sep-26	24-Sep-26	12-Dec-24		DS3670: FS
DS3690	Approval of SAT Plan for PABX System	24	15-Mar-25	12-Apr-25	25-Sep-26	26-Oct-26			DS3680: FS, SC1610: FF
ET System		250	01-Mar-25	10-Apr-25	26-Mar-25	07-May-25	25-Jan-25		
DS3710	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24					25-Jan-25	18-Feb-25	DS3700: FS
DS3720	Resubmission of SAT Plan for ET System	12	01-Mar-25	12-Mar-25	26-Mar-25	07-Apr-25	19-Feb-25		DS3710: FS
DS3730	Approval of SAT Plan for ET System	24	13-Mar-25	10-Apr-25	08-Apr-25	07-May-25			DS3720: FS, SC1740: FF
PA System		214	01-Mar-25	12-Apr-25	28-Aug-26	10-Oct-26	10-Jan-25		
DS3760	Resubmission of SAT Plan for PA System	12	01-Mar-25	14-Mar-25	28-Aug-26	10-Sep-26	10-Jan-25		DS3750: FS
DS3770	Approval of SAT Plan for PA System	24	15-Mar-25	12-Apr-25	11-Sep-26	10-Oct-26			DS3760: FS, SC1870: FF
Radio System		84	01-Mar-25	11-Jun-25	23-Jan-25	07-May-25			
DS3780	Submission of Radio System SAT Plan	24	01-Mar-25	28-Mar-25	23-Jan-25	22-Feb-25			DS3220: FS 48
DS3790	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	24-Feb-25	22-Mar-25			DS3780: FS
DS3800	Resubmission of SAT Plan for Radio System	12	28-Apr-25	13-May-25	24-Mar-25	07-Apr-25			DS3790: FS
DS3810	Approval of SAT Plan for Radio System	24	14-May-25	11-Jun-25	08-Apr-25	07-May-25			DS3800: FS, SC2000: FF
Detection System		84	01-Mar-25	11-Jun-25	04-Jan-25	16-Apr-25			
DS3820	Submission of Detection System SAT Plan	24	01-Mar-25	28-Mar-25	04-Jan-25	04-Feb-25			DS3260: FS 72
DS3830	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	05-Feb-25	04-Mar-25			DS3820: FS
DS3840	Resubmission of SAT Plan for Detection System	12	28-Apr-25	13-May-25	05-Mar-25	18-Mar-25			DS3830: FS
DS3850	Approval of SAT Plan for Detection System	24	14-May-25	11-Jun-25	19-Mar-25	16-Apr-25			DS3840: FS, SC2130: FF
Manual Fallback Control System		84	01-Mar-25	11-Jun-25	12-Nov-24	22-Feb-25			
DS3860	Submission of Manual Fallback Control System SAT Plan	24	01-Mar-25	28-Mar-25	12-Nov-24	09-Dec-24			DS3300: FS
DS3870	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	10-Dec-24	08-Jan-25			DS3860: FS
DS3880	Resubmission of SAT Plan for Manual Fallback Control System	12	28-Apr-25	13-May-25	09-Jan-25	22-Jan-25			DS3870: FS
DS3890	Approval of SAT Plan for Manual Fallback Control System	24	14-May-25	11-Jun-25	23-Jan-25	22-Feb-25			DS3880: FS, SC2270: FF



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Actual Work
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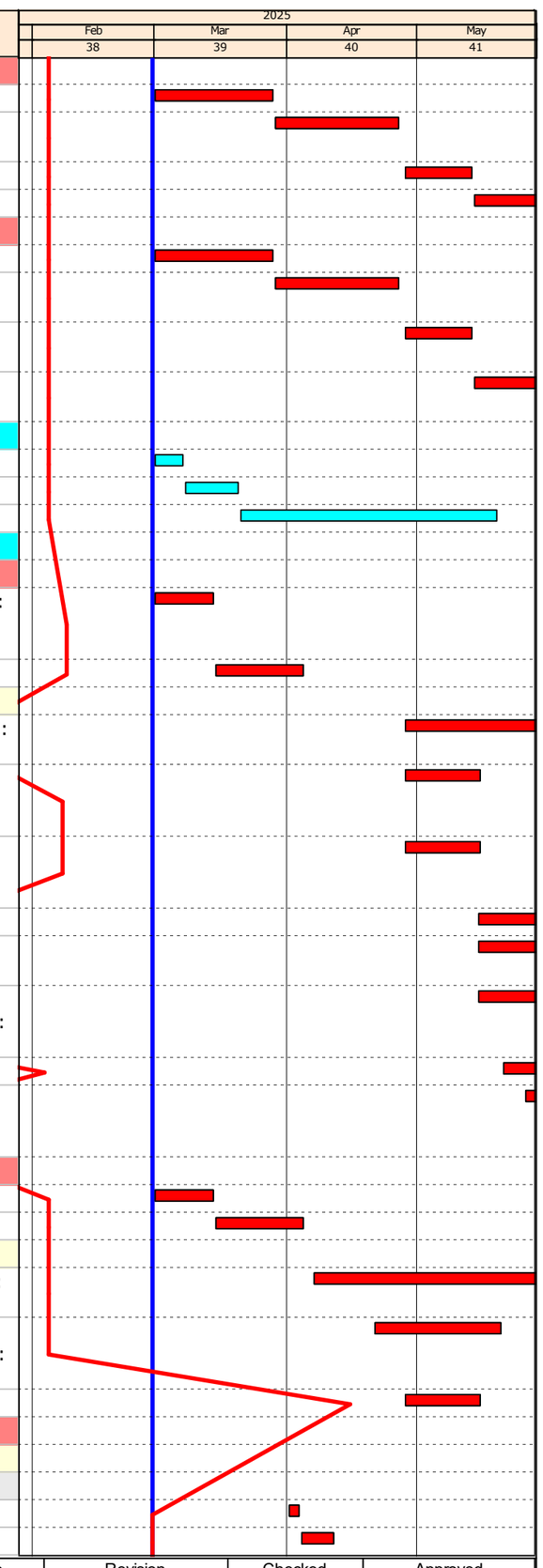
Date	Revision	Checked	Approved
28-Feb-25	Rev. 0	MY	

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
Operation Facility		84	01-Mar-25	11-Jun-25	30-Dec-24	11-Apr-25			
DS3900	Submission of Operation Facility SAT Plan	24	01-Mar-25	28-Mar-25	30-Dec-24	27-Jan-25			DS3340: FS
DS3910	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	28-Jan-25	27-Feb-25			DS3900: FS
DS3920	Resubmission of SAT Plan for Operation Facility	12	28-Apr-25	13-May-25	28-Feb-25	13-Mar-25			DS3910: FS
DS3930	Approval of SAT Plan for Operation Facility	24	14-May-25	11-Jun-25	14-Mar-25	11-Apr-25			DS3920: FS, SC2710: FF
Speed Enforcement System		84	01-Mar-25	11-Jun-25	30-Dec-24	11-Apr-25			
DS3940	Submission of Speed Enforcement System Reliability Test Plan	24	01-Mar-25	28-Mar-25	30-Dec-24	27-Jan-25			DS3380: FS
DS3950	Comment on Reliability Test Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	28-Jan-25	27-Feb-25			DS3940: FS
DS3960	Resubmission of Reliability Test Plan for Speed Enforcement System	12	28-Apr-25	13-May-25	28-Feb-25	13-Mar-25			DS3950: FS
DS3970	Approval of Reliability Test Plan for Speed Enforcement System	24	14-May-25	11-Jun-25	14-Mar-25	11-Apr-25			DS3960: FS, SC2380: FF
Training Document & O&M Manual Submission for T2/TKOLTT TCSS		65	01-Mar-25	19-May-25	25-Aug-27	11-Nov-27			
DS3980	Submit Document for System Description	6	01-Mar-25	07-Mar-25	25-Aug-27	31-Aug-27			DS3580: SS 30
DS4010	Submit System Administration Manual	11	08-Mar-25	20-Mar-25	01-Sep-27	13-Sep-27			DS3980: FS
DS4020	Submit Training Manual	48	21-Mar-25	19-May-25	14-Sep-27	11-Nov-27			DS4010: FS
Site Installation and Testing & Commissioning		382	01-Mar-25	08-Aug-25	09-Mar-24	20-Jan-28	01-Apr-24		
Portion 4 - TKO-LTT (LT Interchange)		118	01-Mar-25	22-Jul-25	09-Mar-24	25-Nov-24			
SW1020	Inpect Civil Provisions & Submit Inspection Report	12	01-Mar-25	14-Mar-25	09-Mar-24	22-Mar-24			AC1030: SS, DS6600: FS, DS6680: FS, DS6760: FS, DS6840: FS
SW1030	Rectify Civil Provision Defects by Others	18	15-Mar-25	04-Apr-25	23-Mar-24	13-Apr-24			SW1020: FS
Installation Works		70	28-Apr-25	22-Jul-25	07-May-24	25-Nov-24			
SW1040	Install Cable Containments	48	28-Apr-25	25-Jun-25	07-May-24	04-Jul-24			DS6400: FS, DS6540: FS, SW1030: FS 18
SW1130	Install VSLS on Gantry	14	28-Apr-25	15-May-25	02-Sep-24	17-Sep-24			SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS
SW1140	Install PVMS on Gantry	14	28-Apr-25	15-May-25	04-Jul-24	19-Jul-24			SC1210: FF, EM1030: FS, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS
SW1050	Install Equipment Racks	24	15-May-25	12-Jun-25	19-Jul-24	15-Aug-24			SW1030: FS, SW1140: SS 13
SW1060	Install CCTV Camera	36	15-May-25	26-Jun-25	23-Jul-24	02-Sep-24			SW1040: SS 13, SW1930: SS 13, DS4090: FS, DS6440: FS
SW1070	Install Detection Camera	36	15-May-25	26-Jun-25	23-Jul-24	02-Sep-24			SW1040: SS 13, SW1930: SS 13, DS4490: FS, DS6440: FS, DS7500: FS
SW1170	Install Manual Barriers	24	21-May-25	18-Jun-25	29-Oct-24	25-Nov-24			SW1130: FS, SW1140: SS 18
SW1080	Laying of Signal Cable - the 1st Section	48	26-May-25	22-Jul-25	02-Aug-24	27-Sep-24			SW1040: SS 22, SW1060: SS 9, SW1070: SS 9, SW1930: SS 22, DS8480: FS, DS8580: FS
Portion 1 - South Apron Up to SUS		78	01-Mar-25	04-Jun-25	31-May-24	04-Nov-24			
SW1210	Inspect Civil Provisions & Submit Inspection Report	12	01-Mar-25	14-Mar-25	31-May-24	14-Jun-24			AC1000: SS
SW1220	Rectify Civil Provision Defects by Others	18	15-Mar-25	04-Apr-25	15-Jun-24	06-Jul-24			SW1210: FS
Installation Works		48	07-Apr-25	04-Jun-25	08-Jul-24	04-Nov-24			
SW1230	Install Cable Containments - the 1st Section	48	07-Apr-25	04-Jun-25	08-Jul-24	31-Aug-24			SW1220: FS, SC2480: FF, DS6404: FS, DS6540: FS
SW1250	Install Detection Cameras	24	21-Apr-25	20-May-25	07-Oct-24	04-Nov-24			SW1230: SS 12, SW2000: SS 12, DS4490: FS, DS6440: FS, DS7500: FS
SW1260	Signal Cable Laying - the 1st Section	14	28-Apr-25	15-May-25	11-Sep-24	27-Sep-24			SW1230: SS 18
Portion 2 - Tunnel Section, Service Gallery, WVB & EVB		382	01-Mar-25	08-Aug-25	20-Jul-24	20-Jan-28	01-Apr-24		
Tunnel Section		151	01-Mar-25	08-Aug-25	25-Jul-24	20-Jan-28	01-Nov-24		
Tunnel Section - LSCC to CP7		54	01-Apr-25	06-Jun-25	11-Sep-24	07-Apr-25			
SW3080	Inspect Civil Provisions & Submit Inspection Report	3	01-Apr-25	03-Apr-25	11-Sep-24	13-Sep-24			AC1010a: SS
SW3090	Rectify Civil Provision Defects by Others	6	04-Apr-25	11-Apr-25	14-Sep-24	21-Sep-24			SW3080: FS



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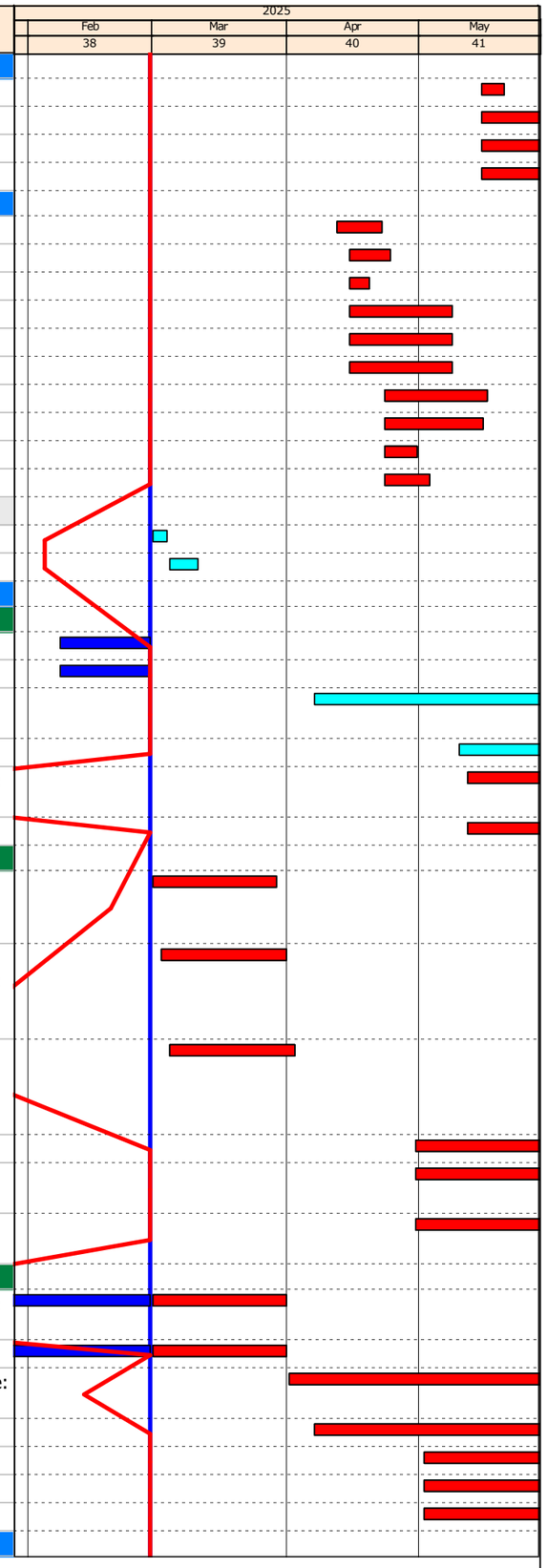
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
East Bound		19	15-May-25	06-Jun-25	15-Feb-25	07-Apr-25			
SW302(	Install ET (Service Gallery)	5	15-May-25	20-May-25	04-Mar-25	08-Mar-25			AC1010i: SS
SW3050	Install PA in Service Gallery	19	15-May-25	06-Jun-25	15-Mar-25	07-Apr-25			AC1010i: SS
SW3060	Install PABX in Service Gallery	19	15-May-25	06-Jun-25	15-Mar-25	07-Apr-25			SW3050: SS, AC1010i: SS
SW3070	Install Radio System in Service Gallery	19	15-May-25	06-Jun-25	15-Feb-25	08-Mar-25			AC1010i: SS
West Bound		28	12-Apr-25	16-May-25	02-Oct-24	07-Apr-25			
SW3100	Install Cable Containment (CP Side)	9	12-Apr-25	22-Apr-25	02-Oct-24	12-Oct-24			AC1010a: SS, SW3090: FS
SW310(	Install Cable Containment (NCP Side)	9	15-Apr-25	24-Apr-25	02-Oct-24	12-Oct-24			AC1010b: SS
SW314(	Install ET (Service Gallery)	5	15-Apr-25	19-Apr-25	04-Mar-25	08-Mar-25			AC1010e: SS
SW3170	Install PA in Service Gallery	19	15-Apr-25	08-May-25	01-Mar-25	22-Mar-25			AC1010e: SS
SW3180	Install PABX in Service Gallery	19	15-Apr-25	08-May-25	15-Mar-25	07-Apr-25			AC1010e: SS
SW3190	Install Radio System in Service Gallery	19	15-Apr-25	08-May-25	15-Feb-25	08-Mar-25			AC1010e: SS
SW3110	Install CCTV Camera	19	23-Apr-25	16-May-25	13-Feb-25	06-Mar-25			SW3100: FS, AC1010c: SS
SW3120	Install Detection Camera	18	23-Apr-25	15-May-25	27-Dec-24	17-Jan-25			SW3100: FS, AC1010c: SS
SW3130	Install SEC Camera	7	23-Apr-25	30-Apr-25	15-Mar-25	22-Mar-25			SW3100: FS
SW3150	Install Traffic Control Devices	9	23-Apr-25	03-May-25	13-Feb-25	22-Feb-25			SW3100: FS, AC1010c: SS
Tunnel Section - CP7 to CP11		151	01-Mar-25	08-Aug-25	25-Jul-24	20-Jan-28	01-Nov-24		
SW2860	Inspect Civil Provisions & Submit Inspection Report	3	01-Mar-25	04-Mar-25	11-Jan-28	13-Jan-28			AC1050a: SS
SW2870	Rectify Civil Provision Defects by Others	6	05-Mar-25	11-Mar-25	14-Jan-28	20-Jan-28			SW2860: FS
East Bound		151	01-Mar-25	08-Aug-25	25-Jul-24	20-Jan-28	01-Nov-24		
CP Side		130	07-Apr-25	08-Aug-25	12-Nov-24	20-Jan-28	08-Feb-25		
SW406	Install TCSS Cabinet - CP7 to CP11	22					08-Feb-25	28-Feb-25	SW2350: SS, AC1050d: SS
SW407	Install IDF - CP7 to CP11	22					08-Feb-25	28-Feb-25	SW4060: SS, AC1050d: SS
SW4060	TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	75	07-Apr-25	10-Jul-25	23-Oct-27	20-Jan-28			SW4060: SS, SW2340d: SS
SW406	TCSS Cabinet - Physical Inspection - CP7 to CP21	25	10-May-25	09-Jun-25	21-Dec-27	20-Jan-28			SW4060a: SS 24
SW2340	Install ET (Road Level) - CP7 to CP11	16	12-May-25	29-May-25	12-Nov-24	29-Nov-24			DS4190: FS, DS6080: FS, DS6480: FS, AC1050i: SS 12
SW234	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	75	12-May-25	08-Aug-25	26-Nov-24	08-Mar-25			SW2340: SS
OHVD		127	01-Mar-25	05-Aug-25	17-Aug-24	22-Feb-25			
SW2310	Install CCTV Camera - CP7 to CP11	25	01-Mar-25	29-Mar-25	17-Aug-24	14-Sep-24			SC1470: FF, DS4090: FS, DS6440: FS, SW2300: FS, AC1050b: SS
SW2320	Install Detection Camera - CP7 to CP11	25	03-Mar-25	31-Mar-25	23-Sep-24	23-Oct-24			SW2310: SS 1, SC2120: FF, DS6440: FS, DS7500: FS, EM1530: FS, SW2300: FS, AC1050b: SS
SW2350	Install Traffic Control Devices - CP7 to CP11	25	05-Mar-25	02-Apr-25	06-Nov-24	04-Dec-24			SW2300: FS, SC1210: FF, DS2810: FS, EM1650: FS, AC1050b: SS, SW2310: SS 3, DS5920: FS
SW231	CCTV - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	30-Apr-25	05-Aug-25	15-Oct-24	17-Jan-25			SW2310: SS 16, SW2430: SS 22
SW2320	Detection Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	30-Apr-25	05-Aug-25	15-Oct-24	17-Jan-25			SW2320: SS, SW2310a: SS
SW2350	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	30-Apr-25	05-Aug-25	06-Nov-24	22-Feb-25			SW2350: SS, SW2310a: SS
Service Gallery		99	01-Mar-25	07-Jun-25	25-Jul-24	22-Mar-25	01-Nov-24		
SW2370	Install PA in Service Gallery - CP7 to CP11	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	01-Nov-24		DS4240: FS, DS6480: FS, DS6120: FS, AC1050e: SS
SW234	Install ET in Service Gallery - CP7 to CP11	17	01-Mar-25	31-Mar-25	25-Jul-24	23-Aug-24	01-Nov-24		AC1050e: SS
SW2390	Install LCX Bracket - CP7 to CP21	49	01-Apr-25	30-May-25	24-Aug-24	23-Oct-24			DS4390: FS, DS6520: FS, AC1050e: SS, SW2340a: FS
SW234	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	48	07-Apr-25	07-Jun-25	15-Oct-24	09-Dec-24			SW2340a: FS 4, SW2590a: FS
SW239	Install LCX Cable - CP7 to CP21	24	02-May-25	30-May-25	24-Jan-25	06-Mar-25			SW2390: SS 25
SW239	Install RAD Feeder Cable - CP7 to CP21	24	02-May-25	30-May-25	24-Jan-25	06-Mar-25			SW2390a: SS
SW239	Install RAD Equipment & Coupler - CP7 to CP21	24	02-May-25	30-May-25	24-Jan-25	06-Mar-25			SW2390b: SS
West Bound		128	01-Mar-25	16-Jul-25	28-Aug-24	06-Mar-25	01-Nov-24		



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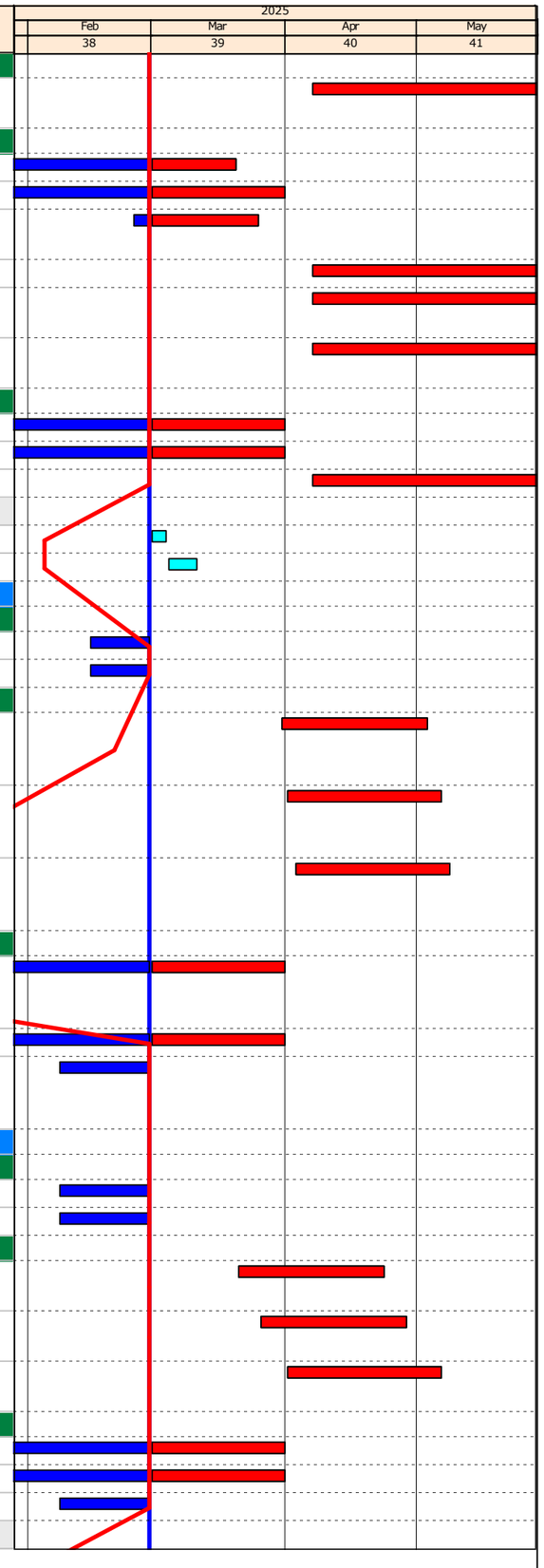
CP Side		75	07-Apr-25	10-Jul-25	11-Nov-24	21-Feb-25			
SW4100	TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	75	07-Apr-25	10-Jul-25	11-Nov-24	21-Feb-25			SW4100: SS, SW2340d: SS
OHVD		110	01-Mar-25	16-Jul-25	15-Oct-24	06-Mar-25	15-Jan-25		
SW322	Install Detection Camera - CP7 to CP11	25	01-Mar-25	20-Mar-25	15-Oct-24	02-Nov-24	15-Jan-25		AC1050b: SS, SW3200: FS
SW325	Install Traffic Control Devices - CP7 to CP11	25	01-Mar-25	31-Mar-25	06-Nov-24	05-Dec-24	15-Jan-25		AC1050b: SS, SW3200: FS
SW3210	Install CCTV Camera - CP7 to CP11	25	01-Mar-25	25-Mar-25	18-Nov-24	11-Dec-24	25-Feb-25		AC1050b: SS, SW3200: FS, SW3250: FS 3
SW321	CCTV - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	07-Apr-25	16-Jul-25	18-Nov-24	06-Mar-25			SW3210: SS, SW3220a: SS
SW3220	Detection Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	07-Apr-25	16-Jul-25	15-Oct-24	17-Jan-25			SW3220: SS, SW2340d: SS
SW3250	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	07-Apr-25	16-Jul-25	06-Nov-24	22-Feb-25			SW3250: SS, SW3220a: SS
Service Gallery		96	01-Mar-25	07-Jun-25	28-Aug-24	24-Jan-25	01-Nov-24		
SW324	Install ET in Service Gallery - CP7 to CP11	17	01-Mar-25	31-Mar-25	29-Oct-24	27-Nov-24	01-Nov-24		AC1050h: SS
SW327	Install PA in Service Gallery - CP7 to CP11	17	01-Mar-25	31-Mar-25	28-Aug-24	27-Sep-24	01-Nov-24		AC1050h: SS
SW324	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	48	07-Apr-25	07-Jun-25	28-Nov-24	24-Jan-25			SW3240a: FS, SW2340d: SS
Tunnel Section - CP11 to CP16		74	01-Mar-25	08-May-25	16-Sep-24	20-Jan-28	04-Dec-24		
SW2880	Inspect Civil Provisions & Submit Inspection Report	3	01-Mar-25	04-Mar-25	11-Jan-28	13-Jan-28			AC1060a: SS
SW2890	Rectify Civil Provision Defects by Others	6	05-Mar-25	11-Mar-25	14-Jan-28	20-Jan-28			SW2880: FS
East Bound		71	01-Mar-25	08-May-25	16-Sep-24	22-Mar-25	04-Dec-24		
CP Side		22					15-Feb-25	28-Feb-25	
SW414	Install TCSS Cabinet - CP11 to CP16	22					15-Feb-25	28-Feb-25	SW4060: SS 6, AC1060d: SS
SW415	Install IDF - CP11 to CP16	22					15-Feb-25	28-Feb-25	SW4140: SS, AC1060d: SS
OHVD		28	31-Mar-25	08-May-25	16-Sep-24	10-Jan-25			
SW2430	Install CCTV Camera - CP11 to CP16	25	31-Mar-25	03-May-25	16-Sep-24	17-Oct-24			SC1470: FF, DS4090: FS, DS6440: FS, AC1060b: SS, SW2310: FS
SW2450	Install Detection Camera - CP11 to CP16	25	01-Apr-25	06-May-25	19-Nov-24	17-Dec-24			SC2120: FF, DS6440: FS, DS7500: FS, EM1530: FS, AC1060b: SS, SW2320: FS
SW2460	Install Traffic Control Devices - CP11 to CP16	25	03-Apr-25	08-May-25	11-Dec-24	10-Jan-25			SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FF, AC1060b: SS, SW2350: FS
Service Gallery		40	01-Mar-25	31-Mar-25	24-Jan-25	22-Mar-25	04-Dec-24		
SW2410	Install PA in Service Gallery - CP11 to CP16	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	04-Dec-24		SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1060e: SS
SW248	Install ET in Service Gallery - CP11 to CP16	17	01-Mar-25	31-Mar-25	24-Jan-25	08-Mar-25	04-Dec-24		AC1060e: SS
SW2440	Install IDF in Service Gallery - CP11 to CP16	22					08-Feb-25	28-Feb-25	SC1590: FF, DS4140: FS, DS6040: FF, DS6480: FS, AC1060e: SS
West Bound		69	01-Mar-25	06-May-25	25-Nov-24	22-Mar-25	04-Dec-24		
CP Side		22					08-Feb-25	28-Feb-25	
SW419	Install TCSS Cabinet - CP11 to CP16	22					08-Feb-25	28-Feb-25	SW3300: FS, AC1060d: SS
SW420	Install IDF - CP11 to CP16	22					08-Feb-25	28-Feb-25	SW4190: SS, AC1060d: SS
OHVD		34	21-Mar-25	06-May-25	25-Nov-24	11-Feb-25			
SW3320	Install Detection Camera - CP11 to CP16	25	21-Mar-25	23-Apr-25	25-Nov-24	23-Dec-24			SW3300: FS, AC1060b: SS, SW3220: FS
SW3310	Install CCTV Camera - CP11 to CP16	25	26-Mar-25	28-Apr-25	30-Dec-24	11-Feb-25			SW3300: FS, AC1060b: SS, SW3210: FS
SW3370	Install Traffic Control Devices - CP11 to CP16	25	01-Apr-25	06-May-25	17-Dec-24	16-Jan-25			SW3300: FS, AC1060b: SS, SW3250: FS
Service Gallery		40	01-Mar-25	31-Mar-25	24-Jan-25	22-Mar-25	04-Dec-24		
SW334	Install PA in Service Gallery - CP11 to CP16	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	04-Dec-24		AC1060h: SS
SW336	Install ET in Service Gallery - CP11 to CP16	17	01-Mar-25	31-Mar-25	24-Jan-25	08-Mar-25	04-Dec-24		AC1060h: SS
SW335	Install IDF in Service Gallery - CP11 to CP16	22					08-Feb-25	28-Feb-25	AC1060h: SS
Tunnel Section - CP16 to CP21		99	01-Mar-25	07-Jun-25	11-Sep-24	20-Jan-28	26-Dec-24		



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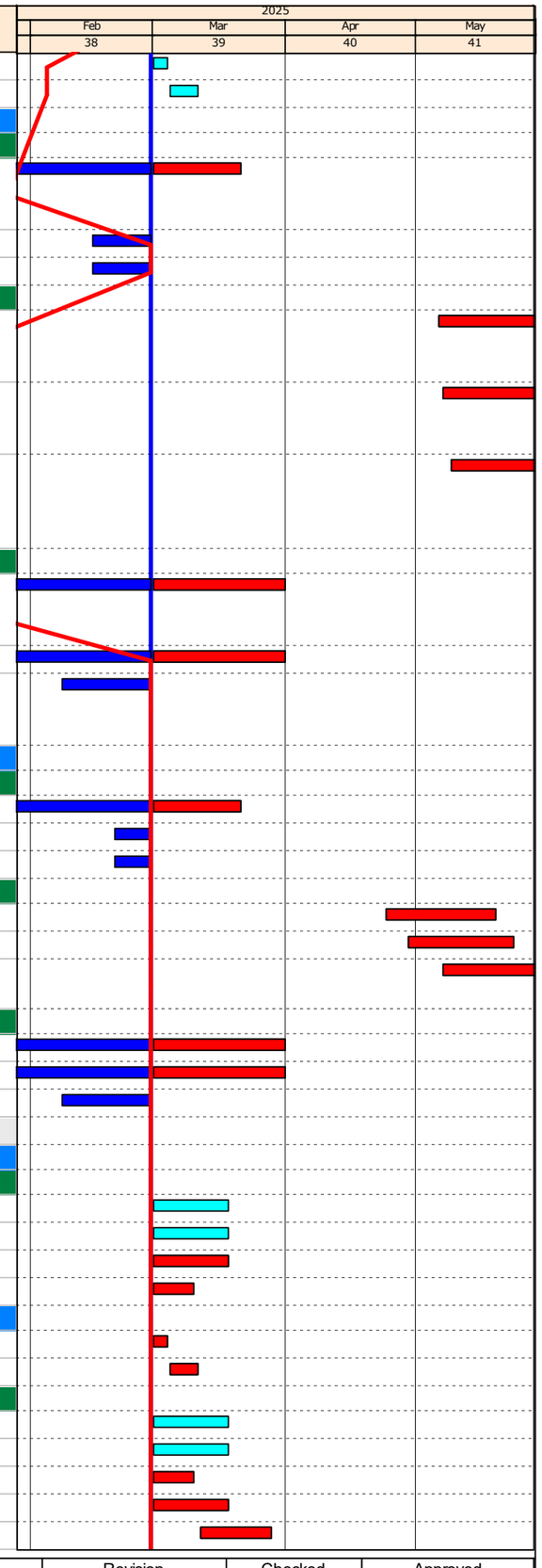
SW2900	Inspect Civil Provisions & Submit Inspection Report	3	01-Mar-25	04-Mar-25	11-Jan-28	13-Jan-28			AC1070a: SS
SW2910	Rectify Civil Provision Defects by Others	6	05-Mar-25	11-Mar-25	14-Jan-28	20-Jan-28			SW2900: FS
East Bound		96	01-Mar-25	07-Jun-25	11-Sep-24	22-Mar-25	26-Dec-24		
CP Side		54	01-Mar-25	21-Mar-25	20-Sep-24	12-Oct-24	26-Dec-24		
SW2510	Install Cable Containment - CP16 to CP21	28	01-Mar-25	21-Mar-25	20-Sep-24	12-Oct-24	26-Dec-24		SC2480: FF, EM1620: FF, DS6404: FS, DS6540: FS, SW2910: FS, AC1070a: SS
SW424	Install TCSS Cabinet - CP16 to CP21	22					15-Feb-25	28-Feb-25	SW2510: FS 14, AC1070d: SS
SW425	Install IDF - CP16 to CP21	22					15-Feb-25	28-Feb-25	SW4240: SS, AC1070d: SS
OHVD		28	06-May-25	07-Jun-25	18-Dec-24	06-Mar-25			
SW2550	Install CCTV Camera - CP16 to CP21	25	06-May-25	04-Jun-25	23-Jan-25	06-Mar-25			SC1470: FF, DS4090: FS, DS6440: FS, AC1070b: SS, SW2430: FS
SW2580	Install Detection Camera - CP16 to CP21	25	07-May-25	05-Jun-25	18-Dec-24	17-Jan-25			SC2120: FF, DS6440: FS, DS7500: FS, EM1530: FS, AC1070b: SS, SW2450: FS
SW2540	Install Traffic Control Devices - CP16 to CP21	25	09-May-25	07-Jun-25	11-Jan-25	22-Feb-25			SW2510: FS, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, AC1070b: SS, SW2460: FS
Service Gallery		59	01-Mar-25	31-Mar-25	11-Sep-24	22-Mar-25	08-Jan-25		
SW2530	Install PA in Service Gallery - CP16 to CP21	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	08-Jan-25		SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1070e: SS
SW259	Install ET in Service Gallery - CP16 to CP21	17	01-Mar-25	31-Mar-25	11-Sep-24	14-Oct-24	08-Jan-25		AC1070e: SS
SW2560	Install IDF in Service Gallery - CP16 to CP21	22					08-Feb-25	28-Feb-25	SC1590: FF, DS4140: FS, DS6040: FS, DS6480: FS, AC1070e: SS, SW2440: FS
West Bound		89	01-Mar-25	29-May-25	20-Sep-24	22-Mar-25	26-Dec-24		
CP Side		59	01-Mar-25	21-Mar-25	20-Sep-24	12-Oct-24	26-Dec-24		
SW341	Install Cable Containment - CP16 to CP21	28	01-Mar-25	21-Mar-25	20-Sep-24	12-Oct-24	26-Dec-24		SW2910: FS
SW429	Install TCSS Cabinet - CP16 to CP21	22					20-Feb-25	28-Feb-25	SW3410: FS 7, AC1070d: SS
SW430	Install IDF - CP16 to CP21	22					20-Feb-25	28-Feb-25	SW4290: SS, AC1070d: SS
OHVD		29	24-Apr-25	29-May-25	24-Dec-24	06-Mar-25			
SW343	Install Detection Camera - CP16 to CP21	20	24-Apr-25	19-May-25	24-Dec-24	17-Jan-25			AC1070b: SS, SW3320: FS
SW342	Install CCTV Camera - CP16 to CP21	20	29-Apr-25	23-May-25	12-Feb-25	06-Mar-25			AC1070b: SS, SW3310: FS
SW3480	Install Traffic Control Devices - CP16 to CP21	20	07-May-25	29-May-25	17-Jan-25	22-Feb-25			SW3410: FS, AC1070b: SS, SW3370: FS
Service Gallery		59	01-Mar-25	31-Mar-25	24-Jan-25	22-Mar-25	08-Jan-25		
SW345	Install PA in Service Gallery - CP16 to CP21	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	08-Jan-25		AC1070h: SS
SW347	Install ET in Service Gallery - CP16 to CP21	17	01-Mar-25	31-Mar-25	24-Jan-25	08-Mar-25	08-Jan-25		AC1070h: SS
SW346	Install IDF in Service Gallery - CP16 to CP21	22					08-Feb-25	28-Feb-25	AC1070h: SS, SW3350: FS
Tunnel Section - CP21 to CP26		47	01-Mar-25	25-Apr-25	26-Aug-24	07-Apr-25			
East Bound		15	01-Mar-25	18-Mar-25	20-Feb-25	07-Apr-25			
East Bound - Tunnel Section - CP21 to CP24		15	01-Mar-25	18-Mar-25	20-Feb-25	07-Apr-25			
SW398	Install PA in Service Gallery	15	01-Mar-25	18-Mar-25	06-Mar-25	22-Mar-25			AC1080j: SS
SW401	Install PABX in Service Gallery	15	01-Mar-25	18-Mar-25	20-Mar-25	07-Apr-25			AC1080j: SS
SW402	Install Radio System in Service Gallery	15	01-Mar-25	18-Mar-25	20-Feb-25	08-Mar-25			AC1080j: SS
SW404	Install ET (Service Gallery)	8	01-Mar-25	10-Mar-25	28-Feb-25	08-Mar-25			AC1080j: SS
West Bound		47	01-Mar-25	25-Apr-25	26-Aug-24	07-Apr-25			
SW3620	Inspect Civil Provisions & Submit Inspection Report	3	01-Mar-25	04-Mar-25	26-Aug-24	28-Aug-24			AC1080c: SS
SW3630	Rectify Civil Provision Defects by Others	6	05-Mar-25	11-Mar-25	29-Aug-24	04-Sep-24			SW3620: FS
West Bound - Tunnel Section - CP21 to CP24		47	01-Mar-25	25-Apr-25	05-Sep-24	07-Apr-25			
SW354	Install PA in Service Gallery	15	01-Mar-25	18-Mar-25	06-Mar-25	22-Mar-25			AC1080e: SS
SW355	Install PABX in Service Gallery	15	01-Mar-25	18-Mar-25	20-Mar-25	07-Apr-25			AC1080e: SS
SW356	Install ET (Service Gallery)	8	01-Mar-25	10-Mar-25	28-Feb-25	08-Mar-25			AC1080e: SS
SW358	Install Radio System in Service Gallery	15	01-Mar-25	18-Mar-25	20-Feb-25	08-Mar-25			AC1080e: SS
SW350	Install Cable Containment (CP Side)	15	12-Mar-25	28-Mar-25	05-Sep-24	23-Sep-24			SW3630: FS



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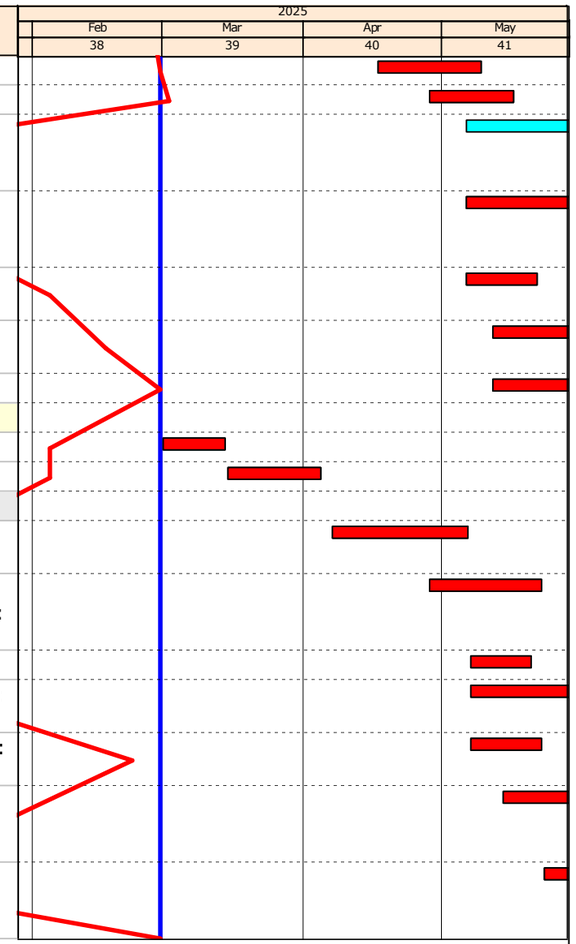
SW350	Install Cable Containment (NCP Side)	15	29-Mar-25	16-Apr-25	24-Sep-24	12-Oct-24			SW3500: FS
SW351	Install CCTV Camera	11	29-Mar-25	11-Apr-25	16-Oct-24	28-Oct-24			SW3500: FS
SW352	Install Detection Camera	11	29-Mar-25	11-Apr-25	16-Oct-24	28-Oct-24			SW3500: FS
SW359	Install SEC Camera	11	29-Mar-25	11-Apr-25	11-Mar-25	22-Mar-25			SW3500: FS
SW353	Install VSLS (CP Side)	11	31-Mar-25	12-Apr-25	25-Jan-25	10-Feb-25			SW3500: SS 12, AC1080h: SS
SW357	Install Traffic Control Devices	11	02-Apr-25	15-Apr-25	16-Oct-24	28-Oct-24			SW3500: SS 18, SW3500: FS
SW353	Install VSLS (NCP Side)	11	14-Apr-25	25-Apr-25	11-Feb-25	22-Feb-25			SW3530: FS, AC1080h: SS
West Bound - Tunnel Section - CP24 to CP26		9	01-Mar-25	11-Mar-25	27-Feb-25	07-Apr-25			
SW368	Install PA in Service Gallery	9	01-Mar-25	11-Mar-25	13-Mar-25	22-Mar-25			AC1080g: SS
SW369	Install PABX in Service Gallery	9	01-Mar-25	11-Mar-25	27-Mar-25	07-Apr-25			AC1080g: SS
SW370	Install ET (Service Gallery)	4	01-Mar-25	05-Mar-25	05-Mar-25	08-Mar-25			AC1080g: SS
SW372	Install Radio System in Service Gallery	9	01-Mar-25	11-Mar-25	27-Feb-25	08-Mar-25			AC1080g: SS
Tunnel Section - CP26 to CP32		26	02-May-25	03-Jun-25	17-Sep-24	22-Mar-25			
East Bound		26	02-May-25	03-Jun-25	07-Feb-25	08-Mar-25			
East Bound - Tunnel Section - CP29 to CP32 (CKL Main Tunnel)		26	02-May-25	03-Jun-25	07-Feb-25	08-Mar-25			
SW2740	Install PA in Service Gallery	10	02-May-25	14-May-25	07-Feb-25	18-Feb-25			SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1090f: SS
SW282	Install ET (Service Gallery)	6	02-May-25	09-May-25	03-Mar-25	08-Mar-25			AC1090f: SS
SW2770	Install PABX in Service Gallery	11	14-May-25	26-May-25	18-Feb-25	01-Mar-25			SW2740a: SS 9, SC1590: FF, DS4140: FS, DS6040: FS, DS6480: FS, AC1090f: SS
SW2800	Install Radio System in Service Gallery	11	21-May-25	03-Jun-25	25-Feb-25	08-Mar-25			SW2770a: SS 6, SC1990: FF, DS4390: FS, DS6160: FS, DS6520: FS, AC1090f: SS
West Bound		26	02-May-25	03-Jun-25	17-Sep-24	22-Mar-25			
West Bound - Tunnel Section - CP30 to CP32 (CKL Main Tunnel)		26	02-May-25	03-Jun-25	17-Sep-24	22-Mar-25			
SW376	Install Cable Containment (CP Side)	10	02-May-25	14-May-25	17-Sep-24	28-Sep-24			AC1090g: SS
SW380	Install PA in Service Gallery	8	02-May-25	12-May-25	07-Feb-25	15-Feb-25			AC1090h: SS
SW382	Install ET (Service Gallery)	5	02-May-25	08-May-25	04-Mar-25	08-Mar-25			AC1090h: SS
SW381	Install PABX in Service Gallery	9	13-May-25	22-May-25	17-Feb-25	26-Feb-25			AC1090h: SS, SW3800a: FS
SW376	Install Cable Containment (NCP Side)	10	15-May-25	26-May-25	30-Sep-24	12-Oct-24			SW3760b: FS
SW377	Install CCTV Camera	8	15-May-25	23-May-25	05-Nov-24	13-Nov-24			SW3760b: FS
SW378	Install Detection Camera	8	15-May-25	23-May-25	05-Nov-24	13-Nov-24			SW3760b: FS
SW379	Install VSLS (CP Side)	6	15-May-25	21-May-25	10-Feb-25	15-Feb-25			SW3760b: FS
SW382	Install ET (Road Level)	5	15-May-25	20-May-25	04-Mar-25	08-Mar-25			SW3760b: FS
SW383	Install Traffic Control Devices	8	15-May-25	23-May-25	05-Nov-24	13-Nov-24			SW3760b: FS, SW3760b: FF
SW385	Install SEC Camera	8	15-May-25	23-May-25	14-Mar-25	22-Mar-25			SW3760b: FS
SW388	Install PVMS	5	15-May-25	20-May-25	18-Feb-25	22-Feb-25			SW3760b: FS
SW379	Install VSLS (NCP Side)	6	22-May-25	28-May-25	17-Feb-25	22-Feb-25			SW3790b: FS
SW384	Install Radio System in Service Gallery	9	23-May-25	03-Jun-25	27-Feb-25	08-Mar-25			AC1090h: SS, SW3810a: FS
SW3870	Signal Cable Laying and Termination (CP30 to CP32) (CP Side)	5	24-May-25	29-May-25	14-Nov-24	19-Nov-24			SW3760b: FS, SW3770a: FS, SW3780a: FS, SW3830a: FS
West Ventilation Building		338	01-Mar-25	17-Jun-25	13-Sep-24	20-Jan-28	01-Apr-24		
Installation Works		338	01-Mar-25	17-Jun-25	13-Sep-24	20-Jan-28	01-Apr-24		
SW1650	Install Cable Containments	24	01-Mar-25	05-Mar-25	13-Sep-24	17-Sep-24	01-Apr-24		SC2480: FF, DS6400: FS, DS6540: FS
SW1710	Install LCX Bracket	21	22-Mar-25	16-Apr-25	14-Dec-24	09-Jan-25			SW4340: FS, DS3250: FS
SW1690	Install PABX Equipment	36	15-Apr-25	02-Jun-25	30-Oct-24	10-Dec-24			SW1650: FS 33, SC1590: FF, DS4140: FS, DS6040: FS 2, DS6480: FS
SW1720	Install PA Equipment	27	15-Apr-25	21-May-25	20-Feb-25	22-Mar-25			SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, SW1690: SS
SW1730	Install ET Equipment	12	15-Apr-25	02-May-25	30-Oct-24	12-Nov-24			SC1720: FF, DS4190: FS, DS6080: FS, DS6480: FS, SW1690: SS

Remaining Work
Actual Work
Critical Activity
Milestone

Date	Revision	Checked	Approved
28-Feb-25	Rev. 0	MY	

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
SW1710	Install LCX Cable	18	17-Apr-25	09-May-25	10-Jan-25	03-Feb-25			SW1710a: FS
SW1740	Signal Cable Laying	15	28-Apr-25	16-May-25	08-Nov-24	25-Nov-24			SW1730: SS 8
SW1670	Install Network Equipment	36	06-May-25	17-Jun-25	08-Dec-27	20-Jan-28			SW1660: FS, SC1330: FF, DS4340: FS, DS4440: FS, SW1700: SS
SW1680	Install Manual Fallback Control Equipment	24	06-May-25	03-Jun-25	29-Oct-24	25-Nov-24			EM1110: FS, SC2240: FF, DS6240: FS, DS7370: FS, DS8310: FS, SW1700: SS
SW1700	Install Operation Facilities Equipment	14	06-May-25	21-May-25	29-Oct-24	13-Nov-24			EM1120: FS, SC2680: FF, DS6280: FS
SW1710	Install RAD Equipment & Coupler	28	12-May-25	13-Jun-25	05-Feb-25	08-Mar-25			SC1990: FF, DS4390: FS, DS6520: FS, SW1710b: FS 1
SW1710c	RAD Connection & SCT	28	12-May-25	13-Jun-25	02-Apr-25	07-May-25			SW1710: SS
East Ventilation Building		90	01-Mar-25	18-Jun-25	20-Jul-24	07-Nov-24			
SW2960	Inspect Civil Provisions & Submit Inspection Report	12	01-Mar-25	14-Mar-25	20-Jul-24	02-Aug-24			AC1010: SS, KD1010: FS
SW2970	Rectify Civil Provision Defects by Others	18	15-Mar-25	04-Apr-25	03-Aug-24	23-Aug-24			SW2960: FS
Installation Works		60	07-Apr-25	18-Jun-25	24-Aug-24	07-Nov-24			
SW1750	Install Cable Containments	24	07-Apr-25	06-May-25	24-Aug-24	21-Sep-24			SC2480: FF, DS6400: FS, DS6540: FS, SW2970: FS
SW1790	Install PABX Equipment	20	28-Apr-25	22-May-25	14-Sep-24	09-Oct-24			SW1750: SS 18, SC1590: FF, DS4140: FS, DS6040: FS, DS6480: FS
SW1760	Position Equipment Rack	12	07-May-25	20-May-25	25-Sep-24	09-Oct-24			SW1750: FS
SW1770	Install Network Equipment	36	07-May-25	18-Jun-25	25-Sep-24	07-Nov-24			SW1760: SS, SC1330: FF, DS4340: FS, DS4440: FS
SW1800	Install Operation Facilities Equipment	14	07-May-25	22-May-25	23-Oct-24	07-Nov-24			SW1770: SS, EM1120: FS, SC2680: FF, DS6280: FS
SW1780	Install Manual Fallback Control Equipment	24	14-May-25	11-Jun-25	10-Oct-24	07-Nov-24			SW1770: SS 6, EM1110: FS, SC2240: FF, DS6240: FS, DS7370: FS, DS8310: FS
SW1810	Install Radio Equipment	12	23-May-25	06-Jun-25	10-Oct-24	24-Oct-24			SW1790: FS, SC1990: FF, DS4390: FS, DS6160: FS, DS6520: FS



Remaining Work
Actual Work
Critical Activity
Milestone

Date	Revision	Checked	Approved
28-Feb-25	Rev. 0	MY	

APPENDIX O
WASTE GENERATED IN THE REPORTING MONTH

Trunk Road T2 and Infrastructure Works
for Developments at the Former South Apron
Contract No. ED/2018/04

Name of Department: CEDD

Monthly Summary Waste Flow Table for 2025 (KT)

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	a.Total Quantity Generated (a=c+d+e)	b. Hard Rock and Large Broken Concrete	c. Reused in the Contract	d. Reused in Other Projects	e. Disposed as Public Fill	f. Imported Fill	g. Metals	h. Paper / Cardboard Packaging	i. Plastics	j. Chemical Waste	k. Others, e.g. general refuse
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m^3)
January	0.007	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.061
February	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041
March											
April											
May											
June											
Sub-total	0.007	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.102
July											
August											
September											
October											
November											
December											
Total	0.007	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.102

Monthly Summary Waste Flow Table

Notes:

(1)The performance targets are given in ER Appendix 8I Clause 14 and the EM&A Manual(s).

(2)The waste flow table shall also include C&D materials to be imported for use at the Site.

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

(4)The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the Works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000 m3. (ER Part 8 Clause 8.8.5 (d) (ii) refers).

Monthly Summary Waste Flow Table For 2025

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Waste Generated Monthly							
	Total Quantity Generated	Broken Concrete (see Note 4)	Estimated Quantities (Broken Concrete)	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Metals	Estimated Quantities (Metals)	Paper/ cardboard packaging	Estimated Quantities (Paper/ cardboard packaging)	Plastics (see Note 3)	Estimated Quantities (Plastics)	Chemical Waste	Others, e.g. general refuse
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(tonne)
Jan-25	0	0	**0**	0	0	0	0	**0**	0	**0**	0	**0**	0	0.00
Feb-25	0	0	**0**	0	0	0	0	**0**	0	**0**	0	**0**	0	0.00
Mar-25														
Apr-25														
May-25														
Jun-25														
Sub-total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0
Jul-25														
Aug-25														
Sep-25														
Oct-25														
Nov-25														
Dec-25														
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	0

Notes:

(1) The performance targets are given in PS Sub-clause 2(5) (c).

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

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

(4) Broken concrete for recycling into aggregates.