

# **Civil Engineering and Development Department**

## **Trunk Road T2 Monthly Environmental Monitoring and Audit Report (under EP-451/2013) May 2025 (Version 1.0)**

Approved By



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(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

### **CINOTECH CONSULTANTS LTD**

Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong  
Tel: (852) 2151 2083 Fax: (852) 3107 1388  
Email: [info@cinotech.com.hk](mailto:info@cinotech.com.hk)

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12 June 2025

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

By Post and Email

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 (May 2025) for EP-451/2013**

Reference is made to the Environmental Team's submission of the Monthly EM&A Report for May 2025 (Version 1.0) certified by the ET Leader and provided to us via e-mail on 11 June 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  
BTP  
Cinotech

Attn.: Mr. Tommy Wong  
Attn.: Mr. Ivan Chau  
Attn.: Mr. K. S. Lee

By Fax: 2739 0076  
By email  
By Fax: 3107 1388

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## Table of contents

### Page

<b>EXECUTIVE SUMMARY .....</b>	<b>1</b>
Introduction.....	1
Summary of Main Works Undertaken and Key Measures Implemented .....	1
Summary of Exceedances, Investigation and Follow-up.....	2
Complaint Handling, Prosecution and Public Engagement .....	3
Reporting Changes.....	3
Future Key Issues.....	3
Review of Status and Location of Monitoring Stations.....	4
<b>1 INTRODUCTION.....</b>	<b>5</b>
Background.....	5
Purpose of the Report.....	6
Project Organizations.....	6
Construction Activities undertaken during the Reporting Month .....	7
Status of Environmental Licensing and Permitting .....	8
<b>2. AIR QUALITY.....</b>	<b>10</b>
Monitoring Requirement.....	10
Monitoring Locations.....	10
Monitoring Parameters and Frequency .....	10
Monitoring Equipment.....	11
Monitoring Methodology.....	11
Results and Observations .....	14
Comparison of EM&A Result with EIA Prediction .....	15
<b>3 NOISE .....</b>	<b>17</b>
Monitoring Locations.....	17
Monitoring Parameters, Frequency and Duration.....	17
Monitoring Equipment.....	18
Monitoring Methodology and QA/QC Procedure .....	18
Maintenance and Calibration .....	19
Results and Observations .....	19
Comparison of EM&A Result with EIA Prediction .....	20
<b>4 WATER QUALITY.....</b>	<b>21</b>
Monitoring Requirement.....	21
<b>5 MARINE ECOLOGY .....</b>	<b>21</b>
<b>6 FISHERIES .....</b>	<b>22</b>
<b>7 LANDSCAPE AND VISUAL .....</b>	<b>22</b>
<b>8 CULTURAL HERITAGE.....</b>	<b>25</b>
<b>9 WASTE MANAGEMENT .....</b>	<b>25</b>

<b>10 ENVIRONMENTAL AUDIT .....</b>	<b>26</b>
Site Audits.....	26
Implementation Status of Environmental Mitigation Measures .....	26
Implementation Status of Event and Action Plans .....	27
Status of Required Submission under Environmental Permit.....	27
<b>11 ENVIRONMENTAL NON-CONFORMANCE .....</b>	<b>28</b>
Summary of Complaint, Warning, Notification of any Summons and Successful Prosecution.	28
Summary of Exceedance.....	28
<b>12 FUTURE KEY ISSUES.....</b>	<b>28</b>
Monitoring Schedule.....	29
<b>13 CONCLUSIONS AND RECOMMENDATIONS.....</b>	<b>30</b>
Conclusions.....	30
Recommendations.....	30

## LIST OF TABLES

Table I	Summary of Key Construction Work in the Reporting Month
Table II	Summary of Key Mitigation Measures Implemented in the Reporting Month
Table III	Summary of Complaint/Summons/Prosecution in the Reporting Month
Table IV	Summary Table for Site Activities in the next Reporting Period
Table V	Summary Table for Review of Status and Location of Monitoring Stations
Table 1.1	Key Project Contacts
Table 1.2	Summary of Key Construction Work in the Reporting Month
Table 1.3	Summary of Environmental License and Permit
Table 2.1	Air Quality Monitoring Locations
Table 2.2	Frequency and Parameters of Air Quality Monitoring
Table 2.3	Air Quality Monitoring Equipment
Table 2.4	Major Dust Source during Air Quality Monitoring
Table 2.5	Comparison of 1-hr TSP Monitoring Data with Predictions in EIA Report
Table 2.6	Comparison of 24-hr TSP Monitoring Data with Predictions in EIA Report
Table 3.1	Noise Monitoring Stations
Table 3.2	Frequency and Parameters of Noise Monitoring
Table 3.3	Noise Monitoring Equipment
Table 3.4	Major Noise Source during Noise Monitoring
Table 3.5	Baseline Noise Level and Noise Limit Level for Monitoring Stations
Table 3.6	Comparison of Noise Monitoring Data with Predictions in EIA Report
Table 7.1	Construction Phase Landscape and Visual Mitigation Measures
Table 7.2	Construction Phase Audit Checklist for Landscape and Visual Mitigation Measures
Table 10.1	Observations and Recommendations of Site Audit
Table 10.2	Status of Required Submission under Environmental Permit
Table 12.1	Summary Table for Site Activities and the Key Environmental Issues in the next Reporting Period

## **LIST OF FIGURES**

- Figure 1.1      Layout Plan of the Project Site  
Figure 1.2      Project Organisation for Environmental Monitoring and Audit  
Figure 2        Locations of Air Quality and Construction Noise Monitoring Stations

## **LIST OF APPENDICES**

- Appendix A    Action and Limit Levels  
Appendix B    Environmental Monitoring Schedules  
Appendix C    Copies of Calibration Certificates for Air Quality Monitoring  
Appendix D    Weather Information  
Appendix E    1-hour TSP Monitoring Results  
Appendix F    24-hour TSP Monitoring Results and Graphical Presentations  
Appendix G    Copies of Calibration Certificates for Noise Monitoring  
Appendix H    Noise Monitoring Results and Graphical Presentations  
Appendix I    Site Audit Summary  
Appendix J    Event and Action Plans  
Appendix K    Environmental Mitigation Implementation Schedule (EMIS)  
Appendix L    Summaries of Environmental Complaint, Warning, Summon and Notification of Successful Prosecution  
Appendix M    Summary of Exceedance  
Appendix N    Tentative Construction Programme  
Appendix O    Waste Generated in the Reporting Month

## EXECUTIVE SUMMARY

### Introduction

1. This is the 63<sup>rd</sup> 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 May 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	<ul style="list-style-type: none"> <li>• WVB – E&amp;M works</li> <li>• WVB – External works</li> <li>• DPR – Parapet Installation</li> <li>• DPR – Sign Gantry erection</li> <li>• SUS – E&amp;M works</li> <li>• LSCC – RC Structure</li> <li>• LSCC – Backfilling</li> <li>• WB – TBM Tunnelling</li> <li>• TSS – WB internal structure from CP22 to CP26</li> <li>• TSS – EB internal structure up to CP22</li> <li>• CP – TSS WB Tympanum construction</li> </ul>
ED/2020/03	Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	<ul style="list-style-type: none"> <li>• WVB – Installation of TCSS cable containment, cable laying, installation of PA Speaker &amp; radio system</li> <li>• WB &amp; EB Tunnel CP &amp; NCP side, SG (CP7 – CP21) – Installation of cable containment, cable laying, TCSS equipment, PA, ET, IDF</li> <li>• Material delivery for TCSS Sub- systems</li> <li>• FAT for Manual Barrier</li> </ul>

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	<p><i>Air Quality</i></p> <ul style="list-style-type: none"> <li>Water spraying regularly on construction site area to avoid dust generation.</li> <li>Excavated dusty materials were covered by impervious sheets.</li> </ul> <p><i>Noise</i></p> <ul style="list-style-type: none"> <li>Air compressor was operated with door closed and have valid noise labels.</li> <li>Use of Quality Powered Mechanical Equipment (QPME)</li> <li>Erecting noise barriers on site to minimize noise impact generated from breaking activities.</li> </ul> <p><i>Water Quality</i></p> <ul style="list-style-type: none"> <li>WetSep was constructed to treat the surface runoff prior to discharge.</li> </ul> <p><i>Landscape and Visual</i></p> <ul style="list-style-type: none"> <li>Tree protection zone was fenced off to protect the existing tree.</li> </ul>
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	N/A

Notes:

N/A: Not applicable

### Summary of Exceedances, Investigation and Follow-up

4. Exceedance of Action/Limit levels during the reporting month (May 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.
- No Action Level and Limit Level exceedance for 1-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	1	EPD received complaint referred by CE office against the light nuisance and dark smoke from the barges berthed near Laguna City, Lam Tin	<ul style="list-style-type: none"> <li>• There was no direct evidence that any dark smoke was emitted while the barge is operating.</li> <li>• The following recommendations are made to contractor to further enhance the mitigation measures:               <ol style="list-style-type: none"> <li>1) Conduct regular monitoring for smoke emission.</li> <li>2) Turn off unnecessary lighting and adjust the angle of lighting to reduce light nuisance to public.</li> <li>3) Use Low Sulfur Diesel for the barge.</li> <li>4) Conduct regular toolbox training.</li> <li>5) Conduct regular maintenance for all Powered Mechanical Equipment to prevent dark smoke emission.</li> </ol> </li> </ul>	Closed
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 (June 2025)	Key Environmental Issues
ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at South Apron	<ul style="list-style-type: none"> <li>• WVB – E&amp;M works</li> <li>• WVB – External works</li> <li>• DPR – Parapet installation</li> <li>• DPR – Sign gantry erection</li> <li>• SUS – E&amp;M works</li> <li>• LSCC – RC Structure</li> <li>• LSCC – Backfilling</li> <li>• WB – TBM Tunnelling</li> <li>• TSS – WB internal structure from CP22 to CP26</li> <li>• TSS – EB internal structure up to CP22</li> <li>• CP – TSS WB Tympanum construction</li> </ul>	(A) / (B) / (C) / (D)
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	<ul style="list-style-type: none"> <li>• Erection of Fencing Wall and Metal Gate for Works Area</li> <li>• Installation of Cable containment and TCSS equipment at open road - CKR Gantry G42 and LTI</li> </ul>	N/A

(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 May 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 Trunk 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	<u>ED/2018/04</u> <ul style="list-style-type: none"> <li>Construction of highway and sub-sea tunnel connecting between Central Kowloon Route and Cha Kwo Ling Tunnel</li> <li>Western &amp; Eastern Ventilation Buildings</li> </ul>
	<u>ED/2020/03</u> <ul style="list-style-type: none"> <li>Design and construction of TCSS for Trunk Road T2</li> </ul>

### 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 63<sup>rd</sup> Monthly EM&A Report which summarises the impact monitoring results and audit findings for the EM&A programme during the reporting period in May 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	<ul style="list-style-type: none"> <li>• WVB – E&amp;M works</li> <li>• WVB – External works</li> <li>• DPR – Parapet Installation</li> <li>• DPR – Sign Gantry erection</li> <li>• SUS – E&amp;M works</li> <li>• LSCC – RC Structure</li> <li>• LSCC – Backfilling</li> <li>• WB – TBM Tunnelling</li> <li>• TSS – WB internal structure from CP22 to CP26</li> <li>• TSS – EB internal structure up to CP22</li> <li>• CP – TSS WB Tympanum construction</li> </ul>
ED/2020/03	Trunk Road T2 – Traffic Control And Surveillance System (TCSS) and Associated Works	<ul style="list-style-type: none"> <li>• WVB – Installation of TCSS cable containment, cable laying, installation of PA Speaker &amp; radio system</li> <li>• WB &amp; EB Tunnel CP &amp; NCP side, SG (CP7 – CP21) – Installation of cable containment, cable laying, TCSS equipment, PA, ET, IDF</li> <li>• Material delivery for TCSS Sub- systems</li> <li>• FAT for Manual Barrier</li> </ul>

- 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 May 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 Apr 2025	25 Jul 2025	Valid
Construction Noise Permit				
ED/2018/04	CNP No. (For Launching Shaft and Barging Point): GW-RE1660-24	30 Dec 2024	29 Jun 2025	Valid
	CNP No. (For Depressed Road & Supporting Area): GW-RE0248-25	31 Mar 2025	29 Sep 2025	Valid
	CNP No. (For Kai Hing Road & Lam Chak Street): GW-RE0500-25	09 May 2025	28 Jun 2025	Valid
Wastewater Discharge License				
ED/2018/04	WT00036183-2020 (For Depressed Road Area)	27 Jul 2020	31 Jul 2025	Valid
	WT00039117-2021 (For Site Office and Support Area)	28 Sep 2021	30 Sep 2026	Valid

Contract No.	Permit / License No.	Valid Period		Status
		From	To	
	WT00036228-2020 (For Launching Shaft)	10 Nov 2021	31 Jul 2025	Valid
	WT00046131-2025 (For Launching Shaft)	14 Apr 2025	31 Jul 2030	Valid
	WT10001495-2023 (For Depressed Road & TBM Cutter Disc Workshop)	27 May 2025	31 Mar 2029	Valid
<b>Chemical Waste Producer License</b>				
ED/2018/04	WPN: 5213-286-B2557-03	09 Mar 2020	N/A	Valid
<b>Marine Dumping Permit</b>				
ED/2018/04	EP/MD/25-056	01 Apr 2025	30 Jun 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
1-hour TSP Dust Meter	Sibata Model No. LD-5R (Serial no. 4X7585, 4X7590)	2
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<sup>3</sup>/min. and 1.7 m<sup>3</sup>/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 A 1-hour TSP monitoring was conducted on 21 May 2025 due to the received complaint related to air quality nuisance and no Action/Limit Level exceedance was recorded for such monitoring in the reporting month. The monitoring results are tabulated in **Appendix E**.
- 2.16 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**.
- 2.17 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**.
- 2.18 The monitoring data and graphical presentations of 24-hour TSP monitoring results are shown in **Appendix F**.
- 2.19 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)	<ul style="list-style-type: none"> <li>Project related construction activities (i.e., Loading and unloading of C&amp;D wastes, drilling, crushing of material);</li> <li>Vehicle movement in the site;</li> <li>Construction activities at the nearby construction sites of New Acute Hospital; and,</li> <li>Road traffic along Shing Fung Road, Shing Cheong Road, Cheung Yip Street, Kai Hing Road and Kwun Tong Bypass.</li> </ul>
KER 1 – Future Residential Development at Kerry Godown	
KTD 2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	<ul style="list-style-type: none"> <li>Project related construction activities (i.e., Loading and unloading of C&amp;D material, crushing of material);</li> <li>Vehicle movement in the site; and,</li> <li>Non-project related construction activities (i.e excavating work, Loading and unloading of C&amp;D wastes at the nearby construction site of Additional District Cooling System at Kai Tak Development, Paul Y. Engineering.)</li> </ul>
CKL1 - Flat 121 Cha Kwo Ling Village	<ul style="list-style-type: none"> <li>Road Traffic along Cha Kwo Ling Road</li> </ul>
CKL2 - Flat 103 Cha Kwo Ling Village	

**Comparison of EM&A Result with EIA Prediction**

- 2.20 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 2.5** and **Table 2.6** for 1-hour TSP and 24-hour TSP respectively.

**Table 2.5 Comparison of 1-hr TSP Monitoring Data with Predictions in EIA Report**

Monitoring Stations	ASR ID	Predicted Maximum 1-hr TSP Concentration in EIA Report (AEIAR-174/2013), $\mu\text{g}/\text{m}^3$	Maximum 1-hr TSP Concentration in the Reporting Month (May 2025), $\mu\text{g}/\text{m}^3$
CKL1 - Flat 121 Cha Kwo Ling Village	N/A <sup>(1)</sup>	N/A <sup>(1)</sup>	68.4
CKL2 - Flat 103 Cha Kwo Ling Village	N/A <sup>(1)</sup>	N/A <sup>(1)</sup>	54.9

Remarks:

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

**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), $\mu\text{g}/\text{m}^3$	Maximum 24-hr TSP Concentration in the Reporting Month (May 2025), $\mu\text{g}/\text{m}^3$
KTD 1 - Centre of Excellence in Paediatrics (Children's Hospital)	KTD3	126	47.1
KTD 2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	N/A <sup>(2)</sup>	N/A <sup>(2)</sup>	84.9
KER 1 – Future Residential Development at Kerry Godown	KTD6	169	94.9
CKL1 - Flat 121 Cha Kwo Ling Village	N/A <sup>(2)</sup>	N/A <sup>(2)</sup>	102.0
CKL2 - Flat 103 Cha Kwo Ling Village	N/A <sup>(2)</sup>	N/A <sup>(2)</sup>	124.1

Remarks:

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



- 2.21 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 <sub>10</sub> (30 min.) dB(A)  L <sub>90</sub> (30 min.) dB(A)  L <sub>eq</sub> (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, 620091) 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	<ul style="list-style-type: none"> <li>• Project related construction activities (Loading and unloading of C&amp;D waste, travel of vehicles, use of PME and other plants, and other construction activities);</li> <li>• Vehicle movement in the site;</li> <li>• Road traffic along Shing Cheong Road; and,</li> <li>• Non-project related construction activities at the nearby construction site of New Acute Hospital.</li> </ul>
KTD 2d	<ul style="list-style-type: none"> <li>• Project related construction activities (Loading and unloading of C&amp;D waste, travel of vehicles, use of PME and other plants, and other construction activities);</li> <li>• Vehicle movement in the site; and,</li> <li>• Non-project related construction activities. (i.e excavating work, Loading and unloading of C&amp;D wastes at the nearby construction site of Additional District Cooling System at Kai Tak Development, Paul Y. Engineering.)</li> </ul>

Monitoring Stations	Major Noise Source
KER 1	<ul style="list-style-type: none"> <li>Road traffic along Kai Hing Road.</li> <li>Project related construction activities (Travel of vehicles, use of PME and other plants, and other construction activities)</li> </ul>
CKL1	<ul style="list-style-type: none"> <li>Road traffic along Cha Kwo Ling Road.</li> </ul>
CKL2	<ul style="list-style-type: none"> <li>Road traffic along Cha Kwo Ling Road</li> </ul>

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 (May 2025), Leq (30min) dB(A)
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)	KTD1	74	71.9
KTD2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	N/A <sup>(1)</sup>	N/A <sup>(1)</sup>	62
KER1 – Future Residential Development at Kerry Godown	KER1	75	74
CKL1 - Flat 121 Cha Kwo Ling Village	CKL4	71	73
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 plants, 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 08, 15, 22 & 29 May 2025 in the reporting month. Site inspection of the IEC was conducted on 22 May 2025. No non-compliances were observed during site audits.
- ED/2020/03 – Site audit was conducted on 08, 16, 22 & 29 May 2025 in the reporting month. Site inspection of the IEC was conducted on 16 May 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
<i>Air Quality</i>	N/A	There was no observation in the reporting period.	N/A
<i>Noise</i>	N/A	There was no observation in the reporting period.	N/A
<i>Water Quality</i>	N/A	There was no observation in the reporting period.	N/A
<i>Ecology</i>	N/A	There was no observation in the reporting period.	N/A
<i>Landscape and Visual</i>	N/A	There was no observation in the reporting period.	N/A
<i>Waste/ Chemical Management</i>	22 May 2025	Drip tray should be provided to oil drum or chemical.	The oil drum or chemical was removed.

Parameters	Date	Observations and Recommendations	Follow-up
<i>Permits /Licences</i>	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*

- As one (1) air quality related complaint was received in the reporting month, the 1-hour TSP monitoring was conducted on 21 May 2025. No Action and no Limit Level exceedance for 1-hour TSP monitoring was recorded.
- 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

EP Condition	Submission	Submission Date
Condition 3.3	Updated Baseline Monitoring Report	3 November 2020
Condition 3.4	Monthly EM&A Report (April 2025) for ED/2018/04 and ED/2020/03	14 May 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 (June 2025)	Key Environmental Issues
ED/2018/04 - Trunk Road T2 and Infrastructure Works for at South Apron	<ul style="list-style-type: none"> <li>• WVB – E&amp;M works</li> <li>• WVB – External works</li> <li>• DPR – Parapet installation</li> <li>• DPR – Sign gantry erection</li> <li>• SUS – E&amp;M works</li> <li>• LSCC – RC Structure</li> <li>• LSCC – Backfilling</li> <li>• WB – TBM Tunnelling</li> <li>• TSS – WB internal structure from CP22 to CP26</li> <li>• TSS – EB internal structure up to CP22</li> <li>• CP – TSS WB Tympanum construction</li> </ul>	<ul style="list-style-type: none"> <li>• Wheel washing bay at site exits;</li> <li>• Temporary noise barriers for PMEs;</li> <li>• Sedimentation tank for settling muddy water; and</li> <li>• Make sure open stockpiles are covered during rainstorm.</li> </ul>

Contract No. and Project Title	Site Activities (June 2025)	Key Environmental Issues
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	<ul style="list-style-type: none"><li>• Erection of Fencing Wall and Metal Gate for Works Area</li><li>• Installation of Cable containment and TCSS equipment at open road - CKR Gantry G42 and LTI</li></ul>	<ul style="list-style-type: none"><li>• The waste should be removed regularly and litter free.</li><li>• The storage area should be kept tidy.</li></ul>

### 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 63<sup>rd</sup> 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 1-hour TSP monitoring in the reporting month.
- 13.3 No Action and no Limit Level exceedance was recorded for 24-hour TSP monitoring in the reporting month.

#### Construction Noise Monitoring

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

#### Site Audit

- 13.6 Four (4) ET joint weekly environmental site inspections were conducted for the Contact No. ED/2018/04 in the reporting month.
- 13.7 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

- 13.8 One (1) environmental complaint was received in the reporting month. No notifications of summons and successful prosecutions were received in the reporting month.

### Recommendations

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

#### ED/2018/04

##### *Waste Management*

- Drip tray should be provided to oil drums or chemical.

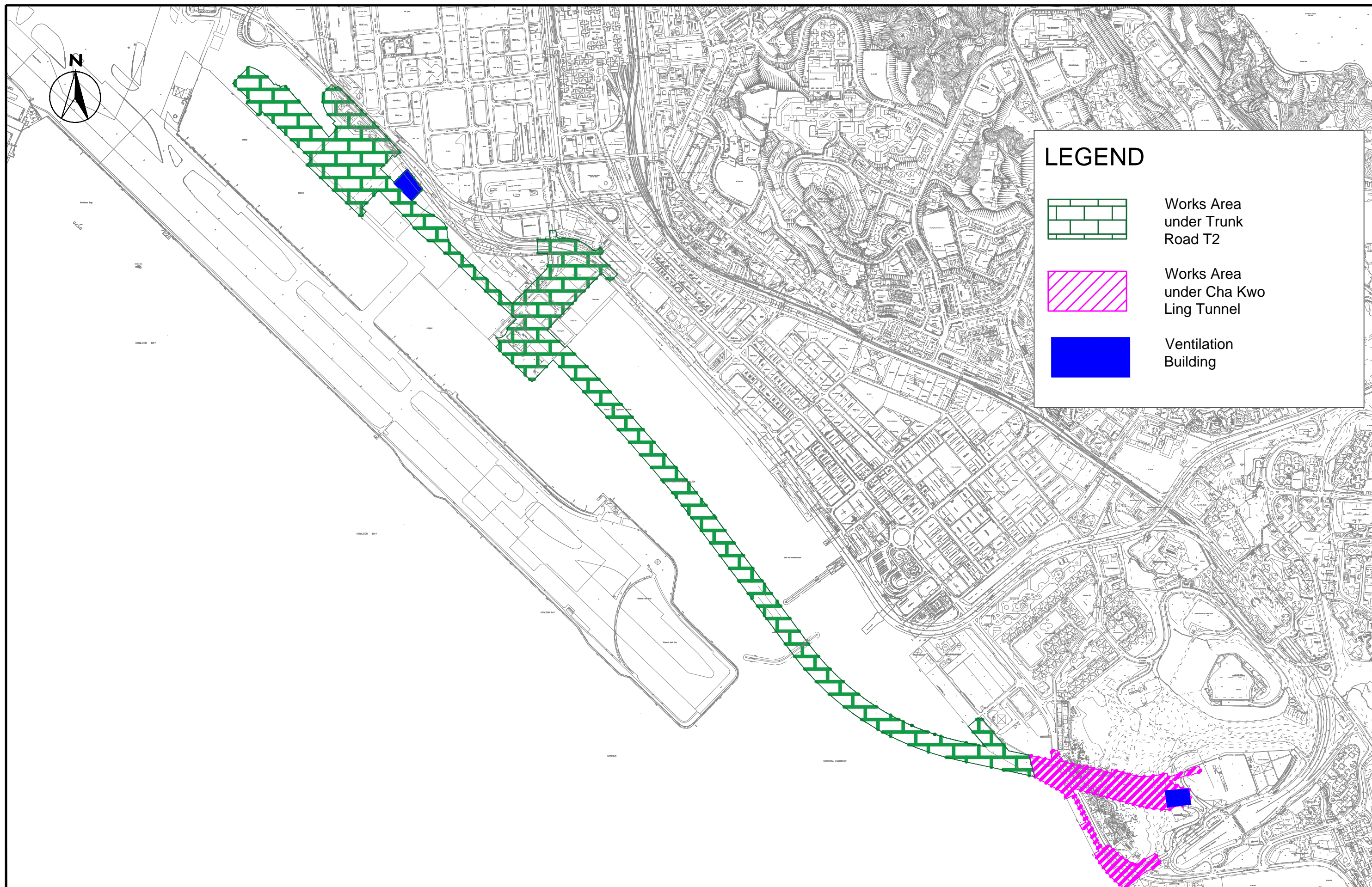
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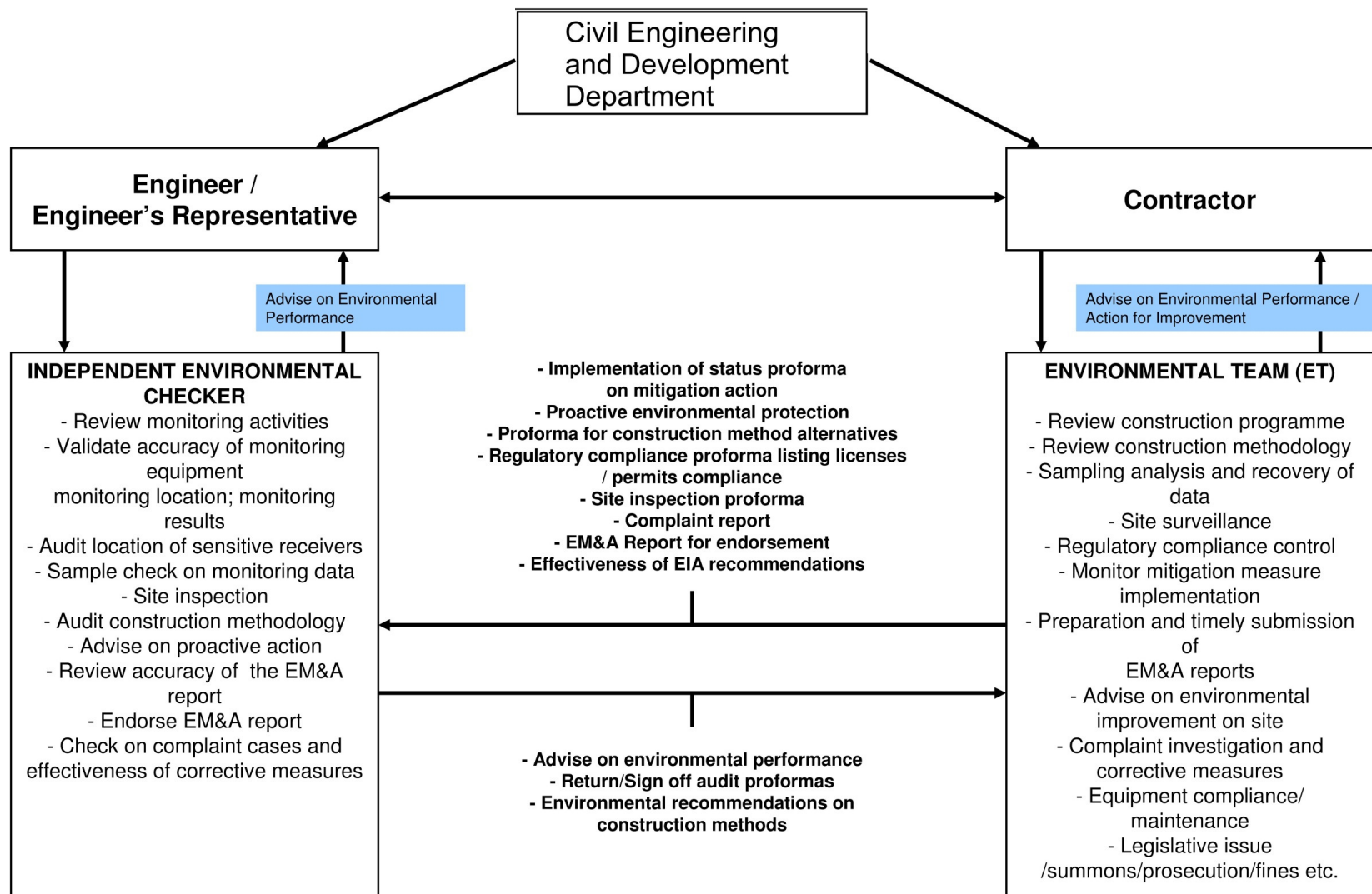
## FIGURES

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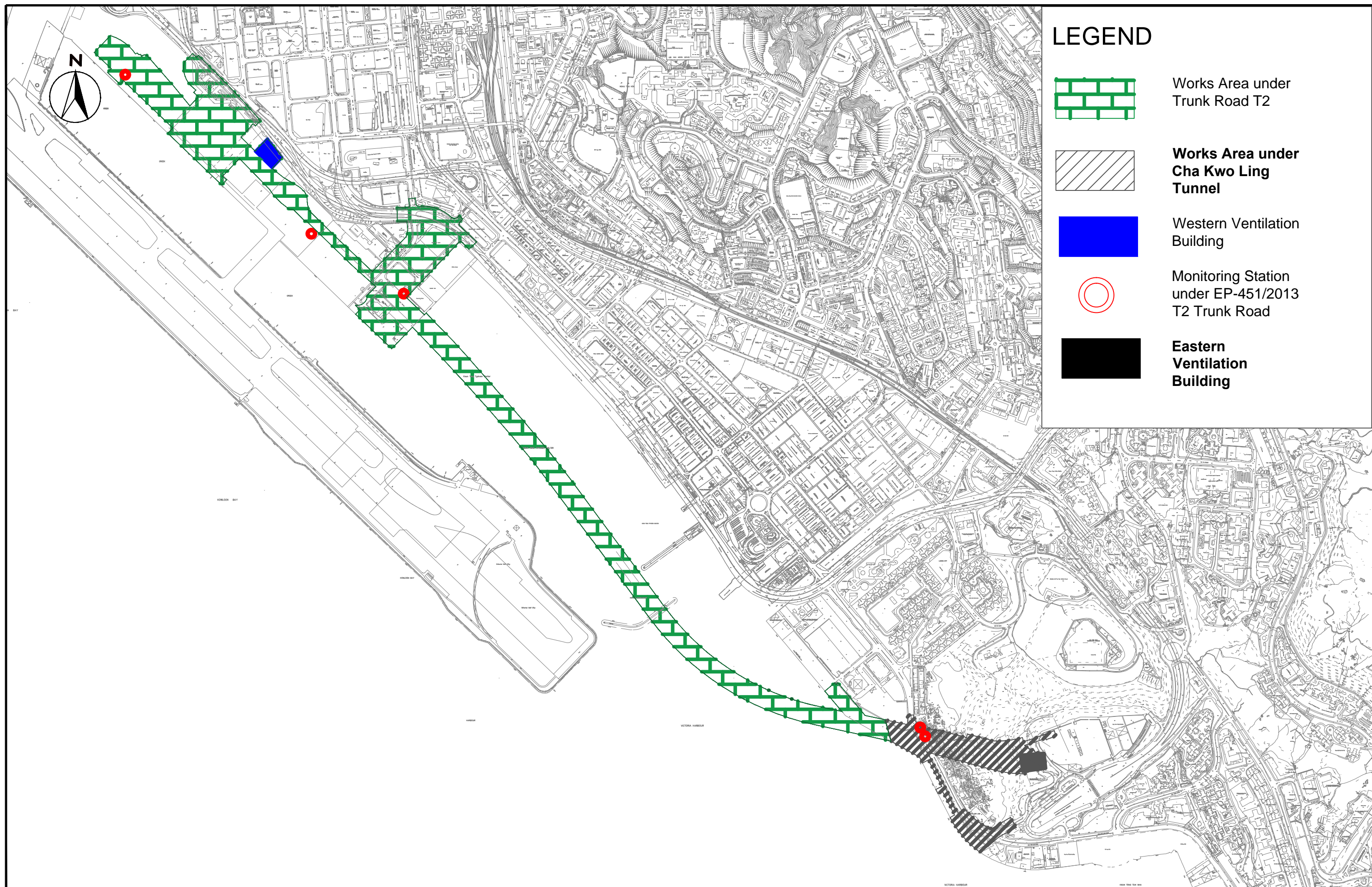




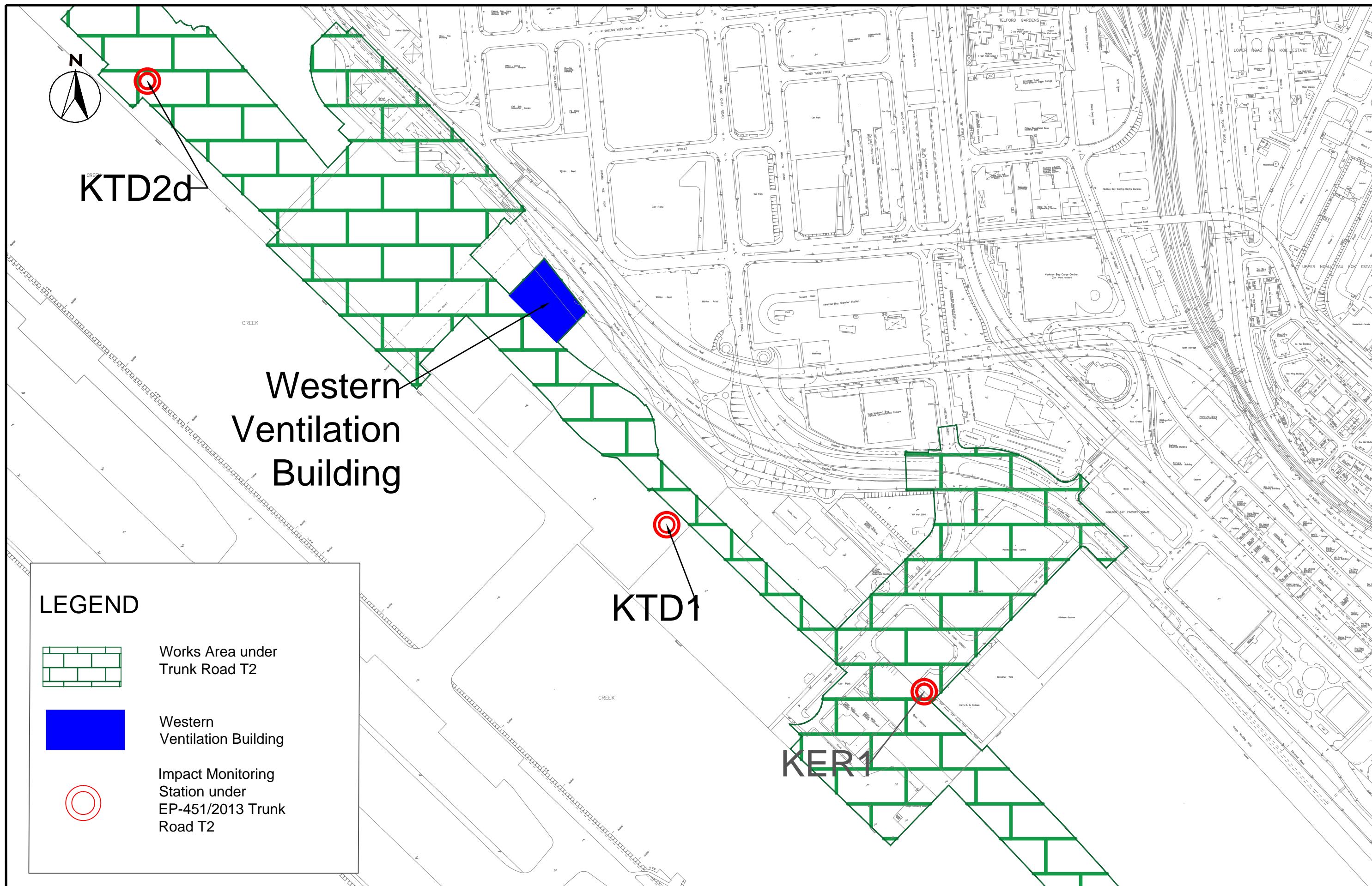


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PROJECT ORGANISATION AND LINES OF COMMUNICATION			File name		Drawing No.			
Rev.	Description	Date	© Copyright reserved		FIGURE 1.2			Rev.
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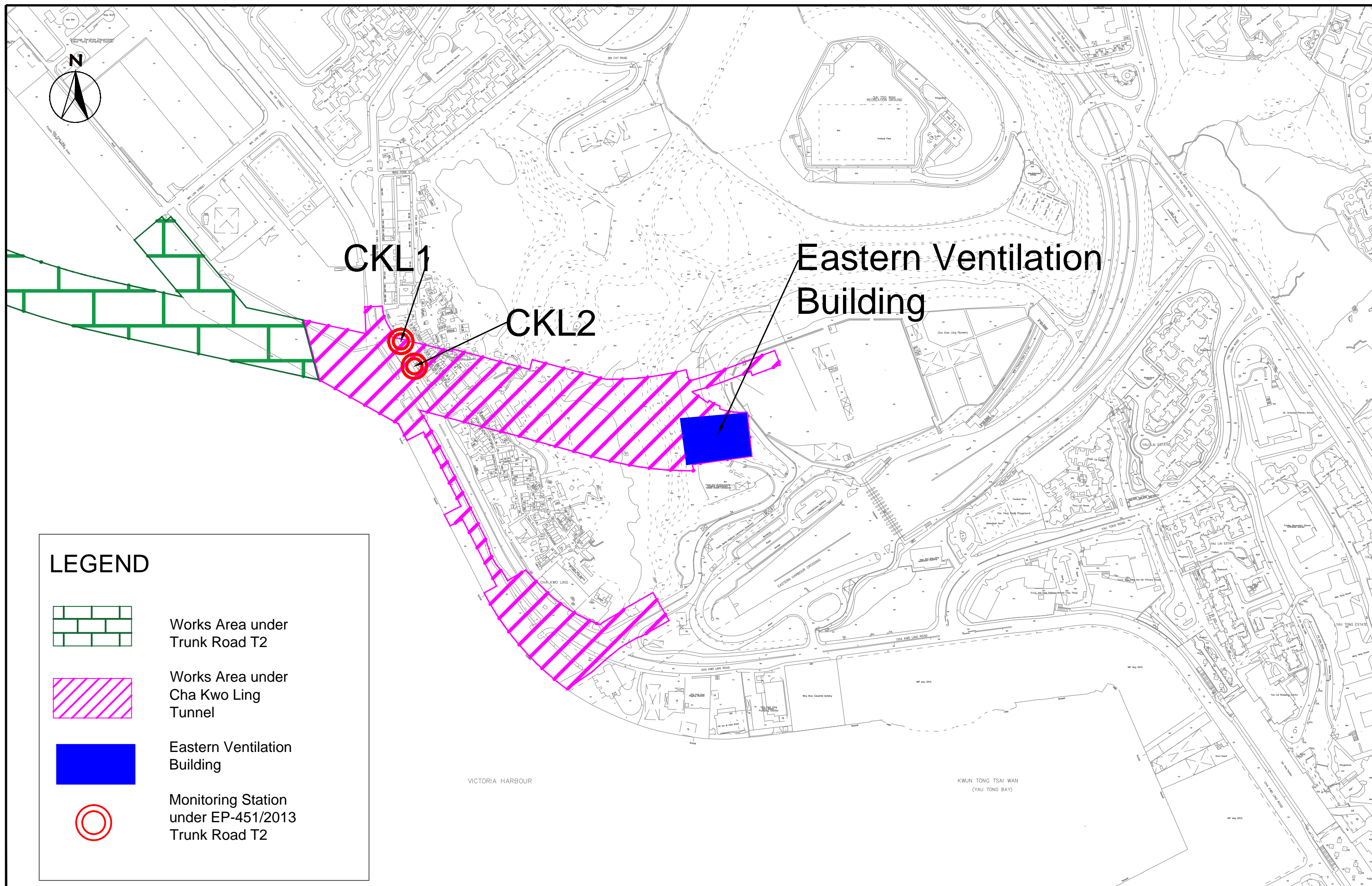












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**APPENDIX A**  
**ACTION AND LIMIT LEVELS**

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## Appendix A - Action and Limit Levels

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

Location	Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
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, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
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) <sup>(1)</sup>

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.

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**APPENDIX B  
ENVIRONMENTAL MONITORING  
SCHEDULES**

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**Contract No. ED/2018/04**  
**Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron**  
**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				24-hr TSP
25-May	26-May	27-May	28-May	29-May	30-May	31-May
	Noise			24-hr TSP		

\*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

**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 (June 2025)**

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

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

**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 (July 2025)**

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

**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 (August 2025)**

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

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

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**APPENDIX C  
COPIES OF CALIBRATION  
CERTIFICATES FOR AIR QUALITY  
MONITORING**

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## 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

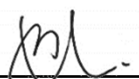
### 2. Performance check of Wind Direction

Wind Direction (°)		Difference D (°)
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

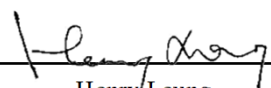
### Test Specification:

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

**Calibration Certification Information**

<b>Cal. Date:</b> January 7, 2025	<b>Rootsmeter S/N:</b> 438320	<b>Ta:</b> 293 °K
<b>Operator:</b> Jim Tisch		<b>Pa:</b> 759.0 mm Hg
<b>Calibration Model #:</b> TE-5025A	<b>Calibrator S/N:</b> 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)	$\sqrt{\Delta H \left( \frac{Ta}{Pa} \right)}$ (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
<b>QSTD</b>	<b>m=</b>	<b>2.08969</b>	<b>QA</b>	<b>m=</b>	<b>1.30853</b>
	<b>b=</b>	<b>-0.02374</b>		<b>b=</b>	<b>-0.01464</b>
	<b>r=</b>	<b>0.99985</b>		<b>r=</b>	<b>0.99985</b>

**Calculations**

<b>Vstd=</b> $\Delta Vol((Pa-\Delta P)/Pstd)(Tstd/Ta)$	<b>Va=</b> $\Delta Vol((Pa-\Delta P)/Pa)$
<b>Qstd=</b> $Vstd/\Delta Time$	<b>Qa=</b> $Va/\Delta Time$
<b>For subsequent flow rate calculations:</b>	
<b>Qstd=</b> $1/m \left( \left( \sqrt{\Delta H \left( \frac{Pa}{Pstd} \right) \left( \frac{Tstd}{Ta} \right)} \right) - b \right)$	<b>Qa=</b> $1/m \left( \left( \sqrt{\Delta H \left( \frac{Ta}{Pa} \right)} \right) - b \right)$

**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

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/18/031

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

Date: 6-Mar-25

Next Due Date: 6-May-25

Operator: SK

Equipment No.: A-01-18

Model No.: TE 5170

Serial No. 0723

Ambient Condition			
Temperature, Ta (K)	<u>287.5</u>	Pressure, Pa (mmHg)	<u>764.8</u>

Orifice Transfer Standard Information					
Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.2</u>	<u>3.71</u>	<u>63.14</u>	<u>9.1</u>	<u>3.08</u>
2	<u>10.4</u>	<u>3.29</u>	<u>56.09</u>	<u>7.3</u>	<u>2.76</u>
3	<u>8.3</u>	<u>2.94</u>	<u>50.15</u>	<u>5.4</u>	<u>2.37</u>
4	<u>6.1</u>	<u>2.52</u>	<u>43.05</u>	<u>3.7</u>	<u>1.96</u>
5	<u>3.0</u>	<u>1.77</u>	<u>30.31</u>	<u>1.6</u>	<u>1.29</u>

### By Linear Regression of Y on X

Slope, mw = 0.0554

Intercept, bw : -0.3970

Correlation coefficient\* = 0.9991

\*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 =  $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$  3.78

Remarks:

Conducted by: Wong Shing Kwai

Signature: 

Date: 6-Mar-25

Checked by: Henry Leung

Signature: 

Date: 6-Mar-25

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/18/032

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

Date: 6-May-25

Next Due Date: 6-Jul-25

Operator: SK

Equipment No.: A-01-18

Model No.: TE 5170

Serial No. 0723

### Ambient Condition

Temperature, Ta (K)	<u>300.7</u>	Pressure, Pa (mmHg)	<u>759.1</u>
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### Orifice Transfer Standard Information

Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

### Calibration of TSP Sampler

Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.3</u>	3.63	61.75	<u>9.0</u>	2.98
2	<u>10.5</u>	3.22	54.91	<u>7.2</u>	2.67
3	<u>8.4</u>	2.88	49.16	<u>5.2</u>	2.27
4	<u>6.0</u>	2.44	41.61	<u>3.6</u>	1.89
5	<u>3.0</u>	1.72	29.54	<u>1.5</u>	1.22

### By Linear Regression of Y on X

Slope, mw = 0.0554

Intercept, bw : -0.4205

Correlation coefficient\* = 0.9990

\*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 =  $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$  3.89

Remarks:

Conducted by: Wong Shing Kwai

Signature: 

Date: 6-May-25

Checked by: Henry Leung

Signature: 

Date: 6-May-25

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/55/031

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

Date: 6-Mar-25 Next Due Date: 6-May-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	<u>287.5</u>	Pressure, Pa (mmHg)	<u>764.8</u>

Orifice Transfer Standard Information					
Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.5</u>	<u>3.75</u>	<u>63.85</u>	<u>9.1</u>	<u>3.08</u>
2	<u>11.0</u>	<u>3.39</u>	<u>57.68</u>	<u>7.2</u>	<u>2.74</u>
3	<u>9.1</u>	<u>3.08</u>	<u>52.50</u>	<u>5.6</u>	<u>2.42</u>
4	<u>5.1</u>	<u>2.31</u>	<u>39.40</u>	<u>2.6</u>	<u>1.65</u>
5	<u>3.8</u>	<u>1.99</u>	<u>34.07</u>	<u>1.9</u>	<u>1.41</u>

### By Linear Regression of Y on X

Slope, mw = 0.0571 Intercept, bw = -0.5684

Correlation coefficient\* = 0.9994

\*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 x Qstd + bw ) <sup>2</sup> x ( 760 / Pa ) x ( Ta / 298 ) = <u>3.42</u>	

Remarks: \_\_\_\_\_

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 6-Mar-25

Checked by: Henry Leung Signature: [Signature] Date: 6-Mar-25

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/55/032

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

Date: 6-May-25 Next Due Date: 6-Jul-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	<u>300.7</u>	Pressure, Pa (mmHg)	<u>759.1</u>

Orifice Transfer Standard Information					
Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.6</u>	<u>3.67</u>	<u>62.44</u>	<u>9.0</u>	<u>2.98</u>
2	<u>11.1</u>	<u>3.31</u>	<u>56.45</u>	<u>7.0</u>	<u>2.63</u>
3	<u>9.2</u>	<u>3.02</u>	<u>51.43</u>	<u>5.8</u>	<u>2.40</u>
4	<u>5.2</u>	<u>2.27</u>	<u>38.76</u>	<u>2.8</u>	<u>1.66</u>
5	<u>3.8</u>	<u>1.94</u>	<u>33.20</u>	<u>2.0</u>	<u>1.41</u>

### By Linear Regression of Y on X

Slope, mw = 0.0543 Intercept, bw : -0.4130

Correlation coefficient\* = 0.9995

\*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; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ <u>3.73</u>	

Remarks: \_\_\_\_\_

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 6-May-25

Checked by: Henry Leung Signature: [Signature] Date: 6-May-25

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/04/0029

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

Date: 13-Mar-25 Next Due Date: 13-May-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	<u>297.3</u>	Pressure, Pa (mmHg)	<u>760.1</u>

Orifice Transfer Standard Information					
Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.0</u>	3.61	61.44	<u>8.5</u>	2.92
2	<u>10.8</u>	3.29	56.04	<u>7.2</u>	2.69
3	<u>8.7</u>	2.95	50.34	<u>5.6</u>	2.37
4	<u>5.1</u>	2.26	38.64	<u>3.2</u>	1.79
5	<u>3.9</u>	1.98	33.84	<u>2.2</u>	1.49

By Linear Regression of Y on X

Slope, mw = 0.0518 Intercept, bw : -0.2382

Correlation coefficient\* = 0.9990

\*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 = $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ <u>3.94</u>	

Remarks: \_\_\_\_\_

Conducted by: Wong Shing Kwai Signature:  Date: 13-Mar-25

Checked by: Henry Leung Signature:  Date: 13-Mar-25

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/04/0030

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

Date: 14-May-25 Next Due Date: 14-Jul-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	<u>300.2</u>	Pressure, Pa (mmHg)	<u>759.6</u>

Orifice Transfer Standard Information					
Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>12.8</u>	3.56	60.66	<u>8.2</u>	2.85
2	<u>10.6</u>	3.24	55.24	<u>7.0</u>	2.64
3	<u>8.6</u>	2.92	49.79	<u>5.1</u>	2.25
4	<u>5.0</u>	2.23	38.06	<u>2.9</u>	1.70
5	<u>3.8</u>	1.94	33.23	<u>2.0</u>	1.41

By Linear Regression of Y on X

Slope, mw = 0.0529 Intercept, bw : -0.3400

Correlation coefficient\* = 0.9981

\*If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation	
From the TSP Field Calibration Curve, take Qstd = 43 CFM	
From the Regression Equation, the "Y" value according to	
$mw \times Qstd + bw = [\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$	
Therefore, Set Point; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ <u>3.78</u>	

Remarks: \_\_\_\_\_

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 14-May-25

Checked by: Henry Leung Signature: [Signature] Date: 14-May-25



# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/44/0028

Project No. KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)  
 Date: 13-Mar-25 Next Due Date: 13-May-25 Operator: SK  
 Equipment No.: A-01-44 Model No.: TE-5170 Serial No. 1316

Ambient Condition			
Temperature, Ta (K)	<u>297.3</u>	Pressure, Pa (mmHg)	<u>760.1</u>

Orifice Transfer Standard Information					
Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.5</u>	3.68	62.61	<u>9.1</u>	3.02
2	<u>11.4</u>	3.38	57.56	<u>7.5</u>	2.74
3	<u>9.3</u>	3.05	52.03	<u>5.7</u>	2.39
4	<u>6.0</u>	2.45	41.87	<u>3.6</u>	1.90
5	<u>3.6</u>	1.90	32.52	<u>2.0</u>	1.42

By Linear Regression of Y on X

Slope, mw = 0.0531 Intercept, bw : -0.3244

Correlation coefficient\* = 0.9991

\*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 =  $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$  3.83

Remarks: \_\_\_\_\_  
 \_\_\_\_\_

Conducted by: Wong Shing Kwai Signature:  Date: 13-Mar-25

Checked by: Henry Leung Signature:  Date: 13-Mar-25



# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/44/0029

Project No. KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)  
 Date: 14-May-25 Next Due Date: 14-Jul-25 Operator: SK  
 Equipment No.: A-01-44 Model No.: TE-5170 Serial No. 1316

Ambient Condition			
Temperature, Ta (K)	<u>300.2</u>	Pressure, Pa (mmHg)	<u>759.6</u>

Orifice Transfer Standard Information					
Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.6</u>	<u>3.67</u>	<u>62.51</u>	<u>9.0</u>	<u>2.99</u>
2	<u>11.5</u>	<u>3.38</u>	<u>57.52</u>	<u>7.4</u>	<u>2.71</u>
3	<u>9.4</u>	<u>3.05</u>	<u>52.04</u>	<u>5.6</u>	<u>2.36</u>
4	<u>6.0</u>	<u>2.44</u>	<u>41.66</u>	<u>3.5</u>	<u>1.86</u>
5	<u>3.7</u>	<u>1.92</u>	<u>32.80</u>	<u>2.0</u>	<u>1.41</u>

By Linear Regression of Y on X

Slope, mw = 0.0528 Intercept, bw : -0.3396

Correlation coefficient\* = 0.9988

\*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: [Signature] Date: 14-May-25

Checked by: Henry Leung Signature: [Signature] Date: 14-May-25

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/41/0028

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

Date: 13-Mar-25 Next Due Date: 13-May-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	<u>297.3</u>	Pressure, Pa (mmHg)	<u>760.1</u>

Orifice Transfer Standard Information					
Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.8</u>	<u>3.72</u>	<u>63.29</u>	<u>9.6</u>	<u>3.10</u>
2	<u>11.6</u>	<u>3.41</u>	<u>58.06</u>	<u>8.5</u>	<u>2.92</u>
3	<u>9.6</u>	<u>3.10</u>	<u>52.86</u>	<u>6.3</u>	<u>2.51</u>
4	<u>7.1</u>	<u>2.67</u>	<u>45.51</u>	<u>4.4</u>	<u>2.10</u>
5	<u>4.1</u>	<u>2.03</u>	<u>34.68</u>	<u>2.3</u>	<u>1.52</u>

### By Linear Regression of Y on X

Slope, mw = 0.0570 Intercept, bw : -0.4710

Correlation coefficient\* = 0.9972

\*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 x Qstd + bw ) <sup>2</sup> x ( 760 / Pa ) x ( Ta / 298 ) = <u>3.92</u>	

Remarks: \_\_\_\_\_

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 13-Mar-25

Checked by: Henry Leung Signature: [Signature] Date: 13-Mar-25

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/41/0029

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

Date: 14-May-25 Next Due Date: 14-Jul-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	<u>300.2</u>	Pressure, Pa (mmHg)	<u>759.6</u>

Orifice Transfer Standard Information					
Serial No.	<u>3864</u>	Slope, mc	<u>0.05914</u>	Intercept, bc	<u>-0.02377</u>
Last Calibration Date:	<u>7-Jan-25</u>	$mc \times Qstd + bc = [\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	<u>7-Jan-26</u>	$Qstd = \{[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	$\Delta H$ (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	$\Delta W$ (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.7</u>	<u>3.69</u>	<u>62.74</u>	<u>9.3</u>	<u>3.04</u>
2	<u>11.5</u>	<u>3.38</u>	<u>57.52</u>	<u>8.0</u>	<u>2.82</u>
3	<u>9.5</u>	<u>3.07</u>	<u>52.31</u>	<u>6.2</u>	<u>2.48</u>
4	<u>7.0</u>	<u>2.64</u>	<u>44.96</u>	<u>4.3</u>	<u>2.07</u>
5	<u>4.0</u>	<u>1.99</u>	<u>34.09</u>	<u>2.0</u>	<u>1.41</u>

### By Linear Regression of Y on X

Slope, mw = 0.0577 Intercept, bw : -0.5406

Correlation coefficient\* = 0.9989

\*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; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ <u>3.79</u>	

Remarks: \_\_\_\_\_

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 14-May-25

Checked by: Henry Leung Signature: [Signature] Date: 14-May-25

**Certificate of Calibration**

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


Description: Digital Dust Indicator Date of Calibration 17-Apr-25  
 Manufacturer: Sibata Scientific Technology LTD. Validity of Calibration Record 17-Jun-25  
 Model No.: LD-5R  
 Serial No.: 4X7590  
 Equipment No.: SA-01-14 Sensitivity 1 CPM = 0.001 mg/m<sup>3</sup>  
 High Volume Sampler No.: A-01-03 Before Sensitivity Adjustment 548 CPM  
 Tisch Calibration Orifice No.: 3864 After Sensitivity Adjustment 548 CPM

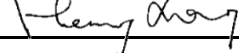
Calibration of 1 hr TSP		
Calibration Point	Laser Dust Monitor	HVS
	Mass Concentration (µg/m <sup>3</sup> ) X-axis	Mass concentration (µg/m <sup>3</sup> ) Y-axis
1	31.0	53.0
2	28.0	51.0
3	62.0	104.0
Average	40.3	69.3
By Linear Regression of Y on X Slope, mw = <u>1.5941</u> Intercept, bw = <u>5.0390</u> Correlation coefficient* = <u>0.9989</u>		
Set Correlation Factor		
Particulate Concentration by High Volume Sampler (µg/m <sup>3</sup> )		69.3
Particulate Concentration by Dust Meter (µg/m <sup>3</sup> )		40.3
Measuring time, (min)		60.0
Set Correlation Factor, SCF		
SCF = [ K=High Volume Sampler / Dust Meter, (µg/m <sup>3</sup> ) ]		<u>1.7</u>

In-house method in according to the instruction manual:

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

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

Calibrated by:   
 Technical Officer (Wong Shing Kwai)

Approved by:   
 Project Manager (Henry Leung)

**Certificate of Calibration**

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


Description: Digital Dust Indicator Date of Calibration 17-Apr-25  
 Manufacturer: Sibata Scientific Technology LTD. Validity of Calibration Record 17-Jun-25  
 Model No.: LD-5R  
 Serial No.: 4X7585  
 Equipment No.: SA-01-15 Sensitivity 1 CPM = 0.001 mg/m<sup>3</sup>  
 High Volume Sampler No.: A-01-03 Before Sensitivity Adjustment 669 CPM  
 Tisch Calibration Orifice No.: 3864 After Sensitivity Adjustment 669 CPM

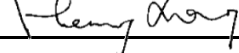
Calibration of 1 hr TSP		
Calibration Point	Laser Dust Monitor	HVS
	Mass Concentration (µg/m <sup>3</sup> ) X-axis	Mass concentration (µg/m <sup>3</sup> ) Y-axis
1	32.0	54.0
2	28.0	53.0
3	62.0	104.0
Average	40.7	70.3
By Linear Regression of Y on X Slope, mw = <u>1.5627</u> Intercept, bw = <u>6.7819</u> Correlation coefficient* = <u>0.9959</u>		
Set Correlation Factor		
Particulate Concentration by High Volume Sampler (µg/m <sup>3</sup> )		70.3
Particulate Concentration by Dust Meter (µg/m <sup>3</sup> )		40.7
Measuring time, (min)		60.0
Set Correlation Factor, SCF		
SCF = [ K=High Volume Sampler / Dust Meter, (µg/m <sup>3</sup> ) ]		<u>1.7</u>

In-house method in according to the instruction manual:

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

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

Calibrated by:   
 Technical Officer (Wong Shing Kwai)

Approved by:   
 Project Manager (Henry Leung)

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**APPENDIX D**  
**WEATHER INFORMATION**

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**Appendix D - Weather Conditions During Impact Monitoring Period**

Date	Mean Air Temperature (°C) <sup>1</sup>	Mean Relative Humidity (%) <sup>2</sup>	Precipitation (mm) <sup>3</sup>
1-May-25	25.6	83	1.4
2-May-25	27.4	75	0.0
3-May-25	26.8	81	0.0
4-May-25	27.5	81	Trace
5-May-25	27.8	79	Trace
6-May-25	28.1	82	0.4
7-May-25	27.1	88	9.8
8-May-25	26.4	87	0.6
9-May-25	27.2	83	0.4
10-May-25	27.2	76	Trace
11-May-25	24.8	57	3.9
12-May-25	25.9	54	0.0
13-May-25	25.8	72	0.0
14-May-25	27.2	78	Trace
15-May-25	28.2	78	0.0
16-May-25	27.8	83	Trace
17-May-25	28.8	77	0.0
18-May-25	29.0	77	0.0
19-May-25	29.0	78	Trace
20-May-25	29.5	77	0.0
21-May-25	29.9	76	0.0
22-May-25	30.1	74	0.0
23-May-25	29.7	77	2.0
24-May-25	27.9	76	3.5
25-May-25	25.9	65	0.0
26-May-25	25.5	63	0.0
27-May-25	26.3	67	0.0
28-May-25	26.0	82	Trace
29-May-25	26.2	90	53.2
30-May-25	24.3	88	6.4
31-May-25	25.0	82	Trace

**(Reporting Month: May 2025)****Remarks:**

Source - Hong Kong Observatory

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

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
1 May 2025	12:00 AM	NNW	0.1
1 May 2025	1:00 AM	NNW	0.1
1 May 2025	2:00 AM	NNW	0.1
1 May 2025	3:00 AM	NNW	0.1
1 May 2025	4:00 AM	NNW	0.1
1 May 2025	5:00 AM	NNW	0.1
1 May 2025	6:00 AM	NNW	0.1
1 May 2025	7:00 AM	NNW	0.1
1 May 2025	8:00 AM	NNW	0.1
1 May 2025	9:00 AM	NNW	0.1
1 May 2025	10:00 AM	NW	0.1
1 May 2025	11:00 AM	NNW	0.2
1 May 2025	12:00 PM	NNW	0.1
1 May 2025	1:00 PM	NNW	0.1
1 May 2025	2:00 PM	NNW	0.1
1 May 2025	3:00 PM	NNW	0.2
1 May 2025	4:00 PM	ESE	0.1
1 May 2025	5:00 PM	NNW	0.1
1 May 2025	6:00 PM	NW	0.1
1 May 2025	7:00 PM	NW	0.1
1 May 2025	8:00 PM	SSW	0.1
1 May 2025	9:00 PM	WNW	0.4
1 May 2025	10:00 PM	ESE	0.4
1 May 2025	11:00 PM	WSW	0.1
2 May 2025	12:00 AM	NW	0.2
2 May 2025	1:00 AM	S	0.2
2 May 2025	2:00 AM	SSE	0.2
2 May 2025	3:00 AM	SSE	0.1
2 May 2025	4:00 AM	ESE	0.6
2 May 2025	5:00 AM	S	0.5
2 May 2025	6:00 AM	E	0.6
2 May 2025	7:00 AM	WNW	0.2
2 May 2025	8:00 AM	ENE	0.3
2 May 2025	9:00 AM	S	0.2
2 May 2025	10:00 AM	SSE	0.2
2 May 2025	11:00 AM	SE	0.2
2 May 2025	12:00 PM	SSW	0.1
2 May 2025	1:00 PM	SE	0.1
2 May 2025	2:00 PM	N	0.1
2 May 2025	3:00 PM	NNW	0.2
2 May 2025	4:00 PM	NW	0.1
2 May 2025	5:00 PM	W	0.3
2 May 2025	6:00 PM	NW	0.2
2 May 2025	7:00 PM	S	0.5
2 May 2025	8:00 PM	SSW	0.4
2 May 2025	9:00 PM	S	0.2
2 May 2025	10:00 PM	SSW	0.1
2 May 2025	11:00 PM	SSE	0.1
3 May 2025	12:00 AM	NNW	0.1
3 May 2025	1:00 AM	SW	0.1
3 May 2025	2:00 AM	NNW	0.3
3 May 2025	3:00 AM	NNW	0.1
3 May 2025	4:00 AM	WSW	0.4
3 May 2025	5:00 AM	S	0.2
3 May 2025	6:00 AM	WNW	0.3
3 May 2025	7:00 AM	SSW	0.2
3 May 2025	8:00 AM	SW	0.4



May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
3 May 2025	9:00 AM	SSW	0.5
3 May 2025	10:00 AM	WNW	0.4
3 May 2025	11:00 AM	S	0.4
3 May 2025	12:00 PM	ESE	0.7
3 May 2025	1:00 PM	SW	0.3
3 May 2025	2:00 PM	SE	0.2
3 May 2025	3:00 PM	S	0.7
3 May 2025	4:00 PM	ESE	0.7
3 May 2025	5:00 PM	ENE	0.5
3 May 2025	6:00 PM	E	0.5
3 May 2025	7:00 PM	WSW	0.2
3 May 2025	8:00 PM	SE	0.6
3 May 2025	9:00 PM	S	0.4
3 May 2025	10:00 PM	SE	0.3
3 May 2025	11:00 PM	SSW	0.6
4 May 2025	12:00 AM	WSW	0.3
4 May 2025	1:00 AM	S	0.3
4 May 2025	2:00 AM	WSW	0.8
4 May 2025	3:00 AM	ESE	0.3
4 May 2025	4:00 AM	WNW	0.5
4 May 2025	5:00 AM	WSW	0.5
4 May 2025	6:00 AM	SW	0.4
4 May 2025	7:00 AM	SSE	0.4
4 May 2025	8:00 AM	SSW	0.3
4 May 2025	9:00 AM	WSW	0.1
4 May 2025	10:00 AM	WNW	0.2
4 May 2025	11:00 AM	S	0.2
4 May 2025	12:00 PM	SSW	0.2
4 May 2025	1:00 PM	ENE	0.9
4 May 2025	2:00 PM	SSW	0.1
4 May 2025	3:00 PM	SSE	0.5
4 May 2025	4:00 PM	SE	0.1
4 May 2025	5:00 PM	E	0.2
4 May 2025	6:00 PM	SSW	0.4
4 May 2025	7:00 PM	S	0.5
4 May 2025	8:00 PM	SW	0.5
4 May 2025	9:00 PM	SSW	0.1
4 May 2025	10:00 PM	W	0.1
4 May 2025	11:00 PM	WNW	0.2
5 May 2025	12:00 AM	WNW	0.4
5 May 2025	1:00 AM	WNW	0.2
5 May 2025	2:00 AM	WNW	0.3
5 May 2025	3:00 AM	WNW	0.2
5 May 2025	4:00 AM	WNW	0.3
5 May 2025	5:00 AM	S	0.5
5 May 2025	6:00 AM	SSW	0.3
5 May 2025	7:00 AM	SW	0.1
5 May 2025	8:00 AM	SW	0.2
5 May 2025	9:00 AM	S	0.3
5 May 2025	10:00 AM	ESE	0.5
5 May 2025	11:00 AM	SE	0.2
5 May 2025	12:00 PM	SW	0.4
5 May 2025	1:00 PM	SW	0.3
5 May 2025	2:00 PM	SW	0.3
5 May 2025	3:00 PM	SSW	0.2
5 May 2025	4:00 PM	W	0.1
5 May 2025	5:00 PM	W	0.3

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
5 May 2025	6:00 PM	SW	0.2
5 May 2025	7:00 PM	ESE	0.1
5 May 2025	8:00 PM	S	0.1
5 May 2025	9:00 PM	SE	0.3
5 May 2025	10:00 PM	SE	0.1
5 May 2025	11:00 PM	WSW	0.4
6 May 2025	12:00 AM	SSW	0.1
6 May 2025	1:00 AM	WSW	0.1
6 May 2025	2:00 AM	NW	0.2
6 May 2025	3:00 AM	WNW	0.2
6 May 2025	4:00 AM	SW	0.2
6 May 2025	5:00 AM	ESE	0.1
6 May 2025	6:00 AM	NNW	0.1
6 May 2025	7:00 AM	SE	0.1
6 May 2025	8:00 AM	SSE	0.1
6 May 2025	9:00 AM	NW	0.2
6 May 2025	10:00 AM	N	0.1
6 May 2025	11:00 AM	SW	0.2
6 May 2025	12:00 PM	S	0.3
6 May 2025	1:00 PM	SW	0.1
6 May 2025	2:00 PM	W	0.7
6 May 2025	3:00 PM	SE	0.8
6 May 2025	4:00 PM	NNE	0.2
6 May 2025	5:00 PM	NW	0.2
6 May 2025	6:00 PM	S	0.1
6 May 2025	7:00 PM	SSE	0.1
6 May 2025	8:00 PM	S	0.3
6 May 2025	9:00 PM	SSE	0.4
6 May 2025	10:00 PM	SSE	0.6
6 May 2025	11:00 PM	SE	0.4
7 May 2025	12:00 AM	SE	0.2
7 May 2025	1:00 AM	E	0.1
7 May 2025	2:00 AM	SE	0.1
7 May 2025	3:00 AM	NE	0.4
7 May 2025	4:00 AM	NE	0.1
7 May 2025	5:00 AM	NNE	0.3
7 May 2025	6:00 AM	WSW	0.2
7 May 2025	7:00 AM	SSW	0.1
7 May 2025	8:00 AM	W	0.1
7 May 2025	9:00 AM	SE	0.1
7 May 2025	10:00 AM	S	0.4
7 May 2025	11:00 AM	WSW	0.1
7 May 2025	12:00 PM	WNW	0.5
7 May 2025	1:00 PM	SW	0.1
7 May 2025	2:00 PM	NW	0.4
7 May 2025	3:00 PM	WNW	0.1
7 May 2025	4:00 PM	NW	0.2
7 May 2025	5:00 PM	W	0.5
7 May 2025	6:00 PM	SW	0.8
7 May 2025	7:00 PM	WSW	0.5
7 May 2025	8:00 PM	WNW	0.4
7 May 2025	9:00 PM	SSW	0.5
7 May 2025	10:00 PM	WSW	0.5
7 May 2025	11:00 PM	SSE	0.7
8 May 2025	12:00 AM	W	0.8
8 May 2025	1:00 AM	SSW	1.1
8 May 2025	2:00 AM	SSE	0.7

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
8 May 2025	3:00 AM	WSW	0.5
8 May 2025	4:00 AM	NW	0.5
8 May 2025	5:00 AM	SW	0.4
8 May 2025	6:00 AM	W	0.7
8 May 2025	7:00 AM	WSW	1.0
8 May 2025	8:00 AM	WSW	0.7
8 May 2025	9:00 AM	SSW	0.6
8 May 2025	10:00 AM	S	0.8
8 May 2025	11:00 AM	SW	1.2
8 May 2025	12:00 PM	W	0.9
8 May 2025	1:00 PM	WSW	0.6
8 May 2025	2:00 PM	SSW	0.6
8 May 2025	3:00 PM	W	0.9
8 May 2025	4:00 PM	W	0.3
8 May 2025	5:00 PM	W	0.4
8 May 2025	6:00 PM	ESE	0.7
8 May 2025	7:00 PM	SSW	0.7
8 May 2025	8:00 PM	W	0.4
8 May 2025	9:00 PM	W	0.7
8 May 2025	10:00 PM	SSW	0.5
8 May 2025	11:00 PM	WSW	0.5
9 May 2025	12:00 AM	WSW	0.3
9 May 2025	1:00 AM	SSE	1.1
9 May 2025	2:00 AM	SW	0.5
9 May 2025	3:00 AM	S	0.9
9 May 2025	4:00 AM	WSW	0.5
9 May 2025	5:00 AM	SW	0.6
9 May 2025	6:00 AM	SSW	0.7
9 May 2025	7:00 AM	WSW	0.7
9 May 2025	8:00 AM	SSW	1.1
9 May 2025	9:00 AM	SSW	0.6
9 May 2025	10:00 AM	SW	0.6
9 May 2025	11:00 AM	W	0.8
9 May 2025	12:00 PM	WNW	0.9
9 May 2025	1:00 PM	W	1.0
9 May 2025	2:00 PM	W	1.0
9 May 2025	3:00 PM	S	0.4
9 May 2025	4:00 PM	SW	0.8
9 May 2025	5:00 PM	SSE	1.0
9 May 2025	6:00 PM	W	0.9
9 May 2025	7:00 PM	W	1.0
9 May 2025	8:00 PM	W	0.6
9 May 2025	9:00 PM	WNW	0.2
9 May 2025	10:00 PM	ESE	1.0
9 May 2025	11:00 PM	SW	0.3
10 May 2025	12:00 AM	SSW	0.6
10 May 2025	1:00 AM	WNW	0.4
10 May 2025	2:00 AM	WSW	0.4
10 May 2025	3:00 AM	WSW	0.6
10 May 2025	4:00 AM	WNW	0.3
10 May 2025	5:00 AM	S	0.4
10 May 2025	6:00 AM	WNW	0.6
10 May 2025	7:00 AM	SW	0.4
10 May 2025	8:00 AM	SW	0.6
10 May 2025	9:00 AM	SSW	0.5
10 May 2025	10:00 AM	SSE	0.6
10 May 2025	11:00 AM	SE	0.9

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
10 May 2025	12:00 PM	SW	0.6
10 May 2025	1:00 PM	SW	0.7
10 May 2025	2:00 PM	WSW	0.5
10 May 2025	3:00 PM	SSE	0.5
10 May 2025	4:00 PM	SSE	0.8
10 May 2025	5:00 PM	W	0.5
10 May 2025	6:00 PM	WSW	0.8
10 May 2025	7:00 PM	SW	0.5
10 May 2025	8:00 PM	SSE	0.8
10 May 2025	9:00 PM	SSW	0.9
10 May 2025	10:00 PM	WSW	0.5
10 May 2025	11:00 PM	WSW	0.8
11 May 2025	12:00 AM	SSW	0.5
11 May 2025	1:00 AM	WSW	0.3
11 May 2025	2:00 AM	WNW	0.6
11 May 2025	3:00 AM	SSW	0.7
11 May 2025	4:00 AM	E	0.2
11 May 2025	5:00 AM	WSW	0.6
11 May 2025	6:00 AM	W	1.2
11 May 2025	7:00 AM	SE	0.9
11 May 2025	8:00 AM	SW	0.8
11 May 2025	9:00 AM	W	0.5
11 May 2025	10:00 AM	SW	0.8
11 May 2025	11:00 AM	WSW	0.5
11 May 2025	12:00 PM	S	0.5
11 May 2025	1:00 PM	WSW	0.6
11 May 2025	2:00 PM	SSE	0.4
11 May 2025	3:00 PM	SW	0.4
11 May 2025	4:00 PM	WSW	0.3
11 May 2025	5:00 PM	SW	0.4
11 May 2025	6:00 PM	WSW	0.5
11 May 2025	7:00 PM	W	0.4
11 May 2025	8:00 PM	E	0.3
11 May 2025	9:00 PM	SSW	0.3
11 May 2025	10:00 PM	SW	0.3
11 May 2025	11:00 PM	NW	0.1
12 May 2025	12:00 AM	NW	0.1
12 May 2025	1:00 AM	NW	0.5
12 May 2025	2:00 AM	W	0.2
12 May 2025	3:00 AM	SSW	0.3
12 May 2025	4:00 AM	SW	0.2
12 May 2025	5:00 AM	WSW	0.6
12 May 2025	6:00 AM	SSW	0.3
12 May 2025	7:00 AM	WSW	0.2
12 May 2025	8:00 AM	SW	0.8
12 May 2025	9:00 AM	SSE	0.5
12 May 2025	10:00 AM	WSW	0.6
12 May 2025	11:00 AM	WSW	0.5
12 May 2025	12:00 PM	SSW	0.6
12 May 2025	1:00 PM	SE	0.3
12 May 2025	2:00 PM	SSE	0.6
12 May 2025	3:00 PM	W	0.7
12 May 2025	4:00 PM	WNW	0.2
12 May 2025	5:00 PM	SSE	0.3
12 May 2025	6:00 PM	SW	0.7
12 May 2025	7:00 PM	WSW	0.5
12 May 2025	8:00 PM	SW	0.6

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
12 May 2025	9:00 PM	W	0.5
12 May 2025	10:00 PM	WNW	0.2
12 May 2025	11:00 PM	SW	0.3
13 May 2025	12:00 AM	W	0.2
13 May 2025	1:00 AM	S	0.2
13 May 2025	2:00 AM	WNW	0.2
13 May 2025	3:00 AM	NW	0.1
13 May 2025	4:00 AM	WNW	0.1
13 May 2025	5:00 AM	SSW	0.2
13 May 2025	6:00 AM	WNW	0.4
13 May 2025	7:00 AM	WSW	0.6
13 May 2025	8:00 AM	WNW	0.3
13 May 2025	9:00 AM	NW	0.3
13 May 2025	10:00 AM	SSE	0.1
13 May 2025	11:00 AM	SW	0.1
13 May 2025	12:00 PM	WNW	0.1
13 May 2025	1:00 PM	SW	0.2
13 May 2025	2:00 PM	SW	0.6
13 May 2025	3:00 PM	W	0.2
13 May 2025	4:00 PM	SW	0.5
13 May 2025	5:00 PM	SW	0.6
13 May 2025	6:00 PM	WSW	0.6
13 May 2025	7:00 PM	W	0.5
13 May 2025	8:00 PM	W	0.1
13 May 2025	9:00 PM	SSE	0.5
13 May 2025	10:00 PM	NW	1.4
13 May 2025	11:00 PM	NW	0.4
14 May 2025	12:00 AM	SE	0.4
14 May 2025	1:00 AM	WSW	0.4
14 May 2025	2:00 AM	WSW	0.2
14 May 2025	3:00 AM	N	0.2
14 May 2025	4:00 AM	NNW	0.2
14 May 2025	5:00 AM	NNW	0.2
14 May 2025	6:00 AM	WNW	0.2
14 May 2025	7:00 AM	WNW	0.3
14 May 2025	8:00 AM	NW	0.2
14 May 2025	9:00 AM	WNW	0.1
14 May 2025	10:00 AM	WNW	0.3
14 May 2025	11:00 AM	W	0.1
14 May 2025	12:00 PM	NNW	0.1
14 May 2025	1:00 PM	SSE	0.1
14 May 2025	2:00 PM	ESE	0.5
14 May 2025	3:00 PM	N	0.1
14 May 2025	4:00 PM	N	0.1
14 May 2025	5:00 PM	N	0.2
14 May 2025	6:00 PM	NNW	0.1
14 May 2025	7:00 PM	W	0.3
14 May 2025	8:00 PM	S	0.2
14 May 2025	9:00 PM	W	0.1
14 May 2025	10:00 PM	WNW	0.1
14 May 2025	11:00 PM	W	0.2
15 May 2025	12:00 AM	W	0.1
15 May 2025	1:00 AM	SSW	0.1
15 May 2025	2:00 AM	SSW	0.3
15 May 2025	3:00 AM	WNW	0.3
15 May 2025	4:00 AM	WNW	0.1
15 May 2025	5:00 AM	SW	0.1

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
15 May 2025	6:00 AM	NNW	0.3
15 May 2025	7:00 AM	W	0.2
15 May 2025	8:00 AM	WNW	0.2
15 May 2025	9:00 AM	SW	0.1
15 May 2025	10:00 AM	WNW	0.2
15 May 2025	11:00 AM	WSW	0.1
15 May 2025	12:00 PM	N	0.1
15 May 2025	1:00 PM	SW	0.2
15 May 2025	2:00 PM	SSW	0.2
15 May 2025	3:00 PM	W	0.2
15 May 2025	4:00 PM	W	0.3
15 May 2025	5:00 PM	W	0.1
15 May 2025	6:00 PM	NW	0.1
15 May 2025	7:00 PM	W	0.1
15 May 2025	8:00 PM	WNW	0.1
15 May 2025	9:00 PM	WNW	0.1
15 May 2025	10:00 PM	SSW	0.2
15 May 2025	11:00 PM	SSE	0.2
16 May 2025	12:00 AM	SE	0.2
16 May 2025	1:00 AM	SW	0.2
16 May 2025	2:00 AM	NW	0.1
16 May 2025	3:00 AM	NW	0.1
16 May 2025	4:00 AM	NW	0.1
16 May 2025	5:00 AM	NW	0.4
16 May 2025	6:00 AM	WNW	0.1
16 May 2025	7:00 AM	SSW	0.2
16 May 2025	8:00 AM	ESE	0.4
16 May 2025	9:00 AM	WSW	0.6
16 May 2025	10:00 AM	SW	0.5
16 May 2025	11:00 AM	NNW	0.2
16 May 2025	12:00 PM	NNW	0.2
16 May 2025	1:00 PM	NW	0.6
16 May 2025	2:00 PM	NW	0.3
16 May 2025	3:00 PM	NNW	0.3
16 May 2025	4:00 PM	NNW	0.2
16 May 2025	5:00 PM	NNW	0.6
16 May 2025	6:00 PM	NW	0.2
16 May 2025	7:00 PM	NNW	0.4
16 May 2025	8:00 PM	WNW	0.2
16 May 2025	9:00 PM	WSW	0.6
16 May 2025	10:00 PM	WSW	0.1
16 May 2025	11:00 PM	SW	0.5
17 May 2025	12:00 AM	W	0.3
17 May 2025	1:00 AM	SSW	0.3
17 May 2025	2:00 AM	NW	0.3
17 May 2025	3:00 AM	WSW	0.5
17 May 2025	4:00 AM	SW	0.3
17 May 2025	5:00 AM	SW	0.4
17 May 2025	6:00 AM	W	0.5
17 May 2025	7:00 AM	NW	0.3
17 May 2025	8:00 AM	NNW	0.1
17 May 2025	9:00 AM	NW	0.2
17 May 2025	10:00 AM	WSW	0.2
17 May 2025	11:00 AM	NW	0.2
17 May 2025	12:00 PM	WNW	0.4
17 May 2025	1:00 PM	SW	0.5
17 May 2025	2:00 PM	NW	0.6

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
17 May 2025	3:00 PM	WNW	0.7
17 May 2025	4:00 PM	SW	0.6
17 May 2025	5:00 PM	SW	0.5
17 May 2025	6:00 PM	WSW	0.2
17 May 2025	7:00 PM	W	0.5
17 May 2025	8:00 PM	W	0.7
17 May 2025	9:00 PM	W	0.4
17 May 2025	10:00 PM	W	0.4
17 May 2025	11:00 PM	WNW	0.3
18 May 2025	12:00 AM	S	0.7
18 May 2025	1:00 AM	NNW	1.3
18 May 2025	2:00 AM	SSE	1.0
18 May 2025	3:00 AM	SSW	0.7
18 May 2025	4:00 AM	WSW	0.3
18 May 2025	5:00 AM	ESE	0.4
18 May 2025	6:00 AM	WSW	0.5
18 May 2025	7:00 AM	W	0.4
18 May 2025	8:00 AM	WNW	0.6
18 May 2025	9:00 AM	W	0.5
18 May 2025	10:00 AM	W	1.0
18 May 2025	11:00 AM	WNW	0.7
18 May 2025	12:00 PM	NW	0.6
18 May 2025	1:00 PM	W	0.7
18 May 2025	2:00 PM	SW	0.6
18 May 2025	3:00 PM	W	0.9
18 May 2025	4:00 PM	SSE	1.0
18 May 2025	5:00 PM	W	0.8
18 May 2025	6:00 PM	SW	0.5
18 May 2025	7:00 PM	SW	0.7
18 May 2025	8:00 PM	W	0.8
18 May 2025	9:00 PM	SW	0.4
18 May 2025	10:00 PM	W	0.3
18 May 2025	11:00 PM	W	0.5
19 May 2025	12:00 AM	SW	0.4
19 May 2025	1:00 AM	ESE	0.2
19 May 2025	2:00 AM	WSW	0.4
19 May 2025	3:00 AM	SW	0.3
19 May 2025	4:00 AM	S	0.1
19 May 2025	5:00 AM	SSE	0.4
19 May 2025	6:00 AM	WSW	0.4
19 May 2025	7:00 AM	S	0.6
19 May 2025	8:00 AM	WNW	0.2
19 May 2025	9:00 AM	SW	0.5
19 May 2025	10:00 AM	S	0.7
19 May 2025	11:00 AM	SSW	0.2
19 May 2025	12:00 PM	WSW	0.6
19 May 2025	1:00 PM	W	0.9
19 May 2025	2:00 PM	S	0.6
19 May 2025	3:00 PM	WSW	0.5
19 May 2025	4:00 PM	NW	0.3
19 May 2025	5:00 PM	SE	0.7
19 May 2025	6:00 PM	E	0.7
19 May 2025	7:00 PM	SSW	0.6
19 May 2025	8:00 PM	SSW	0.3
19 May 2025	9:00 PM	W	0.1
19 May 2025	10:00 PM	SW	0.2
19 May 2025	11:00 PM	WSW	0.1

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
20 May 2025	12:00 AM	SE	0.4
20 May 2025	1:00 AM	ESE	0.9
20 May 2025	2:00 AM	SE	0.8
20 May 2025	3:00 AM	SSW	0.3
20 May 2025	4:00 AM	SSE	0.4
20 May 2025	5:00 AM	S	0.3
20 May 2025	6:00 AM	W	0.3
20 May 2025	7:00 AM	S	0.3
20 May 2025	8:00 AM	WSW	0.3
20 May 2025	9:00 AM	WSW	0.1
20 May 2025	10:00 AM	S	0.2
20 May 2025	11:00 AM	WSW	0.3
20 May 2025	12:00 PM	NW	0.5
20 May 2025	1:00 PM	SW	0.3
20 May 2025	2:00 PM	SE	0.4
20 May 2025	3:00 PM	SSW	0.3
20 May 2025	4:00 PM	SE	0.2
20 May 2025	5:00 PM	SW	0.2
20 May 2025	6:00 PM	W	0.2
20 May 2025	7:00 PM	SSE	0.1
20 May 2025	8:00 PM	S	0.2
20 May 2025	9:00 PM	WSW	0.1
20 May 2025	10:00 PM	SSW	0.2
20 May 2025	11:00 PM	WSW	0.1
21 May 2025	12:00 AM	WSW	0.2
21 May 2025	1:00 AM	WNW	0.1
21 May 2025	2:00 AM	WSW	0.1
21 May 2025	3:00 AM	WSW	0.5
21 May 2025	4:00 AM	WNW	0.6
21 May 2025	5:00 AM	SW	0.4
21 May 2025	6:00 AM	SW	0.1
21 May 2025	7:00 AM	W	0.2
21 May 2025	8:00 AM	SW	0.1
21 May 2025	9:00 AM	S	0.1
21 May 2025	10:00 AM	SSW	0.1
21 May 2025	11:00 AM	WNW	0.2
21 May 2025	12:00 PM	NNW	0.2
21 May 2025	1:00 PM	WNW	0.1
21 May 2025	2:00 PM	WNW	0.1
21 May 2025	3:00 PM	W	0.4
21 May 2025	4:00 PM	SSW	0.2
21 May 2025	5:00 PM	WSW	0.3
21 May 2025	6:00 PM	SW	0.2
21 May 2025	7:00 PM	WNW	0.5
21 May 2025	8:00 PM	W	0.4
21 May 2025	9:00 PM	WNW	0.4
21 May 2025	10:00 PM	WNW	0.6
21 May 2025	11:00 PM	WSW	0.3
22 May 2025	12:00 AM	NW	0.2
22 May 2025	1:00 AM	SSE	0.1
22 May 2025	2:00 AM	WNW	0.4
22 May 2025	3:00 AM	ESE	0.1
22 May 2025	4:00 AM	NW	0.4
22 May 2025	5:00 AM	NNW	0.2
22 May 2025	6:00 AM	NNW	0.2
22 May 2025	7:00 AM	NW	0.1
22 May 2025	8:00 AM	NNW	0.2



May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
22 May 2025	9:00 AM	WSW	0.3
22 May 2025	10:00 AM	W	0.2
22 May 2025	11:00 AM	W	0.1
22 May 2025	12:00 PM	SW	0.1
22 May 2025	1:00 PM	NNW	0.1
22 May 2025	2:00 PM	WNW	0.1
22 May 2025	3:00 PM	SE	0.1
22 May 2025	4:00 PM	NNW	0.2
22 May 2025	5:00 PM	WNW	0.2
22 May 2025	6:00 PM	NNW	0.2
22 May 2025	7:00 PM	WSW	0.1
22 May 2025	8:00 PM	W	0.2
22 May 2025	9:00 PM	SSW	0.3
22 May 2025	10:00 PM	WNW	0.2
22 May 2025	11:00 PM	WSW	0.2
23 May 2025	12:00 AM	NNW	0.1
23 May 2025	1:00 AM	NNW	0.1
23 May 2025	2:00 AM	W	0.1
23 May 2025	3:00 AM	NW	0.1
23 May 2025	4:00 AM	NW	0.1
23 May 2025	5:00 AM	NNW	0.2
23 May 2025	6:00 AM	SSW	0.2
23 May 2025	7:00 AM	SSW	0.2
23 May 2025	8:00 AM	SW	0.3
23 May 2025	9:00 AM	NW	0.4
23 May 2025	10:00 AM	SE	0.2
23 May 2025	11:00 AM	SW	0.4
23 May 2025	12:00 PM	W	0.1
23 May 2025	1:00 PM	WSW	0.3
23 May 2025	2:00 PM	SE	0.2
23 May 2025	3:00 PM	SW	0.2
23 May 2025	4:00 PM	SSW	0.3
23 May 2025	5:00 PM	SSW	0.3
23 May 2025	6:00 PM	NW	0.6
23 May 2025	7:00 PM	WSW	0.8
23 May 2025	8:00 PM	WNW	0.7
23 May 2025	9:00 PM	WNW	0.2
23 May 2025	10:00 PM	ESE	0.3
23 May 2025	11:00 PM	NW	0.5
24 May 2025	12:00 AM	W	0.1
24 May 2025	1:00 AM	W	0.4
24 May 2025	2:00 AM	WSW	0.6
24 May 2025	3:00 AM	SSW	0.8
24 May 2025	4:00 AM	SSW	0.3
24 May 2025	5:00 AM	SW	0.6
24 May 2025	6:00 AM	SW	0.7
24 May 2025	7:00 AM	WSW	0.6
24 May 2025	8:00 AM	SW	0.7
24 May 2025	9:00 AM	SW	0.8
24 May 2025	10:00 AM	SSE	0.4
24 May 2025	11:00 AM	S	0.2
24 May 2025	12:00 PM	W	0.6
24 May 2025	1:00 PM	WNW	0.4
24 May 2025	2:00 PM	NW	0.7
24 May 2025	3:00 PM	WSW	0.3
24 May 2025	4:00 PM	W	0.6
24 May 2025	5:00 PM	WSW	0.5

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
24 May 2025	6:00 PM	SSW	0.1
24 May 2025	7:00 PM	SSW	0.9
24 May 2025	8:00 PM	S	0.7
24 May 2025	9:00 PM	NW	1.0
24 May 2025	10:00 PM	NW	0.5
24 May 2025	11:00 PM	NW	0.5
25 May 2025	12:00 AM	NW	0.7
25 May 2025	1:00 AM	NW	0.6
25 May 2025	2:00 AM	NW	0.8
25 May 2025	3:00 AM	SW	1.0
25 May 2025	4:00 AM	WSW	0.9
25 May 2025	5:00 AM	NW	0.9
25 May 2025	6:00 AM	NW	0.4
25 May 2025	7:00 AM	NW	0.7
25 May 2025	8:00 AM	NW	0.7
25 May 2025	9:00 AM	WNW	0.7
25 May 2025	10:00 AM	SW	0.8
25 May 2025	11:00 AM	WSW	0.9
25 May 2025	12:00 PM	WSW	1.2
25 May 2025	1:00 PM	S	0.8
25 May 2025	2:00 PM	SW	0.9
25 May 2025	3:00 PM	SW	0.6
25 May 2025	4:00 PM	E	0.8
25 May 2025	5:00 PM	SSW	1.2
25 May 2025	6:00 PM	WNW	0.7
25 May 2025	7:00 PM	S	1.2
25 May 2025	8:00 PM	SW	1.3
25 May 2025	9:00 PM	NW	0.7
25 May 2025	10:00 PM	WNW	1.1
25 May 2025	11:00 PM	WNW	0.8
26 May 2025	12:00 AM	S	0.7
26 May 2025	1:00 AM	SW	0.9
26 May 2025	2:00 AM	SW	0.8
26 May 2025	3:00 AM	WNW	1.1
26 May 2025	4:00 AM	W	0.7
26 May 2025	5:00 AM	WNW	0.9
26 May 2025	6:00 AM	WSW	1.1
26 May 2025	7:00 AM	WSW	1.0
26 May 2025	8:00 AM	WSW	1.2
26 May 2025	9:00 AM	SW	1.0
26 May 2025	10:00 AM	W	0.9
26 May 2025	11:00 AM	S	1.1
26 May 2025	12:00 PM	S	1.5
26 May 2025	1:00 PM	SW	1.0
26 May 2025	2:00 PM	S	0.6
26 May 2025	3:00 PM	S	1.3
26 May 2025	4:00 PM	W	1.1
26 May 2025	5:00 PM	WSW	1.0
26 May 2025	6:00 PM	SSW	0.9
26 May 2025	7:00 PM	SSW	1.0
26 May 2025	8:00 PM	W	0.3
26 May 2025	9:00 PM	WSW	0.5
26 May 2025	10:00 PM	S	1.1
26 May 2025	11:00 PM	SW	0.7
27 May 2025	12:00 AM	WSW	0.7
27 May 2025	1:00 AM	SSW	0.7
27 May 2025	2:00 AM	SW	1.1

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
27 May 2025	3:00 AM	SW	1.0
27 May 2025	4:00 AM	NW	1.4
27 May 2025	5:00 AM	NW	0.1
27 May 2025	6:00 AM	SSE	0.3
27 May 2025	7:00 AM	SE	0.4
27 May 2025	8:00 AM	NNW	0.5
27 May 2025	9:00 AM	S	0.7
27 May 2025	10:00 AM	SSW	0.2
27 May 2025	11:00 AM	W	0.3
27 May 2025	12:00 PM	W	0.5
27 May 2025	1:00 PM	SSE	0.2
27 May 2025	2:00 PM	W	0.4
27 May 2025	3:00 PM	W	0.1
27 May 2025	4:00 PM	SSE	0.2
27 May 2025	5:00 PM	W	0.2
27 May 2025	6:00 PM	WNW	0.2
27 May 2025	7:00 PM	WNW	0.3
27 May 2025	8:00 PM	SW	0.3
27 May 2025	9:00 PM	SSW	0.2
27 May 2025	10:00 PM	WSW	0.5
27 May 2025	11:00 PM	W	0.6
28 May 2025	12:00 AM	NW	0.8
28 May 2025	1:00 AM	WSW	0.6
28 May 2025	2:00 AM	SSW	0.3
28 May 2025	3:00 AM	SSW	0.9
28 May 2025	4:00 AM	SSW	0.2
28 May 2025	5:00 AM	W	0.6
28 May 2025	6:00 AM	WSW	0.7
28 May 2025	7:00 AM	SW	0.8
28 May 2025	8:00 AM	S	0.5
28 May 2025	9:00 AM	SSE	0.6
28 May 2025	10:00 AM	W	0.5
28 May 2025	11:00 AM	NW	0.8
28 May 2025	12:00 PM	NW	0.5
28 May 2025	1:00 PM	WSW	0.4
28 May 2025	2:00 PM	S	0.4

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
28 May 2025	3:00 PM	SW	0.6
28 May 2025	4:00 PM	SW	1.1
28 May 2025	5:00 PM	SSW	0.4
28 May 2025	6:00 PM	S	0.6
28 May 2025	7:00 PM	SE	0.5
28 May 2025	8:00 PM	WSW	0.7
28 May 2025	9:00 PM	SSE	0.6
28 May 2025	10:00 PM	SSW	0.5
28 May 2025	11:00 PM	S	0.4
29 May 2025	12:00 AM	WSW	0.7
29 May 2025	1:00 AM	WNW	0.2
29 May 2025	2:00 AM	W	0.1
29 May 2025	3:00 AM	NW	0.7
29 May 2025	4:00 AM	SW	1.0
29 May 2025	5:00 AM	SW	1.0
29 May 2025	6:00 AM	SSW	0.9
29 May 2025	7:00 AM	WSW	0.8
29 May 2025	8:00 AM	SSW	1.2
29 May 2025	9:00 AM	W	0.5
29 May 2025	10:00 AM	W	0.9
29 May 2025	11:00 AM	SW	0.6
29 May 2025	12:00 PM	ENE	0.9
29 May 2025	1:00 PM	WNW	0.9
29 May 2025	2:00 PM	E	0.4
29 May 2025	3:00 PM	SW	0.8
29 May 2025	4:00 PM	WSW	0.4
29 May 2025	5:00 PM	WSW	0.6
29 May 2025	6:00 PM	W	0.5
29 May 2025	7:00 PM	NNW	0.3
29 May 2025	8:00 PM	SE	0.2
29 May 2025	9:00 PM	NW	0.4
29 May 2025	10:00 PM	NW	0.6
29 May 2025	11:00 PM	SSE	0.3
30 May 2025	12:00 AM	SSE	0.3
30 May 2025	1:00 AM	WNW	0.3
30 May 2025	2:00 AM	SSW	0.5
30 May 2025	3:00 AM	WSW	0.5
30 May 2025	4:00 AM	NW	0.7
30 May 2025	5:00 AM	NW	0.3
30 May 2025	6:00 AM	WNW	0.5
30 May 2025	7:00 AM	SW	0.4
30 May 2025	8:00 AM	WNW	0.3
30 May 2025	9:00 AM	S	0.8
30 May 2025	10:00 AM	S	0.6
30 May 2025	11:00 AM	SW	0.6
30 May 2025	12:00 PM	WSW	0.9
30 May 2025	1:00 PM	NNW	0.5
30 May 2025	2:00 PM	W	0.4
30 May 2025	3:00 PM	SW	0.7
30 May 2025	4:00 PM	NW	0.2
30 May 2025	5:00 PM	SW	0.4
30 May 2025	6:00 PM	W	0.4
30 May 2025	7:00 PM	SSW	0.4
30 May 2025	8:00 PM	WSW	0.9
30 May 2025	9:00 PM	S	0.7
30 May 2025	10:00 PM	W	0.3
30 May 2025	11:00 PM	SSW	0.5

May 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
31 May 2025	12:00 AM	WSW	0.3
31 May 2025	1:00 AM	SW	0.4
31 May 2025	2:00 AM	SSW	0.6
31 May 2025	3:00 AM	WSW	0.7
31 May 2025	4:00 AM	WSW	0.8
31 May 2025	5:00 AM	WSW	0.2
31 May 2025	6:00 AM	NNW	0.8
31 May 2025	7:00 AM	S	0.4
31 May 2025	8:00 AM	WSW	0.4
31 May 2025	9:00 AM	SSE	0.3
31 May 2025	10:00 AM	SW	0.5
31 May 2025	11:00 AM	W	0.2
31 May 2025	12:00 PM	SW	0.3
31 May 2025	1:00 PM	NNW	0.4
31 May 2025	2:00 PM	ENE	0.5
31 May 2025	3:00 PM	S	0.7
31 May 2025	4:00 PM	SSE	0.6
31 May 2025	5:00 PM	WNW	0.4
31 May 2025	6:00 PM	W	0.7
31 May 2025	7:00 PM	W	1.0
31 May 2025	8:00 PM	WNW	0.5
31 May 2025	9:00 PM	WSW	0.2
31 May 2025	10:00 PM	SSW	0.3
31 May 2025	11:00 PM	SSW	0.4

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**APPENDIX E**  
**1-HOUR TSP MONITORING RESULTS**

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## Appendix E - 1-hour TSP Monitoring Results

Location CKL1 - Flat 121 Cha Kwo Ling Village			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
21-May-25	13:26	Sunny	62.7
21-May-25	14:26	Sunny	57.5
21-May-25	15:26	Sunny	68.4
Average			62.9
Maximum			68.4
Minimum			57.5
Action Level			323.0
Limit Level			500.0

Location CKL2 - Flat 103 Cha Kwo Ling Village			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
21-May-25	13:21	Sunny	51.3
21-May-25	14:21	Sunny	54.9
21-May-25	15:21	Sunny	54.7
Average			53.6
Maximum			54.9
Minimum			51.3
Action Level			327.0
Limit Level			500.0

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**APPENDIX F**  
**24-HOUR TSP MONITORING RESULTS**  
**AND GRAPHICAL PRESENTATIONS**

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# 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 <sup>3</sup> /min.)		Av. Flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Conc. (µg/m <sup>3</sup> )	Action Level (µg/m3)	Limit Level (µg/m3)	
				Initial	Final		Initial	Final		Initial	Final						
2-May-25	Sunny	300.1	759.0	3.4141	3.5892	0.1751	15166.9	15190.9	24.0	1.19	1.19	1.19	1716.3	102.0	191.0	260.0	
7-May-25	Sunny	299.8	757.0	2.8321	2.8753	0.0432	15224.9	15248.9	24.0	1.19	1.19	1.19	1715.2	25.2			
13-May-25	Sunny	299.5	760.5	2.8401	2.9549	0.1148	15190.9	15214.9	24.0	1.19	1.19	1.19	1719.0	66.8			
19-May-25	Sunny	302.3	757.9	2.8183	2.9018	0.0835	15248.9	15272.9	24.0	1.19	1.19	1.19	1710.1	48.8			
24-May-25	Fine	299.9	759.8	2.8390	2.9145	0.0755	15272.9	15296.9	24.0	1.19	1.20	1.19	1717.5	44.0			
29-May-25	Cloudy	298.3	757.9	2.8305	2.8817	0.0512	15297.0	15321.0	24.0	1.19	1.20	1.19	1720.3	29.8			
Note: <b><i>Bold Italic</i></b> means Action Level exceedance													Min	25.2			
<b><i>Bold Italic with underline</i></b> means Limit Level exceedance													Max	102.0			
													Average	52.8			

## 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 <sup>3</sup> /min.)		Av. Flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Conc. (µg/m <sup>3</sup> )	Action Level (µg/m3)	Limit Level (µg/m3)	
				Initial	Final		Initial	Final		Initial	Final						
2-May-25	Sunny	300.1	759.0	3.4386	3.6520	0.2134	21770.2	21794.2	24.0	1.19	1.19	1.19	1720.0	124.1	183.0	260.0	
7-May-25	Rainy	299.8	757.0	2.8141	2.9238	0.1098	21794.2	21818.2	24.0	1.19	1.19	1.19	1719.1	63.8			
13-May-25	Sunny	299.5	760.5	3.3988	3.5888	0.1900	21818.3	21842.3	24.0	1.20	1.20	1.20	1722.6	110.3			
19-May-25	Sunny	302.3	757.9	2.8056	2.9518	0.1462	21866.3	21890.3	24.0	1.19	1.19	1.19	1714.4	85.3			
24-May-25	Fine	299.9	759.8	2.8208	2.9296	0.1088	21890.3	21914.3	24.0	1.19	1.20	1.20	1721.1	63.2			
29-May-25	Cloudy	298.3	757.9	2.8196	2.9082	0.0886	21914.3	21938.3	24.0	1.19	1.20	1.20	1723.1	51.4			
Note: <b><i>Bold Italic</i></b> means Action Level exceedance													Min	51.4			
<b><i>Bold Italic with underline</i></b> means Limit Level exceedance													Max	124.1			
													Average	83.0			

## 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 <sup>3</sup> /min.)		Av. Flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Conc. (µg/m <sup>3</sup> )	Action Level (µg/m3)	Limit Level (µg/m3)	
				Initial	Final		Initial	Final		Initial	Final						
2-May-25	Sunny	300.1	759.0	3.4080	3.4902	0.0822	20572.6	20596.6	24.0	1.21	1.21	1.21	1744.7	47.1	177.0	260.0	
7-May-25	Rainy	299.8	757.0	2.8270	2.8862	0.0591	20596.6	20620.6	24.0	1.21	1.21	1.21	1743.6	33.9			
13-May-25	Sunny	299.5	760.5	2.8422	2.9184	0.0762	20620.6	20644.6	24.0	1.21	1.21	1.21	1747.6	43.6			
19-May-25	Sunny	302.3	757.9	2.8369	2.8622	0.0253	20644.6	20668.6	24.0	1.21	1.21	1.21	1738.2	14.6			
24-May-25	Fine	299.9	759.8	2.8365	2.8812	0.0447	20668.6	20692.6	24.0	1.21	1.22	1.21	1745.9	25.6			
29-May-25	Cloudy	298.3	757.9	2.8213	2.8567	0.0354	20692.6	20716.6	24.0	1.21	1.22	1.21	1748.9	20.2			
Note: <b><i>Bold Italic</i></b> means Action Level exceedance													Min	14.6			
<b><i>Bold Italic with underline</i></b> means Limit Level exceedance													Max	47.1			
													Average	30.8			

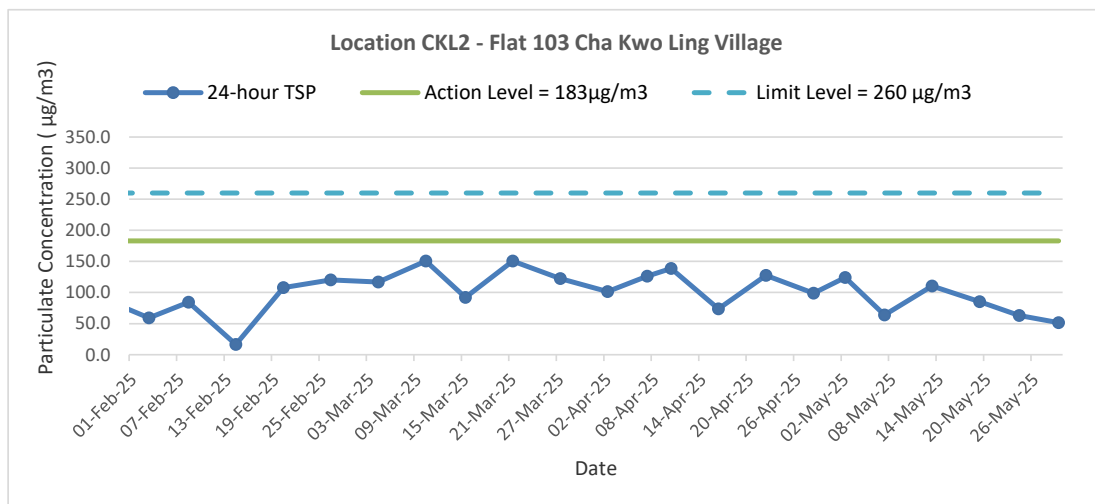
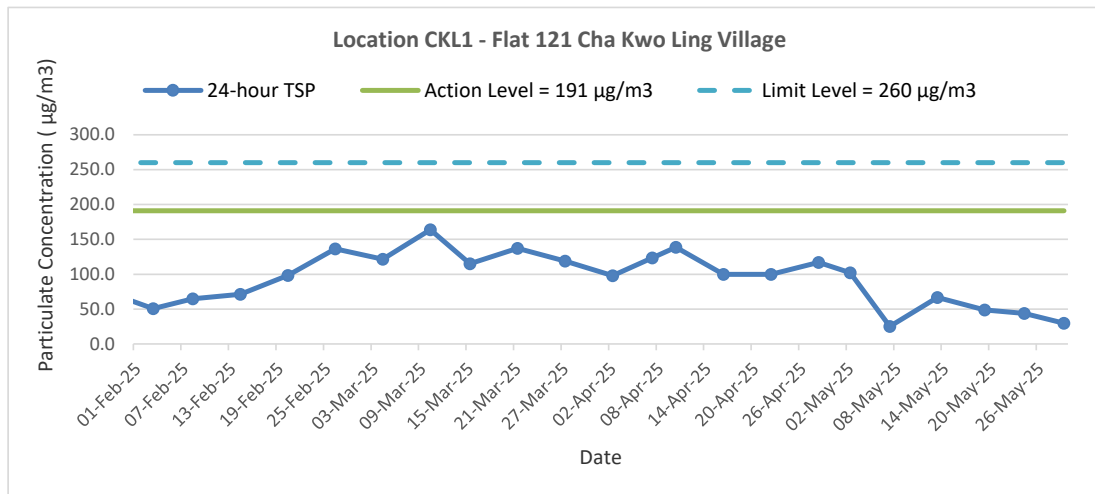
## Location KER1 - Future Residential Development at Kerry Godown

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 <sup>3</sup> /min.)		Av. Flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Conc. (µg/m <sup>3</sup> )	Action Level (µg/m3)	Limit Level (µg/m3)	
				Initial	Final		Initial	Final		Initial	Final						
2-May-25	Sunny	300.1	759.0	3.3852	3.5506	0.1653	18404.6	18428.6	24.0	1.21	1.21	1.21	1742.5	94.9	172.0	260.0	
7-May-25	Rainy	299.8	757.0	2.8250	2.9452	0.1202	18428.6	18452.6	24.0	1.21	1.21	1.21	1741.3	69.0			
13-May-25	Sunny	299.5	760.5	2.8294	2.9690	0.1396	18452.6	18476.6	24.0	1.21	1.21	1.21	1745.5	80.0			
19-May-25	Sunny	302.3	757.9	2.8301	2.8722	0.0421	18476.6	18500.6	24.0	1.21	1.20	1.21	1735.8	24.2			
24-May-25	Fine	299.9	759.8	2.8489	2.9381	0.0892	18500.6	18524.6	24.0	1.21	1.21	1.21	1743.8	51.2			
29-May-25	Cloudy	298.3	757.9	2.8364	2.9309	0.0944	18524.7	18548.7	24.0	1.21	1.21	1.21	1746.1	54.1			
Note: <b><i>Bold Italic</i></b> means Action Level exceedance													Min	24.2			
<b><i>Bold Italic with underline</i></b> means Limit Level exceedance													Max	94.9			
													Average	62.2			

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

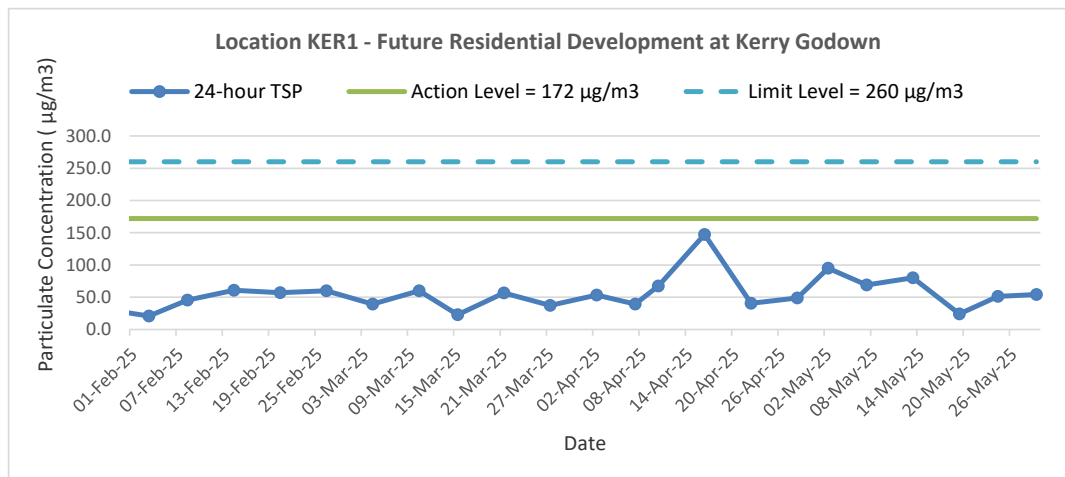
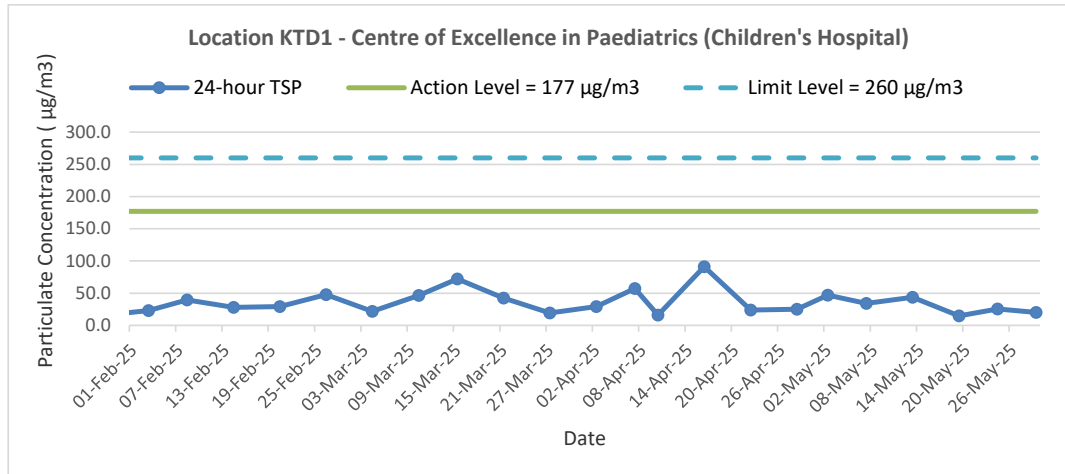
Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m <sup>3</sup> /min.)		Av. Flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Conc. (µg/m <sup>3</sup> )	Action Level (µg/m3)	Limit Level (µg/m3)	
				Initial	Final		Initial	Final		Initial	Final						
2-May-25	Sunny	300.1	759.0	3.3997	3.5480	0.1482	19156.2	19180.2	24.0	1.21	1.21	1.21	1746.4	84.9	157.0	260.0	
7-May-25	Sunny	299.8	757.0	2.8251	2.9309	0.1058	19180.2	19204.2	24.0	1.21	1.21	1.21	1745.3	60.6			
13-May-25	Sunny	299.5	760.5	2.8292	2.9602	0.1311	19204.2	19228.2	24.0	1.22	1.21	1.21	1749.1	74.9			
19-May-25	Sunny	302.3	757.9	2.8441	2.8973	0.0532	19228.2	19252.2	24.0	1.21	1.21	1.21	1740.3	30.5			
24-May-25	Fine	299.9	759.8	2.8358	2.9497	0.1139	19252.2	19276.2	24.0	1.21	1.22	1.21	1747.6	65.2			
29-May-25	Cloudy	298.3	757.9	2.8526	2.9098	0.0573	19276.2	19300.2	24.0	1.21	1.22	1.22	1749.7	32.7			
Note: <b><i>Bold Italic</i></b> means Action Level exceedance													Min	30.5			
<b><i>Bold Italic with underline</i></b> means Limit Level exceedance													Max	84.9			
													Average	58.1			

## 24-hr TSP Concentration Levels



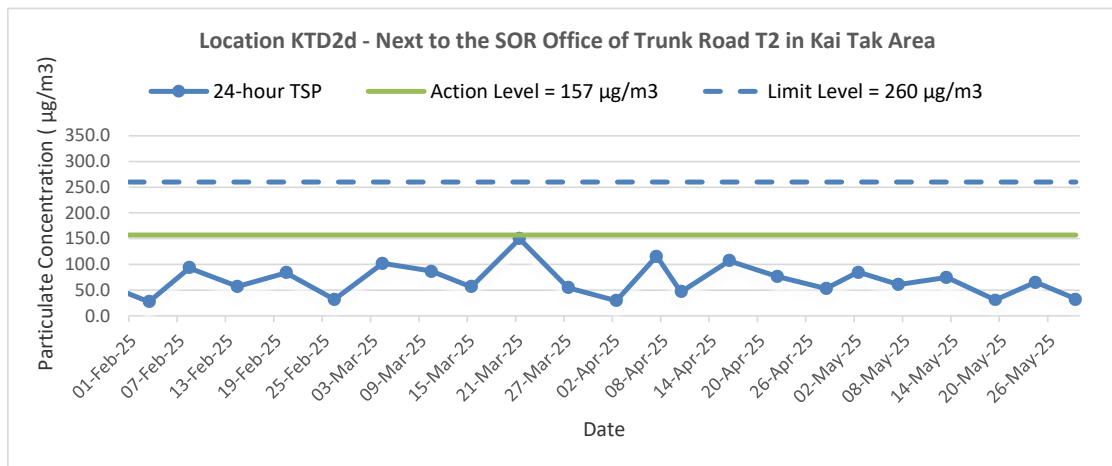
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	May -25	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

## 24-hr TSP Concentration Levels



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

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**APPENDIX G  
COPIES OF CALIBRATION  
CERTIFICATES FOR NOISE  
MONITORING**

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## **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	$\pm 0.0$	$\pm 1.5$
114.0	113.8	- 0.2	$\pm 1.5$

- 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. : 00803

Issue Date : 20 Aug 2024

Application No. : HP00654

### **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-12-07

Manufacturer: : BSWA Technology

Other information :

Model No.	BSWA 308
Serial No.	620091
Microphone No.	620230

Date Received : 09 Aug 2024

Test Period : 16 Aug 2024 to 16 Aug 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. : 00803

Issue Date : 20 Aug 2024

Application No. : HP00654

### **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 -

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**APPENDIX H**  
**NOISE MONITORING RESULTS AND**  
**GRAPHICAL PRESENTATIONS**

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## 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)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	
8-May-25	11:07	Cloudy	73.3	77.0	63.5	72.4	66
14-May-25	9:50	Sunny	74.3	78.2	62.0	72.4	70
20-May-25	14:00	Sunny	68.6	72.1	58.6	72.4	68.6 Measured $\leq$ Baseline
26-May-25	11:52	Fine	75.9	80.0	61.2	72.4	73

### Location CKL2 - Flat 103 Cha Kwo Ling Village

Date	Time	Weather	Unit: dB (A) (30-min)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	
8-May-25	11:38	Cloudy	75.6	79.6	61.2	71.4	74
14-May-25	10:20	Sunny	71.5	75.0	61.4	71.4	55
20-May-25	13:00	Sunny	72.6	76.1	61.7	71.4	66
26-May-25	11:24	Fine	75.7	79.7	60.0	71.4	74

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

Date	Time	Weather	Unit: dB (A) (30-min)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	
8-May-25	14:14	Sunny	71.0	72.2	69.4	78.0	71 Measured $\leq$ Baseline
14-May-25	13:00	Sunny	70.7	72.6	68.4	78.0	70.7 Measured $\leq$ Baseline
20-May-25	9:00	Sunny	71.9	74.2	69.2	78.0	71.9 Measured $\leq$ Baseline
26-May-25	14:34	Fine	69.9	71.2	68.3	78.0	69.9 Measured $\leq$ Baseline

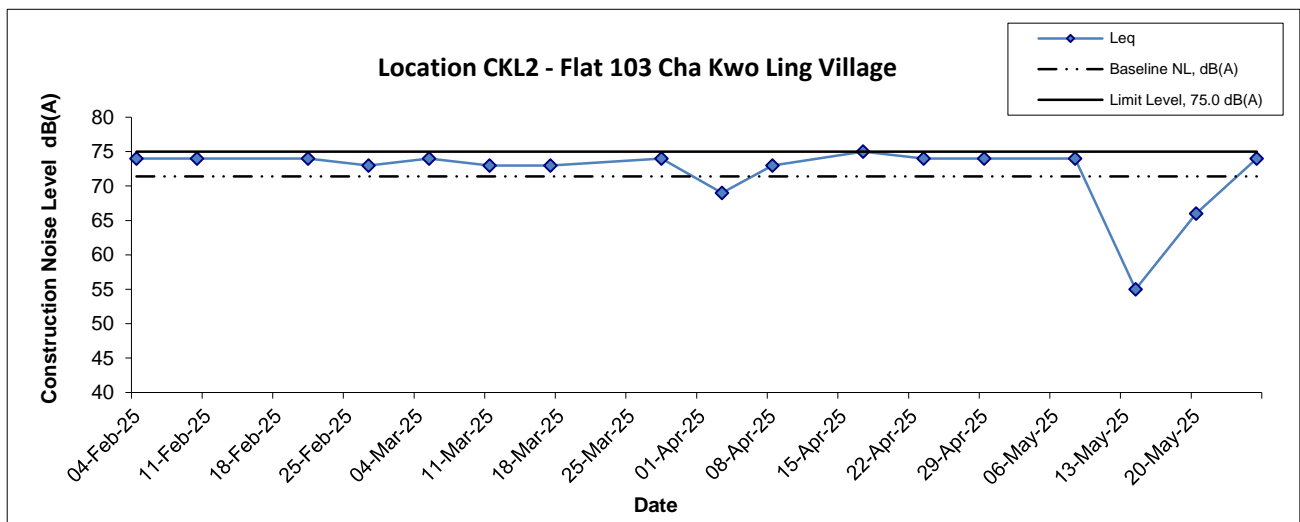
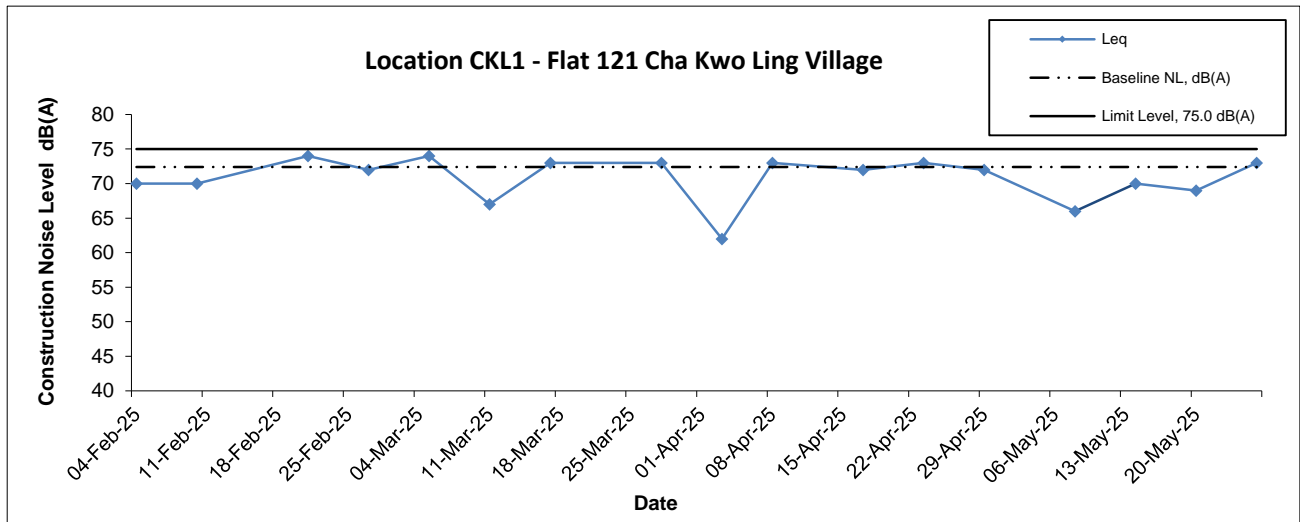
### Location KER1 - Future Residential Development at Kerry Godown


Date	Time	Weather	Unit: dB (A) (30-min)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	
8-May-25	13:30	Cloudy	71.6	74.6	66.0	65.0	71
14-May-25	12:15	Fine	68.8	69.2	67.9	65.0	66
20-May-25	10:00	Sunny	74.4	75.4	72.7	65.0	74
26-May-25	13:51	Fine	69.0	70.9	65.5	65.0	67

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

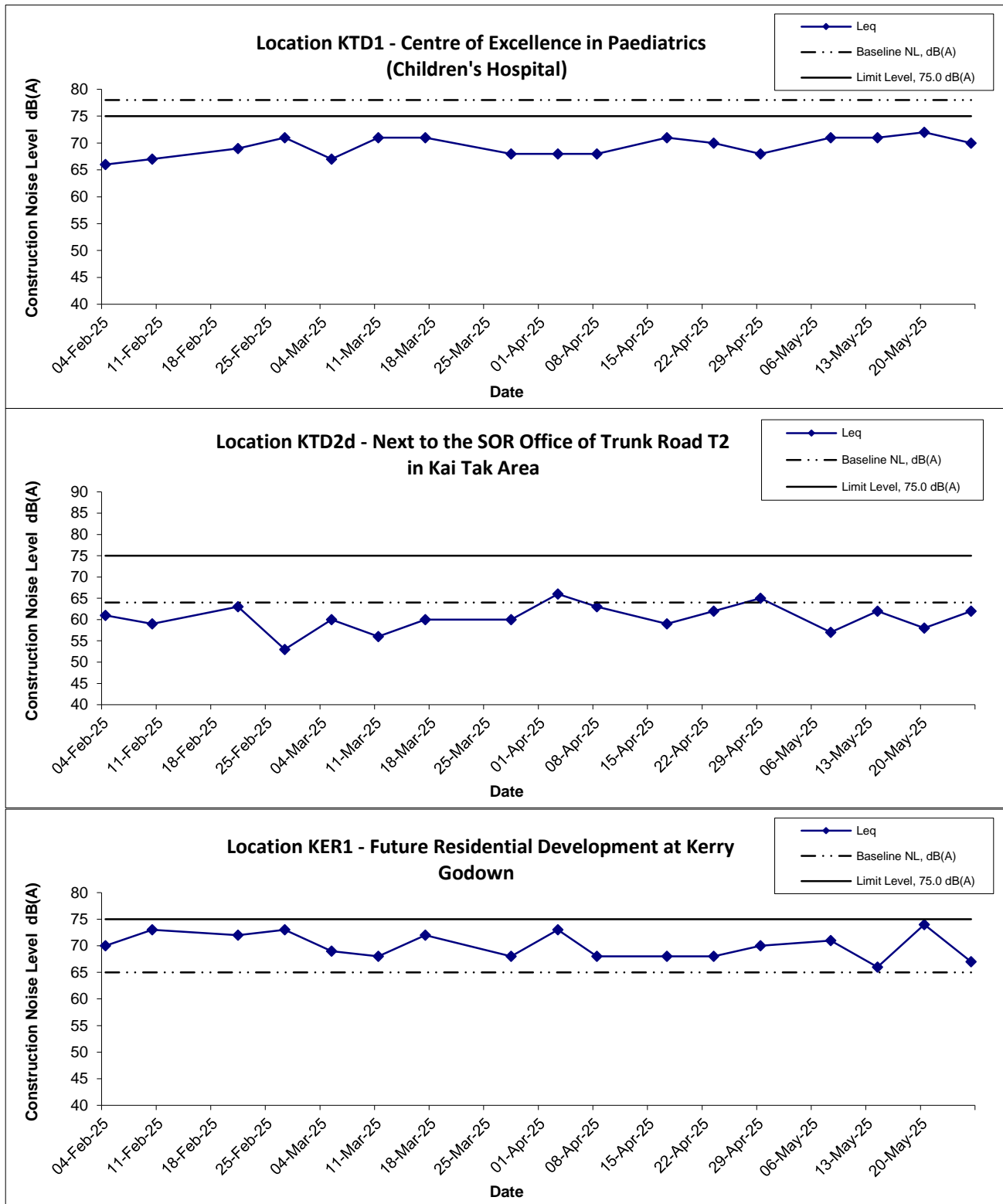
Date	Time	Weather	Unit: dB (A) (30-min)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	
8-May-25	15:28	Cloudy	64.8	67.9	56.7	64.0	57
14-May-25	14:00	Fine	61.7	63.3	57.9	64.0	62 Measured $\leq$ Baseline
20-May-25	11:00	Sunny	58.2	60.5	54.1	64.0	58 Measured $\leq$ Baseline
26-May-25	15:35	Fine	62.3	64.4	58.4	64.0	62 Measured $\leq$ Baseline

## Noise Levels



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

## Noise Levels



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

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**APPENDIX I**  
**SITE AUDIT SUMMARY**

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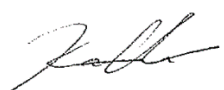
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**Weekly Site Inspection Record Summary****Inspection Information**

Checklist Reference Number	250508
Date	08 May 2025 (Thursday)
Time	09:30 – 16:30

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

Ref. No.	Remarks/Observations	Related Item No.
	<p><b>B. Water Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>C. Air Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>D. Construction Noise Impact</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>E. Waste/Chemical Management</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>F. Visual and Landscape</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>G. Permits/Licences</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>H. Marine Ecology</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>I. Others</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified in previous session (Ref No.: 250430).</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		08 May 2025
Checked by	Karina Chan		12 May 2025


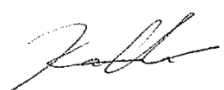
**Weekly Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	250515
Date	15 May 2025 (Thursday)
Time	09:30 – 16:30

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

Ref. No.	Remarks/Observations	Related Item No.
	<p><b>B. Water Quality</b></p> <ul style="list-style-type: none"><li>• No environmental deficiency was identified during site inspection.</li></ul> <p><b>C. Air Quality</b></p> <ul style="list-style-type: none"><li>• No environmental deficiency was identified during site inspection.</li></ul> <p><b>D. Construction Noise Impact</b></p> <ul style="list-style-type: none"><li>• No environmental deficiency was identified during site inspection.</li></ul> <p><b>E. Waste/Chemical Management</b></p> <ul style="list-style-type: none"><li>• No environmental deficiency was identified during site inspection.</li></ul> <p><b>F. Visual and Landscape</b></p> <ul style="list-style-type: none"><li>• No environmental deficiency was identified during site inspection.</li></ul> <p><b>G. Permits/Licences</b></p> <ul style="list-style-type: none"><li>• No environmental deficiency was identified during site inspection.</li></ul> <p><b>H. Marine Ecology</b></p> <ul style="list-style-type: none"><li>• No environmental deficiency was identified during site inspection.</li></ul> <p><b>I. Others</b></p> <ul style="list-style-type: none"><li>• No environmental deficiency was identified in previous session (Ref No.: 250508).</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		15 May 2025
Checked by	Karina Chan		19 May 2025


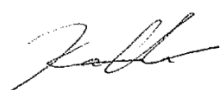


Weekly Site Inspection Record Summary  
Inspection Information

Checklist Reference Number	250522
Date	22 May 2025 (Thursday)
Time	09:30 – 16:30

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

Ref. No.	Remarks/Observations	Related Item No.
250522-EP451-R1	<p><b>B. Water Quality</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>C. Air Quality</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>D. Construction Noise Impact</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>E. Waste/Chemical Management</b></p> <ul style="list-style-type: none"> <li>Drip tray should be provided to oil drum or chemical.</li> </ul> <p><b>F. Visual and Landscape</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>G. Permits/Licences</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>H. Marine Ecology</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>I. Others</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified in previous session (Ref No.: 250515).</li> </ul>	E09


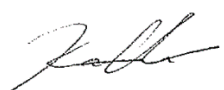
	Name	Signature	Date
Recorded by	William Yeung		22 May 2025
Checked by	Karina Chan		26 May 2025

Weekly Site Inspection Record Summary  
Inspection Information

Checklist Reference Number	250529
Date	29 May 2025 (Thursday)
Time	09:30 – 16:30

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

Ref. No.	Remarks/Observations	Related Item No.
	<p><b>B. Water Quality</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>C. Air Quality</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>D. Construction Noise Impact</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>E. Waste/Chemical Management</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>F. Visual and Landscape</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>G. Permits/Licences</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>H. Marine Ecology</b></p> <ul style="list-style-type: none"> <li>No environmental deficiency was identified during site inspection.</li> </ul> <p><b>I. Others</b></p> <ul style="list-style-type: none"> <li>Follow up on the previous session (Ref No.:250522), all the items have been rectified.</li> </ul>	

	Name	Signature	Date
Recorded by	William Yeung		29 May 2025
Checked by	Karina Chan		30 May 2025

**Contract No. ED/2020/03**

**Environmental Team for Trunk Road T2 – Traffic Control and Surveillance System (TCSS) and Associated Works**


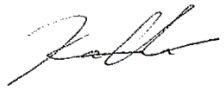
**Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	250508
Date	08 May 2025 (Thursday)
Time	09:30 – 12:30

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

Ref. No.	Remarks/Observations	Related Item No.
	<p><b>B. Water Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>C. Air Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>D. Construction Noise Impact</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>E. Waste/Chemical Management</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>F. Visual and Landscape</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>G. Permits/Licences</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>I. Others</b></p> <ul style="list-style-type: none"><li>Follow up on the previous session (Ref No.:250430), no major environmental deficiency was identified during site inspection.</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		08 May 2025
Checked by	Karina Chan		12 May 2025

**Contract No. ED/2020/03**

**Environmental Team for Trunk Road T2 – Traffic Control and Surveillance System (TCSS) and Associated Works**


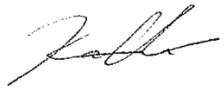
**Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	250516
Date	16 May 2025 (Friday)
Time	09:30 – 12:30

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

Ref. No.	Remarks/Observations	Related Item No.
	<p><b>B. Water Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>C. Air Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>D. Construction Noise Impact</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>E. Waste/Chemical Management</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>F. Visual and Landscape</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>G. Permits/Licences</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection</li></ul> <p><b>I. Others</b></p> <ul style="list-style-type: none"><li>Follow up on the previous session (Ref No.:250508), no major environmental deficiency was identified during site inspection.</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		16 May 2025
Checked by	Karina Chan		19 May 2025

**Contract No. ED/2020/03**

**Environmental Team for Trunk Road T2 – Traffic Control and Surveillance System (TCSS) and Associated Works**


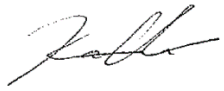
**Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	250522
Date	22 May 2025 (Thursday)
Time	09:30 – 12:30

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

Ref. No.	Remarks/Observations	Related Item No.
	<p><b>B. Water Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>C. Air Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>D. Construction Noise Impact</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>E. Waste/Chemical Management</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>F. Visual and Landscape</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>G. Permits/Licences</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection</li></ul> <p><b>I. Others</b></p> <ul style="list-style-type: none"><li>Follow up on the previous session (Ref No.:250516), no major environmental deficiency was identified during site inspection.</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		22 May 2025
Checked by	Karina Chan		26 May 2025

**Contract No. ED/2020/03**

**Environmental Team for Trunk Road T2 – Traffic Control and Surveillance System (TCSS) and Associated Works**


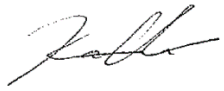
**Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	250529
Date	29 May 2025 (Thursday)
Time	09:30 – 12:30

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

Ref. No.	Remarks/Observations	Related Item No.
	<p><b>B. Water Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>C. Air Quality</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>D. Construction Noise Impact</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>E. Waste/Chemical Management</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>F. Visual and Landscape</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>G. Permits/Licences</b></p> <ul style="list-style-type: none"><li>No environmental deficiency was identified during site inspection.</li></ul> <p><b>I. Others</b></p> <ul style="list-style-type: none"><li>Follow up on the previous session (Ref No.:250522), no major environmental deficiency was identified during site inspection.</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		29 May 2025
Checked by	Karina Chan		30 May 2025

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**APPENDIX J**  
**EVENT AND ACTION PLANS**

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## Appendix J - Event Action Plans

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

Event	Action			
	ET	IEC	ER	Contractor
<b>Action Level</b>				
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.			
<b>Limit level</b>				
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	<ul style="list-style-type: none"> <li>3. Repeat measurement to confirm findings;</li> <li>4. Increase monitoring frequency to daily;</li> <li>5. Carry out analysis of Contractor's working procedures with the ER to determine possible mitigation to be implemented;</li> <li>6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken;</li> <li>7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results;</li> <li>8. If exceedance stops, cease additional monitoring.</li> </ul>	<ul style="list-style-type: none"> <li>2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER and ET accordingly;</li> <li>3. Supervise the implementation of remedial measures.</li> </ul>	<ul style="list-style-type: none"> <li>2. Notify Contractor;</li> <li>3. In consolidation with the IEC and ET, agree with the Contractor on the remedial measures to be implemented;</li> <li>4. Ensure remedial measures properly implemented;</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>actions to ER and copy to the IEC and ET within three working days of notification;</li> <li>3. Implement the agreed proposals;</li> <li>4. Resubmit proposals if problem still not under control;</li> <li>5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.</li> </ul>

## Appendix J - Event Action Plans

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

Event	Action			
	ET	IEC	ER	Contractor
Action Level	<ol style="list-style-type: none"> <li>1. Notify IEC, ER and Contractor;</li> <li>2. Carry out investigation;</li> <li>3. Report the results of investigation to the IEC and Contractor;</li> <li>4. Discuss jointly with the ER and formulate remedial measures;</li> <li>5. Increase monitoring frequency to check mitigation effectiveness.</li> </ol>	<ol style="list-style-type: none"> <li>1. Review the monitoring data submitted by the ET;</li> <li>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.</li> </ol>	<ol style="list-style-type: none"> <li>1. Notify Contractor;</li> <li>2. Require Contractor to propose remedial measures for implementation if required.</li> </ol>	<ol style="list-style-type: none"> <li>1. Submit noise mitigation proposals to the ER and copy to the IEC and ET;</li> <li>2. Implement noise mitigation proposals.</li> </ol>
Limit Level	<ol style="list-style-type: none"> <li>1. Notify IEC, ER and Contractor;</li> <li>2. Identify source;</li> <li>3. Repeat measurements to confirm findings;</li> <li>4. Carry out analysis of Contractor's working</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss amongst ER, ET, and Contractor on the potential remedial actions;</li> <li>2. Review the Contractor's remedial actions whenever necessary to assure their effectiveness and advise the</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm receipt of notification of failure in writing;</li> <li>2. Notify Contractor;</li> <li>3. Require Contractor to propose remedial measures for the analysed noise</li> </ol>	<ol style="list-style-type: none"> <li>1. Take immediate action to avoid further exceedance;</li> <li>2. Submit proposals for remedial actions to the ER and copy to the ET and IEC within 3 working days of notification;</li> </ol>

## Appendix J - Event Action Plans

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

## 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	<ol style="list-style-type: none"> <li>1. Identify Source;</li> <li>2. Inform the IEC and the ER;</li> <li>3. Discuss remedial actions with IEC, ER and Contractor</li> <li>4. Monitor remedial actions until rectification has been completed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check report;</li> <li>2. Check Contractor's working method;</li> <li>3. Discuss with ET and the Contractor on possible remedial measures;</li> <li>4. Advise ER on effectiveness of proposed remedial measures;</li> <li>5. Check implementation of remedial measures</li> </ol>	<ol style="list-style-type: none"> <li>1. Notify Contractor;</li> <li>2. Ensure remedial measures are properly implemented.</li> </ol>	<ol style="list-style-type: none"> <li>1. Amend working methods;</li> <li>2. Rectify damage and undertake any necessary replacement.</li> </ol>

## Appendix J - Event Action Plans

Event	Action			
	ET	IEC	ER	Contractor
Repeated Non-conformity	<ol style="list-style-type: none"> <li>1. Identify source;</li> <li>2. Inform the IEC and the ER;</li> <li>3. Increase monitoring frequency;</li> <li>4. Discuss remedial actions with the IEC, the ER and the Contractor;</li> <li>5. Monitor remedial actions until rectification has been completed;</li> <li>6. If exceedance stops, cease additional monitoring.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check monitoring report;</li> <li>2. Check Contractor's working method;</li> <li>3. Discuss with ET and the Contractor on possible remedial measures;</li> <li>4. Advise ER on effectiveness of proposed remedial measures;</li> <li>5. Check implementation of remedial measures</li> </ol>	<ol style="list-style-type: none"> <li>1. Notify Contractor;</li> <li>2. Ensure remedial measures are properly implemented.</li> </ol>	<ol style="list-style-type: none"> <li>1. Amend working methods;</li> <li>2. Rectify damage and undertake any necessary replacement.</li> </ol>

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**APPENDIX K  
ENVIRONMENTAL MITIGATION  
IMPLEMENTATION SCHEDULE (EMIS)**

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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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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:	To minimise air-borne noise impacts	All relevant works sites	Contractor and Sub-contractors	NCO / EIAO		Y		^
	Only well-maintained plant should be operated on-site and plants should be serviced regularly during the construction period;								^
	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 <sup>3</sup> /s, a sedimentation basin of 30m <sup>3</sup> would be required and for a flow rate of 0.5m <sup>3</sup> /s the basin would be 150m <sup>3</sup> . 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

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						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:	To control water quality impact from bentonite slurry	All relevant works sites	Contractor and Sub-contractors	WPCO		Y		^
	All bentonite slurry should be stored in a container that resistant to corrosion, maintained in good conditions and securely closed;								^
	The container should be labelled in English and Chinese and note that the container is for storage of bentonite slurry only;								N/A(1)
	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;								^
	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);								N/A(1)
	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.								

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						D	C	O	
S4.2.1.1	<p>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:</p> <p>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;</p>	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)



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						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:	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		^
	Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport;								N/A(1)
	Chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents; and								^
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

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						D	C	O	
Marine Ecology									
S5.3.1.1	Good construction practice measures have been recommended to be implemented as follows:	Minimize waste generation during construction	Contractor	Work Sites	Construction phase of Main Works Stage 1, Stage 2 and Stage 3		Y		N/A(1)
	Avoid damage and disturbance to the remaining and surrounding natural habitat;								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.								

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						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)

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						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

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						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)

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						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		^

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						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	<p>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:</p> <ul style="list-style-type: none"> <li>- Suitable for the substance to be held, resistant to corrosion, maintained in good conditions and securely closed;</li> <li>- Having a capacity of &lt;450L unless the specifications have been approved by the EPD; and</li> <li>- Displaying a label in English and Chinese according to the instructions prescribed in Schedule 2 of the Regulations.</li> <li>- Clearly labelled and used solely for the storage of chemical wastes;</li> <li>- Enclosed with at least 3 sides;</li> <li>- 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;</li> <li>- Adequate ventilation;</li> <li>- Sufficiently covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary); and</li> <li>- Incompatible materials are adequately separated.</li> </ul>	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	Not applicable at this stage;
N/A(1)	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.

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

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

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

**Reporting Month:** May 2025

**Table L1      Summary of Environmental Complaint, Warning, Summon and Notification of Successful Prosecution Received in the Reporting Period**

<b>Log Ref.</b>	<b>Location</b>	<b>Received Date</b>	<b>Details of Complaint/warning/summon and prosecution</b>	<b>Investigation/Mitigation Action</b>	<b>Status</b>
L02	Portion Q1	9 May 2025	EPD received complaint referred by CE office against the light nuisance and dark smoke from the barges berthed near Laguna City, Lam Tin. Similar to previous inspections in 2024, our latest inspection on 08 May 2025 also noticed some barges anchored outside the seafront of T2 construction site.	<ul style="list-style-type: none"><li>• The night work operation is under valid permit, lighting at Portion Q1 area including all PME was turned off before 11pm.</li><li>• Micro-Ringelmann Chart produced by the Marine Department was used to check the emission from the barge and no dark smoke is emitted when the barge is operating.</li><li>• There was no direct evidence that any dark smoke was emitted while the barge is operating.</li><li>• In addition, the Contractor should still maintain good site practices, such as turn off unnecessary lighting and adjust the angle of lighting to reduce light nuisance to public.</li><li>• The Contractor is recommended to conduct regular maintenance for all Powered Mechanical Equipment to prevent dark smoke emission.</li></ul>	Closed

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

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

One (1) environmental complaint was received in the reporting period.

No environmental warning/summon and prosecution were received in the reporting period.

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

**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**

<b>Log Ref.</b>	<b>Location</b>	<b>Received Date</b>	<b>Details of Complaint/warning/summon and prosecution</b>	<b>Investigation/Mitigation Action</b>	<b>Nature</b>	<b>Status</b>
#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.	<ul style="list-style-type: none"> <li>- Training regarding the loading and unloading height control was provided to the labourers to ensure dusty materials are transported under a minimum practical height.</li> <li>- Water sprays system was installed around the location of complaint to prevent dust generated from wind erosion on the stockpile.</li> <li>- Contractor was reminded to further enhance the dust mitigation measures to minimize the dust nuisance.</li> </ul>	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 building was received by CEDD	<ul style="list-style-type: none"> <li>- Noise barrier was erected between noise source and the PWCL building.</li> <li>- Construction programme was reviewed as to minimize operation of PME nearby the PWCL building</li> <li>- Contractor was recommended to implement the noise mitigation measures and other good site practices to minimize the noise nuisance.</li> </ul>	Noise	Closed

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

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

<b>Log Ref.</b>	<b>Location</b>	<b>Received Date</b>	<b>Details of Complaint/warning/summon and prosecution</b>	<b>Investigation/Mitigation Action</b>	<b>Nature</b>	<b>Status</b>
#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.	<ul style="list-style-type: none"> <li>- 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 PME's near the PWCL) to minimize the noise impact generated from breaking activities.</li> </ul>	Noise	Closed
#N10	Launching Shaft and Barging Point	28 February 2023	A Complaint of Noise Nuisance caused by the nighttime construction activities was received.	<ul style="list-style-type: none"> <li>– The cause of the noise nuisance may cause by the operation of Derrick Barge and the Conveyors.</li> <li>– No limit level exceedance was recorded for additional noise monitoring and the weekly construction noise monitoring.</li> <li>– In addition, the Contractor shall review the construction schedule, priorities the work sequence and maintain good site</li> </ul>	Noise	Closed



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

**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
				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.	<ul style="list-style-type: none"> <li>– The cause of the noise nuisance may cause by the operation of Derrick Barge and the Conveyors.</li> <li>– No limit level exceedance was recorded for additional noise monitoring and the weekly construction noise monitoring.</li> <li>– 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.</li> </ul>	Noise	Closed
#W01	Launching Shaft and	13 March 2023	A complaint regarding to the silt/dirt being swept	<ul style="list-style-type: none"> <li>– There is no direct evidence that the Silt/ Dirt being swept into the sea from the barge of T2.</li> </ul>		Closed

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

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

<b>Log Ref.</b>	<b>Location</b>	<b>Received Date</b>	<b>Details of Complaint/warning/summon and prosecution</b>	<b>Investigation/Mitigation Action</b>	<b>Nature</b>	<b>Status</b>
	Barging Point		into the sea from the operation of barge under Trunk Road T2.	<ul style="list-style-type: none"> <li>– The following recommendations are made to further enhance the mitigation measures:</li> <li>– Provide regular training to site personnel on proper waste management and appropriate handling procedures.</li> <li>– Provide sufficient waste disposal points and regular collection for disposal.</li> <li>– Closely monitor the barge operation.</li> <li>– 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.</li> </ul>	Water	
#N12	Launching Shaft Area, Barging Point, Cheung Yip Street	17 November 2023	A verbal complaint regarding the noise nuisance, generated from the construction works near Cheung Yip Street after 21:00.	<ul style="list-style-type: none"> <li>– The cleaning work using the water jetting unit may be the cause of noise nuisance.</li> <li>– No limit level exceedance was recorded for additional noise monitoring and the weekly construction noise monitoring.</li> <li>– In addition, the Contractor shall review the construction schedule, priorities the</li> </ul>	Noise	Closed

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

**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
				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.		
#W02	Launching Shaft Area	22 November 2023	A complaint regarding to the number of fish die-off at the Kwun Tong Typhoon Shelter.	<ul style="list-style-type: none"> <li>– There is no direct evidence that the dead fish floating near the Kwun Tong Pier were caused by the construction activities.</li> <li>– The following recommendations are made to contractor to further enhance the mitigation measures:</li> <li>– 1) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent.</li> <li>– 2) Conduct regular water quality monitoring</li> <li>– 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.</li> </ul>	Water	Closed

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

**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
#N13	Portion Q1	23 April 2024	A verbal complaint regarding the noise nuisance, generated from the construction works nearby the Wai Lok Street building at 10:20 pm, was received by EPD	<ul style="list-style-type: none"> <li>– The complaint is considered as project-related.</li> <li>– Despite the lifting operation being carried out at the site during the night, the contractor was in 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.</li> <li>– 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.</li> <li>– 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</li> </ul>	Noise	Closed

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

**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
				<p>maintenance for all Powered Mechanical Equipment to minimize the noise generated from engines.</p> <ul style="list-style-type: none"> <li>– Displayed the CNP at the gates of Portion Q.</li> </ul>		
#W03	Launching Shaft Area	23 July 2024	<p>A complaint regarding wastewater discharge at an outlet near Children's Hospital</p>	<ul style="list-style-type: none"> <li>– There is no direct evidence that the discharged yellowish wastewater was caused by the construction activities.</li> <li>– The following recommendations are made to contractor to further enhance the mitigation measures:</li> <li>– 1) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent.</li> <li>– 2) Conduct regular water quality monitoring.</li> <li>– 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.</li> </ul>	Water	Closed

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

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

<b>Log Ref.</b>	<b>Location</b>	<b>Received Date</b>	<b>Details of Complaint/warning/summon and prosecution</b>	<b>Investigation/Mitigation Action</b>	<b>Nature</b>	<b>Status</b>
#A02	Launching Shaft Area	5 September 2024	A complaint regarding dust nuisance, suspected to be caused by the construction works at the Launching Shaft area	<ul style="list-style-type: none"> <li>– The dust emission was related to the bentonite refilling activities.</li> <li>– The following recommendations are made to contractor to further enhance the mitigation measures:</li> <li>– 1) Conduct regular maintenance for several plants which used for refilling work.</li> <li>– 2) Reduce the maximum capacity of silo to 85% of total volume to prevent recurrence.</li> </ul>	Air	Closed
#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	<ul style="list-style-type: none"> <li>– There is no direct evidence that the muddy water at seafront of T2 site was caused by the construction activities.</li> <li>– The following recommendations are made to contractor to further enhance the mitigation measures:</li> <li>– 1) To avoid misleading, a water pump was directly connected from Cut &amp; Cover Shaft to the designated sump pit.</li> <li>– 2) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent.</li> </ul>	Water	Closed

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

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

<b>Log Ref.</b>	<b>Location</b>	<b>Received Date</b>	<b>Details of Complaint/warning/summon and prosecution</b>	<b>Investigation/Mitigation Action</b>	<b>Nature</b>	<b>Status</b>
				<ul style="list-style-type: none"> <li>– 3) Conduct regular water quality monitoring.</li> <li>– 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</li> </ul>		
#L02	Portion Q1	9 May 2025	A complaint regarding light nuisance and dark smoke from barges berthed near Laguna City	<ul style="list-style-type: none"> <li>– There was no direct evidence that any dark smoke was emitted while the barge is operating.</li> <li>– The following recommendations are made to contractor to further enhance the mitigation measures:</li> <li>– 1) Conduct regular monitoring for smoke emission.</li> <li>– 2) Turn off unnecessary lighting and adjust the angle of lighting to reduce light nuisance to public.</li> <li>– 3) Use Low Sulfur Diesel for the barge</li> <li>– 4) Conduct regular toolbox training</li> <li>– 5) Conduct regular maintenance for all Powered Mechanical Equipment to prevent dark smoke emission.</li> </ul>	Light & Air	Closed

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**APPENDIX M**  
**SUMMARY OF EXCEEDANCE**

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

**Appendix M – Summary of Exceedance**

**Reporting Month:** May 2025

**(A) Exceedance Report for Air Quality**

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

No Action Level and No Limit Level exceedance of 1-hr 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)

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**APPENDIX N**  
**TENTATIVE CONSTRUCTION**  
**PROGRAMME**

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Activity ID	Activity Name	Dur	Start	Finish	2025		
					May	Jun	Jul
HKT2 Pre-P75 Programme Updates DD 01Apr25 (Best Case)					936	26-Nov-23 A	18-Jun-26
Construction					936	26-Nov-23 A	18-Jun-26
Trunk Road T2					936	26-Nov-23 A	18-Jun-26
02 AtGrade Road -AGR					477	15-Jun-24 A	04-Oct-25
Kiosk					196	15-Nov-24 A	18-Jul-25
AGR1030	Kiosk - procurement, fabrication & delivery	180	15-Nov-24 A	27-Jun-25	Kiosk - procurement, fabrication & delivery		
AGR1060	Kiosk - On site installation	16	28-Jun-25	18-Jul-25	Kiosk - On site installation		
AGR - Road & Drainage works					477	15-Jun-24 A	04-Oct-25
AGR1120	AGR - EB Subbase	55	06-Mar-25 A	15-May-25	AGR - EB Subbase		
AGR1130	AGR - Haul Road Diversion	6	15-May-25	21-May-25	AGR - Haul Road Diversion		
AGR1140	AGR - WB Subbase (subject to CKR interface and TBM haul road arrangement)	71	06-Mar-25 A	04-Jun-25	AGR - WB Subbase (subject to CKR interface and TBM haul road arrangement)		
AGR1020	AGR - WB Drainage & Gully Installation	290	15-Jun-24 A	07-Jun-25	AGR - WB Drainage & Gully Installation		
AGR1150	AGR - Central Barrier (subject to CKR interface and TBM haul road arrangement)	12	04-Jun-25	16-Jun-25	AGR - Central Barrier (subject to CKR interface and TBM haul road arrangement)		
AGR1021	AGR - TCSS Provision CH5860-5962	155	09-Jan-25 A	21-Jul-25	AGR - TCSS Provision		
AGR1040	AGR - EB Drainage & Gully Installation	193	07-Dec-24 A	05-Aug-25			
AGR1050	AGR - WB Road Side Barrier	173	15-Feb-25 A	06-Aug-25			
AGR1080	AGR - EB Road Side Barrier	265	13-Jan-25 A	04-Oct-25			
AGR - Road Lighting					30	16-Jun-25	16-Jul-25
AGR1160	AGR & DPR - Road Lighting Installation	30	16-Jun-25	16-Jul-25	AGR & DPR - Road Lighting Installation		
03 Depressed Road - DPR					255	30-Nov-24 A	11-Aug-25
DPR - Structure Works					30	01-May-25	30-May-25
DPR - Remaining Structure					30	01-May-25	30-May-25
MJ					30	01-May-25	30-May-25
A229450060	Remaining Top slab structure at Portal (2 pours)	30	01-May-25	30-May-25	Remaining Top slab structure at Portal (2 pours)		
DPR - Road Works					220	04-Jan-25 A	11-Aug-25
Sign Gantry					120	01-Apr-25 A	29-Jul-25
DPR10030	DPR - Sign Gantry & Civil Provision	120	01-Apr-25 A	29-Jul-25	DPR - Sign Gantry & Civil Provision		
Street Furniture					148	04-Jan-25 A	31-May-25
DPR10020	DPR - EB Road Barrier	99	22-Feb-25 A	31-May-25	DPR - EB Road Barrier		
DPR10090	DPR - WB Road Barrier	148	04-Jan-25 A	31-May-25	DPR - WB Road Barrier		
Rising Main					84	02-May-25	11-Aug-25
A229449960	Rising Main Steel Tower	14	02-May-25	19-May-25	Rising Main Steel Tower		
A229449970	Rising Main Pillar Box	16	19-May-25	07-Jun-25	Rising Main Pillar Box		
A229426391	DPR - E&M - Sump pit pumps and watermain installation	54	07-Jun-25	11-Aug-25			
DPR - Final Works					224	30-Nov-24 A	12-Jul-25
GRC Panel					224	30-Nov-24 A	12-Jul-25
DPR10040	DPR - GRC Panel installation	224	30-Nov-24 A	12-Jul-25	DPR - GRC Panel installation		
05 Supporting Underground Structure - SUS					350	31-Jul-24 A	15-Jul-25
SUS - Tunnel Civil Works					350	31-Jul-24 A	15-Jul-25
Eastbound TCW					303	16-Sep-24 A	15-Jul-25
EB TCSS provision					251	16-Sep-24 A	24-May-25
SUS10070	SUS EB - TCSS provision	251	16-Sep-24 A	24-May-25	SUS EB - TCSS provision		
EB Road Barrier					155	11-Feb-25 A	15-Jul-25
SUS10060	SUS EB - Road Barrier	155	11-Feb-25 A	15-Jul-25*	SUS EB - Road Barrier		
Westbound TCW					350	31-Jul-24 A	15-Jul-25
WB TCSS provision					298	31-Jul-24 A	24-May-25
SUS10090	SUS WB - TCSS provision	298	31-Jul-24 A	24-May-25	SUS WB - TCSS provision		
WB Road Barrier					76	01-May-25	15-Jul-25
A229450170	Design issue	31	01-May-25	31-May-25	Design issue		
SUS10080	SUS WB - Road Barrier	45	01-Jun-25	15-Jul-25	SUS WB - Road Barrier		
06 Launching Shaft & C&C Tunnel - LSCC					277	19-Oct-24 A	22-Jul-25
LSCC - Structure works					165	12-Jan-25 A	25-Jun-25
Launching Shaft					165	12-Jan-25 A	25-Jun-25
Late Stitch/C&C					66	10-Mar-25 A	14-May-25

Activity ID	Activity Name	Dur	Start	Finish	2025		
					May	Jun	Jul
LSCC10361	7a. Late Stitch/C&C - Remaining Base Slab	28	10-Mar-25 A	07-Apr-25 A			
LSCC10401	9a. Late Stitch/C&C - Remaining Base Slab	30	15-Apr-25 A	14-May-25	<div></div> 9a. Late Stitch/C&C - Remaining Base Slab		
Headwall/TSS		106	12-Jan-25 A	28-Apr-25 A			
LSCC10370	Late Stitch/TSS - EB	106	12-Jan-25 A	28-Apr-25 A	<div></div> Late Stitch/TSS - EB		
LS - Miscellaneous Structural Openings		56	01-May-25	25-Jun-25			
01 Massfill at cable trench (subject to temporary cable relocation)		14	12-Jun-25	25-Jun-25			
A229448630	Clearance and Massfill the trench	14	12-Jun-25	25-Jun-25		<div></div> Clearance and Massfill the trench	
02 Road slab opening & Drainage works (subject to temporary cable relocation)		42	01-May-25	11-Jun-25			
A229448640	RC Slab, Manhole, drainage pipe construction and massfill	42	01-May-25	11-Jun-25	<div></div> RC Slab, Manhole, drainage pipe construction and massfill		
04 In situ SG at LS/TSS connection (subject to temporary works to maintain tunnelling)		31	01-May-25	31-May-25			
A229448570	EB & WB in situ Service Gallery CPS - Part 1	7	01-May-25	07-May-25	<div></div> EB & WB in situ Service Gallery CPS - Part 1		
A229448580	EB & WB in situ Service Gallery CPS - Part 2	7	08-May-25	14-May-25	<div></div> EB & WB in situ Service Gallery CPS - Part 2		
A229448581	Road Diversion	3	15-May-25	17-May-25	<div></div> Road Diversion		
A229448590	EB & WB in situ Service Gallery NCPS - Part 1	7	18-May-25	24-May-25	<div></div> EB & WB in situ Service Gallery NCPS - Part 1		
A229448600	EB & WB in situ Service Gallery NCPS - Part 2	7	25-May-25	31-May-25	<div></div> EB & WB in situ Service Gallery NCPS - Part 2		
05 RC works at MMEP Opening for Service Galleries Works (subject to BYME & LSCC)		49	01-May-25	18-Jun-25			
A229448660	Stage 2 - Closing out the opening (after SG installation completion)	14	01-May-25*	14-May-25	<div></div> Stage 2 - Closing out the opening (after SG installation completion TBC)		
A229448650	Stage 1 - Narrow the opening to 3.5m*2m RC works	28	01-May-25*	28-May-25	<div></div> Stage 1 - Narrow the opening to 3.5m*2m RC works		
A229449020	Stage 1a - Emergency staircase corridor RC works	21	29-May-25	18-Jun-25	<div></div> Stage 1a - Emergency staircase corridor RC works		
LSCC - Backfilling & Dwall Dismantling		83	01-May-25	22-Jul-25			
A229447780	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC	45	01-May-25	14-Jun-25	<div></div> D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC		
A229447781	D-wall dismantling (from +1.0mPD to +4.0mPD) ~3050 m3 TBC	38	15-Jun-25	22-Jul-25		<div></div> D-wall dismantling	
LSCC - Tunnel Civil Works		242	19-Oct-24 A	17-Jun-25			
Eastbound TCW		239	19-Oct-24 A	14-Jun-25			
LSCC10050	LSCC EB - Road Barrier*	15	01-May-25*	15-May-25	<div></div> LSCC EB - Road Barrier*		
LSCC10070	LSCC EB - Fireboard	221	19-Oct-24 A	27-May-25	<div></div> LSCC EB - Fireboard		
LSCC10090	LSCC EB - E&M brackets	12	28-May-25	08-Jun-25	<div></div> LSCC EB - E&M brackets		
LSCC10110	LSCC EB - TCSS provision	6	09-Jun-25	14-Jun-25	<div></div> LSCC EB - TCSS provision		
Westbound TCW		242	19-Oct-24 A	17-Jun-25			
LSCC10040	LSCC WB - Road Barrier*	14	01-May-25*	14-May-25	<div></div> LSCC WB - Road Barrier*		
LSCC10060	LSCC WB - Fireboard	222	19-Oct-24 A	28-May-25	<div></div> LSCC WB - Fireboard		
LSCC10080	LSCC WB - E&M brackets	14	29-May-25	11-Jun-25	<div></div> LSCC WB - E&M brackets		
LSCC10100	LSCC WB - TCSS provision	6	12-Jun-25	17-Jun-25	<div></div> LSCC WB - TCSS provision		
07 Tunnel Sub-sea (TSS)		816	26-Nov-23 A	18-Feb-26			
Tunnel Advance Excavation - D&Br from CKL		318	15-Aug-24 A	28-Jun-25			
Eastbound Pilot Tunnel		318	15-Aug-24 A	28-Jun-25			
CKL1130	EB CKL - Pilot tunnel enlargement (Benching)	318	15-Aug-24 A	28-Jun-25	<div></div> EB CKL - Pilot tunnel enlargement (Benching)		
CKL1140	EB CKL - Pilot tunnel enlargement (Heading)	318	15-Aug-24 A	28-Jun-25	<div></div> EB CKL - Pilot tunnel enlargement (Heading)		
Westbound Pre-Tunnel		32	01-May-25	01-Jun-25			
CKL1100	WB CKL - TBM BT Civil Provision	32	01-May-25	01-Jun-25	<div></div> WB CKL - TBM BT Civil Provision		
Tunnel Excavation - TBM from Kai Tak		575	11-Feb-24 A	07-Sep-25			
Eastbound (EB) - TBM S1282		520	11-Feb-24 A	14-Jul-25			
TBM Tunneling		520	11-Feb-24 A	14-Jul-25			
CP21-26		446	11-Feb-24 A	01-May-25			
EBTBM1250	EB TBM stop	446	11-Feb-24 A	01-May-25	<div></div> EB TBM stop		
CP26-30		74	02-May-25	14-Jul-25			
EBTBM1260	EB TBM Tunnelling - Seawall Section up to Full Face Rock CH863	38	02-May-25	08-Jun-25	<div></div> EB TBM Tunnelling - Seawall Section up to Full Face Rock CH8632-8675 (43m; 3.6R/wk)		
EBTBM1261	TRA: Stoppage 1 before Full Face Rock	18	09-Jun-25	26-Jun-25	<div></div> TRA: Stoppage 1 before Full Face Rock		
EBTBM1262	TRA: Stoppage 2 before Full Face Rock	18	27-Jun-25	14-Jul-25	<div></div> TRA: Stoppage 2 before Full Face Rock		
Westbound (WB) - TBM S1281		301	11-Nov-24 A	07-Sep-25			
TBM Tunneling		301	11-Nov-24 A	07-Sep-25			
CP26-31		301	11-Nov-24 A	07-Sep-25			
A229449562A	WB TBM Stoppage at CH8829 (Pilot tunnel section)	164	11-Nov-24 A	23-Apr-25 A	<div></div> age at CH8829 (Pilot tunnel section)		
A229449562A'	WB TBM Tunnelling CH8829-8835 (Pilot tunnel section)	2	23-Apr-25 A	25-Apr-25 A	<div></div> nelling CH8829-8835 (Pilot tunnel section)		
A229449562C	WB TBM Tunnelling CH8835-8847 (Pilot tunnel section) (18m; 3.6R/wk)	11	01-May-25	11-May-25	<div></div> WB TBM Tunnelling CH8835-8847 (Pilot tunnel section) (18m; 3.6R/wk)		

Activity ID		Activity Name	Dur	Start	Finish	2025		
						May	Jun	Jul
	A229449562C1	TRA: Stoppage 1 before Rock Cover > 2m	18	12-May-25	29-May-25	<div></div>	TRA: Stoppage 1 before Rock Cover > 2m	
	A229449563	WB TBM Tunnelling CH8847-8900 (Pilot tunnel section) (53m; 7R/	24	30-May-25	22-Jun-25		<div></div> WB TBM Tunnelling CH8847-8900 (Pilot tunnel section) (53m; 7R/wk, 15% TRA)	
	A229449564	WB TBM Tunnelling CH8900-9068 (Pilot tunnel section) (168m; 7F	77	23-Jun-25	07-Sep-25			<div></div>
Tunnel Civil Works before TBM breakthrough			816	26-Nov-23 A	18-Feb-26			
Eastbound (EB)			816	26-Nov-23 A	18-Feb-26			
Service Gallery			368	08-Mar-24 A	23-Jun-25			
CP21-26			368	08-Mar-24 A	23-Jun-25			
	A229446190	EB TSS - ISIG Stoppage at CH8446	355	08-Mar-24 A	09-Jun-25	<div></div>	EB TSS - ISIG Stoppage at CH8446	
	A229428552	EB TSS - Service Gallery up to CP 25	13	09-Jun-25	23-Jun-25		<div></div> EB TSS - Service Gallery up to CP 25	
Below Road Level Installation			28	01-May-25	28-May-25			
FSIRoom			21	01-May-25	21-May-25			
FSIRoom 3 @ CP14			21	01-May-25	21-May-25			
	A229450010	EB TSS - FSI Room 3 - civil works (completed)	21	01-May-25	21-May-25	<div></div>	EB TSS - FSI Room 3 - civil works (completed)	
FSIRoom 5 @ CP16			21	01-May-25	21-May-25			
	A229450000	EB TSS - FSI Room 5 - civil works (completed)	21	01-May-25	21-May-25	<div></div>	EB TSS - FSI Room 5 - civil works (completed)	
FSIRoom 7 @ CP21			21	01-May-25	21-May-25			
	A229449990	EB TSS - FSI Room 7 - civil works (completed)	21	01-May-25	21-May-25	<div></div>	EB TSS - FSI Room 7 - civil works (completed)	
Low Point @ CP12			28	01-May-25	28-May-25			
	TC11320	EB TSS - Low Point Sump Pit - RC works (completed)	28	01-May-25	28-May-25	<div></div>	EB TSS - Low Point Sump Pit - RC works (completed)	
	TC11330	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM c	28	01-May-25	28-May-25	<div></div>	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM dismantling)	
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	549	26-Nov-23 A	27-May-25	<div></div>	EB TSS - Corbel Stoppage at CP23	
	A229415952	EB TSS - Corbel Structure up to CP24	8	28-May-25	07-Jun-25		<div></div> EB TSS - Corbel Structure up to CP24	
OHVD			569	30-Jul-24 A	18-Feb-26			
	TC305	EB - ISSG Assembly (subject to ISSG availability)	14	01-May-25*	14-May-25	<div></div>	EB - ISSG Assembly (subject to ISSG availability)	
	TC320	EB TSS - OHVD up to CP24	4	15-May-25	18-May-25	<div></div>	EB TSS - OHVD up to CP24	
	TC330	EB TSS - OHVD up to CP25	4	19-May-25	22-May-25	<div></div>	EB TSS - OHVD up to CP25	
	TC340	EB TSS - OHVD up to CP26	4	23-May-25	26-May-25	<div></div>	EB TSS - OHVD up to CP26	
	TC221	LoE - EB Corbel Before	569	30-Jul-24 A	18-Feb-26	<div></div>		
Road Barrier			8	01-May-25	08-May-25			
NCPS			8	01-May-25	08-May-25			
	TC10150	EB TSS - Road Barrier NCPS from CP22 to CP23	8	01-May-25	08-May-25	<div></div>	EB TSS - Road Barrier NCPS from CP22 to CP23	
Westbound (WB)			528	13-May-24 A	23-Oct-25			
Service Gallery			61	01-May-25	30-Jun-25			
CP26-31			61	01-May-25	30-Jun-25			
	A229424680	WB TSS - Service Gallery up to CP 27	8	01-May-25	08-May-25	<div></div>	WB TSS - Service Gallery up to CP 27	
	A229446380	WB TSS - Service Gallery up to CP 28	8	23-Jun-25	30-Jun-25		<div></div>	WB TSS - Service Gallery up to CP 28
Below Road Level Installation			28	01-May-25	28-May-25			
Low Point @ CP12			28	01-May-25	28-May-25			
	TC11340	WB TSS - Low Point Sump Pit - RC works (completed)	28	01-May-25	28-May-25	<div></div>	WB TSS - Low Point Sump Pit - RC works (completed)	
Corbel			14	09-May-25	24-May-25			
CP21-26			14	09-May-25	24-May-25			
	A229415242	WB TSS - Corbel Structure & Curing up to CP27	14	09-May-25	24-May-25	<div></div>	WB TSS - Corbel Structure & Curing up to CP27	
OHVD			20	17-May-25	05-Jun-25			
CP26-30			20	17-May-25	05-Jun-25			
	TC3120	WB TSS - OHVD up to CP25	4	17-May-25	20-May-25	<div></div>	WB TSS - OHVD up to CP25	
	TC3130	WB TSS - OHVD up to CP26	4	25-May-25	28-May-25	<div></div>	WB TSS - OHVD up to CP26	
	TC3140	WB TSS - OHVD up to CP27	4	02-Jun-25	05-Jun-25	<div></div>	WB TSS - OHVD up to CP27	
Fire Board - Tunnel Crown			32	01-May-25	01-Jun-25			
	D12535	WB TSS - Fire board - Tunnel Crown up to CP25	8	01-May-25	08-May-25	<div></div>	WB TSS - Fire board - Tunnel Crown up to CP25	
	D12545	WB TSS - Fire board - Tunnel Crown up to CP26	8	09-May-25	16-May-25	<div></div>	WB TSS - Fire board - Tunnel Crown up to CP26	
	D12555	WB TSS - Fire board - Tunnel Crown up to CP27	8	17-May-25	24-May-25	<div></div>	WB TSS - Fire board - Tunnel Crown up to CP27	
	D12565	WB TSS - Fire board - Tunnel Crown up to CP28	8	25-May-25	01-Jun-25	<div></div>	WB TSS - Fire board - Tunnel Crown up to CP28	
Fire Board - Road level			314	01-Oct-24 A	10-Aug-25			
	A229446510	CP22 to CP24	314	01-Oct-24 A	10-Aug-25	<div></div>		



Activity ID		Activity Name	Dur	Start	Finish	2025		
						May	Jun	Jul
07 WB TSS	Road Barrier		528	13-May-24 A	23-Oct-25			
	A229447850	WB TSS - Road Barrier CPS up to CP26	6	02-May-25	10-May-25	<div></div> WB TSS - Road Barrier CPS up to CP26		
	A229447870	24 to 26	387	01-Oct-24 A	23-Oct-25			
	CPS		353	13-May-24 A	01-May-25			
	TC10800	WB TSS - Road Barrier CPS at CH8381	353	13-May-24 A	01-May-25	<div></div> WB TSS - Road Barrier CPS at CH8381		
	NCPS		346	20-May-24 A	01-May-25			
	TC11000	WB TSS - Road Barrier NCPS at CH8318	346	20-May-24 A	01-May-25	<div></div> WB TSS - Road Barrier NCPS at CH8318		
	E&M Brackets		108	01-May-25	16-Aug-25			
	TC11060	WB TSS - E&M Brackets up to CP23	6	01-May-25	06-May-25	<div></div> WB TSS - E&M Brackets up to CP23		
	TC11240	WB TSS - E&M Brackets up to CP23-CP24	108	01-May-25	16-Aug-25			
	Tunnel Civil Works after TBM breakthrough		27	19-May-25	14-Jun-25			
	Eastbound (EB)		27	19-May-25	14-Jun-25			
	Fire Board - Tunnel Crown with deletion up to Ch8850		27	19-May-25	14-Jun-25			
	CP21-26		27	19-May-25	14-Jun-25			
	TC560	EB TSS - Fire Board - Tunnel Crown up to CP24	9	19-May-25	27-May-25	<div></div> EB TSS - Fire Board - Tunnel Crown up to CP24		
	TC570	EB TSS - Fire Board - Tunnel Crown up to CP25	9	28-May-25	05-Jun-25	<div></div> EB TSS - Fire Board - Tunnel Crown up to CP25		
	TC580	EB TSS - Fire Board - Tunnel Crown up to CP26	9	06-Jun-25	14-Jun-25	<div></div> EB TSS - Fire Board - Tunnel Crown up to CP26		
	08 CKL Tunnel		246	25-Nov-24 A	28-Jul-25			
	Tunnel Structure before TBM breakthrough		194	25-Nov-24 A	06-Jun-25			
	Eastbound (EB)		194	25-Nov-24 A	06-Jun-25			
EB Type C		137	25-Nov-24 A	16-May-25				
OHVD		137	25-Nov-24 A	16-May-25				
A2050	EB Type C - OHVD Formwork Modification & Relocation	137	25-Nov-24 A	16-May-25	<div></div> EB Type C - OHVD Formwork Modification & Relocation			
EB Type AD&Br		21	17-May-25	06-Jun-25				
OHVD		21	17-May-25	06-Jun-25				
A1800	EB D&Br - A1 OHVD Bay 5	21	17-May-25	06-Jun-25	<div></div> EB D&Br - A1 OHVD Bay 5			
Tunnel Civil Works before TBM breakthrough		169	10-Feb-25 A	28-Jul-25				
Eastbound (EB)		89	01-May-25	28-Jul-25				
EB Type A		73	17-May-25	28-Jul-25				
A8980	CKL EB Type A - E&M Bracket	39	17-May-25	24-Jun-25	<div></div> CKL EB Type A - E&M Bracket			
A229444530	EB - Type A - Road Barrier	36	12-Jun-25	28-Jul-25		<div></div> EB		
EB Type C		82	01-May-25	21-Jul-25				
A229450140	CKL EB Type C - MIMEP module installation	6	01-May-25	06-May-25	<div></div> CKL EB Type C - MIMEP module installation			
A229444520	CKL EB Type C2/C3 - Road Barrier	27	17-May-25	12-Jun-25	<div></div> CKL EB Type C2/C3 - Road Barrier			
A229450120	CKL EB Type C2/C3 - Black paint	7	12-Jun-25	19-Jun-25		<div></div> CKL EB Type C2/C3 - Black paint		
A229450110	CKL EB Type C2/C3 - E&M Bracket	27	25-Jun-25	21-Jul-25		<div></div> CKL EB Type C2/C3		
EB Type AD&Br		36	02-May-25	16-Jun-25				
A229444700	EB Type A Dr&BI - MIMEP module installation	36	02-May-25	16-Jun-25	<div></div> EB Type A Dr&BI - MIMEP module installation			
EB EVB Portal		7	01-May-25	07-May-25				
A229450160	CKL EB EVB Portal - Black paint	7	01-May-25	07-May-25	<div></div> CKL EB EVB Portal - Black paint			
Westbound (WB)		14	01-May-25	14-May-25				
WB Type A		14	01-May-25	14-May-25				
E&M Brackets		14	01-May-25	14-May-25				
A229450100	CKL WB - E&M Bracket up to CP32	14	01-May-25	14-May-25	<div></div> CKL WB - E&M Bracket up to CP32			
Branch Tunnel (S01)		163	10-Feb-25 A	23-Jul-25				
E&M Brackets		163	10-Feb-25 A	23-Jul-25				
A229450130	CKL S01 - E&M Bracket	163	10-Feb-25 A	23-Jul-25	<div></div> CKL S01 - E&M			
09 Cross Passages		81	01-May-25	20-Jul-25				
Cross Passages @ TSS (CP7 to CP29)		27	23-Jun-25	20-Jul-25				
CP25 to CP29		27	23-Jun-25	20-Jul-25				
CP25		27	23-Jun-25	20-Jul-25				
TD0100	CP25 - EB - Tympanum Civil works CH8489	27	23-Jun-25	20-Jul-25		<div></div> CP25 - EB - Tympanum		
Cross Passages @ CKL Tunnel (CP30 to CP33)		78	01-May-25	17-Jul-25				
CP32		78	01-May-25	17-Jul-25				
A229438446	CP32 - Backfill	26	01-May-25	26-May-25	<div></div> CP32 - Backfill			

Activity ID	Activity Name	Dur	Start	Finish	2025		
					May	Jun	Jul
A229438436	CP32 - Lining Structure	26	27-May-25	21-Jun-25	CP32 - Lining Structure		
A229422590	CP32 - Collar	26	22-Jun-25	17-Jul-25	CP32 - Collar		
CP33		66	01-May-25	05-Jul-25			
A1900	CP33 - Rock Plug Excavation Preparation Works	40	01-May-25	09-Jun-25	CP33 - Rock Plug Excavation Preparation Works		
A1710	CP33 - Rock Plug Excavation	26	10-Jun-25	05-Jul-25	CP33 - Rock Plug Excavation		
10 East Ventilation Building - EVB		480	15-Mar-24 A	08-Jul-25			
ABWF Works		160	10-Nov-24 A	19-Apr-25 A			
ABWF - Door & Louvre installation		160	10-Nov-24 A	19-Apr-25 A			
EVB1510	EVB - Door installation	88	14-Jan-25 A	12-Apr-25 A			
EVB1530	EVB - Louvre installation	160	10-Nov-24 A	19-Apr-25 A			
E&M Works (by BYME)		378	15-Mar-24 A	26-Jun-25			
EVB1210	EVB - E&M works (B/F)	335	15-Mar-24 A	06-May-25	EVB - E&M works (B/F)		
EVB1300	EVB - E&M works (LG3/F)	310	26-Apr-24 A	14-May-25	EVB - E&M works (LG3/F)		
EVB1360	EVB - E&M works (LG2/F)	294	21-May-24 A	17-May-25	EVB - E&M works (LG2/F)		
EVB1440	EVB - E&M works (LG1/F)	265	10-Jul-24 A	02-Jun-25	EVB - E&M works (LG1/F)		
EVB1500	EVB - E&M works (G/F)	262	07-Aug-24 A	26-Jun-25	EVB - E&M works (G/F)		
Statutory Procedures		196	24-Dec-24 A	08-Jul-25			
GBP & VAC submission		135	24-Dec-24 A	07-May-25			
EVB1580	VAC submission & 3 mth approval period by FSD	135	24-Dec-24 A	07-May-25	VAC submission & 3 mth approval period by FSD		
Lift Installation		37	06-Apr-25 A	12-May-25			
EVB1450	EMSD inspection & Issue Use Permit	37	06-Apr-25 A	12-May-25	EMSD inspection & Issue Use Permit		
FS Water Supply		189	31-Dec-24 A	08-Jul-25			
EVB1410	EVB - Final Watermain installation after given full access	135	31-Dec-24 A	15-May-25	EVB - Final Watermain installation after given full access		
EVB1460	EVB - WWO 046 Part IV application & inspection	29	15-May-25	13-Jun-25	EVB - WWO 046 Part IV application & inspection		
EVB1470	EVB - Water sampling test (by WSD)	12	13-Jun-25	25-Jun-25	EVB - Water sampling test (by WSD)		
EVB1490	EVB - Watermeter installation	11	27-Jun-25	08-Jul-25	EVB - Watermeter installation		
Final T&C and FSI Inspection		21	13-Jun-25	04-Jul-25			
EVB1550	EVB - FS 501 Submission (TBC)	0		13-Jun-25	◆ EVB - FS 501 Submission (TBC)		
EVB1560	FSI Inspection (TBC)	7	27-Jun-25*	04-Jul-25	FSI Inspection (TBC)		
11 Tunnel E&M Installation		413	12-Aug-24 A	28-Sep-25			
E&M - Cabling works		413	12-Aug-24 A	28-Sep-25			
AGR & DPR		120	01-Jun-25	28-Sep-25			
DPR10060	DPR - EB E&M Installation	120	01-Jun-25	28-Sep-25			
DPR10080	DPR - WB E&M Installation	120	01-Jun-25	28-Sep-25			
SUS to CKL		400	12-Aug-24 A	15-Sep-25			
Eastbound		358	20-Sep-24 A	12-Sep-25			
E&MC1050	EB TSS - CP7-11 - E&M installation	282	20-Sep-24 A	28-Jun-25	EB TSS - CP7-11 - E&M installation		
E&MC1080	EB TSS - CP11-16 E&M installation	90	01-May-25*	29-Jul-25	EB TSS - CP11-16 E&M installation		
E&MC1120	EB TSS - CP22-26 - E&M installation	90	01-May-25*	29-Jul-25	EB TSS - CP22-26 - E&M installation		
E&MC1020	EB LSCC - E&M Installation	60	15-Jun-25	13-Aug-25			
E&MC1010	EB SUS - E&M Installation	301	22-Oct-24 A	18-Aug-25			
E&MC1100	EB TSS - CP16-22 E&M installation	90	15-Jun-25	12-Sep-25			
Westbound		400	12-Aug-24 A	15-Sep-25			
E&MC1041	WB TSS - CP7-11 - E&M installation	314	12-Aug-24 A	21-Jun-25	WB TSS - CP7-11 - E&M installation		
E&MC1060	WB TSS - CP11-16 E&M installation	301	27-Sep-24 A	25-Jul-25	WB TSS - CP11-16 E&M installation		
E&MC1030	WB SUS - E&M Installation	309	25-Oct-24 A	29-Aug-25			
E&MC1110	WB TSS - CP24-26 E&M installation	90	01-Jun-25*	29-Aug-25			
E&MC1070	WB TSS - CP16-21 E&M installation	90	10-Jun-25	08-Sep-25			
E&MC1040	WB LSCC - E&M Installation	90	18-Jun-25	15-Sep-25			
12 Projectwide TCSS Installation		676	12-Aug-24 A	18-Jun-26			
Eastbound		637	20-Sep-24 A	18-Jun-26			
TE160	EB - TCSS Installation concurrent with E&M installation	637	20-Sep-24 A	18-Jun-26			
Westbound		637	12-Aug-24 A	10-May-26			
TE1170	WB - TCSS Installation concurrent with E&M installation	637	12-Aug-24 A	10-May-26			

Activity ID		Activity Name	Dur	Start	Finish	2025		
						May	Jun	Jul
		14 Projectwide Final Works	190	11-Jan-25 A	19-Jul-25			
		Tunnel Cladding (VE Panel)	190	11-Jan-25 A	19-Jul-25			
		Eastbound	52	29-May-25	19-Jul-25			
		Typical Subframe & Niche	52	29-May-25	19-Jul-25			
	VE10431	VE Panel - Niche - EB TSS CP7-12 CPS	7	29-May-25*	04-Jun-25	<div></div> VE Panel - Niche - EB TSS CP7-12 CPS		
	VE10441	VE Panel - Niche - EB TSS CP12-17 CPS	7	05-Jun-25*	11-Jun-25		<div></div> VE Panel - Niche - EB TSS CP12-17 CPS	
	VE10451	VE Panel - Niche - EB TSS CP17-22 CPS	7	12-Jun-25*	18-Jun-25		<div></div> VE Panel - Niche - EB TSS CP17-22 CPS	
	VE10260	VE Panel - Subframe - EB TSS CP7-12 CPS & NCPS	21	29-Jun-25*	19-Jul-25			<div></div> VE Panel - Subframe - EB TSS CP7-12 CPS & NCPS
		Westbound	183	11-Jan-25 A	12-Jul-25			
		Typical Subframe & Niche	183	11-Jan-25 A	12-Jul-25			
	VE10401	VE Panel - Niche - WB TSS CP7-12 CPS	7	01-May-25*	07-May-25	<div></div> VE Panel - Niche - WB TSS CP7-12 CPS		
	VE10070	VE Panel - Subframe - WB TSS CP12-17 CPS & NCPS	122	11-Jan-25 A	12-May-25	<div></div> VE Panel - Subframe - WB TSS CP12-17 CPS & NCPS		
	VE10381	VE Panel - Niche - WB CKL CP32	14	01-May-25	14-May-25	<div></div> VE Panel - Niche - WB CKL CP32		
	VE10391	VE Panel - Niche - WB TSS CP12-17 CPS	7	08-May-25*	14-May-25	<div></div> VE Panel - Niche - WB TSS CP12-17 CPS		
	VE10411	VE Panel - Niche - WB TSS CP17-22 CPS	7	15-May-25	21-May-25	<div></div> VE Panel - Niche - WB TSS CP17-22 CPS		
	VE10421	VE Panel - Niche - WB SUS CPS	7	22-May-25	28-May-25	<div></div> VE Panel - Niche - WB SUS CPS		
	VE10341	VE Panel - Subframe - WB CP32 to EVB Portal	12	01-Jun-25*	12-Jun-25		<div></div> VE Panel - Subframe - WB CP32 to EVB Portal	
	VE10060	VE Panel - Subframe - WB TSS CP7-12 CPS & NCPS	21	21-Jun-25*	12-Jul-25		<div></div> VE Panel - Subframe - WB TSS CP7-12 CPS & NCPS	
		Infrastructure Works	178	07-Jan-25 A	03-Jul-25			
		05 Common Utility Enclosure (CUE) (KD-39)	0	02-May-25	02-May-25			
		VO - Plantroom for CUE Sprinkler System	0	02-May-25	02-May-25			
		Overall T&C and FSI	0	02-May-25	02-May-25			
	CUE10560	KD-39 - Completion of Section 13 - Ready for commissioning of CUE	0		02-May-25	◆ KD-39 - Completion of Section 13 - Ready for commissioning of CUE		
		06 Road S20	62	31-Mar-25 A	26-Jun-25			
		Addition of Planter (Non Critical)	40	31-Mar-25 A	28-May-25			
	A1140	S20 - Construction of Remaining Planter	40	31-Mar-25 A	28-May-25	<div></div> S20 - Construction of Remaining Planter		
		Run-in Remaining Works	42	02-May-25	26-Jun-25			
	A1000	S20 - Temporary Run-in Closure (subject to L10S Haul Road Diversion)	0		02-May-25*	◆ S20 - Temporary Run-in Closure (subject to L10S Haul Road Diversion)		
	A1100	S20 - Run-in Remaining Works	30	19-May-25	26-Jun-25	<div></div> S20 - Run-in Remaining Works		
		VO - Modification of Irrigation System at Charging Station Run-in	12	02-May-25	17-May-25			
	A1070	S20 - Shrubs Reinstatement (Non Critical)	12	02-May-25	17-May-25	<div></div> S20 - Shrubs Reinstatement (Non Critical)		
		07 Road L10(N)	125	01-Mar-25 A	03-Jul-25			
		L10(N) Landscape (KD-26)	26	03-Jun-25	03-Jul-25			
	LN10110	L10(N) - Landscape softwork (TBC)	26	03-Jun-25	03-Jul-25		<div></div> L10(N) - Landscape softwork (TBC)	
		L10(N) Remaining works	61	01-May-25	30-Jun-25			
	LN10100	Road L10N - Drainage T&C	21	01-May-25	21-May-25	<div></div> Road L10N - Drainage T&C		
	LN10150	Road L10N - Final Paving works & Road Marking	20	11-Jun-25	30-Jun-25		<div></div> Road L10N - Final Paving works & Road Marking	
		L10 (N) Remaining Road Works (Subject to Manpower)	76	01-Mar-25 A	10-Jun-25			
	A229450260	L10 (N) - Landscape Softwork	10	29-Mar-25 A	12-Apr-25 A			
	A229450270	L10 (N) - Remaining Road Signage	67	01-Mar-25 A	29-May-25	<div></div> L10 (N) - Remaining Road Signage		
	A229450280	L10 (N) - Remaining Road Lighting	30	02-May-25	10-Jun-25	<div></div> L10 (N) - Remaining Road Lighting		
		08 Road L10(S) & L18	147	07-Jan-25 A	02-Jun-25			
		L10(S) & L18 Landscape (KD-24)	25	02-May-25	02-Jun-25			
	A229445711	KD-24 - Completion of Section 9B - Remaining Stage 5 Infrastructure Landscape	0		02-Jun-25	◆ KD-24 - Completion of Section 9B - Remaining Stage 5 Infrastructure Landscape		
	A229445710	L10 (S) & L18 - Landscape softwork (TBC)	25	02-May-25*	02-Jun-25	<div></div> L10 (S) & L18 - Landscape softwork (TBC)		
		L10(S) & L18 Remaining works	30	01-May-25	30-May-25			
		Preparation for road opening	0	01-May-25	01-May-25			
	A229448750	L10 (S) & L18 ready for use	0		01-May-25	◆ L10 (S) & L18 ready for use		
		Roadside Area adjacent to L10(S)	30	01-May-25	30-May-25			
		Roadworks	30	01-May-25	30-May-25			
	A229448810	Roadside Area adjacent to L10S - Road works	30	01-May-25*	30-May-25	<div></div> Roadside Area adjacent to L10S - Road works		
		Miscellaneous Road Works	92	07-Jan-25 A	08-May-25			
	A229450250	L10 (S) Footpath - Diversion (Container Walkway -> Permanent Footpath)	0		02-May-25	◆ L10 (S) Footpath - Diversion (Container Walkway -> Permanent Footpath)		
	A1190	L10 (S) Carriageway - Construction of Remaining Islands	92	07-Jan-25 A	08-May-25	<div></div> L10 (S) Carriageway - Construction of Remaining Islands		



Activity ID	Activity Name	Dur	Start	Finish	2025		
					May	Jun	Jul
	<b>Preparation for Road Opening (L10S)</b>	24	29-Mar-25 A	03-May-25			
A1080	L10 (S) Carriageway - Container Walkway Removal	18	29-Mar-25 A	26-Apr-25 A	Carriageway - Container Walkway Removal		
A229450210	L10 (S) Carriageway - Final Paving Works & Road Marking	6	26-Apr-25 A	03-May-25	<div></div> L10 (S) Carriageway - Final Paving Works & Road Marking		
A229450220	L10 (S) - Site Access Change (Kai Tak Bridge Rd)	0		03-May-25	◆ L10 (S) - Site Access Change (Kai Tak Bridge Rd)		
	<b>09 Footbridge FB-02 (KD-17 achieved)</b>	51	08-Mar-25 A	17-May-25			
	<b>FB-02 Remaining works</b>	51	08-Mar-25 A	17-May-25			
	<b>KF64 reinstatement</b>	51	08-Mar-25 A	17-May-25			
FB211150	KF64 Reinstatement - Handrail	51	08-Mar-25 A	17-May-25	<div></div> KF64 Reinstatement - Handrail		



Activity ID	Activity Name	Dur	Start	Finish	2025		
					Jun	Jul	Aug
HKT2 Pre-P80 Programme DD 01May25		990	26-Nov-23 A	11-Aug-26			
Construction		990	26-Nov-23 A	11-Aug-26			
Trunk Road T2		990	26-Nov-23 A	11-Aug-26			
02 AtGrade Road -AGR		505	15-Jun-24 A	01-Nov-25			
Kiosk		90	30-Jun-25	27-Sep-25			
AGR1130	Kiosk - Design Finalized	0		30-Jun-25*		◆ Kiosk - Design Finalized	
AGR1030	Kiosk - procurement, fabrication & delivery	90	30-Jun-25*	27-Sep-25			
AGR - Road & Drainage works		505	15-Jun-24 A	01-Nov-25			
AGR1150	AGR - Central Barrier (subject to CKR interface and TBM haul road arrangement)	12	13-Jun-25	25-Jun-25			
AGR1021	AGR - TCSS Provision CH5860-5962	179	09-Jan-25 A	18-Aug-25			
Eastbound		330	07-Dec-24 A	01-Nov-25			
AGR1120	AGR - EB Subbase	79	06-Mar-25 A	13-Jun-25			
AGR1180	AGE - EB Ready for Road Diversion	0		30-Jun-25*		◆ AGE - EB Ready for Road Diversion	
AGR1040	AGR - EB Drainage & Gully Installation	217	07-Dec-24 A	02-Sep-25			
AGR1080	AGR - EB Road Side Barrier	293	13-Jan-25 A	01-Nov-25			
Westbound		448	15-Jun-24 A	05-Sep-25			
AGR1140	AGR - WB Subbase (subject to CKR interface and TBM haul road arrangement)	79	06-Mar-25 A	13-Jun-25			
AGR1020	AGR - WB Drainage & Gully Installation	314	15-Jun-24 A	07-Jul-25			
AGR1050	AGR - WB Road Side Barrier	203	15-Feb-25 A	05-Sep-25			
03 Depressed Road - DPR		287	16-Dec-24 A	28-Sep-25			
DPR - Road Works		268	04-Jan-25 A	28-Sep-25			
Temporary Ramp for CKR Opening		60	30-Jun-25	29-Aug-25			
AGR10050	AGR & DPR - Road Divered to from WB to EB	0		30-Jun-25		◆ AGR & DPR - Road Divered to from WB to EB	
A229450370	AGR & DPR - Traffic diversion	15	01-Jul-25	15-Jul-25			
A229450510	DPR - WB Ramp demolition	15	16-Jul-25	30-Jul-25			
A229450530	DPR - Remaining Road Works	30	31-Jul-25	29-Aug-25			
Sign Gantry		113	01-Apr-25 A	22-Jul-25			
DPR10030	DPR - Sign Gantry & Civil Provision	113	01-Apr-25 A	22-Jul-25			
Street Furniture		179	04-Jan-25 A	01-Jul-25			
DPR10020	DPR - EB Road Barrier	130	22-Feb-25 A	01-Jul-25			
DPR10090	DPR - WB Road Barrier	179	04-Jan-25 A	01-Jul-25			
Rising Main		120	01-Jun-25	28-Sep-25			
A229450070	DPR - Civil - temp drainage system modification	30	01-Jun-25	30-Jun-25			
A229450170	DPR - Civil - Perm civil provision	30	01-Jul-25	30-Jul-25			
A229426391	DPR - E&M - Sump pit pumps and watermain installation	60	31-Jul-25	28-Sep-25			
DPR - Final Works		229	16-Dec-24 A	02-Aug-25			
GRC Panel		181	16-Dec-24 A	14-Jun-25 A			
DPR10040	DPR - GRC Panel installation	181	16-Dec-24 A	14-Jun-25 A			
Aluminium side cladding @ Portal		21	12-Jul-25 A	02-Aug-25 A			
DPR10050	DPR - Remaining Aluminium side cladding @ Portal	21	12-Jul-25 A	02-Aug-25 A			
Landscape work (TBC)		36	02-Jun-25	14-Jul-25			
A12991	Landscape Soil Filling	24	02-Jun-25	28-Jun-25			
A12992	Planter works	12	30-Jun-25	14-Jul-25			
05 Supporting Underground Structure - SUS		437	31-Jul-24 A	10-Oct-25			
SUS - Tunnel Civil Works		437	31-Jul-24 A	10-Oct-25			
A229450420	SUS EB - Pavement & Parapet Design Approval	0		30-Jun-25*		◆ SUS EB - Pavement & Parapet Design Approval	
A229450480	SUS WB - Pavement & Parapet Design Approval	0		30-Jun-25*		◆ SUS WB - Pavement & Parapet Design Approval	
A229450430	Parapet Defect Rectification (1side)	14	16-Jul-25	29-Jul-25			
A229450440	Parapet Defect Rectification (1side)	14	30-Jul-25	12-Aug-25			
A229450450	Parapet Defect Rectification (1side)	14	13-Aug-25	26-Aug-25			
A229450460	Parapet Defect Rectification (1side)	14	27-Aug-25	09-Sep-25			
A229450470	SUS VE Panel Design Review (EB)	45	30-Jul-25	12-Sep-25			
A229450490	SUS VE Panel Design Review (WB)	45	27-Aug-25	10-Oct-25			
Eastbound TCW		317	16-Sep-24 A	29-Jul-25			

Activity ID		Activity Name		Dur	Start	Finish	2025		
							Jun	Jul	Aug
05	EB TCSS provision			282	16-Sep-24 A	24-Jun-25			
	SUS10070	SUS EB - TCSS provision	282	16-Sep-24 A	24-Jun-25	SUS EB - TCSS provision			
	EB Road Barrier			59	01-Jun-25	29-Jul-25			
	SUS10180	SUS EB - Road Barrier (NCPS) first 350m	38	01-Jun-25	08-Jul-25	SUS EB - Road Barrier (NCPS) first 350m			
	SUS10170	SUS EB - Road Barrier (NCPS) Last 50m	7	09-Jul-25	15-Jul-25	SUS EB - Road Barrier (NCPS) Last 50m			
	SUS10060	SUS EB - Road Barrier (CPS) Last 50m	14	16-Jul-25	29-Jul-25	SUS EB - Road Barrier (CPS) Last 50m			
	Westbound TCW			378	31-Jul-24 A	12-Aug-25			
	WB TCSS provision			329	31-Jul-24 A	24-Jun-25			
	SUS10090	SUS WB - TCSS provision	329	31-Jul-24 A	24-Jun-25	SUS WB - TCSS provision			
	WB Road Barrier			73	01-Jun-25	12-Aug-25			
	SUS10190	SUS EB - Road Barrier (NCPS) first 350m	31	01-Jun-25	01-Jul-25	SUS EB - Road Barrier (NCPS) first 350m			
	SUS10200	SUS EB - Road Barrier (NCPS) Last 50m	14	16-Jul-25	29-Jul-25	SUS EB - Road Barrier (NCPS) Last 50m			
	SUS10210	SUS EB - Road Barrier (CPS) Last 50m	14	30-Jul-25	12-Aug-25	SUS EB - Road Barrier (CPS) Last 50m			
	06 Launching Shaft & C&C Tunnel - LSCC			338	19-Oct-24 A	21-Sep-25			
	LSCC - Structure works			103	15-Apr-25 A	26-Jul-25			
	Launching Shaft			103	15-Apr-25 A	26-Jul-25			
	Late Stitch/C&C			61	15-Apr-25 A	14-Jun-25			
	LSCC10401	9a. Late Stitch/C&C - Remaining Base Slab	61	15-Apr-25 A	14-Jun-25	9a. Late Stitch/C&C - Remaining Base Slab			
	LS - Miscellaneous Structural Openings			56	01-Jun-25	26-Jul-25			
	01 Massfill at cable trench (subject to temporary cable relocation)			14	13-Jul-25	26-Jul-25			
	A229448630	Clearance and Massfill the trench	14	13-Jul-25	26-Jul-25	Clearance and Massfill the trench			
	02 Road slab opening & Drainage works (subject to temporary cable relocation)			42	01-Jun-25	12-Jul-25			
	A229448640	RC Slab, Manhole, drainage pipe construction and massfill	42	01-Jun-25	12-Jul-25	RC Slab, Manhole, drainage pipe construction and massfill			
	04 In situ SG at LS/TSS connection (subject to temporary works to maintain tunn			31	01-Jun-25	01-Jul-25			
	A229448570	EB & WB in situ Service Gallery CPS - Part 1	7	01-Jun-25	07-Jun-25	EB & WB in situ Service Gallery CPS - Part 1			
A229448580	EB & WB in situ Service Gallery CPS - Part 2	7	08-Jun-25	14-Jun-25	EB & WB in situ Service Gallery CPS - Part 2				
A229448581	Road Diversion	3	15-Jun-25	17-Jun-25	Road Diversion				
A229448590	EB & WB in situ Service Gallery NCPS - Part 1	7	18-Jun-25	24-Jun-25	EB & WB in situ Service Gallery NCPS - Part 1				
A229448600	EB & WB in situ Service Gallery NCPS - Part 2	7	25-Jun-25	01-Jul-25	EB & WB in situ Service Gallery NCPS - Part 2				
05 RC works at MMEP Opening for Service Galleries Works (subject to BYME 8			49	01-Jun-25	19-Jul-25				
A229448660	Stage 2 - Closing out the opening (after SG installation completion	14	01-Jun-25*	14-Jun-25	Stage 2 - Closing out the opening (after SG installation completion TBC)				
A229448650	Stage 1 - Narrow the opening to 3.5m*2m RC works	28	01-Jun-25*	28-Jun-25	Stage 1 - Narrow the opening to 3.5m*2m RC works				
A229449020	Stage 1a - Emergency staircase corridor RC works	21	29-Jun-25	19-Jul-25	Stage 1a - Emergency staircase corridor RC works				
LSCC - Backfilling & Dwall Dismantling			113	01-Jun-25	21-Sep-25				
A229447780	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC	45	01-Jun-25	15-Jul-25	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC				
A229447781	D-wall dismantling (from +1.0mPD to +4.0mPD) ~3050 m3 TBC	38	16-Jul-25	22-Aug-25	D-wall dismantling				
A229447790	Stage 2b (i) Final Backfilling at LCS side with open cut and allow L	18	23-Aug-25	10-Sep-25					
A229447800	Stage 2b (ii) Final Backfilling (from +1.0mPD to +4.0mPD) (total qu	30	23-Aug-25	21-Sep-25					
LSCC - Tunnel Civil Works			314	19-Oct-24 A	28-Aug-25				
Eastbound TCW			314	19-Oct-24 A	28-Aug-25				
LSCC10070	LSCC EB - Fireboard	256	19-Oct-24 A	01-Jul-25	LSCC EB - Fireboard				
LSCC10090	LSCC EB - E&M brackets (CPS)	14	02-Jul-25	15-Jul-25	LSCC EB - E&M brackets (CPS)				
LSCC10110	LSCC EB - TCSS provision	6	16-Jul-25	21-Jul-25	LSCC EB - TCSS provision				
LSCC10421	LSCC EB - E&M brackets (NCPS)	14	16-Jul-25	29-Jul-25	LSCC EB - E&M brackets (NCPS)				
LSCC10050	LSCC EB - Road Barrier (NCPS)	15	30-Jul-25*	13-Aug-25	LSCC EB - Road Barrier (NCPS)				
LSCC10431	LSCC EB - Road Barrier (CPS)	15	14-Aug-25*	28-Aug-25	LSCC EB - Road Barrier (CPS)				
Westbound TCW			305	19-Oct-24 A	19-Aug-25				
LSCC10060	LSCC WB - Fireboard	249	19-Oct-24 A	24-Jun-25	LSCC WB - Fireboard				
LSCC10080	LSCC WB - E&M brackets (CPS)	14	25-Jun-25	08-Jul-25	LSCC WB - E&M brackets (CPS)				
LSCC10100	LSCC WB - TCSS provision	6	09-Jul-25	14-Jul-25	LSCC WB - TCSS provision				
LSCC10411	LSCC WB - E&M brackets (NCPS)	14	09-Jul-25	22-Jul-25	LSCC WB - E&M brackets (NCPS)				
LSCC10441	LSCC WB - Road Barrier (NCPS)	14	23-Jul-25	05-Aug-25	LSCC WB - Road Barrier (NCPS)				
LSCC10451	LSCC WB - Road Barrier (CPS)	14	06-Aug-25	19-Aug-25	LSCC WB - Road Barrier (CPS)				
07 Tunnel Sub-sea (TSS)			672	26-Nov-23 A	27-Sep-25				
Additional Excavation by D&Br from CKL			349	15-Aug-24 A	29-Jul-25				

Activity ID		Activity Name		Dur	Start	Finish	2025		
							Jun	Jul	Aug
Eastbound Pilot Tunnel				349	15-Aug-24 A	29-Jul-25			
CKL1130	EB CKL - Pilot tunnel enlargement (Benching)			349	15-Aug-24 A	29-Jul-25	EB CKL - Pilot tunnel enlargement (Benching)		
CKL1140	EB CKL - Pilot tunnel enlargement (Heading)			349	15-Aug-24 A	29-Jul-25	EB CKL - Pilot tunnel enlargement (Heading)		
Westbound Pre-Tunnel				32	01-Jun-25	02-Jul-25			
CKL1100	WB CKL - TBM BT Civil Provision			32	01-Jun-25	02-Jul-25	WB CKL - TBM BT Civil Provision		
TSS - TBM Excavation from Kai Tak				579	11-Feb-24 A	11-Sep-25			
Westbound - TBM S1281				103	01-Jun-25	11-Sep-25			
TBM1 Tunneling				103	01-Jun-25	11-Sep-25			
CP26-31				103	01-Jun-25	11-Sep-25			
A229450290	WB TBM Tunnelling CH8842-8856 (Pilot tunnel section)			6	01-Jun-25	06-Jun-25	WB TBM Tunnelling CH8842-8856 (Pilot tunnel section)		
A229449563	WB TBM Tunnelling CH8856-8900 (Pilot tunnel section) (44m; 7.0l			20	07-Jun-25	26-Jun-25	WB TBM Tunnelling CH8856-8900 (Pilot tunnel section) (44m; 7.0R; 15% TRA)		
A229450300	WB TBM Tunnelling CH8900-8975 (Pilot tunnel section) (75m; 7.0l			34	27-Jun-25	30-Jul-25	WB TBM Tunnelling CH8900-8975 (Pilot tunnel section) (75m; 7.0R/wk, 15%		
A229449564	WB TBM Tunnelling CH8975-9068 (Pilot tunnel section) (93m 7.0F			43	31-Jul-25	11-Sep-25			
Eastbound - TBM S1282				573	11-Feb-24 A	05-Sep-25			
TBM2 Tunneling				573	11-Feb-24 A	05-Sep-25			
CP21-26				521	11-Feb-24 A	15-Jul-25			
EBTBM1250	EB TBM stop			521	11-Feb-24 A	15-Jul-25	EB TBM stop		
CP26-30				52	16-Jul-25	05-Sep-25			
EBTBM1350	EB TBM Tunnelling - Seawall Section 5 Rings CH8632-8654 (11m			10	16-Jul-25	25-Jul-25	EB TBM Tunnelling - Seawall Section 5 Rings CH8632-8654 (11m; 3.6R/wk,as-built rate		
EBTBM1300	TRA: Stoppage 1 before Full Face Rock			18	26-Jul-25	12-Aug-25	TRA: Stoppage 1 before Full Face Rock		
EBTBM1360	EB TBM Tunnelling - Seawall Section 5 Rings CH8632-8654 (11m			10	13-Aug-25	22-Aug-25	EB TBM Tunnelling		
EBTBM1370	EB TBM Successful restart of 10 Rings			0		22-Aug-25	EB TBM Successful		
EBTBM1260	EB TBM Tunnelling - Seawall Section up to Full Face Rock CH865			14	23-Aug-25	05-Sep-25			
TBM2 Rescue				9	24-May-25 A	02-Jun-25 A			
Pipe Pile Wall				9	24-May-25 A	02-Jun-25 A			
A229450620	Installation of 22 nos Pipe Piles			9	24-May-25 A	02-Jun-25 A	Installation of 22 nos Pipe Piles		
TSS - Tunnel Civil Works				672	26-Nov-23 A	27-Sep-25			
Westbound (WB)				447	08-Jul-24 A	27-Sep-25			
WB TSS - Service Gallery				103	01-Jun-25	11-Sep-25			
CP26-31				103	01-Jun-25	11-Sep-25			
A229446380	WB TSS - Service Gallery up from CH8712 to 8786 (CP28)			8	31-Jul-25	07-Aug-25	WB TSS - Service Gallery up from CH8712 to 8786 (CP		
Same Rate as TBM Excavation (Last SG 170m behind TBM CH)				103	01-Jun-25	11-Sep-25			
A229450310	WB TBM Tunnelling CH8842-8856 (Pilot tunnel section)			6	01-Jun-25	06-Jun-25	WB TBM Tunnelling CH8842-8856 (Pilot tunnel section)		
A229450320	WB TBM Tunnelling CH8856-8900 (Pilot tunnel section) (44m; 7.0l			20	07-Jun-25	26-Jun-25	WB TBM Tunnelling CH8856-8900 (Pilot tunnel section) (44m; 7.0R/wk, 15% TRA)		
A229450330	WB TBM Tunnelling CH8900-8975 (Pilot tunnel section) (75m; 7.0l			34	27-Jun-25	30-Jul-25	WB TBM Tunnelling CH8900-8975 (Pilot tunnel section) (75m; 7.0R/wk, 15%		
A229450340	WB TBM Tunnelling CH8975-9068 (Pilot tunnel section) (93m 7.0F			43	31-Jul-25	11-Sep-25			
WB TSS - Below Road Level Installation				28	01-Jun-25	28-Jun-25			
Low Point @ CP12				28	01-Jun-25	28-Jun-25			
TC11340	WB TSS - Low Point Sump Pit - RC works (completed)			28	01-Jun-25	28-Jun-25	WB TSS - Low Point Sump Pit - RC works (completed)		
WB TSS - Corbel				37	07-Jun-25	13-Jul-25			
CP21-26				37	07-Jun-25	13-Jul-25			
A229415242	WB TSS - Corbel Structure & Curing up to CP27			20	07-Jun-25	26-Jun-25	WB TSS - Corbel Structure & Curing up to CP27		
A229450520	WB TSS - Corbel Structure & Curing up to CH8780 before CP28			17	27-Jun-25	13-Jul-25	WB TSS - Corbel Structure & Curing up to CH8780 before CP28		
WB TSS - OHVD				7	17-Jul-25	24-Jul-25			
TC11470	WB TSS - OHVD from CH8530 to CP26			4	17-Jul-25	21-Jul-25	WB TSS - OHVD from CH8530 to CP26		
TC11400	WB TSS - OHVD up to CP"26.5" blocked by CP27 WB Tym			3	21-Jul-25	24-Jul-25	WB TSS - OHVD up to CP"26.5" blocked by CP27 WB Tym		
WB TSS - Fire Board - Tunnel Crown with deletion up Ch8924				4	13-Jul-25	17-Jul-25			
D12555	WB TSS - Fire board - Tunnel Crown up to CP27			4	13-Jul-25	17-Jul-25	WB TSS - Fire board - Tunnel Crown up to CP27		
WB TSS - Road Barrier				447	08-Jul-24 A	27-Sep-25			
CPS				6	02-Jun-25	10-Jun-25			
A229447850	WB TSS - Road Barrier CPS up to CP26			6	02-Jun-25	10-Jun-25	WB TSS - Road Barrier CPS up to CP26		
NCPS				447	08-Jul-24 A	27-Sep-25 A			
TC11210	WB TSS - Road Barrier NCPS from CH8318 to CH8322			447	08-Jul-24 A	27-Sep-25 A			
WB TSS - E&M Brackets				6	01-Jun-25	06-Jun-25			
CPS				6	01-Jun-25	06-Jun-25			
TC11020	WB TSS - E&M Brackets CPS from CH8450 to CP25			6	01-Jun-25	06-Jun-25	WB TSS - E&M Brackets CPS from CH8450 to CP25		

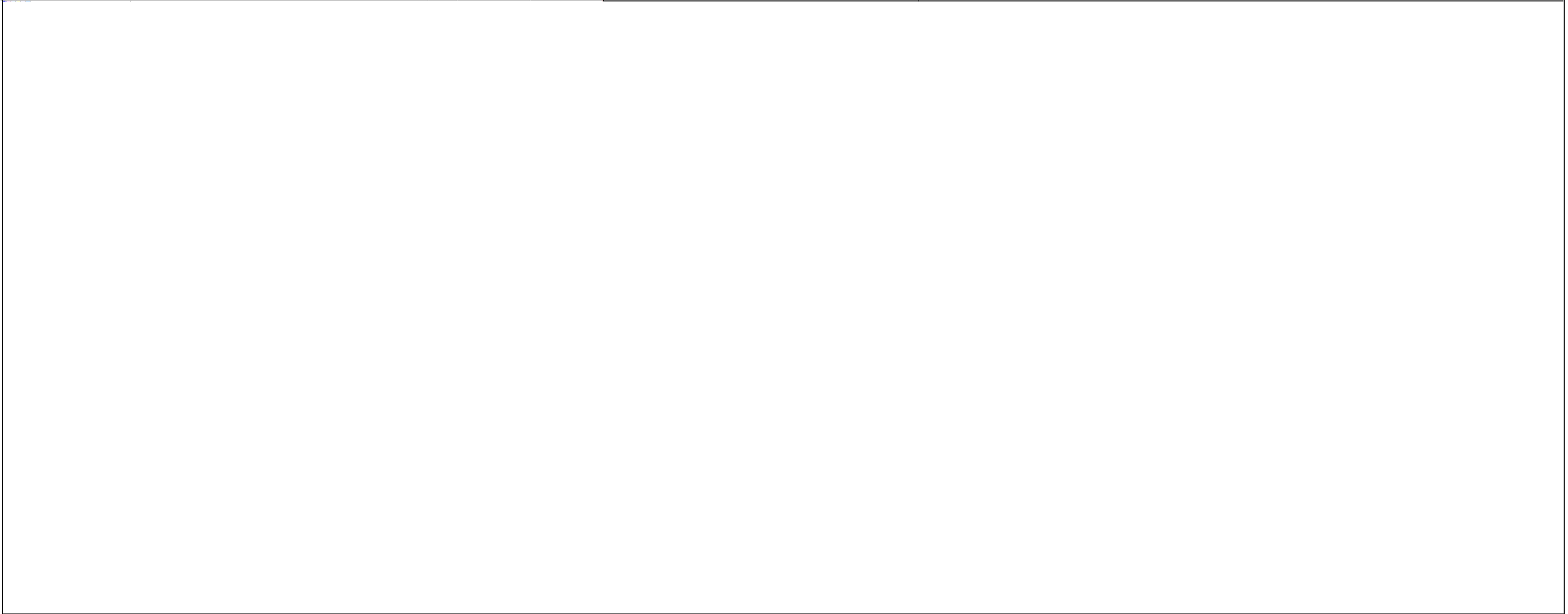


Activity ID		Activity Name	Dur	Start	Finish	2025		
						Jun	Jul	Aug
NCPS			6	01-Jun-25	06-Jun-25			
TC11460	WB TSS - E&M Brackets NCPS from CH8450 to CP25	6	01-Jun-25	06-Jun-25	<div></div> WB TSS - E&M Brackets NCPS from CH8450 to CP25			
Eastbound (EB)			668	26-Nov-23 A	23-Sep-25			
EB TSS - Service Gallery			52	16-Jul-25	05-Sep-25			
CP21-26			52	16-Jul-25	05-Sep-25			
Same Rate as TBM Excavation (Last SG 170m behind TBM CH)			52	16-Jul-25	05-Sep-25			
EBTBM1380	EB TSS - Service Gallery up to CH8473	10	16-Jul-25	25-Jul-25		<div></div> EB TSS - Service Gallery up to CH8473		
EBTBM1390	TRA: Stoppage 1 before Full Face Rock	18	25-Jul-25	12-Aug-25		<div></div> TRA: Stoppage 1 before Full Face Rock		
EBTBM1400	EB TSS - Service Gallery up to CH8484	10	12-Aug-25	22-Aug-25			<div></div> EB TSS - Service G	
EBTBM1410	EB TSS - Service Gallery up to CH8495 (11m; 4.8R/wk) and allow	7	22-Aug-25	29-Aug-25			<div></div> E	
EBTBM1500	EB TSS - Service Gallery up to CH8505 (10m; 4.8R/wk)	7	29-Aug-25	05-Sep-25			<div></div>	
EB TSS - Below Road Level Installation			28	01-Jun-25	28-Jun-25			
Low Point Sump Pit			28	01-Jun-25	28-Jun-25			
Low Point @CP12			28	01-Jun-25	28-Jun-25			
TC11320	EB TSS - Low Point Sump Pit - RC works (completed)	28	01-Jun-25	28-Jun-25	<div></div> EB TSS - Low Point Sump Pit - RC works (completed)			
TC11330	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM c	28	01-Jun-25	28-Jun-25	<div></div> EB TSS - Low Point Sump Pit waterproofing & testing (after TBM dismantling)			
FSIRoom			21	01-Jun-25	21-Jun-25			
A229450010	EB TSS - FSI Room 3 - civil works (completed)	21	01-Jun-25	21-Jun-25	<div></div> EB TSS - FSI Room 3 - civil works (completed)			
A229450000	EB TSS - FSI Room 5 - civil works (completed)	21	01-Jun-25	21-Jun-25	<div></div> EB TSS - FSI Room 5 - civil works (completed)			
A229449990	EB TSS - FSI Room 7 - civil works (completed)	21	01-Jun-25	21-Jun-25	<div></div> EB TSS - FSI Room 7 - civil works (completed)			
EB TSS - Corbel			580	26-Nov-23 A	27-Jun-25			
CP21-26			580	26-Nov-23 A	27-Jun-25			
A229415982	EB TSS - Corbel Stoppage at CP23	580	26-Nov-23 A	27-Jun-25	<div></div> EB TSS - Corbel Stoppage at CP23			
EB TSS - OHVD			14	01-Jun-25	14-Jun-25			
TC305	EB - ISSG Assembly (subject to ISSG availability)	14	01-Jun-25*	14-Jun-25	<div></div> EB - ISSG Assembly (subject to ISSG availability)			
EB TSS - Road Barrier			387	02-Sep-24 A	23-Sep-25 A			
CPS			387	02-Sep-24 A	23-Sep-25 A			
TC11120	EB TSS - Road Barrier CPS from CH8338 to CH8349	387	02-Sep-24 A	23-Sep-25 A				
08 CKL Tunnel			275	25-Nov-24 A	26-Aug-25			
Westbound (WB)			57	01-Jun-25	28-Jul-25			
WB CKL - Before TBM breakthrough			57	01-Jun-25	28-Jul-25			
Westbound (WB) Civil Works			57	01-Jun-25	28-Jul-25			
WB Type A			14	01-Jun-25	14-Jun-25			
E&M Brackets			14	01-Jun-25	14-Jun-25			
A229450100	CKL WB - E&M Bracket up to CP32	14	01-Jun-25	14-Jun-25	<div></div> CKL WB - E&M Bracket up to CP32			
WB EVB Portal			14	14-Jul-25	28-Jul-25			
A229450180	CKL WB EVB Portal - Road Barrier	14	14-Jul-25	28-Jul-25		<div></div> CKL WB EVB Portal - Road Barrier		
Eastbound (EB)			275	25-Nov-24 A	26-Aug-25			
EB CKL - Before TBM breakthrough			275	25-Nov-24 A	26-Aug-25			
Eastbound (EB) Structure Works			223	25-Nov-24 A	05-Jul-25			
EB Type C			161	25-Nov-24 A	14-Jun-25			
OHVD			161	25-Nov-24 A	14-Jun-25			
A2050	EB Type C - OHVD Formwork Modification & Relocation	161	25-Nov-24 A	14-Jun-25	<div></div> EB Type C - OHVD Formwork Modification & Relocation			
EB Type A D&Br			21	15-Jun-25	05-Jul-25			
OHVD			21	15-Jun-25	05-Jul-25			
A1800	EB D&Br - A1 OHVD Bay 5	21	15-Jun-25	05-Jul-25	<div></div> EB D&Br - A1 OHVD Bay 5			
Eastbound (EB) Civil Works			87	01-Jun-25	26-Aug-25			
EB Type A			73	15-Jun-25	26-Aug-25			
A8980	CKL EB Type A - E&M Bracket	39	15-Jun-25	23-Jul-25	<div></div> CKL EB Type A - E&M Bracket			
A229444530	EB - Type A - Road Barrier	36	11-Jul-25	26-Aug-25		<div></div> EB - Typ		
EB Type C			80	01-Jun-25	19-Aug-25			
A229450140	CKL EB Type C - MIMEP module installation	6	01-Jun-25	06-Jun-25	<div></div> CKL EB Type C - MIMEP module installation			
A229444520	CKL EB Type C2/C3 - Road Barrier	27	15-Jun-25	11-Jul-25	<div></div> CKL EB Type C2/C3 - Road Barrier			
A229450120	CKL EB Type C2/C3 - Black paint	7	11-Jul-25	18-Jul-25		<div></div> CKL EB Type C2/C3 - Black paint		
A229450110	CKL EB Type C2/C3 - E&M Bracket	27	24-Jul-25	19-Aug-25		<div></div> CKL EB Type C2/C3 - E&		
EB Type A D&Br			36	02-Jun-25	17-Jul-25			

Activity ID	Activity Name	Dur	Start	Finish	2025		
					Jun	Jul	Aug
A229444700	EB Type A Dr&BI - MIMEP module installation	36	02-Jun-25	17-Jul-25	EB Type A Dr&BI - MIMEP module installation		
EB EVB Portal		64	01-Jun-25	04-Aug-25			
A229450160	CKL EB EVB Portal - Black paint	7	01-Jun-25	07-Jun-25	CKL EB EVB Portal - Black paint		
A229450150	CKL EB EVB Portal - Road Barrier	21	14-Jul-25	04-Aug-25		CKL EB EVB Portal - Road Barrier	
Branch Tunnel (S01)		192	10-Feb-25 A	21-Aug-25			
Branch Tunnel (S01) Civil Works		192	10-Feb-25 A	21-Aug-25			
E&M Brackets		192	10-Feb-25 A	21-Aug-25			
A229450130	CKL S01 - E&M Bracket	192	10-Feb-25 A	21-Aug-25	CKL S01 - E&M Bracket		
09 Cross Passages		133	01-Jun-25	11-Oct-25			
Cross Passages @ TSS & CKL Tunnel (CP7 to CP33)		133	01-Jun-25	11-Oct-25			
CP25 by Mini TBM		27	29-Aug-25	25-Sep-25			
TD0100	CP25 - EB - Tympanum Civil works CH8489	27	29-Aug-25	25-Sep-25			
CP28 by D&Br		35	31-Jul-25	03-Sep-25			
TD1000	CP28 - WB - Temporary Platform setup & Tympanum CH8787	35	31-Jul-25	03-Sep-25			
CP32 by D&BI		78	01-Jun-25	17-Aug-25			
A229438446	CP32 - Backfill	26	01-Jun-25	26-Jun-25	CP32 - Backfill		
A229438436	CP32 - Lining Structure	26	27-Jun-25	22-Jul-25	CP32 - Lining Structure		
A229422590	CP32 - Collar	26	23-Jul-25	17-Aug-25		CP32 - Collar	
CP33 by D&BI		133	01-Jun-25	11-Oct-25			
A1900	CP33 - Rock Plug Excavation Preparation Works	40	01-Jun-25	10-Jul-25	CP33 - Rock Plug Excavation Preparation Works		
A1710	CP33 - Rock Plug Excavation	26	11-Jul-25	05-Aug-25		CP33 - Rock Plug Excavation	
A1720	CP33 - CP33/Type E Junction	67	06-Aug-25	11-Oct-25			
10 East Ventilation Building - EVB		567	15-Mar-24 A	02-Oct-25			
E&M Works (by BYME)		402	15-Mar-24 A	25-Jul-25			
EVB1210	EVB - E&M works (B/F)	359	15-Mar-24 A	04-Jun-25	EVB - E&M works (B/F)		
EVB1300	EVB - E&M works (LG3/F)	334	26-Apr-24 A	12-Jun-25	EVB - E&M works (LG3/F)		
EVB1360	EVB - E&M works (LG2/F)	318	21-May-24 A	16-Jun-25	EVB - E&M works (LG2/F)		
EVB1440	EVB - E&M works (LG1/F)	289	10-Jul-24 A	30-Jun-25	EVB - E&M works (LG1/F)		
EVB1500	EVB - E&M works (G/F)	286	07-Aug-24 A	25-Jul-25	EVB - E&M works (G/F)		
Statutory Procedures		227	24-Dec-24 A	08-Aug-25			
GBP & VAC submission		166	24-Dec-24 A	07-Jun-25			
EVB1580	VAC submission & 3 mth approval period by FSD	166	24-Dec-24 A	07-Jun-25	VAC submission & 3 mth approval period by FSD		
FS Water Supply		220	31-Dec-24 A	08-Aug-25			
EVB1410	EVB - Final Watermain installation after given full access	166	31-Dec-24 A	15-Jun-25	EVB - Final Watermain installation after given full access		
EVB1460	EVB - WWO 046 Part IV application & inspection	29	15-Jun-25	14-Jul-25	EVB - WWO 046 Part IV application & inspection		
EVB1470	EVB - Water sampling test (by WSD)	12	14-Jul-25	26-Jul-25	EVB - Water sampling test (by WSD)		
EVB1490	EVB - Watermeter installation	11	28-Jul-25	08-Aug-25	EVB - Watermeter installation		
Final T&C and FSI Inspection		108	18-Apr-25 A	04-Aug-25			
EVB1560	FSI Inspection	63	18-Apr-25 A	20-Jun-25 A	FSI Inspection		
EVB1600	Waiting period	21	14-Jul-25	04-Aug-25		Waiting period	
EVB Remaining Works (TBC)		97	01-Jun-25	06-Sep-25			
Facade works		31	06-Aug-25	06-Sep-25			
Above G/F		31	06-Aug-25	06-Sep-25			
EVB1606	EVB - Above G/F Façade (Admin Building side)	31	06-Aug-25	06-Sep-25			
Logistic Deck & Tower Crane Removal		79	01-Jun-25	18-Aug-25			
EVB1621	EVB - Tower Crane TC2 Removal TC2	15	01-Jun-25	15-Jun-25	EVB - Tower Crane TC2 Removal TC2		
EVB1620	EVB - Removal of Logistic Deck	79	01-Jun-25	18-Aug-25	EVB - Removal of Logistic Deck		
VO - Recovery Vehicle Base (RVB) Construction		45	19-Aug-25	02-Oct-25			
EVB1810	RVB - Rock Excavation & Site Formation	45	19-Aug-25	02-Oct-25			
11 Tunnel E&M Installation		202	01-May-25 A	19-Nov-25			
WB - E&M Works		90	01-Jul-25	28-Sep-25			
WB - LV Cabling & LV Power On		90	01-Jul-25	28-Sep-25			
E&MC1180	01b. WB SUS CP1 to CP12 - E&M Installation (Final Stage)	60	23-Jul-25	20-Sep-25			
TF170	WB CKL - CP32-EVB Portal E&M installation	90	01-Jul-25*	28-Sep-25			

Activity ID	Activity Name	Dur	Start	Finish	2025		
					Jun	Jul	Aug
EB - E&M Works		202	01-May-25 A	19-Nov-25			
EB - LV Cabling & LV Power On		202	01-May-25 A	19-Nov-25			
E&MC1080	02. EB TSS - CP12-16 E&M installation	90	01-May-25 A	29-Jul-25 A	02. EB TSS - CP12-16 E&M installation		
E&MC1150	01b. EB SUS to TSS CP12 - E&M Installation (Final Stage)	60	14-Aug-25	12-Oct-25			
E&MC1130	11. EB CKL - CP31 to EVB Portal - E&M installation	90	19-Aug-25	17-Nov-25			
E&MC1140	12. EB CKL - BT & S01 - E&M installation	90	21-Aug-25	19-Nov-25			
12 Projectwide TCSS Installation		730	12-Aug-24 A	11-Aug-26			
WB - TCSS Installation		625	12-Aug-24 A	28-Apr-26			
TE1170	WB - TCSS Installation concurrent with E&M installation	625	12-Aug-24 A	28-Apr-26			
EB - TCSS Installation		691	20-Sep-24 A	11-Aug-26			
TE160	EB - TCSS Installation concurrent with E&M installation	691	20-Sep-24 A	11-Aug-26			
14 Projectwide Final Works		48	30-Jun-25	17-Aug-25			
Tunnel Cladding		48	30-Jun-25	17-Aug-25			
Westbound		48	30-Jun-25	17-Aug-25			
Typical Subframe & Cladding		48	30-Jun-25	17-Aug-25			
WB NCPS		48	30-Jun-25	17-Aug-25			
A229450410	GTECH h/o End Jun25	0		30-Jun-25*	◆ GTECH h/o End Jun25		
VE10701	4. VE Panel - WB TSS CP12-17 (NCPS) 500m (subject to GTECH h/o End Jun25)	24	01-Jul-25	24-Jul-25	4. VE Panel - WB TSS CP12-17 (NCPS) 500m (subject to GTECH h/o End Jun25)		
VE10731	5. VE Panel - WB TSS CP17-23 (NCPS) 600m	24	25-Jul-25*	17-Aug-25	5. VE Panel - WB TSS CP17-23 (NCPS) 600m		
Infrastructure Works		290	24-Nov-24 A	10-Sep-25			
05 Common Utility Enclosure (CUE) (KD-39)		0	02-Jun-25	02-Jun-25			
VO - Plantroom for CUE Sprinkler System		0	02-Jun-25	02-Jun-25			
Overall T&C and FSI		0	02-Jun-25	02-Jun-25			
CUE10560	KD-39 - Completion of Section 13 - Ready for commissioning of CUE	0		02-Jun-25	◆ KD-39 - Completion of Section 13 - Ready for commissioning of CUE		
06 Road S20		84	31-Mar-25 A	25-Jul-25			
Addition of Planter (Non Critical)		62	31-Mar-25 A	26-Jun-25			
A1140	S20 - Construction of Remaining Planter	62	31-Mar-25 A	26-Jun-25	S20 - Construction of Remaining Planter		
Run-in Remaining Works		60	08-May-25 A	25-Jul-25			
A1000	S20 - Temporary Run-in Closure (subject to L10S Haul Road Diversion)	0		02-Jun-25*	◆ S20 - Temporary Run-in Closure (subject to L10S Haul Road Diversion)		
A1100	S20 - Run-in Remaining Works	60	08-May-25 A	25-Jul-25	S20 - Run-in Remaining Works		
VO - Modification of Irrigation System at Charging Station Run-in		12	02-Jun-25	16-Jun-25			
A1070	S20 - Shrubs Reinstatement (Non Critical)	12	02-Jun-25	16-Jun-25	S20 - Shrubs Reinstatement (Non Critical)		
07 Road L10(N)		250	24-Nov-24 A	31-Jul-25			
L10(N) Landscape (KD-26)		26	02-Jul-25	31-Jul-25			
LN10110	L10(N) - Landscape softwork (TBC)	26	02-Jul-25	31-Jul-25	L10(N) - Landscape softwork (TBC)		
LN10120	KD-26 - Section 9D - Road L10 (N) Landscape Softworks	0		31-Jul-25	◆ KD-26 - Section 9D - Road L10 (N) Landscape Softworks		
L10(N) Remaining works		248	24-Nov-24 A	29-Jul-25			
LN10100	Road L10N - Drainage T&C	21	01-Jun-25	21-Jun-25	Road L10N - Drainage T&C		
LN10140	Road L10N - Road Lighting	193	19-Dec-24 A	29-Jun-25 A	Road L10N - Road Lighting		
LN10130	Road L10N - Street furniture & road signage	219	24-Nov-24 A	30-Jun-25 A	Road L10N - Street furniture & road signage		
LN10150	Road L10N - Final Paving works & Road Marking	20	10-Jul-25	29-Jul-25	Road L10N - Final Paving works & Road Marking		
L10 (N) Remaining Road Works (Subject to Manpower)		98	01-Mar-25 A	09-Jul-25			
A229450260	L10 (N) - Landscape Softwork	51	29-Mar-25 A	09-Jun-25 A	L10 (N) - Landscape Softwork		
A229450270	L10 (N) - Remaining Road Signage	89	01-Mar-25 A	27-Jun-25	L10 (N) - Remaining Road Signage		
A229450280	L10 (N) - Remaining Road Lighting	30	02-Jun-25	09-Jul-25	L10 (N) - Remaining Road Lighting		
08 Road L10(S) & L18		236	07-Jan-25 A	30-Aug-25			
L10(S) & L18 Landscape (KD-24)		25	02-Jun-25	30-Jun-25			
A229445711	KD-24 - Completion of Section 9B - Remaining Stage 5 Infrastructure Landscape	0		30-Jun-25	◆ KD-24 - Completion of Section 9B - Remaining Stage 5 Infrastructure Landscape		
A229445710	L10 (S) & L18 - Landscape softwork (TBC)	25	02-Jun-25*	30-Jun-25	L10 (S) & L18 - Landscape softwork (TBC)		
L10(S) & L18 Remaining works		91	01-Jun-25	30-Aug-25			
Preparation for road opening		0	01-Jun-25	01-Jun-25			
A229448750	L10 (S) & L18 ready for use	0		01-Jun-25	◆ L10 (S) & L18 ready for use		
Roadside Area adjacent to L10(S)		91	01-Jun-25	30-Aug-25			
Design		0	31-Jul-25	31-Jul-25			

Activity ID	Activity Name	Dur	Start	Finish	2025		
					Jun	Jul	Aug
A229448800	Design Approval - Landscape (225000)	0		31-Jul-25			◆ Design Approval - Landscape (225000)
Roadworks		30	01-Jun-25	30-Jun-25			
A229448810	Roadside Area adjacent to L10S - Road works	30	01-Jun-25*	30-Jun-25		Roadside Area adjacent to L10S - Road works	
Landscape		30	01-Aug-25	30-Aug-25			
A229448820	Roadside Area adjacent to L10S - Landscape (TBC)	30	01-Aug-25	30-Aug-25			
Miscellaneous Road Works		114	07-Jan-25 A	06-Jun-25			
A229450250	L10 (S) Footpath - Diversion (Container Walkway -> Permanent Fc	0		02-Jun-25	◆ L10 (S) Footpath - Diversion (Container Walkway -> Permanent Footpath)		
A1190	L10 (S) Carriageway - Construction of Remaining Islands	114	07-Jan-25 A	06-Jun-25		L10 (S) Carriageway - Construction of Remaining Islands	
Preparation for Road Opening (L10S)		28	26-Apr-25 A	03-Jun-25			
A229450210	L10 (S) Carriageway - Final Paving Works & Road Marking	28	26-Apr-25 A	03-Jun-25		L10 (S) Carriageway - Final Paving Works & Road Marking	
A229450220	L10 (S) - Site Access Change (Kai Tak Bridge Rd)	0		03-Jun-25	◆ L10 (S) - Site Access Change (Kai Tak Bridge Rd)		
09 Footbridge FB-02 (KD-17 achieved)		106	08-Feb-25 A	26-Jun-25			
FB-02 Remaining works		106	08-Feb-25 A	26-Jun-25			
KF64 reinstatement		106	08-Feb-25 A	26-Jun-25			
FB211150	KF64 Reinstatement - Handrail	73	08-Mar-25 A	16-Jun-25		KF64 Reinstatement - Handrail	
FB211140	KF64 Reinstatement - Lighting	106	08-Feb-25 A	26-Jun-25		KF64 Reinstatement - Lighting	
10 Lam Chak Street / Kai Hing Road Modification		30	11-Aug-25	10-Sep-25			
LCS/KHR Modification (KD-19)		30	11-Aug-25	10-Sep-25			
VO - Additional Raod Lighting at Stage 1 Area		30	11-Aug-25	10-Sep-25			
A229450080	VO - Additional Road Lighting installation	30	11-Aug-25	10-Sep-25			





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	2025			
										May	Jun	Jul	Aug
										41	42	43	44
Trunk Road T2 - Traffic Control & Surveillance System & Associated Works		740	01-Jun-25	03-Mar-26	19-Feb-24	31-Oct-26	10-Aug-23						
Access Dates		75	01-Jun-25	15-Aug-25	30-Apr-24	15-May-25							
AC1010a	Portion 2 - LSCC to CP7 (CP Side) - WB	0	01-Jun-25		20-Sep-24								
AC1010b	Portion 2 - LSCC to CP7 (NCP Side) - WB	0	01-Jun-25		02-Oct-24								
AC1010c	Portion 2 - LSCC to CP7 (Under OHVD) - WB	0	01-Jun-25		15-May-25								
AC1010e	Portion 2 - LSCC to CP7 (Service Gallery) - WB	0	01-Jun-25		01-Feb-25								
AC1010f	Portion 2 - LSCC to CP7 (CP Side) - EB	0	01-Jun-25		02-Oct-24								
AC1010g	Portion 2 - LSCC to CP7 (Under OHVD) - EB	0	01-Jun-25		15-May-25								
AC1010i	Portion 2 - LSCC to CP7 (Service Gallery) - EB	0	01-Jun-25		01-Feb-25								
AC1020	Portion 3 - CKL Branch Tunnel in TKO-LTT Site	0	01-Jun-25		23-Aug-24								
AC1030	Portion 4 - TKO-LTT (LT Interchange)	0	01-Jun-25		30-Apr-24								
AC1040	Underpass S21	0	01-Jun-25		16-Jan-25								
AC1050i	Portion 2 - LS - CKL Tunnel CP7 to CP11 (Niche cabinet) - EB	0	01-Jun-25		21-Oct-24								
AC1050j	Portion 2 - LS - CKL Tunnel CP7 to CP11 (Niche cabinet) - WB	0	01-Jun-25		03-Oct-24								
AC1080f	Portion 2 - LS - CKL Tunnel CP24 to CP26 (Road Level) - WB	0	01-Jun-25		20-Sep-24								
AC1080h	Portion 2 - LS - CKL Tunnel CP21 to CP24 (VSLs Signage Anchor) - WB	0	01-Jun-25		25-Jan-25								
AC1090f	Portion 2 - LS - CKL Main Tunnel CP29 to CP32 (Service Gallery) - EB	0	01-Jun-25		21-Jan-25								
AC1090g	Portion 2 - LS - CKL Main Tunnel CP30 to CP32 (Road Level) - WB	0	01-Jun-25		17-Sep-24								
AC1090h	Portion 2 - LS - CKL Main Tunnel CP30 to CP32 (Service Gallery) - WB	0	01-Jun-25		21-Jan-25								
AC1010d	Portion 2 - LSCC to CP7 (VSLs Signage Anchors & Niche Cabinet) - EB & WB	0	15-Jun-25		28-Jan-25								
AC1010h	Portion 2 - LSCC to CP7 (NCP Side) - EB	0	15-Jun-25		02-Oct-24								
AC1060i	Portion 2 - LS - CKL Tunnel CP11 to CP16 (Niche Cabinet) - EB & WB	0	15-Jun-25		17-Dec-24								
AC1070i	Portion 2 - LS - CKL Tunnel CP16 to CP21 (Niche Cabinet) - EB & WB	0	15-Jun-25		22-Jan-25								
AC1080i	Portion 2 - LS - CKL Tunnel CP21 to CP24 (Niche Cabinet) - WB	0	15-Jun-25		14-Feb-25								
AC1090d	Portion 2 - LS - CKL Tunnel CP26 to CP30 (Service Gallery) - WB	0	15-Jun-25		19-Dec-24								
AC1090e	Portion 2 - LS - CKL Main Tunnel CP29 to CP32 (Road Level) - EB	0	15-Jul-25		02-Sep-24								
AC1080b	Portion 2 - LS - CKL Tunnel CP24 to CP26 (Service Gallery) - EB	0	30-Jul-25		13-Feb-25								
AC1090c	Portion 2 - LS - CKL Tunnel CP26 to CP30 (Road Level) - WB	0	15-Aug-25		27-Aug-24								
Milestones of Contract T2		0	01-Jun-25	01-Jun-25	27-Mar-25	27-Mar-25							
KD1050	Commencement of Project-wide FSD Inspection - Contract T2	0	01-Jun-25		27-Mar-25								
Summary by Cost Center		453	02-Jun-25	03-Mar-26	19-Feb-24	30-May-25	01-Apr-24						
Cost Center B - Central System		108	02-Jun-25	08-Oct-25	16-Aug-24	11-Apr-25							
SC1090	SAT Plan Submission & Approval for Central System	78	02-Jun-25	01-Sep-25	07-Jan-25	11-Apr-25			DS3500: SS				
SC1080	Site Installation of Central System	84	30-Jun-25	08-Oct-25	16-Aug-24	22-Jan-25			SW1100: SS, SW1120: SS, SW1960: SS, SW1090: SS, SW1670: SS, SW1770: SS				
Cost Center C - Traffic Control Devices		391	02-Jun-25	10-Jan-26	30-May-24	29-May-25	23-Sep-24						
SC1200	SCT Plan Submission & Approval for Traffic Control Devices	0	02-Jun-25	11-Jul-25	23-Sep-24	22-Feb-25	23-Sep-24		DS2980: SS				



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										May 41	Jun 42	Jul 43	Aug 44
SC1220	SAT Plan Submission & Approval for Traffic Control Devices	84	02-Jun-25	08-Sep-25	30-Dec-24	11-Apr-25			DS3540: SS				
SC1210	Site Installation of Traffic Control Devices	162	30-Jun-25	10-Jan-26	30-May-24	29-May-25			SW1110: SS				
Cost Center D - Communication System		258	02-Jun-25	08-Oct-25	16-Aug-24	22-Jan-25	28-Nov-24						
SC1350	SAT Plan Submission & Approval for Communication System	0	02-Jun-25	11-Jul-25	28-Nov-24	31-Dec-24	28-Nov-24		DS3580: SS				
SC1330	Site Installation of Communication System	39	22-Aug-25	08-Oct-25	16-Aug-24	22-Jan-25			SW1100: SS, SW1120: SS, SW1960: SS				
Cost Center E - CCTV System		273	02-Jun-25	15-Oct-25	06-Jul-24	29-May-25	18-Nov-24						
SC1480	SAT Plan Submission & Approval for CCTV System	0	02-Jun-25	14-Jul-25	18-Nov-24	28-Mar-25	18-Nov-24		DS3620: SS				
SC1470	Site Installation of CCTV System	90	30-Jun-25	15-Oct-25	06-Jul-24	29-May-25			SW1060: SS, SW1940: SS				
Cost Center F - PABX System		400	02-Jun-25	03-Mar-26	01-Nov-24	21-May-25	01-Nov-24						
SC1610	SAT Plan Submission & Approval for PABX System	0	02-Jun-25	11-Jul-25	01-Nov-24	21-May-25	01-Nov-24		DS3660: SS				
SC1590	Site Installation of PABX System	120	02-Jun-25	11-Nov-25	30-Dec-24	07-Apr-25	30-Dec-24		SW2380: SS				
SC1620	SCT of PABX System	218	12-Jun-25	03-Mar-26	28-Jan-25	21-May-25			SW2770: SS, SW2770a: SS				
Cost Center G - ET System		251	02-Jun-25	28-Oct-25	21-Oct-24	21-Apr-25	27-Dec-24						
SC1740	SAT Plan Submission & Approval for ET System	0	02-Jun-25	11-Jul-25	27-Dec-24	21-Apr-25	27-Dec-24		DS3700: SS				
SC1720	Site Installation of ET System	125	02-Jun-25	28-Oct-25	21-Oct-24	22-Feb-25			SW2340: SS				
Cost Center H - PA System		190	02-Jun-25	28-Oct-25	01-Nov-24	07-May-25	01-Nov-24						
SC1860	Site Installation of PA System	130	02-Jun-25	28-Oct-25	01-Nov-24	08-Mar-25	01-Nov-24		SW2370: SS, SW3170: FS				
SC1870	SAT Plan Submission & Approval for PA System	0	02-Jun-25	11-Jul-25	18-Nov-24	07-May-25	18-Nov-24		DS3740: SS				
Cost Center I - Radio System		363	02-Jun-25	18-Nov-25	22-Apr-24	21-Apr-25	03-Sep-24						
SC1980	SCT Plan Submission & Approval for Radio System	0	02-Jun-25	10-Jul-25	03-Sep-24	15-Mar-25	03-Sep-24		DS3220: SS				
SC1930	Installation Drawing Preparation, Submission & Approval for Radio System	60	02-Jun-25	11-Aug-25	22-Apr-24	09-Oct-24			DS6130: SS				
SC2000	SAT Plan Submission & Approval for Radio System	84	02-Jun-25	08-Sep-25	09-Jan-25	21-Apr-25			DS3780: SS				
SC1990	Site Installation of Radio System	77	18-Aug-25	18-Nov-25	12-Nov-24	22-Feb-25			SW2390: SS				
Cost Center J - Detection System		325	02-Jun-25	01-Dec-25	06-Jul-24	30-May-25	02-Nov-24						
SC2110	SCT Plan Submission & Approval for Detection System	0	02-Jun-25	26-Jun-25	02-Nov-24	17-Jan-25	02-Nov-24		DS3260: SS				
SC2130	SAT Plan Submission & Approval for Detection System	84	02-Jun-25	08-Sep-25	04-Jan-25	16-Apr-25			DS3820: SS				
SC2120	Site Installation of Detection System	129	30-Jun-25	01-Dec-25	06-Jul-24	30-May-25			SW1070: SS, SW1250: SS				
Cost Center K - Manual Fallback System		207	02-Jun-25	08-Sep-25	12-Nov-24	22-Feb-25	31-Dec-24						
SC2240	Site Installation of Manual Fallback System	0	02-Jun-25	08-Sep-25	25-Nov-24	25-Nov-24	31-Dec-24		EM1110: FS				
SC2270	SAT Plan Submission & Approval for Manual Fallback System	84	02-Jun-25	08-Sep-25	12-Nov-24	22-Feb-25			DS3860: SS				
Cost Center L - Speed Enforcement System		402	02-Jun-25	29-Dec-25	19-Feb-24	21-May-25	28-Aug-24						
SC2370	SCT Plan Submission & Approval for Speed Enforcement System	98	02-Jun-25	11-Jul-25	28-Aug-24	22-Mar-25	28-Aug-24		DS3380: SS				
SC2380	Reliability Test Plan Submission & Approval for Speed Enforcement System	84	02-Jun-25	11-Jul-25	21-Dec-24	11-Apr-25	21-Dec-24		DS3940: SS				
SC2340	Installation Drawing Preparation, Submission & Approval for Speed Enforcement System	60	02-Jun-25	11-Aug-25	19-Feb-24	10-Mar-25			DS6290: SS				
SC2390	Site Installation of Speed Enforcement System	114	02-Jun-25	15-Oct-25	08-Oct-24	22-Mar-25			SW2330: SS				
SC2400	SCT of Speed Enforcement System	142	12-Jul-25	29-Dec-25	24-Mar-25	21-May-25			DS8860: FS				
Cost Center M - Power Distribution System		98	02-Jun-25	30-Oct-25	01-Apr-24	21-Mar-25	01-Apr-24						
SC2480	Site Installation of Power Distribution System	98	02-Jun-25	30-Oct-25	01-Apr-24	21-Mar-25	01-Apr-24		SW1920: SS, SW2250: SS, SW1650: SS				
Operation Facilities		206	02-Jun-25	08-Sep-25	19-Aug-24	11-Apr-25	31-Dec-24						
SC2680	Site Installation of Operation Facilities	0	02-Jun-25	20-Aug-25	07-Nov-24	07-Nov-24	31-Dec-24		EM1120: FS				
SC2630	Installation Drawing Preparation, Submission & Approval for Operation Facilities	53	02-Jun-25	02-Aug-25	19-Aug-24	22-Oct-24			DS6250: SS				
SC2710	SAT Plan Submission & Approval for Operation Facilities	84	02-Jun-25	08-Sep-25	30-Dec-24	11-Apr-25			DS3900: SS				
Design & Submissions		304	02-Jun-25	02-Jun-25	27-Aug-24	25-Jun-25	29-Aug-23						
FSP Submissions (42 Working Days after Commencement of FSP)		304	02-Jun-25	02-Jun-25	27-Aug-24	25-Jun-25	29-Aug-23						
FSP Batch 1 Submission		304	02-Jun-25	02-Jun-25	27-Aug-24	25-Jun-25	29-Aug-23						
Central System		304	02-Jun-25	02-Jun-25	27-Aug-24	25-Jun-25	29-Aug-23						
Traffic Plan Review & Combine		140	02-Jun-25	02-Jun-25	27-Aug-24	27-Aug-24	28-Dec-23						
DS7300	Traffic Plan Review & Combine Workshop	140	02-Jun-25	02-Jun-25	27-Aug-24	27-Aug-24	28-Dec-23		DS1830: FS 22				



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025				
										May 41	Jun 42	Jul 43	Aug 44	
	IT Security Risk Assessment Plan		30	02-Jun-25	02-Jun-25	25-Jun-25	25-Jun-25	29-Aug-23						
	DS7440	Approval on IT Security Risk Assessment Plan	30	02-Jun-25	02-Jun-25	25-Jun-25	25-Jun-25	29-Aug-23		DS7430: FS				
Interface Coordination & Integration with Other Parties			321	02-Jun-25	25-Aug-25	06-Apr-24	30-Sep-25	17-May-24						
Interfacing Coordination with TKO-LTT (Civil)			274	02-Jun-25	30-Jun-25	02-Sep-25	30-Sep-25	17-May-24						
Detail Interfacing Management Plan (DIMP)			274	02-Jun-25	30-Jun-25	02-Sep-25	30-Sep-25	17-May-24						
	DS6780	Comment on DIMP with TKO-LTT (Civil)	17	02-Jun-25	02-Jun-25	02-Sep-25	02-Sep-25	17-May-24		DS6770: FS				
	DS6790	Resubmit DIMP with TKO-LTT (Civil)	16	03-Jun-25	20-Jun-25	03-Sep-25	20-Sep-25			DS6780: FS				
	DS6800	Approval of DIMP with TKO-LTT (Civil)	8	21-Jun-25	30-Jun-25	22-Sep-25	30-Sep-25			DS6790: FS				
Interfacing Coordination with T2			72	02-Jun-25	25-Aug-25	06-Apr-24	03-Jul-24							
Preliminary Interfacing Management Plan (PIMP)			72	02-Jun-25	25-Aug-25	06-Apr-24	03-Jul-24							
	DS6890	Prepare & Submit PIMP with T2	24	02-Jun-25	28-Jun-25	06-Apr-24	04-May-24			DS2680: FS 211				
	DS6900	Comment on PIMP with T2	24	30-Jun-25	28-Jul-25	06-May-24	03-Jun-24			DS6890: FS				
	DS6910	Resubmit PIMP with T2	12	29-Jul-25	11-Aug-25	04-Jun-24	18-Jun-24			DS6900: FS				
	DS6920	Approval of PIMP with T2	12	12-Aug-25	25-Aug-25	19-Jun-24	03-Jul-24			DS6910: FS				
Drawing & Installation Method Statement Submissions			486	02-Jun-25	11-Aug-25	19-Feb-24	31-Oct-26	10-Aug-23						
Installation Drawing Submission			60	02-Jun-25	11-Aug-25	19-Feb-24	10-Mar-25							
Radio System			60	02-Jun-25	11-Aug-25	22-Apr-24	09-Oct-24							
	DS6130	Prepare & Submit Installation Drawing for Radio System	12	02-Jun-25	14-Jun-25	22-Apr-24	06-May-24			DS2154: FS				
	DS6140	Comment on Installation Drawing for Radio System	24	16-Jun-25	14-Jul-25	13-Aug-24	09-Sep-24			DS6130: FS				
	DS6150	Resubmit Installation Drawing for Radio System	12	15-Jul-25	28-Jul-25	10-Sep-24	24-Sep-24			DS6140: FS				
	DS6160	Approval of Installation Drawing for Radio System	12	29-Jul-25	11-Aug-25	25-Sep-24	09-Oct-24			DS6150: FS, SC1930: FF				
Operation Facility			53	02-Jun-25	02-Aug-25	19-Aug-24	22-Oct-24							
	DS6250	Prepare & Submit Installation Drawing for Operation Facility	5	02-Jun-25	06-Jun-25	19-Aug-24	23-Aug-24			DS2532: FS				
	DS6260	Comment on Installation Drawing for Operation Facility	24	07-Jun-25	05-Jul-25	24-Aug-24	21-Sep-24			DS6250: FS				
	DS6270	Resubmit Installation Drawing for Operation Facility	12	07-Jul-25	19-Jul-25	23-Sep-24	07-Oct-24			DS6260: FS				
	DS6280	Approval of Installation Drawing for Operation Facility	12	21-Jul-25	02-Aug-25	08-Oct-24	22-Oct-24			DS6270: FS, SC2630: FF				
Speed Enforcement System			60	02-Jun-25	11-Aug-25	19-Feb-24	10-Mar-25							
	DS6290	Prepare & Submit Installation Drawing for Speed Enforcement System	12	02-Jun-25	14-Jun-25	19-Feb-24	02-Mar-24			DS2472: FS				
	DS6300	Comment on Installation Drawing for Speed Enforcement System	24	16-Jun-25	14-Jul-25	10-Jan-25	10-Feb-25			DS6290: FS				
	DS6310	Resubmit Installation Drawing for Speed Enforcement System	12	15-Jul-25	28-Jul-25	11-Feb-25	24-Feb-25			DS6300: FS				
	DS6320	Approval of Installation Drawing for Speed Enforcement System	12	29-Jul-25	11-Aug-25	25-Feb-25	10-Mar-25			DS6310: FS, SC2340: FF				
Installation Method Statement Submission			448	02-Jun-25	26-Jun-25	06-Oct-26	31-Oct-26	10-Aug-23						
Power Distribution System			448	02-Jun-25	26-Jun-25	06-Oct-26	31-Oct-26	10-Aug-23						
	DS6550	Resubmit Installation Method Statement for Power Distribution System	6	02-Jun-25	12-Jun-25	06-Oct-26	16-Oct-26	10-Aug-23		DS6540: FS				
	DS6560	Approval of Installation Method Statement for Power Distribution System	12	13-Jun-25	26-Jun-25	17-Oct-26	31-Oct-26			DS6550: FS				
SCT Plan Submissions			335	02-Jun-25	11-Jul-25	21-Dec-24	22-Mar-25	24-Dec-24						
Traffic Control Devices			310	02-Jun-25	11-Jul-25	11-Jan-25	22-Feb-25	11-Feb-25						
	DS8910	Resubmission of SCT Plan for Traffic Control Devices	12	02-Jun-25	12-Jun-25	11-Jan-25	22-Jan-25	11-Feb-25		DS3010: FS				
	DS8920	Approval of SCT Plan for Traffic Control Devices	24	13-Jun-25	11-Jul-25	23-Jan-25	22-Feb-25			DS8910: FS, SC1200: FF				
Radio System			334	02-Jun-25	10-Jul-25	06-Feb-25	15-Mar-25	25-Apr-25						
	DS9000	Comment on SCT Plan/ Workshops (System Briefing & Comment Discussion)	24					25-Apr-25	27-May-25	DS8990: FS				
	DS9070	Resubmission of SCT Plan for Radio System	12	02-Jun-25	11-Jun-25	06-Feb-25	15-Feb-25	28-May-25		DS9000: FS				
	DS9080	Approval of SCT Plan for Radio System	24	12-Jun-25	10-Jul-25	17-Feb-25	15-Mar-25			SC1980: FF, DS9070: FS				
Detection System			313	02-Jun-25	26-Jun-25	21-Dec-24	17-Jan-25	02-Apr-25						
	DS3290	Comment on SCT Plan/ Workshops (System Briefing & Comment Discussion)	24					02-Apr-25	12-May-25	DS3280: FS				
	DS9090	Resubmission of SCT Plan for Detection System	12					13-May-25	28-May-25	DS3290: FS				
	DS9100	Approval of SCT Plan for Detection System	24	02-Jun-25	26-Jun-25	21-Dec-24	17-Jan-25	29-May-25		SC2110: FF, DS9090: FS				
Speed Enforcement System			335	02-Jun-25	11-Jul-25	12-Feb-25	22-Mar-25	24-Dec-24						

GTECH Services (Hong Kong) Limited

Remaining Work

Actual Work

Critical Activity

Milestone

Date	Revision	Checked	Approved
31-May-25	Rev. 0	MY	


Page 3 of 12



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										May 41	Jun 42	Jul 43	Aug 44
	DS8850	Resubmission of SCT Plan for Speed Enforcement System	12	02-Jun-25	12-Jun-25	12-Feb-25	22-Feb-25	24-Dec-24	DS3410: FS				
	DS8860	Approval of SCT Plan for Speed Enforcement System	24	13-Jun-25	11-Jul-25	24-Feb-25	22-Mar-25		DS8850: FS, SC2370: FF				
SAT Plan Submissions		377	02-Jun-25	08-Sep-25	12-Nov-24	21-May-25	14-Jan-25						
Central System		78	02-Jun-25	01-Sep-25	07-Jan-25	11-Apr-25							
	DS3500	Submission of Central System SAT Plan	18	02-Jun-25	21-Jun-25	07-Jan-25	27-Jan-25		DS2940: FS				
	DS3510	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	23-Jun-25	21-Jul-25	28-Jan-25	27-Feb-25		DS3500: FS				
	DS3520	Resubmission of SAT Plan for Central System	12	22-Jul-25	04-Aug-25	28-Feb-25	13-Mar-25		DS3510: FS				
	DS3530	Approval of SAT Plan for Central System	24	05-Aug-25	01-Sep-25	14-Mar-25	11-Apr-25		SC1090: FF, DS3520: FS				
Traffic Control Devices		84	02-Jun-25	08-Sep-25	30-Dec-24	11-Apr-25							
	DS3540	Submission of Traffic Control Devices System SAT Plan	24	02-Jun-25	28-Jun-25	30-Dec-24	27-Jan-25		DS2980: FS				
	DS3550	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	30-Jun-25	28-Jul-25	28-Jan-25	27-Feb-25		DS3540: FS				
	DS3560	Resubmission of SAT Plan for Traffic Control Devices	12	29-Jul-25	11-Aug-25	28-Feb-25	13-Mar-25		DS3550: FS				
	DS3570	Approval of SAT Plan for Traffic Control Devices	24	12-Aug-25	08-Sep-25	14-Mar-25	11-Apr-25		SC1220: FF, DS3560: FS				
Communication System		327	02-Jun-25	11-Jul-25	21-Nov-24	31-Dec-24	30-Apr-25						
	DS9110	Resubmission of SAT Plan for Communication System	12	02-Jun-25	12-Jun-25	21-Nov-24	02-Dec-24	30-Apr-25	DS3610: FS				
	DS9120	Approval of SAT Plan for Communication System	24	13-Jun-25	11-Jul-25	03-Dec-24	31-Dec-24		SC1350: FF, DS9110: FS				
CCTV System		313	02-Jun-25	14-Jul-25	15-Feb-25	28-Mar-25	14-Jan-25						
	DS3640	Resubmission of SAT Plan for CCTV System	12	02-Jun-25	14-Jun-25	15-Feb-25	28-Feb-25	14-Jan-25	DS3630: FS				
	DS3650	Approval of SAT Plan for CCTV System	24	16-Jun-25	14-Jul-25	01-Mar-25	28-Mar-25		SC1480: FF, DS3640: FS				
PABX System		52	02-Jun-25	11-Jul-25	10-Apr-25	21-May-25	27-Mar-25						
	DS9050	Resubmission of SAT Plan for PABX System	12	02-Jun-25	12-Jun-25	10-Apr-25	21-Apr-25	27-Mar-25	DS3690: FS				
	DS9060	Approval of SAT Plan for PABX System	24	13-Jun-25	11-Jul-25	22-Apr-25	21-May-25		SC1610: FF, DS9050: FS				
ET System		85	02-Jun-25	11-Jul-25	12-Mar-25	21-Apr-25	19-Feb-25						
	DS3720	Resubmission of SAT Plan for ET System	12	02-Jun-25	12-Jun-25	12-Mar-25	22-Mar-25	19-Feb-25	DS3710: FS				
	DS3730	Approval of SAT Plan for ET System	24	13-Jun-25	11-Jul-25	24-Mar-25	21-Apr-25		SC1740: FF, DS3720: FS				
PA System		287	02-Jun-25	11-Jul-25	26-Mar-25	07-May-25	11-Apr-25						
	DS9130	Resubmission of SAT Plan for PA System	12	02-Jun-25	12-Jun-25	26-Mar-25	07-Apr-25	11-Apr-25	DS3770: FS				
	DS9140	Approval of SAT Plan for PA System	24	13-Jun-25	11-Jul-25	08-Apr-25	07-May-25		SC1870: FF, DS9130: FS				
Radio System		84	02-Jun-25	08-Sep-25	09-Jan-25	21-Apr-25							
	DS3780	Submission of Radio System SAT Plan	24	02-Jun-25	28-Jun-25	09-Jan-25	08-Feb-25		DS3220: FS 48				
	DS3790	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	30-Jun-25	28-Jul-25	10-Feb-25	08-Mar-25		DS3780: FS				
	DS3800	Resubmission of SAT Plan for Radio System	12	29-Jul-25	11-Aug-25	10-Mar-25	22-Mar-25		DS3790: FS				
	DS3810	Approval of SAT Plan for Radio System	24	12-Aug-25	08-Sep-25	24-Mar-25	21-Apr-25		SC2000: FF, DS3800: FS				
Detection System		84	02-Jun-25	08-Sep-25	04-Jan-25	16-Apr-25							
	DS3820	Submission of Detection System SAT Plan	24	02-Jun-25	28-Jun-25	04-Jan-25	04-Feb-25		DS3260: FS 72				
	DS3830	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	30-Jun-25	28-Jul-25	05-Feb-25	04-Mar-25		DS3820: FS				
	DS3840	Resubmission of SAT Plan for Detection System	12	29-Jul-25	11-Aug-25	05-Mar-25	18-Mar-25		DS3830: FS				
	DS3850	Approval of SAT Plan for Detection System	24	12-Aug-25	08-Sep-25	19-Mar-25	16-Apr-25		SC2130: FF, DS3840: FS				
Manual Fallback Control System		84	02-Jun-25	08-Sep-25	12-Nov-24	22-Feb-25							
	DS3860	Submission of Manual Fallback Control System SAT Plan	24	02-Jun-25	28-Jun-25	12-Nov-24	09-Dec-24		DS3300: FS				
	DS3870	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	30-Jun-25	28-Jul-25	10-Dec-24	08-Jan-25		DS3860: FS				
	DS3880	Resubmission of SAT Plan for Manual Fallback Control System	12	29-Jul-25	11-Aug-25	09-Jan-25	22-Jan-25		DS3870: FS				
	DS3890	Approval of SAT Plan for Manual Fallback Control System	24	12-Aug-25	08-Sep-25	23-Jan-25	22-Feb-25		SC2270: FF, DS3880: FS				
Operation Facility		84	02-Jun-25	08-Sep-25	30-Dec-24	11-Apr-25							
	DS3900	Submission of Operation Facility SAT Plan	24	02-Jun-25	28-Jun-25	30-Dec-24	27-Jan-25		DS3340: FS				
	DS3910	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	30-Jun-25	28-Jul-25	28-Jan-25	27-Feb-25		DS3900: FS				
	DS3920	Resubmission of SAT Plan for Operation Facility	12	29-Jul-25	11-Aug-25	28-Feb-25	13-Mar-25		DS3910: FS				
	DS3930	Approval of SAT Plan for Operation Facility	24	12-Aug-25	08-Sep-25	14-Mar-25	11-Apr-25		SC2710: FF, DS3920: FS				
Speed Enforcement System		26	02-Jun-25	11-Jul-25	03-Mar-25	11-Apr-25	22-Feb-25						



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										May 41	Jun 42	Jul 43	Aug 44
DS3960	Resubmission of Reliability Test Plan for Speed Enforcement System	12	02-Jun-25	12-Jun-25	03-Mar-25	13-Mar-25	22-Feb-25		DS3950: FS				
DS3970	Approval of Reliability Test Plan for Speed Enforcement System	24	13-Jun-25	11-Jul-25	14-Mar-25	11-Apr-25			SC2380: FF, DS3960: FS				
Training Document & O&M Manual Submission for T2/TKOLTT TCSS		65	02-Jun-25	16-Aug-25	06-Jun-26	22-Aug-26							
DS3980	Submit Document for System Description	6	02-Jun-25	07-Jun-25	06-Jun-26	12-Jun-26			DS3580: SS 30				
DS4010	Submit System Administration Manual	11	09-Jun-25	20-Jun-25	13-Jun-26	26-Jun-26			DS3980: FS				
DS4020	Submit Training Manual	48	21-Jun-25	16-Aug-25	27-Jun-26	22-Aug-26			DS4010: FS				
Site Installation and Testing & Commissioning		450	02-Jun-25	30-Oct-25	30-Apr-24	19-Jun-25	01-Apr-24						
Portion 4 - TKO-LTT (LT Interchange)		105	02-Jun-25	03-Oct-25	30-Apr-24	25-Nov-24							
SW1020	Inspect Civil Provisions & Submit Inspection Report	12	02-Jun-25	14-Jun-25	30-Apr-24	14-May-24			DS6600: FS, DS6680: FS, DS6760: FS, DS6840: FS, AC1030: SS				
SW1030	Rectify Civil Provision Defects by Others	18	16-Jun-25	07-Jul-25	27-Jun-24	18-Jul-24			SW1020: FS				
Installation Works		93	16-Jun-25	03-Oct-25	23-May-24	25-Nov-24							
SW1080	Laying of Signal Cable - the 1st Section	38	16-Jun-25	30-Jul-25	14-Aug-24	27-Sep-24			DS8480: FS, DS8580: FS, SW1030: SS				
SW1040	Install Cable Containments	43	23-Jun-25	12-Aug-25	23-May-24	13-Jul-24			DS6400: FS, DS6540: FS, SW1020: FS 6				
SW1060	Install CCTV Camera	71	30-Jun-25	20-Sep-25	06-Jul-24	27-Sep-24			DS4090: FS, DS6440: FS, SW1040: SS 6, SW1930: SS				
SW1070	Install Detection Camera	71	30-Jun-25	20-Sep-25	06-Jul-24	27-Sep-24			DS4490: FS, DS6440: FS, DS7500: FS, SW1040: SS 6, SW1930: SS				
SW1110	Install Traffic Control Devices	71	30-Jun-25	20-Sep-25	30-May-24	22-Aug-24			DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS 6, SW1930: SS				
SW1130	Install VSLs on Gantry	14	10-Jul-25	25-Jul-25	02-Sep-24	17-Sep-24			SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS 14				
SW1140	Install PVMS on Gantry	14	10-Jul-25	25-Jul-25	04-Jul-24	19-Jul-24			SC1210: FF, EM1030: FS, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS 14				
SW1050	Install Equipment Racks	24	25-Jul-25	21-Aug-25	19-Jul-24	15-Aug-24			SW1140: SS 13, SW1030: FS				
SW1170	Install Manual Barriers	24	31-Jul-25	27-Aug-25	29-Oct-24	25-Nov-24			SW1130: FS, SW1140: SS 18				
SW1100	Install Server Equipment	36	22-Aug-25	03-Oct-25	16-Aug-24	27-Sep-24			DS4440: FS, DS4340: FS, SW1050: FS				
SW1120	Install Equipment in Kiosk C	12	22-Aug-25	04-Sep-25	13-Sep-24	27-Sep-24			DS4340: FS, DS4440: FS, SW1050: FS				
Portion 1 - South Apron Up to SUS		96	02-Jun-25	22-Sep-25	31-May-24	25-Nov-24							
SW1210	Inspect Civil Provisions & Submit Inspection Report	12	02-Jun-25	14-Jun-25	31-May-24	14-Jun-24			AC1000: SS				
SW1220	Rectify Civil Provision Defects by Others	18	16-Jun-25	07-Jul-25	15-Jun-24	06-Jul-24			SW1210: FS				
Installation Works		96	02-Jun-25	22-Sep-25	18-Jul-24	25-Nov-24							
SW1350	Signal Cable Laying - the 2nd Section	54	02-Jun-25	04-Aug-25	21-Sep-24	25-Nov-24			SW1260: FS 33				
SW1230	Install Cable Containments - the 1st Section	48	08-Jul-25	01-Sep-25	18-Jul-24	11-Sep-24			SC2480: FF, DS6404: FS, DS6540: FS, SW1220: FS				
SW1250	Install Detection Cameras	24	22-Jul-25	18-Aug-25	07-Oct-24	04-Nov-24			DS4490: FS, DS6440: FS, DS7500: FS, SW1230: SS 12, SW2000: SS 12				
SW1240	Install CCTV Camera	24	26-Aug-25	22-Sep-25	07-Oct-24	04-Nov-24			SC1470: FF, DS4090: FS, DS6440: FS, SW1230: SS 42				
Portion 2 - Tunnel Section, Service Gallery, WVB & EVB		450	02-Jun-25	30-Oct-25	20-Jul-24	28-Apr-25	01-Apr-24						
Tunnel Section		219	02-Jun-25	30-Oct-25	31-Jul-24	28-Apr-25	25-Feb-25						
Tunnel Section - LSCC to CP7		62	02-Jun-25	30-Oct-25	19-Aug-24	07-Apr-25	24-Mar-25						
SW3080	Inspect Civil Provisions & Submit Inspection Report	3	02-Jun-25	04-Jun-25	20-Sep-24	23-Sep-24			AC1010a: SS				
SW3090	Rectify Civil Provision Defects by Others	6	05-Jun-25	11-Jun-25	24-Sep-24	30-Sep-24			SW3080: FS				
East Bound		62	02-Jun-25	30-Oct-25	19-Aug-24	07-Apr-25	24-Mar-25						
SW2461	Signal Cable Laying and Termination (WVB to CP7) (CP Side)	12	02-Jun-25	30-Jul-25	26-Sep-24	25-Nov-24	24-Mar-25		SW1260: SS				
										Date	Revision	Checked	Approved
										31-May-25	Rev. 0	MY	



Remaining Work

Actual Work

Critical Activity

Milestone

Page 5 of 12

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										May 41	Jun 42	Jul 43	Aug 44
	SW2463 Install GOFS (WVB to CP7)	12	02-Jun-25	30-Jul-25	26-Sep-24	25-Nov-24	24-Mar-25		SW2461: SS				
	SW2990 Install CCTV Camera	19	02-Jun-25	30-Oct-25	25-Sep-24	26-Feb-25	15-May-25		AC1010g: SS				
	SW3000 Install Detection Camera	18	02-Jun-25	30-Oct-25	19-Aug-24	17-Jan-25	15-May-25		AC1010g: SS				
	SW3030 Install Traffic Control Devices	9	02-Jun-25	30-Oct-25	21-Sep-24	22-Feb-25	15-May-25		AC1010g: SS				
	SW2462 Signal Cable Laying and Termination (WVB to CP7) (NCP Side)	12	02-Jun-25	30-Jul-25	26-Sep-24	25-Nov-24	27-May-25		SW2461: SS				
	SW302( Install ET (Service Gallery)	5	02-Jun-25	06-Jun-25	18-Feb-25	22-Feb-25			AC1010i: SS				
	SW3050 Install PA in Service Gallery	19	02-Jun-25	23-Jun-25	15-Mar-25	07-Apr-25			AC1010i: SS				
	SW3060 Install PABX in Service Gallery	19	02-Jun-25	23-Jun-25	15-Mar-25	07-Apr-25			SW3050: SS, AC1010i: SS				
	SW3070 Install Radio System in Service Gallery	19	02-Jun-25	23-Jun-25	01-Feb-25	22-Feb-25			AC1010i: SS				
	SW2980 Install Cable Containment (CP Side)	9	12-Jun-25	21-Jun-25	02-Oct-24	12-Oct-24			SW3090: FS, AC1010f: SS				
	SW298( Install Cable Containment (NCP Side)	9	16-Jun-25	25-Jun-25	02-Oct-24	12-Oct-24			AC1010h: SS, AC1010h: SF				
	SW3010 Install SEC Camera	7	23-Jun-25	30-Jun-25	15-Mar-25	22-Mar-25			SW2980: FS				
	SW3040 Install VSLs (CP Side)	10	23-Jun-25	04-Jul-25	28-Jan-25	11-Feb-25			AC1010d: SS, SW2980: FS				
	SW3020 Install ET (Road Level)	5	26-Jun-25	02-Jul-25	18-Feb-25	22-Feb-25			SW2980a: FS, AC1010d: SS				
	SW3040( Install VSLs (NCP Side)	10	05-Jul-25	16-Jul-25	12-Feb-25	22-Feb-25			AC1010d: SS, SW3040: FS, SW2980a: FS				
West Bound		38	02-Jun-25	30-Oct-25	19-Aug-24	07-Apr-25	15-May-25						
	SW3110 Install CCTV Camera	19	02-Jun-25	30-Oct-25	25-Sep-24	26-Feb-25	15-May-25		AC1010c: SS				
	SW3120 Install Detection Camera	18	02-Jun-25	30-Oct-25	19-Aug-24	17-Jan-25	15-May-25		AC1010c: SS				
	SW3150 Install Traffic Control Devices	9	02-Jun-25	30-Oct-25	21-Sep-24	22-Feb-25	15-May-25		AC1010c: SS				
	SW310( Install Cable Containment (NCP Side)	9	02-Jun-25	11-Jun-25	02-Oct-24	12-Oct-24			AC1010b: SS				
	SW314( Install ET (Service Gallery)	5	02-Jun-25	06-Jun-25	18-Feb-25	22-Feb-25			AC1010e: SS				
	SW3170 Install PA in Service Gallery	19	02-Jun-25	23-Jun-25	15-Feb-25	08-Mar-25			AC1010e: SS				
	SW3180 Install PABX in Service Gallery	19	02-Jun-25	23-Jun-25	15-Mar-25	07-Apr-25			AC1010e: SS				
	SW3190 Install Radio System in Service Gallery	19	02-Jun-25	23-Jun-25	01-Feb-25	22-Feb-25			AC1010e: SS				
	SW3100 Install Cable Containment (CP Side)	9	12-Jun-25	21-Jun-25	02-Oct-24	12-Oct-24			AC1010a: SS, SW3090: FS				
	SW3140 Install ET (Road Level)	5	16-Jun-25	20-Jun-25	18-Feb-25	22-Feb-25			AC1010d: SS				
	SW3130 Install SEC Camera	7	23-Jun-25	30-Jun-25	15-Mar-25	22-Mar-25			SW3100: FS				
	SW3160 Install VSLs (CP Side)	10	23-Jun-25	04-Jul-25	28-Jan-25	11-Feb-25			SW3100: FS, AC1010d: SS				
	SW3160( Install VSLs (NCP Side)	10	05-Jul-25	16-Jul-25	12-Feb-25	22-Feb-25			SW3100a: FS, SW3160: FS, AC1010d: SS				
Tunnel Section - CP7 to CP11		175	02-Jun-25	30-Oct-25	06-Sep-24	22-Feb-25	31-Mar-25						
East Bound		175	02-Jun-25	30-Oct-25	06-Sep-24	22-Feb-25	31-Mar-25						
CP Side		103	02-Jun-25	30-Sep-25	08-Oct-24	22-Feb-25							
	SW2330 Install SEC Camera - CP7 to CP11	17	02-Jun-25	20-Jun-25	08-Oct-24	28-Oct-24			EM1130: FS, DS7410: FS, SW2300: FS, AC1050d: SS				
	SW2340 Install ET (Road Level) - CP7 to CP11	16	02-Jun-25	19-Jun-25	21-Oct-24	07-Nov-24			DS4190: FS, DS6080: FS, DS6480: FS, AC1050i: SS				
	SW2360 Install VSLs - CP7 to CP11	13	16-Jun-25	30-Jun-25	12-Nov-24	26-Nov-24			SW2300: FS, DS2810: FS, EM1650: FS, DS8250: FS, AC1050g: SS, SW2330: SS 12				
	SW2330 SEC Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	71	10-Jul-25	30-Sep-25	15-Nov-24	21-Feb-25			SW2330: FS 15				
	SW234 ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	71	10-Jul-25	30-Sep-25	16-Nov-24	22-Feb-25			SW2340: FS 7, SW2330a: SS				
	SW236 VSLs - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	71	10-Jul-25	30-Sep-25	16-Nov-24	22-Feb-25			SW2360: SS 4, SW2330a: SS				
	SW4060 TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	71	10-Jul-25	30-Sep-25	15-Nov-24	21-Feb-25			SW2360: SS, SW4060: SS, SW2340d: SS, SW2330a: SS				
OHVD		161	02-Jun-25	13-Oct-25	06-Sep-24	08-Jan-25	31-Mar-25						
	SW2310 Install CCTV Camera - CP7 to CP11	21					31-Mar-25	30-Apr-25	SW2510: FS 7, SC1470: FF, DS4090: FS, DS6440: FS, SW2300: FS, AC1050b: SS				
	SW2320 Install Detection Camera - CP7 to CP11	21					31-Mar-25	30-Apr-25	SW2310: SS, SC2120: FF, DS6440: FS, DS7500: FS, EM1530: FS, SW2300: FS, AC1050b: SS				
	SW408 Install LCX Bracket - CP7 to CP11	25	02-Jun-25	30-Jun-25	14-Sep-24	16-Oct-24			AC1050b: SS				
	SW231 CCTV - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	10-Jul-25	13-Oct-25	04-Oct-24	08-Jan-25			SW2310: FS, SW2340d: SS				





Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025					
										May 41	Jun 42	Jul 43	Aug 44		
West Bound	SW2320	Detection Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	10-Jul-25	13-Oct-25	06-Sep-24	11-Dec-24			SW2320: FS, SW2340d: SS					
	SW2350	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	10-Jul-25	13-Oct-25	30-Sep-24	04-Jan-25			SW2350: FS, SW2340d: SS					
	Service Gallery		94	10-Jul-25	30-Oct-25	06-Sep-24	22-Feb-25								
	SW2340	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	18	10-Jul-25	30-Jul-25	06-Sep-24	27-Sep-24			SW2340a: FS, SW2590a: FS 7, SW2480a: FS					
	SW234	ET - Physical Inspection - CP7 to CP21	25	31-Jul-25	28-Aug-25	11-Jan-25	22-Feb-25			SW2340d: FS					
	SW2390	Install LCX Bracket - CP7 to CP21	61	18-Aug-25	30-Oct-25	12-Nov-24	23-Jan-25			SW2310: SS, DS4390: FS, DS6520: FS, AC1050e: SS, SW2 340a: FS, SW2340d: FS 15					
	West Bound		175	02-Jun-25	30-Oct-25	06-Sep-24	22-Feb-25	31-Mar-25							
	CP Side		103	02-Jun-25	30-Sep-25	07-Sep-24	22-Feb-25								
	SW323	Install SEC Camera - CP7 to CP11	17	02-Jun-25	20-Jun-25	07-Sep-24	27-Sep-24			SW3200: FS, AC1050d: SS					
	SW324	Install ET (Road Level) - CP7 to CP11	16	16-Jun-25	04-Jul-25	18-Oct-24	05-Nov-24			AC1050j: SS 15					
SW3260	Install VSLS - CP7 to CP11	14	16-Jun-25	02-Jul-25	31-Oct-24	15-Nov-24			SW3200: FS, AC1050g: SS, SW3210: SS 16, SW3240: SS						
SW3230	SEC Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	71	10-Jul-25	30-Sep-25	18-Oct-24	10-Jan-25			SW3230: FS 15						
SW324	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	71	10-Jul-25	30-Sep-25	18-Oct-24	10-Jan-25			SW3240: SS, SW3230a: SS						
SW3260	VSLS - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	71	10-Jul-25	30-Sep-25	16-Nov-24	22-Feb-25			SW3260: SS, SW3260: FS, SW3230a: SS						
SW4100	TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	71	10-Jul-25	30-Sep-25	18-Oct-24	10-Jan-25			AC1050j: SS 2, SW4100: SS, SW2340d: SS						
OHVD		161	02-Jun-25	13-Oct-25	06-Sep-24	08-Jan-25	31-Mar-25								
SW3210	Install CCTV Camera - CP7 to CP11	21					31-Mar-25	30-Apr-25	AC1050b: SS, SW3200: FS, SW3250: SS 52						
SW3220	Install Detection Camera - CP7 to CP11	21					31-Mar-25	30-Apr-25	SW3250: SS 52, AC1050b: SS, SW3200: FS						
SW412	Install LCX Bracket - CP7 to CP11	25	02-Jun-25	30-Jun-25	14-Sep-24	16-Oct-24			AC1050b: SS, SW3250: FS						
SW321	CCTV - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	10-Jul-25	13-Oct-25	04-Oct-24	08-Jan-25			SW3210: SS, SW3220a: SS						
SW3220	Detection Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	10-Jul-25	13-Oct-25	06-Sep-24	11-Dec-24			SW3220: FS, SW2340d: SS						
SW3250	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	77	10-Jul-25	09-Oct-25	04-Oct-24	04-Jan-25			SW2460: SS 2, SW3250: SS, SW2340d: SS						
Service Gallery		94	10-Jul-25	30-Oct-25	30-Sep-24	22-Feb-25									
SW324	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	18	10-Jul-25	30-Jul-25	30-Sep-24	22-Oct-24			SW3240a: FS, SW2340d: SS						
SW324	ET - Physical Inspection & Functional Test - CP7 to CP21	25	31-Jul-25	28-Aug-25	11-Jan-25	22-Feb-25			SW3240d: FS						
SW3290	Install LCX Bracket - CP7 to CP21	61	18-Aug-25	30-Oct-25	09-Nov-24	21-Jan-25			AC1050h: SS, SW3270: FS, SW3250: FS, SW3240d: FS 15						
SW329	Cable Test & Install LCX Cable - CP7 to CP21	25	18-Aug-25	15-Sep-25	09-Nov-24	07-Dec-24			SW3290: SS						
SW329	Install RAD Feeder Cable - CP7 to CP21	25	18-Aug-25	15-Sep-25	09-Nov-24	07-Dec-24			SW3290a: SS						
Tunnel Section - CP11 to CP16		94	21-Jun-25	22-Aug-25	17-Oct-24	03-Mar-25	01-Apr-25								
East Bound		94	21-Jun-25	22-Aug-25	17-Oct-24	03-Mar-25	10-Apr-25								
CP Side		23	21-Jun-25	18-Jul-25	03-Jan-25	03-Mar-25									
SW416	Install SEC Camera - CP11 to CP16	17	21-Jun-25	11-Jul-25	12-Feb-25	03-Mar-25			SW2330: FS, AC1060d: SS						
SW2480	Install ET (Road Level) - CP11 to CP16	16	30-Jun-25	18-Jul-25	03-Jan-25	21-Jan-25			SC1720: FF, DS4190: FS, DS6080: FS, DS6480: FS, AC1060i: SS 15						
SW2420	Install VSLS - CP11 to CP16	12	02-Jul-25	15-Jul-25	10-Jan-25	23-Jan-25			SW2400: FS, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, AC1060g: SS, SW2360: FS						
OHVD		94	02-Jul-25	22-Aug-25	17-Oct-24	07-Dec-24	10-Apr-25								
SW2460	Install Traffic Control Devices - CP11 to CP16	23					10-Apr-25	29-May-25	SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FF, AC1060b: SS, SW2350: FS						

Activity ID		Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
											May 41	Jun 42	Jul 43	Aug 44
Tunnel Section - CP11 to CP18	SW2430	Install CCTV Camera - CP11 to CP16	23					02-May-25	29-May-25	SC1470: FF, DS4090: FS, DS6440: FS, AC1060b: SS, SW2310: FS	<div></div>			
	SW2450	Install Detection Camera - CP11 to CP16	23					02-May-25	16-May-25	SC2120: FF, DS6440: FS, DS7500: FS, EM1530: FS, AC1060b: SS, SW2320: FS, DS8980: FS	<div></div>			
	SW417	Install LCX Bracket - CP11 to CP18	45	02-Jul-25	22-Aug-25	17-Oct-24	07-Dec-24			SW4080: FS, AC1060b: SS		<div></div>		
	West Bound		94	21-Jun-25	22-Aug-25	17-Oct-24	03-Mar-25	01-Apr-25						
	CP Side		27	21-Jun-25	23-Jul-25	03-Jan-25	03-Mar-25							
	SW421	Install SEC Camera - CP11 to CP16	17	21-Jun-25	11-Jul-25	12-Feb-25	03-Mar-25			SW3230: FS, AC1060d: SS		<div></div>		
	SW3330	Install VSLS - CP11 to CP16	12	02-Jul-25	15-Jul-25	10-Jan-25	23-Jan-25			SW3300: SS 18, AC1060g: SS, SW3260: SS 13		<div></div>		
	SW336	Install ET (Road Level) - CP11 to CP16	16	05-Jul-25	23-Jul-25	03-Jan-25	21-Jan-25			SW3240: FS, AC1060i: SS 17		<div></div>		
	OHVD		94	02-Jul-25	22-Aug-25	17-Oct-24	07-Dec-24	01-Apr-25						
	SW3370	Install Traffic Control Devices - CP11 to CP16	22					01-Apr-25	29-May-25	SW3300: FS, AC1060b: SS, SW3250: FS	<div></div>			
	SW3310	Install CCTV Camera - CP11 to CP16	23					02-May-25	29-May-25	SW3300: FS, AC1060b: SS, SW3210: FS	<div></div>			
	SW3320	Install Detection Camera - CP11 to CP16	23					02-May-25	16-May-25	SW3300: FS, AC1060b: SS, SW3220: FS	<div></div>			
	SW422	Install LCX Bracket - CP11 to CP18	45	02-Jul-25	22-Aug-25	17-Oct-24	07-Dec-24			SW4120: FS, AC1060b: SS		<div></div>		
	Tunnel Section - CP16 to CP21			186	02-Jun-25	22-Sep-25	31-Jul-24	22-Mar-25	25-Feb-25					
	East Bound			186	02-Jun-25	22-Sep-25	31-Jul-24	22-Mar-25	25-Feb-25					
	CP Side			22	12-Jul-25	06-Aug-25	22-Jan-25	22-Mar-25						
	SW426	Install SEC Camera - CP16 to CP21	17	12-Jul-25	31-Jul-25	04-Mar-25	22-Mar-25			SW4160: FS, AC1070d: SS		<div></div>		
	SW2520	Install VSLS - CP16 to CP21	14	16-Jul-25	31-Jul-25	24-Jan-25	22-Feb-25			SW2510: SS 12, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, AC1070g: SS, SW2420: FS		<div></div>		
	SW2590	Install ET (Road Level) - CP16 to CP21	16	19-Jul-25	06-Aug-25	22-Jan-25	22-Feb-25			SC1720: FF, DS4190: FS, DS6080: FS, DS6480: FS, AC1070i: SS, SW2480: FS		<div></div>		
	OHVD			96	02-Jun-25	22-Sep-25	09-Dec-24	26-Feb-25	17-May-25					
	SW2580	Install Detection Camera - CP16 to CP21	23					17-May-25	30-May-25	SC2120: FF, DS6440: FS, DS7500: FS, EM1530: FS, AC1070b: SS, SW2450: FS	<div></div>			
	SW2540	Install Traffic Control Devices - CP16 to CP21	31	02-Jun-25	15-Jul-25	27-Dec-24	22-Feb-25	30-May-25		SW2510: FS, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, AC1070b: SS, SW2460: FS	<div></div>	<div></div>		
	SW2550	Install CCTV Camera - CP16 to CP21	23	02-Jun-25	26-Jun-25	18-Jan-25	26-Feb-25	30-May-25		SC1470: FF, DS4090: FS, DS6440: FS, AC1070b: SS, SW2430: FS	<div></div>	<div></div>		
	SW427	Install LCX Bracket - CP18 to CP21	26	23-Aug-25	22-Sep-25	09-Dec-24	09-Jan-25			SW4170: FS, AC1070b: SS			<div></div>	
	Service Gallery			17	02-Jun-25	30-Jun-25	31-Jul-24	08-Mar-25	25-Feb-25					
	SW2530	Install PA in Service Gallery - CP16 to CP21	17	02-Jun-25	30-Jun-25	08-Feb-25	08-Mar-25	25-Feb-25		SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1070e: SS	<div></div>	<div></div>		
	SW259	Install ET in Service Gallery - CP16 to CP21	17	02-Jun-25	30-Jun-25	31-Jul-24	28-Aug-24	26-Feb-25		AC1070e: SS	<div></div>	<div></div>		
	West Bound			186	02-Jun-25	22-Sep-25	09-Dec-24	22-Mar-25	26-Feb-25					
	CP Side			26	12-Jul-25	11-Aug-25	22-Jan-25	22-Mar-25						
	SW431	Install SEC Camera - CP16 to CP21	17	12-Jul-25	31-Jul-25	04-Mar-25	22-Mar-25			SW4210: FS, AC1070d: SS		<div></div>		
SW3440	Install VSLS - CP16 to CP21	14	16-Jul-25	31-Jul-25	24-Jan-25	22-Feb-25			SW3410: SS 12, AC1070g: SS, SW3330: FS		<div></div>			
SW347	Install ET (Road Level) - CP16 to CP21	16	24-Jul-25	11-Aug-25	22-Jan-25	22-Feb-25			AC1070i: SS, SW3360: FS		<div></div>			
OHVD			96	02-Jun-25	22-Sep-25	09-Dec-24	26-Feb-25	17-May-25						
SW343	Install Detection Camera - CP16 to CP21	23					17-May-25	30-May-25	AC1070b: SS, SW3320: FS	<div></div>	<div></div>			
SW342	Install CCTV Camera - CP16 to CP21	23	02-Jun-25	26-Jun-25	18-Jan-25	26-Feb-25	30-May-25		AC1070b: SS, SW3310: FS	<div></div>	<div></div>			



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										May 41	Jun 42	Jul 43	Aug 44
	SW3480	Install Traffic Control Devices - CP16 to CP21	31	02-Jun-25	15-Jul-25	27-Dec-24	22-Feb-25	30-May-25	SW3410: FS, AC1070b: SS, SW3370: FS				
	SW432	Install LCX Bracket - CP18 to CP21	26	23-Aug-25	22-Sep-25	09-Dec-24	09-Jan-25		SW4220: FS, AC1070b: SS				
	Service Gallery		17	02-Jun-25	30-Jun-25	11-Jan-25	08-Mar-25	26-Feb-25					
	SW345	Install PA in Service Gallery - CP16 to CP21	17	02-Jun-25	30-Jun-25	08-Feb-25	08-Mar-25	26-Feb-25	AC1070h: SS				
	SW347	Install ET in Service Gallery - CP16 to CP21	17	02-Jun-25	30-Jun-25	11-Jan-25	22-Feb-25	26-Feb-25	AC1070h: SS				
	Tunnel Section - CP21 to CP26		69	02-Jun-25	21-Aug-25	26-Aug-24	28-Apr-25						
	East Bound		69	02-Jun-25	21-Aug-25	06-Feb-25	07-Apr-25						
	East Bound - Tunnel Section - CP21 to CP24		15	02-Jun-25	18-Jun-25	06-Feb-25	07-Apr-25						
	SW398	Install PA in Service Gallery	15	02-Jun-25	18-Jun-25	20-Feb-25	08-Mar-25		AC1080j: SS				
	SW401	Install PABX in Service Gallery	15	02-Jun-25	18-Jun-25	20-Mar-25	07-Apr-25		AC1080j: SS				
	SW402	Install Radio System in Service Gallery	15	02-Jun-25	18-Jun-25	06-Feb-25	22-Feb-25		AC1080j: SS				
	SW404	Install ET (Service Gallery)	8	02-Jun-25	10-Jun-25	14-Feb-25	22-Feb-25		AC1080j: SS				
	East Bound - Tunnel Section - CP24 to CP26		20	30-Jul-25	21-Aug-25	13-Feb-25	07-Apr-25						
	SW2620	Install PA in Service Gallery	9	30-Jul-25	08-Aug-25	27-Feb-25	08-Mar-25		SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1080b: SS				
	SW2650	Install PABX in Service Gallery	9	30-Jul-25	08-Aug-25	27-Mar-25	07-Apr-25		SC1590: FF, DS4140: FS, DS6040: FS, DS6480: FS, AC1080b: SS				
	SW268	Install ET (Service Gallery)	4	30-Jul-25	02-Aug-25	19-Feb-25	22-Feb-25		AC1080b: SS				
	SW2660	Install Radio System in Service Gallery	9	12-Aug-25	21-Aug-25	13-Feb-25	22-Feb-25		SC1990: FF, DS4390: FS, DS6160: FS, DS6520: FS, AC1080b: SS				
	West Bound		62	02-Jun-25	13-Aug-25	26-Aug-24	28-Apr-25						
	SW3620	Inspect Civil Provisions & Submit Inspection Report	3	02-Jun-25	04-Jun-25	26-Aug-24	28-Aug-24		AC1080c: SS				
	SW3630	Rectify Civil Provision Defects by Others	6	05-Jun-25	11-Jun-25	29-Aug-24	04-Sep-24		SW3620: FS				
	West Bound - Tunnel Section - CP21 to CP24		43	02-Jun-25	22-Jul-25	05-Sep-24	07-Apr-25						
	SW354	Install PA in Service Gallery	15	02-Jun-25	18-Jun-25	20-Feb-25	08-Mar-25		AC1080e: SS				
	SW355	Install PABX in Service Gallery	15	02-Jun-25	18-Jun-25	20-Mar-25	07-Apr-25		AC1080e: SS				
	SW356	Install ET (Service Gallery)	8	02-Jun-25	10-Jun-25	14-Feb-25	22-Feb-25		AC1080e: SS				
	SW358	Install Radio System in Service Gallery	15	02-Jun-25	18-Jun-25	06-Feb-25	22-Feb-25		AC1080e: SS				
	SW350	Install Cable Containment (CP Side)	15	12-Jun-25	28-Jun-25	05-Sep-24	23-Sep-24		SW3630: FS				
	SW356	Install ET (Road Level)	8	16-Jun-25	24-Jun-25	14-Feb-25	22-Feb-25		AC1080i: SS				
	SW353	Install VSLs (CP Side)	11	26-Jun-25	09-Jul-25	25-Jan-25	10-Feb-25		SW3500: SS 12, AC1080h: SS				
	SW350	Install Cable Containment (NCP Side)	15	30-Jun-25	17-Jul-25	24-Sep-24	12-Oct-24		SW3500: FS				
	SW351	Install CCTV Camera	11	30-Jun-25	12-Jul-25	16-Oct-24	28-Oct-24		SW3500: FS				
	SW352	Install Detection Camera	11	30-Jun-25	12-Jul-25	16-Oct-24	28-Oct-24		SW3500: FS				
	SW359	Install SEC Camera	11	30-Jun-25	12-Jul-25	11-Mar-25	22-Mar-25		SW3500: FS				
	SW357	Install Traffic Control Devices	11	04-Jul-25	16-Jul-25	16-Oct-24	28-Oct-24		SW3500: SS 18, SW3500: FS				
	SW353	Install VSLs (NCP Side)	11	10-Jul-25	22-Jul-25	11-Feb-25	22-Feb-25		SW3530: FS, AC1080h: SS				
	West Bound - Tunnel Section - CP24 to CP26		62	02-Jun-25	13-Aug-25	20-Sep-24	28-Apr-25						
	SW364	Install Cable Containment (CP Side)	9	02-Jun-25	11-Jun-25	20-Sep-24	30-Sep-24		AC1080f: SS				
	SW368	Install PA in Service Gallery	9	02-Jun-25	11-Jun-25	27-Feb-25	08-Mar-25		AC1080g: SS				
	SW369	Install PABX in Service Gallery	9	02-Jun-25	11-Jun-25	27-Mar-25	07-Apr-25		AC1080g: SS				
	SW370	Install ET (Service Gallery)	4	02-Jun-25	05-Jun-25	19-Feb-25	22-Feb-25		AC1080g: SS				
	SW372	Install Radio System in Service Gallery	9	02-Jun-25	11-Jun-25	13-Feb-25	22-Feb-25		AC1080g: SS				
	SW364	Install Cable Containment (NCP Side)	9	12-Jun-25	21-Jun-25	02-Oct-24	12-Oct-24		SW3640: FS				
	SW365	Install CCTV Camera	7	12-Jun-25	19-Jun-25	21-Oct-24	28-Oct-24		SW3640: FS				
	SW366	Install Detection Camera	7	12-Jun-25	19-Jun-25	21-Oct-24	28-Oct-24		SW3640: FS				
	SW371	Install Traffic Control Devices	7	12-Jun-25	19-Jun-25	21-Oct-24	28-Oct-24		SW3640: FS				
	SW373	Install SEC Camera	7	12-Jun-25	19-Jun-25	15-Mar-25	22-Mar-25		SW3640: FS				
	SW367	Install VSLs (CP Side)	7	16-Jun-25	23-Jun-25	07-Feb-25	14-Feb-25		SW3640: SS 12				
	SW370	Install ET (Road Level)	4	23-Jun-25	26-Jun-25	19-Feb-25	22-Feb-25		SW3640a: FS				
	SW367	Install VSLs (NCP Side)	7	24-Jun-25	02-Jul-25	15-Feb-25	22-Feb-25		SW3640a: FS, SW3670: FS				



Page 11 of 12



Activity ID		Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
											May 41	Jun 42	Jul 43	Aug 44
	SW1800	Install Operation Facilities Equipment	14	05-Aug-25	20-Aug-25	23-Oct-24	07-Nov-24			SC2680: FF, DS6280: FS, SW1770: SS, EM1120: FS				
	SW1780	Install Manual Fallback Control Equipment	24	12-Aug-25	08-Sep-25	10-Oct-24	07-Nov-24			SC2240: FF, DS6240: FS, DS7370: FS, DS8310: FS, SW1770: SS 6, EM1110: FS				
	SW1810	Install Radio Equipment	12	21-Aug-25	03-Sep-25	10-Oct-24	24-Oct-24			SC1990: FF, DS4390: FS, DS6160: FS, DS6520: FS, SW1790: FS				
Portion 3 - CKL Branch Tunnel in TKO-LTT Site			99	02-Jun-25	25-Sep-25	23-Aug-24	19-Jun-25							
	SW1850	Inspect Civil Provisions & Submit Inspection Report	3	02-Jun-25	04-Jun-25	23-Aug-24	26-Aug-24			AC1020: SS				
	SW1860	Rectify Civil Provision Defects by Others	7	05-Jun-25	12-Jun-25	27-Aug-24	03-Sep-24			SW1850: FS				
Installation Works			68	13-Jun-25	01-Sep-25	04-Sep-24	22-Feb-25							
	SW1870	Install CCTV Camera	29	13-Jun-25	17-Jul-25	07-Oct-24	09-Nov-24			SC1470: FF, DS4090: FS, DS6440: FS, SW1860: FS				
	SW1880	Install Detection Camera	29	13-Jun-25	17-Jul-25	07-Oct-24	09-Nov-24			SC2120: FF, DS4490: FS, DS6440: FS, DS7500: FS, SW1860: FS				
	SW1890	Install Cable Containments	36	13-Jun-25	25-Jul-25	04-Sep-24	18-Oct-24			SC2480: FF, DS6404: FS, DS6540: FS, SW1860: FS				
	SW1900	Install Traffic Control Devices	24	30-Jun-25	28-Jul-25	29-Oct-24	25-Nov-24			SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW1870: SS 9, SW1880: SS 9, SW2220: SS 9				
	SW1910	Laying of Leaky Cable	36	10-Jul-25	20-Aug-25	09-Jan-25	22-Feb-25			SW1890: SS 6, SW1870: SS 22, SW1880: SS, SW1900: FF 6				
	SW1920	Signal Cable Laying	36	22-Jul-25	01-Sep-25	15-Oct-24	25-Nov-24			SW1890: SS 32, SW1900: FF, SW1870: SS 6, SW1880: SS 6				
Site Commissioning Test			15	12-Aug-25	28-Aug-25	27-Mar-25	02-May-25							
	TC1370	SCT of ET System	10	12-Aug-25	22-Aug-25	21-Apr-25	02-May-25			SC1750: FF, DS8960: FS, SW1920: SS 18, SW1910: SS 18, SW2250: SS 18, SW2240: SS 18				
	TC1380	SCT of Power Distribution System	15	12-Aug-25	28-Aug-25	27-Mar-25	14-Apr-25			SC2500: FF, SW1890: FS, SW1910: SS 28, SW2230: FS, SW2240: SS 24, DS9040: FS				
	TC1390	SCT of CCTV System	5	19-Aug-25	23-Aug-25	09-Apr-25	14-Apr-25			SC1500: FF, DS8940: FS, SW1870: FS, SW1920: SS 24, SW1910: SS 18, SW2220: FS, SW2250: SS 24, SW2240: SS 18				
Submit Site Commissioning Test Report			29	23-Aug-25	25-Sep-25	22-May-25	19-Jun-25							
	DS5160	Submit ET System SCT Test Report	24	23-Aug-25	19-Sep-25	22-May-25	19-Jun-25			TC1370: FS				
	DS5170	Submit CCTV System SCT Test Report	24	25-Aug-25	20-Sep-25	22-May-25	19-Jun-25			TC1390: FS				
	DS5190	Submit Power Distribution System SCT Test Report	24	29-Aug-25	25-Sep-25	22-May-25	19-Jun-25			TC1380: FS				

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**APPENDIX O**  
**WASTE GENERATED IN THE**  
**REPORTING MONTH**

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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 <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
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	1.653	0.000	0.000	1.653	0.000	0.000	0.000	0.000	0.000	0.000	0.060
April	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041
May	9.990	0.000	0.000	9.936	0.054	0.000	0.000	0.000	0.000	0.000	0.047
June											
Sub-total	11.650	0.000	0.007	11.589	0.054	0.000	0.000	0.000	0.000	0.000	0.251
July											
August											
September											
October											
November											
December											
Total	11.650	0.000	0.007	11.589	0.054	0.000	0.000	0.000	0.000	0.000	0.251

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 <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '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	0	0	0	0	0	0	0	0	0	0	0	0	0	0.84
Apr-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jun-25														
<b>Sub-total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.84</b>
Jul-25														
Aug-25														
Sep-25														
Oct-25														
Nov-25														
Dec-25														
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.84</b>

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.