


# Civil Engineering and Development Department

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

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

REMARKS:

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

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

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14 January 2026

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

Reference is made to the Environmental Team's submission of the Monthly EM&A Report for December 2025 (Version 1.0) certified by the ET Leader and provided to us via e-mail on 14 January 2026. 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

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**EXECUTIVE SUMMARY****Introduction**

1. This is the 70<sup>th</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 December 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**

<b>Contract No.</b>	<b>Project Title</b>	<b>Site Activities</b>
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>• SUS – E&amp;M works</li> <li>• LSCC – RC Structure</li> <li>• LSCC – Backfilling</li> <li>• EB – TBM Tunnelling</li> <li>• EB – TBM Dismantling</li> <li>• TSS – E&amp;M works</li> <li>• CP – Tympanum construction</li> <li>• CP – TBM excavation</li> <li>• CP – Drill and Break works</li> </ul>
ED/2020/03	Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	<ul style="list-style-type: none"> <li>• TCSS installation at WVB, T2 Gantry, Tunnel &amp; SUS</li> <li>• Installation of Radio Sub-System at WVB</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> <p><i>Waste Management</i></p> <ul style="list-style-type: none"> <li>• Avoid accumulation of construction and general waste.</li> </ul>
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	<p><i>Waste Management</i></p> <ul style="list-style-type: none"> <li>• Avoid accumulation of construction and general waste.</li> </ul>

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

4. Exceedance of Action/Limit levels during the reporting month (December 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	0	-	-	-
Notification of Summons and Prosecutions Received	0	-	-	-
Public Engagement Activities	0	-	-	-

**Reporting Changes**

5. No reporting change in this reporting month.

**Future Key Issues**

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

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

Contract No. and Project Title	Site Activities (January 2026)	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>• SUS – E&amp;M works</li> <li>• LSCC – RC Structure</li> <li>• LSCC – Backfilling</li> <li>• EB – TBM Tunnelling</li> <li>• EB – TBM Dismantling</li> <li>• TSS – E&amp;M works</li> <li>• CP – Tympanum construction</li> <li>• CP – TBM excavation</li> <li>• CP – Drill and Break works</li> </ul>	(A) / (B) / (C) / (D) / (E)
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	<ul style="list-style-type: none"> <li>• TCSS installation at T2 Gantry, WVB, Tunnel &amp; SUS</li> <li>• Installation of Radio Sub-System at WVB</li> </ul>	(E)

- (A) Dust generation from haul road, stockpile of dusty materials, exposed site area and excavation works;
- (B) Noisy construction activity such as breaking and drilling activities
- (C) Runoff from exposed slope or site area;
- (D) Wastewater and runoff discharge from site; and
- (E) Accumulation of construction and general waste.

### 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 December 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 70<sup>th</sup> Monthly EM&A Report which summarises the impact monitoring results and audit findings for the EM&A programme during the reporting period in December 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>• SUS – E&amp;M works</li> <li>• LSCC – RC Structure</li> <li>• LSCC – Backfilling</li> <li>• EB – TBM Tunnelling</li> <li>• EB – TBM Dismantling</li> <li>• TSS – E&amp;M works</li> <li>• CP – Tympanum construction</li> <li>• CP – TBM excavation</li> <li>• CP – Drill and Break works</li> </ul>
ED/2020/03	Trunk Road T2 – Traffic Control And Surveillance System (TCSS) and Associated Works	<ul style="list-style-type: none"> <li>• TCSS installation at WVB, T2 Gantry, Tunnel &amp; SUS</li> <li>• Installation of Radio Sub-System at WVB</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 December 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	
<b>Environmental Permit (EP)</b>				
N/A	EP-451/2013	19 Sep 2013	N/A	Valid
<b>Notification pursuant to Air Pollution (Construction Dust) Regulation</b>				
ED/2018/04	Ref. No.: 451120	20 Nov 2019	N/A	Valid
ED/2020/03	Ref. No.: 483143	15 Aug 2022	N/A	Valid
<b>Billing Account for Construction Waste Disposal</b>				
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
<b>Billing Account for Vessel Disposal</b>				
ED/2018/04	A/C No.: 7037747 (Application No.: CEDD01280)	26 Oct 2025	25 Jan 2026	Valid
<b>Construction Noise Permit</b>				
ED/2018/04	CNP No. (For Launching Shaft and Barging Point): GW-RE1156-25	26 Sep 2025	25 Mar 2026	Valid
	CNP No. (For Depressed Road and Supporting Area at Kai Tak): GW-RE1241-25	20 Oct 2025	19 Apr 2026	Valid
	CNP No. (For Shing Yau Street): GW-RE1236-25	20 Oct 2025	28 Feb 2026	Valid
<b>Wastewater Discharge License</b>				
ED/2018/04	WT00039117-2021 (For Site Office and Support Area)	28 Sep 2021	30 Sep 2026	Valid
	WT0001175-2023 (For Portion Q)	26 Sep 2023	30 Sep 2028	Valid

Contract No.	Permit / License No.	Valid Period		Status
		From	To	
	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/26-026	01 Oct 2025	31 Dec 2025	Valid

## 2. AIR QUALITY

### Monitoring Requirement

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

### Monitoring Locations

- 2.2 Five designated monitoring stations were selected for air quality monitoring programme. **Table 2.1** describes the air quality monitoring locations, which are also depicted in **Figure 2**.
- 2.3 The monitoring location at Kai Tak area has been reviewed and updated to obtain the data with higher representative based on several conditions, such as distance between monitoring location and the sensitive receiver, non-project related interference, obstruction to the construction works on site and the power supply problem. The monitoring location KTD1a and KER1b has been updated to KTD1 and KER1 respectively, where are the original location as proposed in the EM&A manual (AEIAR-174/2013). And the monitoring location KTD2c was remained unchanged after the aforementioned review. Monitoring location KTD2c was then further relocated to KTD2d after the review of status and location of monitoring station conducted in between February and March 2021.

**Table 2.1 Air Quality Monitoring Locations**

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

### Monitoring Parameters and Frequency

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

**Table 2.2 Frequency and Parameters of Air Quality Monitoring**

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

### Monitoring Equipment

- 2.5 High Volume Samplers (HVS) in compliance with the specification stipulated in the EM&A Manual (AEIAR-174/2013), Section 2.2.1.4, were used to carry out 24-hour TSP monitoring. Direct reading dust meter were also used to measure 1-hour average TSP levels. The 1-hour sampling was determined by HVS to check the validity and accuracy of the results measured by direct reading method.
- 2.6 Wind data monitoring equipment was set at rooftop (about 41/F) of Yau Lai Estate Bik Lai House, Lam Tin for logging wind speed and wind direction such that the wind sensors were clear of obstructions or turbulence caused by building. The wind data monitoring equipment was re-calibrated at least once every six months and the wind directions were divided into 16 sectors of 22.5 degrees each. Wind data is attached in **Appendix D**.
- 2.7 **Table 2.3** summarizes the equipment used for air quality monitoring. Copies of calibration certificates are attached in **Appendix C**.

**Table 2.3 Air Quality Monitoring Equipment**

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

### Monitoring Methodology

#### *1-hour TSP Monitoring*

##### Measuring Procedures

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

(Sibata Model No.: LD-3B/LD-5R)

- The 1-hour dust meter is placed at least 1.3 meters above ground.
- Set POWER to "ON" and make sure that the battery level was not flash or in low level.
- Allow the instrument to stand for about 3 minutes and then the cap of the air sampling inlet has been released.
- Push the knob at MEASURE position.

- Set time/mode setting to [BG] by pushing the time setting switch. Then, start the background measurement by pushing the start/stop switch once. It will take 6 sec. to complete the background measurement.
- Push the time setting switch to change the time setting display to [MANUAL] at the bottom left of the liquid crystal display. Finally, push the start/stop switch to stop the measuring after 1 hour sampling.
- Information such as sampling date, time, count value and site condition were recorded during the monitoring period.

#### Maintenance/Calibration

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

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

#### ***24-hour TSP Monitoring***

##### Instrumentation

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

2.11 The positioning of the HVS samplers are as follows:

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

Operating/analytical procedures for the operation of HVS

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

- Prior to the commencement of the dust sampling, the flow rate of the high-volume sampler was properly set (between 0.6 m<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 was made to ensure that the equipment and necessary power supply are in good working condition.
- High volume samplers were calibrated at bi-monthly intervals using TE-5025A Calibration Kit throughout all stages of the air quality monitoring.

## Results and Observations

- 2.14 Impact air quality monitoring was conducted at five monitoring stations as scheduled. The monitoring schedule is shown in **Appendix B**.
- 2.15 No Action Level nor Limit Level exceedance were recorded for 24-hour TSP monitoring in the reporting month. No exceedance of 24-hour TSP was considered as **project related** and no exceedance of 24-hour TSP was considered as **non-project related**. Details of the exceedance are presented in **Appendix M**.
- 2.16 The air temperature, relative humidity, and the precipitation data were obtained from daily extracts of Hong Kong Observatory Climate Information Service. This weather information for the reporting month is summarized in **Appendix D**.
- 2.17 The monitoring data and graphical presentations of 24-hour TSP monitoring results are shown in **Appendix F**.
- 2.18 According to field observations observed in the reporting period, the major dust source identified at the designated air quality monitoring stations are as follows:

**Table 2.4 Major Dust Source during Air Quality Monitoring**

Monitoring Stations	Major Dust Source
KTD 1 - Centre of Excellence in Paediatrics (Children's Hospital)	<ul style="list-style-type: none"> <li>Project related construction activities (i.e., Loading and unloading of C&amp;D wastes, excavating works);</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>Vehicle movement in the nearby site; and,</li> <li>Non-project related construction activities (i.e. excavating work at the nearby construction site)</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	<ul style="list-style-type: none"> <li>Road Traffic along Cha Kwo Ling Road</li> </ul>

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

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

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

Monitoring Stations	ASR ID	Predicted Maximum 24-hr TSP Concentration in EIA Report (AEIAR-174/2013), $\mu\text{g}/\text{m}^3$	Maximum 24-hr TSP Concentration in the Reporting Month (December 2025), $\mu\text{g}/\text{m}^3$
KTD 1 - Centre of Excellence in Paediatrics (Children's Hospital)	KTD3	126	62.7
KTD 2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	N/A <sup>(1)</sup>	N/A <sup>(1)</sup>	144.7
KER 1 – Future Residential Development at Kerry Godown	KTD6	169	99.6
CKL1 - Flat 121 Cha Kwo Ling Village	N/A <sup>(1)</sup>	N/A <sup>(1)</sup>	62.0
CKL2 - Flat 103 Cha Kwo Ling Village	N/A <sup>(1)</sup>	N/A <sup>(1)</sup>	122.4

Remarks:

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

2.20 In the reporting month, the 24-hour TSP concentration at KER1 and KTD1 were lower than the prediction in the EIA Report, AEIAR-174/2013 (as approved in 2013). No Action Level nor 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)	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. 580156, 620091, 620249, 620258)	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 Level and no 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>• Vehicle movement in the nearby site; and,</li> <li>• Non-project related construction activities (i.e. excavating work at the nearby construction site).</li> </ul>
KER 1	<ul style="list-style-type: none"> <li>• Road traffic along Kai Hing Road; and,</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 (December 2025), Leq (30min) dB(A)
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)	KTD1	74	73.9
KTD2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	N/A <sup>(1)</sup>	N/A <sup>(1)</sup>	64
KER1 – Future Residential Development at Kerry Godown	KER1	75	72
CKL1 - Flat 121 Cha Kwo Ling Village	CKL4	71	74
CKL2 - Flat 103 Cha Kwo Ling Village	CKL5	69	75

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 Level and no 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 04, 11, 18 & 24 December 2025 in the reporting month. Site inspection of the IEC was conducted on 18 December 2025. No non-compliances were observed during site audits.
- ED/2020/03 – Site audit was conducted on 04, 12, 18 & 24 December 2025 in the reporting month. Site inspection of the IEC was conducted on 12 December 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**

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

Parameters	Date	Observations and Recommendations	Follow-up
	27 Nov 2025	Chemical containers should be removed and stored in sealed area.	Chemical containers were removed.
<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*

- No Action Level nor Limit Level exceedance for 24-hour TSP monitoring was recorded in the reporting month.

#### *Construction Noise Monitoring*

- No Action and no 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 to 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 (November 2025) for ED/2018/04 and ED/2020/03	06 January 2026

## 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 (January 2026)	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>• SUS – E&amp;M works</li> <li>• LSCC – RC Structure</li> <li>• LSCC – Backfilling</li> <li>• EB – TBM Tunnelling</li> <li>• EB – TBM Dismantling</li> <li>• TSS – E&amp;M works</li> <li>• CP – Tympanum construction</li> <li>• CP – TBM excavation</li> <li>• CP – Drill and Break works</li> </ul>	<ul style="list-style-type: none"> <li>• Dust generation from haul road, stockpile of dusty materials, exposed site area and excavation works;</li> <li>• Noisy construction activity such as breaking and drilling activities</li> <li>• Runoff from exposed slope or site area;</li> <li>• Wastewater and runoff discharge from site; and</li> </ul>

Contract No. and Project Title	Site Activities (January 2026)	Key Environmental Issues
		<ul style="list-style-type: none"> <li>• Accumulation of construction and general waste.</li> </ul>
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	<ul style="list-style-type: none"> <li>• TCSS installation at T2 Gantry, WVB, Tunnel &amp; SUS</li> <li>• Installation of Radio Sub-System at WVB</li> </ul>	<ul style="list-style-type: none"> <li>• Accumulation of construction and general waste.</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 70<sup>th</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 Level nor 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 No 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 the chemical container to avoid potential chemical leakage.

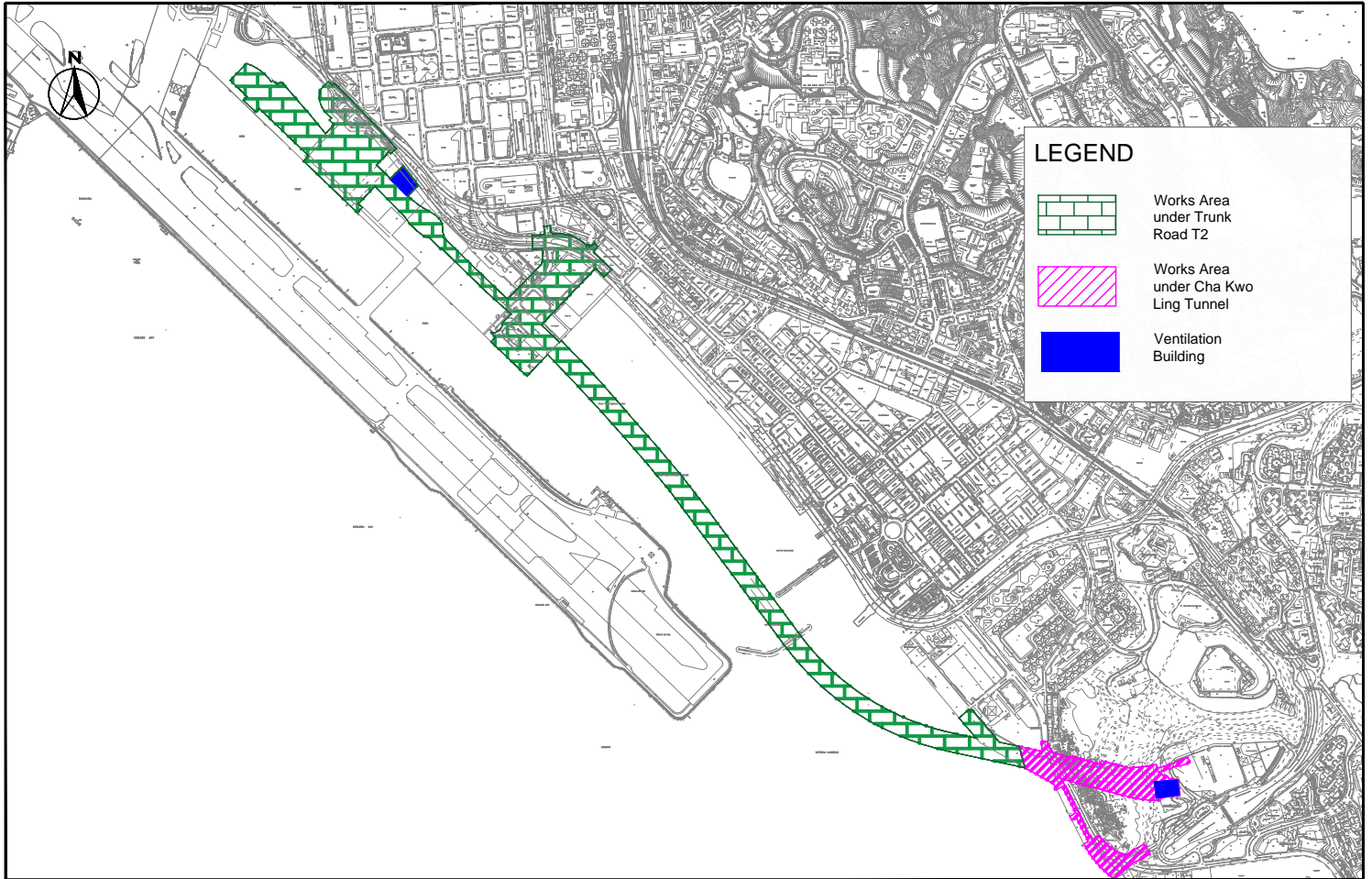
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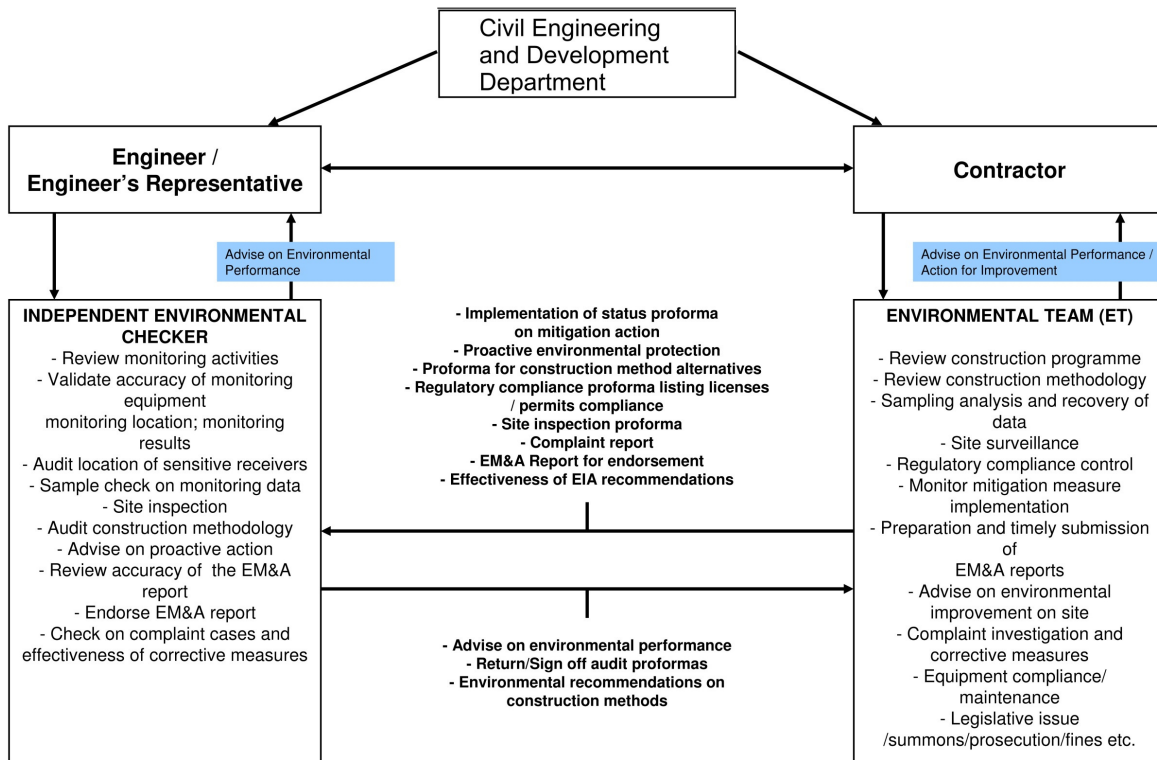
## FIGURES

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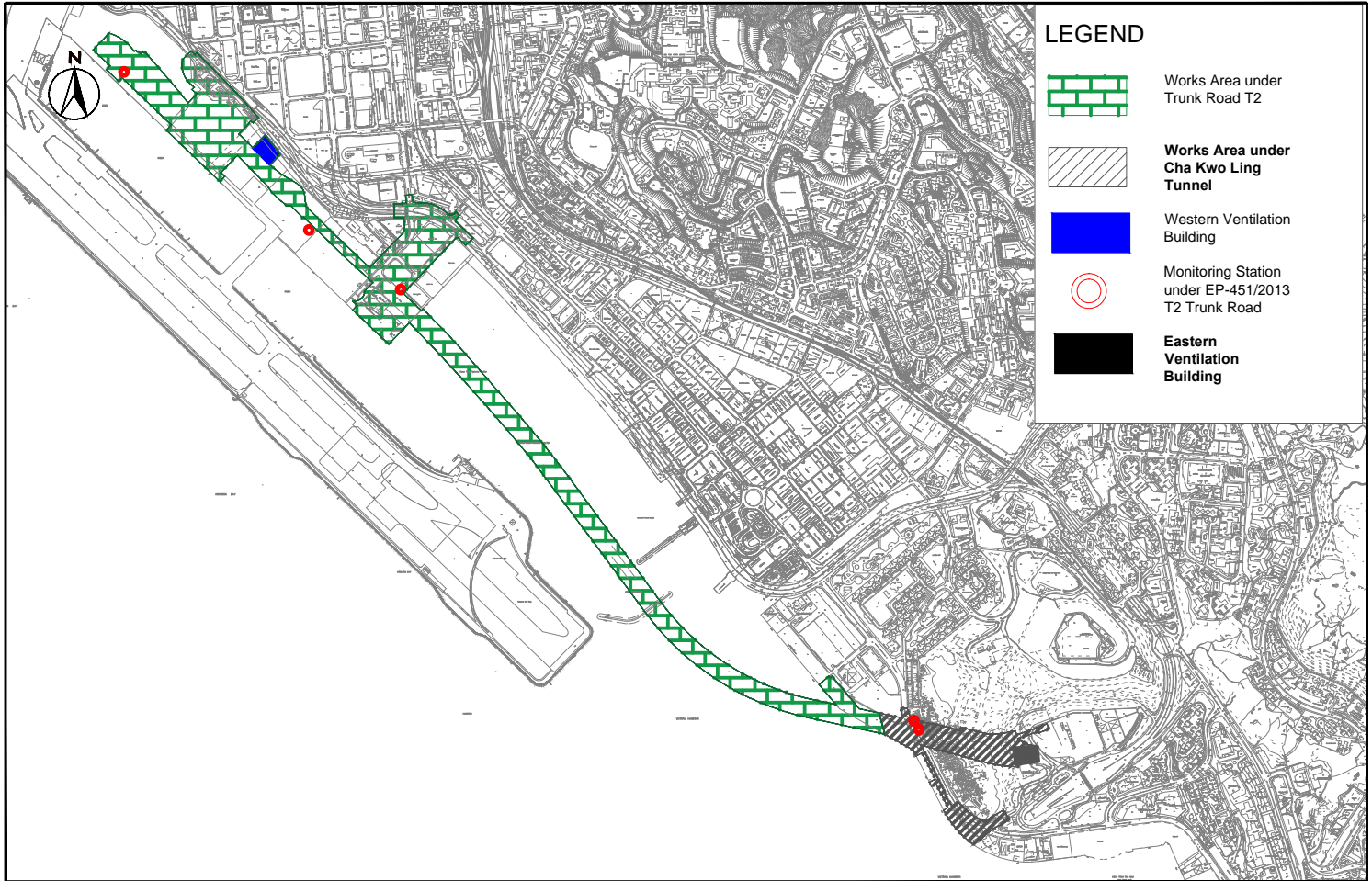


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CHECK	KC	DRAWN	TL
JOB NO.	MA20003	FIGURE NO.	Fig 1
		REV	-

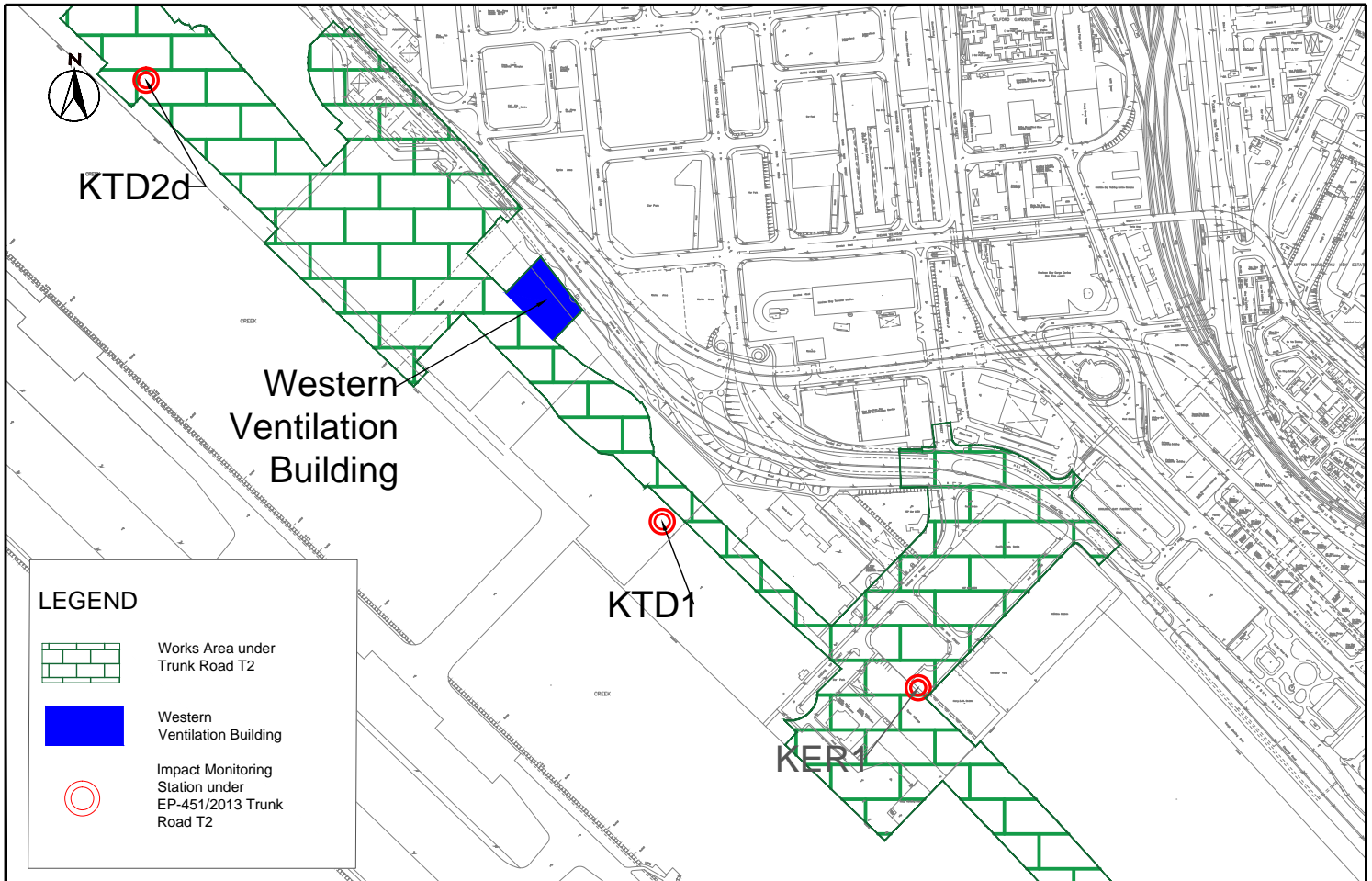


K:\13184 - Trunk Road T2\6-4\adm\k3\_schematic\13184\_03\_318\_00  
 PREPARED BY: K10298  
 17/12/2013




Drawing title			Original Size	Scale	Date
PROJECT ORGANISATION AND LINES OF COMMUNICATION			A3	N.T.S	18/JAN/2013
Rev.	Description	Date	File name		Rev.
			Drawing No. FIGURE 1.2		-



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



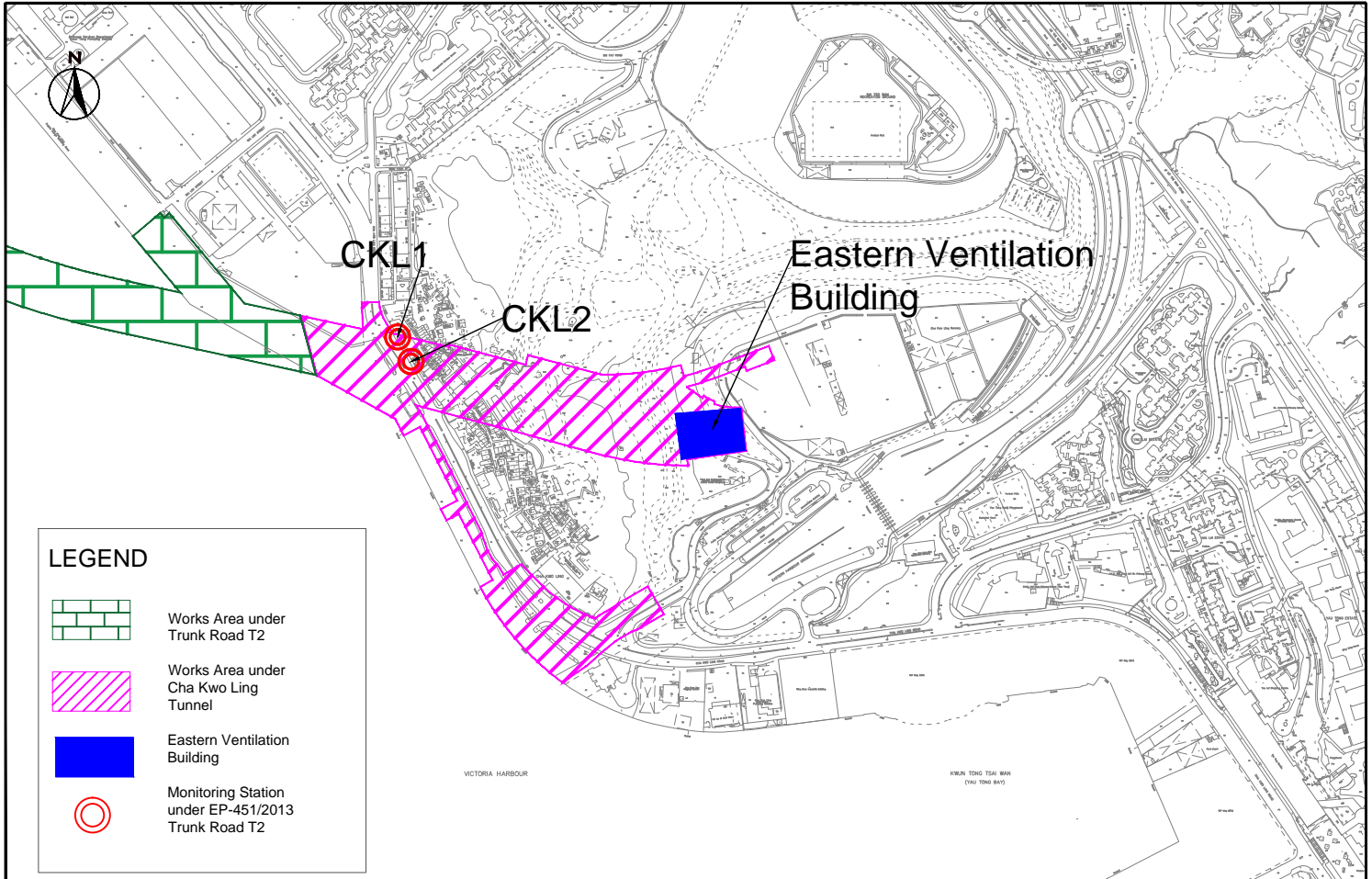
**LEGEND**

-  Works Area under Trunk Road T2
-  Western Ventilation Building
-  Impact Monitoring Station under EP-451/2013 Trunk Road T2



Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron  
**Monitoring Station at South Apron of Former Kai Tak Airport**

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



**LEGEND**



Works Area under Trunk Road T2



Works Area under Cha Kwo Ling Tunnel



Eastern Ventilation Building



Monitoring Station under EP-451/2013 Trunk Road T2

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

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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 (December 2025)**

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

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

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

**Air Quality Monitoring Station**

*24-hr TSP*

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

**Noise Monitoring Station**

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

**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 (January 2026)**

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

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**  
**Impact Air and Noise Monitoring Schedule (February 2026)**

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

The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)

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

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

**Air Quality Monitoring Station**

*24-hr TSP*

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

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

KER1 - Future Residential Development at Kerry Godown

CKL1 - Flat 121 Cha Kwo Ling Village

CKL2 - Flat 103 Cha Kwo Ling Village

**Noise Monitoring Station**

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

KER1 - Future Residential Development at Kerry Godown

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

CKL1 - Flat 121 Cha Kwo Ling Village

CKL2 - Flat 103 Cha Kwo Ling Village

**Contract No. ED/2018/04**  
**Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron**  
**Impact Air and Noise Monitoring Schedule (March 2026)**

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

The schedule may be changed due to unforeseen circumstances (adverse weather, safety concerns, etc.)

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

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

**Air Quality Monitoring Station**

*24-hr TSP*

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

**Noise Monitoring Station**

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

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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-Aug-2025  
 Next Due Date: 17-Feb-2026

### 1. Performance check of Wind Speed

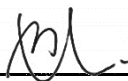
Wind Speed, m/s		Difference D (m/s)
Wind Speed Reading (V1)	Anemometer Value (V2)	$D = V1 - V2$
0.0	0.0	0.0
1.5	1.5	0.0
2.5	2.4	0.1
4.0	3.9	0.1

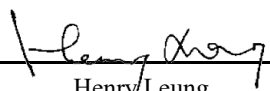
### 2. Performance check of Wind Direction

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			
Cal. Date: January 7, 2025	Rootsmeter S/N: 438320	Ta: 293	°K
Operator: Jim Tisch		Pa: 759.0	mm Hg
Calibration Model #: TE-5025A	Calibrator S/N: <b>3864</b>		

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4590	3.2	2.00
2	3	4	1	1.0360	6.4	4.00
3	5	6	1	0.9160	8.0	5.00
4	7	8	1	0.8800	8.8	5.50
5	9	10	1	0.7270	12.7	8.00

Data Tabulation					
Vstd (m3)	Qstd (x-axis)	$\sqrt{\Delta H \left( \frac{Pa}{Pstd} \right) \left( \frac{Tstd}{Ta} \right)}$ (y-axis)	Va	Qa (x-axis)	$\sqrt{\Delta H \left( Ta/Pa \right)}$ (y-axis)
1.0114	0.6932	1.4252	0.9958	0.6825	0.8787
1.0071	0.9721	2.0156	0.9916	0.9571	1.2427
1.0050	1.0971	2.2535	0.9895	1.0802	1.3893
1.0039	1.1408	2.3635	0.9884	1.1232	1.4572
0.9987	1.3737	2.8505	0.9833	1.3525	1.7574
<b>QSTD</b>	<b>m= 2.08969</b>		<b>QA</b>	<b>m= 1.30853</b>	
	<b>b= -0.02374</b>			<b>b= -0.01464</b>	
	<b>r= 0.99985</b>			<b>r= 0.99985</b>	

Calculations	
<b>Vstd=</b> ΔVol((Pa-ΔP)/Pstd)(Tstd/Ta)	<b>Va=</b> ΔVol((Pa-ΔP)/Pa)
<b>Qstd=</b> Vstd/ΔTime	<b>Qa=</b> Va/ΔTime
<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 $\left( \left( \sqrt{\Delta H \left( Ta/Pa \right)} \right) - b \right)$

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. MA20003/18/035

Project No. CKL 1 - Flat 121 Cha Kwo Ling Village  
 Date: 4-Nov-25 Next Due Date: 4-Jan-26 Operator: SK  
 Equipment No.: A-01-18 Model No.: TE 5170 Serial No. 0723

Ambient Condition			
Temperature, Ta (K)	<b>295.3</b>	Pressure, Pa (mmHg)	<b>762.5</b>

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

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	<b>13.3</b>	3.67	62.45	<b>8.8</b>	2.98
2	<b>10.4</b>	3.24	55.27	<b>7.1</b>	2.68
3	<b>8.1</b>	2.86	48.82	<b>5.2</b>	2.29
4	<b>6.2</b>	2.51	42.77	<b>3.6</b>	1.91
5	<b>3.4</b>	1.86	31.77	<b>1.4</b>	1.19

**By Linear Regression of Y on X**

Slope, mw = 0.0593 Intercept, bw = -0.6495  
 Correlation coefficient\* = 0.9968

\*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 =  $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$  3.57

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

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

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

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/55/035

Project No. CKL 2 - Flat 103 Cha Kwo Ling Village  
 Date: 4-Nov-25 Next Due Date: 4-Jan-26 Operator: SK  
 Equipment No.: A-01-55 Model No.: TE 5170 Serial No. 1956

Ambient Condition			
Temperature, Ta (K)	<b>295.3</b>	Pressure, Pa (mmHg)	<b>762.5</b>

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

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	<b>13.4</b>	3.68	62.68	<b>9.1</b>	3.04
2	<b>11.0</b>	3.34	56.83	<b>7.2</b>	2.70
3	<b>9.4</b>	3.08	52.57	<b>5.3</b>	2.32
4	<b>5.2</b>	2.29	39.20	<b>2.6</b>	1.62
5	<b>3.7</b>	1.94	33.13	<b>2.0</b>	1.42

**By Linear Regression of Y on X**

Slope, mw = 0.0554 Intercept, bw = -0.4900  
 Correlation coefficient\* = 0.9933

\*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 =  $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$  3.54

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

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

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

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/04/0033

Project No. KER 1 - Future Residential Development at Kerry Godown  
 Date: 11-Nov-25 Next Due Date: 11-Jan-26 Operator: SK  
 Equipment No.: A-01-04 Model No.: TE 5170 Serial No. 10595

Ambient Condition			
Temperature, Ta (K)	<b>296</b>	Pressure, Pa (mmHg)	<b>756.1</b>

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

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	<b>12.6</b>	3.55	60.47	<b>8.2</b>	2.87
2	<b>10.5</b>	3.24	55.24	<b>7.1</b>	2.67
3	<b>8.3</b>	2.88	49.16	<b>5.5</b>	2.35
4	<b>5.4</b>	2.33	39.73	<b>2.9</b>	1.70
5	<b>3.3</b>	1.82	31.14	<b>2.2</b>	1.48

**By Linear Regression of Y on X**

Slope, mw = 0.0503 Intercept, bw = -0.1575  
 Correlation coefficient\* = 0.9903

\*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 =  $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$  4.01

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

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

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

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/44/0032

Project No. KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)/AM7 – Hong Kong Children's Hospital  
 Date: 11-Nov-25 Next Due Date: 11-Jan-26 Operator: SK  
 Equipment No.: A-01-44 Model No.: TE-5170 Serial No. 1316

Ambient Condition			
Temperature, Ta (K)	<b>296</b>	Pressure, Pa (mmHg)	<b>756.1</b>

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

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	<b>13.2</b>	3.64	61.88	<b>9.3</b>	3.05
2	<b>11.4</b>	3.38	57.54	<b>7.1</b>	2.67
3	<b>9.5</b>	3.08	52.56	<b>5.7</b>	2.39
4	<b>6.2</b>	2.49	42.54	<b>3.7</b>	1.93
5	<b>3.4</b>	1.85	31.61	<b>1.8</b>	1.34

**By Linear Regression of Y on X**

Slope, mw = 0.0541 Intercept, bw = -0.3892  
 Correlation coefficient\* = 0.9952

\*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 =  $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$  3.75

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

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

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

# High-Volume TSP Sampler

## 5-POINT CALIBRATION DATA SHEET



File No. MA20003/41/0032

Project No. KTD 2D - Next to the SOR Office of Trunk Road T2 in Kai Tak Area  
 Date: 11-Nov-25 Next Due Date: 11-Jan-26 Operator: SK  
 Equipment No.: A-01-41 Model No.: TE 5170 Serial No. 5280

Ambient Condition			
Temperature, Ta (K)	<b>296</b>	Pressure, Pa (mmHg)	<b>756.1</b>

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

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	<b>13.7</b>	3.70	63.04	<b>9.2</b>	3.04
2	<b>11.4</b>	3.38	57.54	<b>8.4</b>	2.90
3	<b>9.8</b>	3.13	53.38	<b>6.1</b>	2.47
4	<b>7.2</b>	2.69	45.81	<b>4.5</b>	2.12
5	<b>4.4</b>	2.10	35.90	<b>2.3</b>	1.52

**By Linear Regression of Y on X**

Slope, mw = 0.0577 Intercept, bw : -0.5390  
 Correlation coefficient\* = 0.9922

\*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: \_\_\_\_\_  
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Conducted by: Wong Shing Kwai Signature:  Date: 11-Nov-25

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

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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-Dec-25	22.9	79	1.3
2-Dec-25	22.8	76	Trace
3-Dec-25	21.5	69	2.0
4-Dec-25	19.8	72	0.0
5-Dec-25	20.4	72	0.0
6-Dec-25	20.4	74	0.0
7-Dec-25	21.3	72	0.0
8-Dec-25	22.5	59	0.0
9-Dec-25	21.1	68	0.0
10-Dec-25	20.8	79	0.2
11-Dec-25	22.7	70	0.0
12-Dec-25	21.1	71	0.0
13-Dec-25	20.0	72	0.7
14-Dec-25	17.0	48	Trace
15-Dec-25	17.6	56	0.0
16-Dec-25	20.1	69	0.0
17-Dec-25	21.4	70	0.0
18-Dec-25	20.4	73	0.0
19-Dec-25	21.0	76	0.3
20-Dec-25	23.0	64	0.0
21-Dec-25	21.9	74	0.0
22-Dec-25	19.7	74	0.0
23-Dec-25	20.0	74	0.3
24-Dec-25	21.3	78	0.0
25-Dec-25	17.8	66	1.7
26-Dec-25	14.7	61	0.0
27-Dec-25	16.8	66	0.0
28-Dec-25	18.0	71	0.0
29-Dec-25	18.8	75	0.0
30-Dec-25	19.5	73	0.0
31-Dec-25	19.4	72	0.0

**(Reporting Month: December 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)

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
1 Dec 2025	12:00 AM	WSW	0.5
1 Dec 2025	1:00 AM	SW	0.5
1 Dec 2025	2:00 AM	NNW	0.6
1 Dec 2025	3:00 AM	WSW	0.6
1 Dec 2025	4:00 AM	W	0.5
1 Dec 2025	5:00 AM	NNW	0.5
1 Dec 2025	6:00 AM	NNW	0.6
1 Dec 2025	7:00 AM	WNW	0.6
1 Dec 2025	8:00 AM	NNW	0.6
1 Dec 2025	9:00 AM	NNW	0.6
1 Dec 2025	10:00 AM	SE	0.5
1 Dec 2025	11:00 AM	WNW	0.5
1 Dec 2025	12:00 PM	N	0.5
1 Dec 2025	1:00 PM	NNW	0.5
1 Dec 2025	2:00 PM	NNW	0.5
1 Dec 2025	3:00 PM	NNW	0.5
1 Dec 2025	4:00 PM	WSW	0.5
1 Dec 2025	5:00 PM	NNW	0.5
1 Dec 2025	6:00 PM	SW	0.5
1 Dec 2025	7:00 PM	NNW	0.5
1 Dec 2025	8:00 PM	NW	0.5
1 Dec 2025	9:00 PM	NNW	0.7
1 Dec 2025	10:00 PM	S	0.5
1 Dec 2025	11:00 PM	NNW	0.5
2 Dec 2025	12:00 AM	N	0.5
2 Dec 2025	1:00 AM	N	0.5
2 Dec 2025	2:00 AM	NNW	0.6
2 Dec 2025	3:00 AM	N	0.5
2 Dec 2025	4:00 AM	N	0.5
2 Dec 2025	5:00 AM	WNW	0.5
2 Dec 2025	6:00 AM	SSW	0.6
2 Dec 2025	7:00 AM	W	0.6
2 Dec 2025	8:00 AM	NW	0.5
2 Dec 2025	9:00 AM	NNW	0.5
2 Dec 2025	10:00 AM	WNW	0.5
2 Dec 2025	11:00 AM	N	0.5
2 Dec 2025	12:00 PM	N	0.5
2 Dec 2025	1:00 PM	N	0.5
2 Dec 2025	2:00 PM	ESE	0.5
2 Dec 2025	3:00 PM	WNW	0.5
2 Dec 2025	4:00 PM	W	0.6
2 Dec 2025	5:00 PM	NW	0.6
2 Dec 2025	6:00 PM	NW	0.5
2 Dec 2025	7:00 PM	NW	0.5
2 Dec 2025	8:00 PM	NW	0.5
2 Dec 2025	9:00 PM	NNW	0.6
2 Dec 2025	10:00 PM	NW	0.5
2 Dec 2025	11:00 PM	NNW	0.5
3 Dec 2025	12:00 AM	NW	0.5
3 Dec 2025	1:00 AM	S	0.6
3 Dec 2025	2:00 AM	NW	0.5
3 Dec 2025	3:00 AM	NW	0.5
3 Dec 2025	4:00 AM	NW	0.6
3 Dec 2025	5:00 AM	NNW	0.5
3 Dec 2025	6:00 AM	NW	0.5
3 Dec 2025	7:00 AM	WNW	0.5
3 Dec 2025	8:00 AM	NNW	0.5

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
3 Dec 2025	9:00 AM	NW	0.5
3 Dec 2025	10:00 AM	SW	0.5
3 Dec 2025	11:00 AM	NW	0.5
3 Dec 2025	12:00 PM	NNW	0.5
3 Dec 2025	1:00 PM	NNW	0.5
3 Dec 2025	2:00 PM	S	0.5
3 Dec 2025	3:00 PM	W	0.6
3 Dec 2025	4:00 PM	N	0.5
3 Dec 2025	5:00 PM	NNW	0.5
3 Dec 2025	6:00 PM	N	0.5
3 Dec 2025	7:00 PM	N	0.5
3 Dec 2025	8:00 PM	N	0.5
3 Dec 2025	9:00 PM	N	0.5
3 Dec 2025	10:00 PM	NNW	0.5
3 Dec 2025	11:00 PM	NNW	0.5
4 Dec 2025	12:00 AM	NNW	0.5
4 Dec 2025	1:00 AM	NNW	0.5
4 Dec 2025	2:00 AM	NNW	0.5
4 Dec 2025	3:00 AM	NNW	0.6
4 Dec 2025	4:00 AM	NNW	0.5
4 Dec 2025	5:00 AM	NNW	0.7
4 Dec 2025	6:00 AM	N	0.5
4 Dec 2025	7:00 AM	NNW	0.5
4 Dec 2025	8:00 AM	SE	0.5
4 Dec 2025	9:00 AM	WSW	0.6
4 Dec 2025	10:00 AM	NW	0.5
4 Dec 2025	11:00 AM	NW	0.5
4 Dec 2025	12:00 PM	W	0.5
4 Dec 2025	1:00 PM	N	0.5
4 Dec 2025	2:00 PM	NW	0.5
4 Dec 2025	3:00 PM	NW	0.5
4 Dec 2025	4:00 PM	NW	0.5
4 Dec 2025	5:00 PM	NW	0.5
4 Dec 2025	6:00 PM	NW	0.5
4 Dec 2025	7:00 PM	NW	0.5
4 Dec 2025	8:00 PM	W	0.5
4 Dec 2025	9:00 PM	W	0.5
4 Dec 2025	10:00 PM	W	0.5
4 Dec 2025	11:00 PM	W	0.5
5 Dec 2025	12:00 AM	W	0.5
5 Dec 2025	1:00 AM	SW	0.5
5 Dec 2025	2:00 AM	WNW	0.5
5 Dec 2025	3:00 AM	SSE	0.5
5 Dec 2025	4:00 AM	WSW	0.6
5 Dec 2025	5:00 AM	NW	0.5
5 Dec 2025	6:00 AM	WNW	0.6
5 Dec 2025	7:00 AM	N	0.5
5 Dec 2025	8:00 AM	SSW	0.7
5 Dec 2025	9:00 AM	SW	0.5
5 Dec 2025	10:00 AM	NNW	0.5
5 Dec 2025	11:00 AM	ESE	0.5
5 Dec 2025	12:00 PM	S	0.5
5 Dec 2025	1:00 PM	NE	0.5
5 Dec 2025	2:00 PM	SSE	0.5
5 Dec 2025	3:00 PM	SW	0.5
5 Dec 2025	4:00 PM	SSW	0.6
5 Dec 2025	5:00 PM	ESE	0.5

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
5 Dec 2025	6:00 PM	SW	0.8
5 Dec 2025	7:00 PM	SSW	0.5
5 Dec 2025	8:00 PM	ESE	0.7
5 Dec 2025	9:00 PM	SSW	0.7
5 Dec 2025	10:00 PM	SSW	0.5
5 Dec 2025	11:00 PM	SSE	0.5
6 Dec 2025	12:00 AM	N	0.5
6 Dec 2025	1:00 AM	S	0.5
6 Dec 2025	2:00 AM	SW	0.7
6 Dec 2025	3:00 AM	SSE	0.6
6 Dec 2025	4:00 AM	NNW	0.6
6 Dec 2025	5:00 AM	NNW	0.7
6 Dec 2025	6:00 AM	SSW	0.8
6 Dec 2025	7:00 AM	SE	0.5
6 Dec 2025	8:00 AM	SE	0.7
6 Dec 2025	9:00 AM	SE	0.7
6 Dec 2025	10:00 AM	SE	0.6
6 Dec 2025	11:00 AM	ESE	0.7
6 Dec 2025	12:00 PM	NE	0.7
6 Dec 2025	1:00 PM	SSW	0.5
6 Dec 2025	2:00 PM	WSW	0.5
6 Dec 2025	3:00 PM	WSW	0.5
6 Dec 2025	4:00 PM	WSW	0.7
6 Dec 2025	5:00 PM	NW	0.8
6 Dec 2025	6:00 PM	SSE	1.0
6 Dec 2025	7:00 PM	NE	0.5
6 Dec 2025	8:00 PM	ESE	0.7
6 Dec 2025	9:00 PM	SSE	0.7
6 Dec 2025	10:00 PM	E	0.7
6 Dec 2025	11:00 PM	SSE	0.6
7 Dec 2025	12:00 AM	W	0.6
7 Dec 2025	1:00 AM	NNW	0.5
7 Dec 2025	2:00 AM	ENE	0.9
7 Dec 2025	3:00 AM	ENE	0.7
7 Dec 2025	4:00 AM	SSW	0.6
7 Dec 2025	5:00 AM	W	0.6
7 Dec 2025	6:00 AM	W	0.6
7 Dec 2025	7:00 AM	WNW	0.7
7 Dec 2025	8:00 AM	SW	1.0
7 Dec 2025	9:00 AM	WSW	0.5
7 Dec 2025	10:00 AM	W	0.9
7 Dec 2025	11:00 AM	SE	0.9
7 Dec 2025	12:00 PM	SSE	0.6
7 Dec 2025	1:00 PM	SW	0.7
7 Dec 2025	2:00 PM	W	0.7
7 Dec 2025	3:00 PM	S	0.8
7 Dec 2025	4:00 PM	SSE	1.0
7 Dec 2025	5:00 PM	S	0.8
7 Dec 2025	6:00 PM	SW	1.0
7 Dec 2025	7:00 PM	SSE	0.8
7 Dec 2025	8:00 PM	WNW	0.7
7 Dec 2025	9:00 PM	ESE	0.7
7 Dec 2025	10:00 PM	S	1.0
7 Dec 2025	11:00 PM	SE	0.8
8 Dec 2025	12:00 AM	SE	0.7
8 Dec 2025	1:00 AM	S	0.5
8 Dec 2025	2:00 AM	WSW	0.5

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
8 Dec 2025	3:00 AM	SE	1.1
8 Dec 2025	4:00 AM	SW	0.9
8 Dec 2025	5:00 AM	SSW	0.9
8 Dec 2025	6:00 AM	SE	0.5
8 Dec 2025	7:00 AM	WSW	1.0
8 Dec 2025	8:00 AM	WSW	1.0
8 Dec 2025	9:00 AM	WNW	1.3
8 Dec 2025	10:00 AM	W	0.9
8 Dec 2025	11:00 AM	W	1.2
8 Dec 2025	12:00 PM	W	1.2
8 Dec 2025	1:00 PM	WSW	1.7
8 Dec 2025	2:00 PM	NW	0.6
8 Dec 2025	3:00 PM	WSW	0.7
8 Dec 2025	4:00 PM	S	1.1
8 Dec 2025	5:00 PM	S	0.7
8 Dec 2025	6:00 PM	W	0.9
8 Dec 2025	7:00 PM	WNW	1.0
8 Dec 2025	8:00 PM	SSE	1.3
8 Dec 2025	9:00 PM	SSW	1.3
8 Dec 2025	10:00 PM	W	1.0
8 Dec 2025	11:00 PM	WSW	1.4
9 Dec 2025	12:00 AM	SSW	1.0
9 Dec 2025	1:00 AM	WNW	1.0
9 Dec 2025	2:00 AM	SE	0.5
9 Dec 2025	3:00 AM	SSW	0.8
9 Dec 2025	4:00 AM	WNW	1.9
9 Dec 2025	5:00 AM	SSW	1.3
9 Dec 2025	6:00 AM	W	1.1
9 Dec 2025	7:00 AM	WNW	1.0
9 Dec 2025	8:00 AM	WNW	0.7
9 Dec 2025	9:00 AM	SW	0.8
9 Dec 2025	10:00 AM	WSW	1.1
9 Dec 2025	11:00 AM	S	0.6
9 Dec 2025	12:00 PM	SW	0.7
9 Dec 2025	1:00 PM	SSE	0.7
9 Dec 2025	2:00 PM	WSW	0.6
9 Dec 2025	3:00 PM	S	0.8
9 Dec 2025	4:00 PM	SE	0.7
9 Dec 2025	5:00 PM	W	0.6
9 Dec 2025	6:00 PM	NNW	0.5
9 Dec 2025	7:00 PM	W	0.5
9 Dec 2025	8:00 PM	WSW	0.6
9 Dec 2025	9:00 PM	NW	0.5
9 Dec 2025	10:00 PM	NNW	0.5
9 Dec 2025	11:00 PM	SE	0.5
10 Dec 2025	12:00 AM	W	0.5
10 Dec 2025	1:00 AM	WNW	0.5
10 Dec 2025	2:00 AM	NNW	0.5
10 Dec 2025	3:00 AM	NW	0.6
10 Dec 2025	4:00 AM	WNW	0.6
10 Dec 2025	5:00 AM	N	0.6
10 Dec 2025	6:00 AM	WNW	0.9
10 Dec 2025	7:00 AM	NNW	0.6
10 Dec 2025	8:00 AM	W	0.7
10 Dec 2025	9:00 AM	SSW	0.6
10 Dec 2025	10:00 AM	W	0.8
10 Dec 2025	11:00 AM	SSW	0.7

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
10 Dec 2025	12:00 PM	SSW	1.0
10 Dec 2025	1:00 PM	W	0.8
10 Dec 2025	2:00 PM	N	0.6
10 Dec 2025	3:00 PM	WNW	0.6
10 Dec 2025	4:00 PM	NW	0.7
10 Dec 2025	5:00 PM	WNW	0.7
10 Dec 2025	6:00 PM	NW	0.6
10 Dec 2025	7:00 PM	WNW	0.5
10 Dec 2025	8:00 PM	NNW	0.5
10 Dec 2025	9:00 PM	NNW	0.8
10 Dec 2025	10:00 PM	NNW	1.2
10 Dec 2025	11:00 PM	SSE	0.8
11 Dec 2025	12:00 AM	NNW	0.6
11 Dec 2025	1:00 AM	W	0.6
11 Dec 2025	2:00 AM	NNW	0.5
11 Dec 2025	3:00 AM	W	0.7
11 Dec 2025	4:00 AM	W	0.5
11 Dec 2025	5:00 AM	W	0.5
11 Dec 2025	6:00 AM	W	0.5
11 Dec 2025	7:00 AM	WNW	0.5
11 Dec 2025	8:00 AM	SW	0.5
11 Dec 2025	9:00 AM	W	0.5
11 Dec 2025	10:00 AM	W	0.5
11 Dec 2025	11:00 AM	NNW	0.5
11 Dec 2025	12:00 PM	NNW	0.5
11 Dec 2025	1:00 PM	S	0.5
11 Dec 2025	2:00 PM	NNW	0.5
11 Dec 2025	3:00 PM	NW	0.5
11 Dec 2025	4:00 PM	NW	0.5
11 Dec 2025	5:00 PM	N	0.5
11 Dec 2025	6:00 PM	SW	0.6
11 Dec 2025	7:00 PM	NNW	0.7
11 Dec 2025	8:00 PM	NNW	0.5
11 Dec 2025	9:00 PM	N	0.5
11 Dec 2025	10:00 PM	N	0.6
11 Dec 2025	11:00 PM	W	0.5
12 Dec 2025	12:00 AM	W	0.7
12 Dec 2025	1:00 AM	WNW	0.8
12 Dec 2025	2:00 AM	SSW	0.8
12 Dec 2025	3:00 AM	W	0.7
12 Dec 2025	4:00 AM	S	0.8
12 Dec 2025	5:00 AM	WSW	0.6
12 Dec 2025	6:00 AM	NW	0.5
12 Dec 2025	7:00 AM	NNW	0.7
12 Dec 2025	8:00 AM	SW	0.6
12 Dec 2025	9:00 AM	WNW	0.7
12 Dec 2025	10:00 AM	NNW	0.5
12 Dec 2025	11:00 AM	SW	0.5
12 Dec 2025	12:00 PM	W	0.7
12 Dec 2025	1:00 PM	WSW	0.5
12 Dec 2025	2:00 PM	W	0.5
12 Dec 2025	3:00 PM	SW	0.6
12 Dec 2025	4:00 PM	NNW	0.5
12 Dec 2025	5:00 PM	NNW	0.5
12 Dec 2025	6:00 PM	NNW	0.5
12 Dec 2025	7:00 PM	NNW	0.6
12 Dec 2025	8:00 PM	W	0.9

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
12 Dec 2025	9:00 PM	W	0.8
12 Dec 2025	10:00 PM	W	1.1
12 Dec 2025	11:00 PM	W	1.1
13 Dec 2025	12:00 AM	SSE	0.6
13 Dec 2025	1:00 AM	W	0.8
13 Dec 2025	2:00 AM	S	1.1
13 Dec 2025	3:00 AM	SSW	0.8
13 Dec 2025	4:00 AM	W	0.9
13 Dec 2025	5:00 AM	WSW	0.7
13 Dec 2025	6:00 AM	NW	0.9
13 Dec 2025	7:00 AM	W	0.8
13 Dec 2025	8:00 AM	SE	0.6
13 Dec 2025	9:00 AM	W	0.6
13 Dec 2025	10:00 AM	SW	0.6
13 Dec 2025	11:00 AM	SE	0.8
13 Dec 2025	12:00 PM	ESE	0.6
13 Dec 2025	1:00 PM	WSW	1.0
13 Dec 2025	2:00 PM	WSW	0.5
13 Dec 2025	3:00 PM	WNW	0.8
13 Dec 2025	4:00 PM	SE	0.7
13 Dec 2025	5:00 PM	NW	1.0
13 Dec 2025	6:00 PM	WNW	0.6
13 Dec 2025	7:00 PM	W	0.7
13 Dec 2025	8:00 PM	N	0.5
13 Dec 2025	9:00 PM	SSE	0.5
13 Dec 2025	10:00 PM	SW	0.5
13 Dec 2025	11:00 PM	NW	0.6
14 Dec 2025	12:00 AM	NNW	0.5
14 Dec 2025	1:00 AM	SSE	0.6
14 Dec 2025	2:00 AM	SSW	0.5
14 Dec 2025	3:00 AM	N	0.5
14 Dec 2025	4:00 AM	NW	0.6
14 Dec 2025	5:00 AM	NNW	0.6
14 Dec 2025	6:00 AM	NNW	0.7
14 Dec 2025	7:00 AM	W	0.6
14 Dec 2025	8:00 AM	NNE	0.5
14 Dec 2025	9:00 AM	W	0.9
14 Dec 2025	10:00 AM	WNW	0.6
14 Dec 2025	11:00 AM	W	0.9
14 Dec 2025	12:00 PM	SE	0.9
14 Dec 2025	1:00 PM	SE	0.6
14 Dec 2025	2:00 PM	WNW	0.8
14 Dec 2025	3:00 PM	WNW	0.9
14 Dec 2025	4:00 PM	NNW	0.6
14 Dec 2025	5:00 PM	NNW	0.6
14 Dec 2025	6:00 PM	NW	0.7
14 Dec 2025	7:00 PM	NW	0.6
14 Dec 2025	8:00 PM	NW	0.6
14 Dec 2025	9:00 PM	SSE	0.6
14 Dec 2025	10:00 PM	WSW	0.6
14 Dec 2025	11:00 PM	WNW	0.6
15 Dec 2025	12:00 AM	SSE	0.7
15 Dec 2025	1:00 AM	WSW	0.5
15 Dec 2025	2:00 AM	SE	0.8
15 Dec 2025	3:00 AM	SW	0.5
15 Dec 2025	4:00 AM	E	0.5
15 Dec 2025	5:00 AM	W	0.7

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
15 Dec 2025	6:00 AM	NE	0.5
15 Dec 2025	7:00 AM	SSW	0.8
15 Dec 2025	8:00 AM	SSW	0.7
15 Dec 2025	9:00 AM	W	0.7
15 Dec 2025	10:00 AM	NNW	0.5
15 Dec 2025	11:00 AM	SW	0.5
15 Dec 2025	12:00 PM	WNW	0.9
15 Dec 2025	1:00 PM	WNW	1.2
15 Dec 2025	2:00 PM	WSW	0.9
15 Dec 2025	3:00 PM	NW	0.9
15 Dec 2025	4:00 PM	WNW	0.7
15 Dec 2025	5:00 PM	NNW	0.6
15 Dec 2025	6:00 PM	ESE	1.1
15 Dec 2025	7:00 PM	SSE	0.8
15 Dec 2025	8:00 PM	SSW	0.5
15 Dec 2025	9:00 PM	WNW	0.5
15 Dec 2025	10:00 PM	WSW	0.8
15 Dec 2025	11:00 PM	NW	0.7
16 Dec 2025	12:00 AM	NW	1.0
16 Dec 2025	1:00 AM	NW	1.0
16 Dec 2025	2:00 AM	S	0.8
16 Dec 2025	3:00 AM	SW	1.1
16 Dec 2025	4:00 AM	SSW	0.8
16 Dec 2025	5:00 AM	NW	0.8
16 Dec 2025	6:00 AM	NW	1.1
16 Dec 2025	7:00 AM	WSW	1.2
16 Dec 2025	8:00 AM	SW	1.1
16 Dec 2025	9:00 AM	ESE	0.8
16 Dec 2025	10:00 AM	E	0.7
16 Dec 2025	11:00 AM	ESE	0.7
16 Dec 2025	12:00 PM	NE	0.7
16 Dec 2025	1:00 PM	W	1.1
16 Dec 2025	2:00 PM	W	0.9
16 Dec 2025	3:00 PM	SSW	1.0
16 Dec 2025	4:00 PM	NE	0.6
16 Dec 2025	5:00 PM	W	0.9
16 Dec 2025	6:00 PM	W	1.2
16 Dec 2025	7:00 PM	E	1.0
16 Dec 2025	8:00 PM	NNW	1.5
16 Dec 2025	9:00 PM	SW	1.3
16 Dec 2025	10:00 PM	SW	1.7
16 Dec 2025	11:00 PM	SW	1.4
17 Dec 2025	12:00 AM	WNW	1.1
17 Dec 2025	1:00 AM	WSW	0.6
17 Dec 2025	2:00 AM	SSE	0.7
17 Dec 2025	3:00 AM	SE	1.3
17 Dec 2025	4:00 AM	SW	1.1
17 Dec 2025	5:00 AM	SE	1.1
17 Dec 2025	6:00 AM	SSE	1.4
17 Dec 2025	7:00 AM	WSW	1.2
17 Dec 2025	8:00 AM	SW	1.1
17 Dec 2025	9:00 AM	SW	1.4
17 Dec 2025	10:00 AM	W	1.3
17 Dec 2025	11:00 AM	SW	1.3
17 Dec 2025	12:00 PM	W	1.1
17 Dec 2025	1:00 PM	SSE	1.1
17 Dec 2025	2:00 PM	S	1.6

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
17 Dec 2025	3:00 PM	SSE	1.2
17 Dec 2025	4:00 PM	WNW	1.2
17 Dec 2025	5:00 PM	WSW	1.6
17 Dec 2025	6:00 PM	NW	1.9
17 Dec 2025	7:00 PM	WSW	1.0
17 Dec 2025	8:00 PM	SW	1.1
17 Dec 2025	9:00 PM	W	1.5
17 Dec 2025	10:00 PM	WNW	1.0
17 Dec 2025	11:00 PM	W	1.1
18 Dec 2025	12:00 AM	WSW	0.9
18 Dec 2025	1:00 AM	SW	1.0
18 Dec 2025	2:00 AM	SSE	1.7
18 Dec 2025	3:00 AM	SW	1.2
18 Dec 2025	4:00 AM	SSW	1.0
18 Dec 2025	5:00 AM	ESE	1.0
18 Dec 2025	6:00 AM	NNW	1.3
18 Dec 2025	7:00 AM	WSW	0.9
18 Dec 2025	8:00 AM	SW	0.9
18 Dec 2025	9:00 AM	SW	1.1
18 Dec 2025	10:00 AM	SSE	1.1
18 Dec 2025	11:00 AM	SSE	0.9
18 Dec 2025	12:00 PM	SW	1.2
18 Dec 2025	1:00 PM	SW	1.0
18 Dec 2025	2:00 PM	S	0.8
18 Dec 2025	3:00 PM	E	0.9
18 Dec 2025	4:00 PM	SSW	1.1
18 Dec 2025	5:00 PM	SSE	1.1
18 Dec 2025	6:00 PM	WSW	1.0
18 Dec 2025	7:00 PM	W	1.4
18 Dec 2025	8:00 PM	SW	1.3
18 Dec 2025	9:00 PM	W	1.3
18 Dec 2025	10:00 PM	SSW	1.6
18 Dec 2025	11:00 PM	WSW	1.0
19 Dec 2025	12:00 AM	WSW	1.5
19 Dec 2025	1:00 AM	NW	1.4
19 Dec 2025	2:00 AM	SE	1.5
19 Dec 2025	3:00 AM	NW	1.7
19 Dec 2025	4:00 AM	WNW	1.2
19 Dec 2025	5:00 AM	SSE	1.5
19 Dec 2025	6:00 AM	WNW	1.2
19 Dec 2025	7:00 AM	SSW	1.1
19 Dec 2025	8:00 AM	ESE	1.0
19 Dec 2025	9:00 AM	SW	1.6
19 Dec 2025	10:00 AM	SW	0.9
19 Dec 2025	11:00 AM	S	1.1
19 Dec 2025	12:00 PM	SSE	1.4
19 Dec 2025	1:00 PM	WSW	1.6
19 Dec 2025	2:00 PM	WNW	1.0
19 Dec 2025	3:00 PM	SE	1.9
19 Dec 2025	4:00 PM	WNW	1.1
19 Dec 2025	5:00 PM	SW	1.7
19 Dec 2025	6:00 PM	SSW	1.5
19 Dec 2025	7:00 PM	WSW	1.0
19 Dec 2025	8:00 PM	W	1.2
19 Dec 2025	9:00 PM	S	1.1
19 Dec 2025	10:00 PM	S	1.1
19 Dec 2025	11:00 PM	S	1.1

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
20 Dec 2025	12:00 AM	S	1.1
20 Dec 2025	1:00 AM	S	1.0
20 Dec 2025	2:00 AM	WSW	0.9
20 Dec 2025	3:00 AM	WSW	1.3
20 Dec 2025	4:00 AM	W	0.9
20 Dec 2025	5:00 AM	SSW	0.9
20 Dec 2025	6:00 AM	S	1.1
20 Dec 2025	7:00 AM	SW	0.6
20 Dec 2025	8:00 AM	WSW	0.9
20 Dec 2025	9:00 AM	WSW	0.9
20 Dec 2025	10:00 AM	E	0.7
20 Dec 2025	11:00 AM	SE	1.0
20 Dec 2025	12:00 PM	ESE	1.3
20 Dec 2025	1:00 PM	SW	0.7
20 Dec 2025	2:00 PM	NW	1.0
20 Dec 2025	3:00 PM	WSW	1.3
20 Dec 2025	4:00 PM	SW	0.8
20 Dec 2025	5:00 PM	ESE	0.9
20 Dec 2025	6:00 PM	S	0.9
20 Dec 2025	7:00 PM	S	0.7
20 Dec 2025	8:00 PM	WNW	1.1
20 Dec 2025	9:00 PM	WNW	1.1
20 Dec 2025	10:00 PM	S	1.0
20 Dec 2025	11:00 PM	W	0.9
21 Dec 2025	12:00 AM	SW	1.1
21 Dec 2025	1:00 AM	WNW	0.5
21 Dec 2025	2:00 AM	S	1.0
21 Dec 2025	3:00 AM	SW	1.3
21 Dec 2025	4:00 AM	W	1.1
21 Dec 2025	5:00 AM	SSW	1.2
21 Dec 2025	6:00 AM	W	0.8
21 Dec 2025	7:00 AM	SW	1.1
21 Dec 2025	8:00 AM	NW	0.9
21 Dec 2025	9:00 AM	NW	0.6
21 Dec 2025	10:00 AM	WSW	0.7
21 Dec 2025	11:00 AM	WSW	0.8
21 Dec 2025	12:00 PM	ESE	1.2
21 Dec 2025	1:00 PM	SE	1.3
21 Dec 2025	2:00 PM	SSE	0.9
21 Dec 2025	3:00 PM	SW	1.0
21 Dec 2025	4:00 PM	WSW	0.9
21 Dec 2025	5:00 PM	SSE	0.7
21 Dec 2025	6:00 PM	WNW	0.6
21 Dec 2025	7:00 PM	W	0.9
21 Dec 2025	8:00 PM	W	0.8
21 Dec 2025	9:00 PM	WSW	0.6
21 Dec 2025	10:00 PM	SW	0.8
21 Dec 2025	11:00 PM	WNW	1.3
22 Dec 2025	12:00 AM	WNW	0.8
22 Dec 2025	1:00 AM	SW	1.1
22 Dec 2025	2:00 AM	W	0.9
22 Dec 2025	3:00 AM	NNW	0.7
22 Dec 2025	4:00 AM	NW	0.8
22 Dec 2025	5:00 AM	WNW	0.9
22 Dec 2025	6:00 AM	S	0.6
22 Dec 2025	7:00 AM	W	0.6
22 Dec 2025	8:00 AM	W	0.5

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
22 Dec 2025	9:00 AM	W	0.8
22 Dec 2025	10:00 AM	SW	0.8
22 Dec 2025	11:00 AM	NW	0.7
22 Dec 2025	12:00 PM	WSW	0.8
22 Dec 2025	1:00 PM	NNW	0.9
22 Dec 2025	2:00 PM	NNW	0.7
22 Dec 2025	3:00 PM	S	0.9
22 Dec 2025	4:00 PM	N	0.8
22 Dec 2025	5:00 PM	NW	0.8
22 Dec 2025	6:00 PM	N	0.5
22 Dec 2025	7:00 PM	NW	1.1
22 Dec 2025	8:00 PM	SSW	0.7
22 Dec 2025	9:00 PM	WNW	0.5
22 Dec 2025	10:00 PM	NW	0.5
22 Dec 2025	11:00 PM	NW	0.5
23 Dec 2025	12:00 AM	S	0.6
23 Dec 2025	1:00 AM	N	0.5
23 Dec 2025	2:00 AM	NNW	0.5
23 Dec 2025	3:00 AM	WNW	0.5
23 Dec 2025	4:00 AM	NNW	0.5
23 Dec 2025	5:00 AM	SSW	0.5
23 Dec 2025	6:00 AM	SSW	0.6
23 Dec 2025	7:00 AM	NE	0.6
23 Dec 2025	8:00 AM	SW	0.6
23 Dec 2025	9:00 AM	NNW	0.5
23 Dec 2025	10:00 AM	NNW	0.7
23 Dec 2025	11:00 AM	NNW	0.5
23 Dec 2025	12:00 PM	NNW	0.7
23 Dec 2025	1:00 PM	NNW	0.5
23 Dec 2025	2:00 PM	W	0.5
23 Dec 2025	3:00 PM	N	0.5
23 Dec 2025	4:00 PM	SSW	0.7
23 Dec 2025	5:00 PM	NE	0.5
23 Dec 2025	6:00 PM	NE	0.6
23 Dec 2025	7:00 PM	NNE	0.8
23 Dec 2025	8:00 PM	ESE	1.0
23 Dec 2025	9:00 PM	NE	0.5
23 Dec 2025	10:00 PM	S	0.5
23 Dec 2025	11:00 PM	W	0.5
24 Dec 2025	12:00 AM	WSW	0.5
24 Dec 2025	1:00 AM	S	0.5
24 Dec 2025	2:00 AM	SW	0.8
24 Dec 2025	3:00 AM	SE	0.5
24 Dec 2025	4:00 AM	W	0.5
24 Dec 2025	5:00 AM	NNW	0.8
24 Dec 2025	6:00 AM	WNW	0.5
24 Dec 2025	7:00 AM	SSW	0.5
24 Dec 2025	8:00 AM	E	0.5
24 Dec 2025	9:00 AM	NNW	0.5
24 Dec 2025	10:00 AM	W	0.5
24 Dec 2025	11:00 AM	NNW	0.5
24 Dec 2025	12:00 PM	WSW	0.7
24 Dec 2025	1:00 PM	NW	0.7
24 Dec 2025	2:00 PM	NNW	0.7
24 Dec 2025	3:00 PM	W	0.6
24 Dec 2025	4:00 PM	N	0.5
24 Dec 2025	5:00 PM	ESE	0.5

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
24 Dec 2025	6:00 PM	NNW	0.8
24 Dec 2025	7:00 PM	WSW	0.7
24 Dec 2025	8:00 PM	NW	1.2
24 Dec 2025	9:00 PM	N	0.5
24 Dec 2025	10:00 PM	WSW	0.9
24 Dec 2025	11:00 PM	SSW	0.7
25 Dec 2025	12:00 AM	NNW	0.9
25 Dec 2025	1:00 AM	WNW	0.7
25 Dec 2025	2:00 AM	NE	0.8
25 Dec 2025	3:00 AM	SSW	0.7
25 Dec 2025	4:00 AM	SSW	1.2
25 Dec 2025	5:00 AM	N	0.5
25 Dec 2025	6:00 AM	NNW	0.6
25 Dec 2025	7:00 AM	WSW	1.3
25 Dec 2025	8:00 AM	NE	0.6
25 Dec 2025	9:00 AM	NNW	0.6
25 Dec 2025	10:00 AM	NW	0.6
25 Dec 2025	11:00 AM	E	1.0
25 Dec 2025	12:00 PM	S	1.2
25 Dec 2025	1:00 PM	SSW	1.4
25 Dec 2025	2:00 PM	WSW	1.6
25 Dec 2025	3:00 PM	S	1.1
25 Dec 2025	4:00 PM	NNE	0.5
25 Dec 2025	5:00 PM	ESE	0.7
25 Dec 2025	6:00 PM	NNE	0.9
25 Dec 2025	7:00 PM	SE	0.7
25 Dec 2025	8:00 PM	WNW	1.3
25 Dec 2025	9:00 PM	NW	1.0
25 Dec 2025	10:00 PM	W	1.1
25 Dec 2025	11:00 PM	SSE	0.9
26 Dec 2025	12:00 AM	NNW	0.8
26 Dec 2025	1:00 AM	N	0.5
26 Dec 2025	2:00 AM	N	0.5
26 Dec 2025	3:00 AM	N	0.5
26 Dec 2025	4:00 AM	N	0.5
26 Dec 2025	5:00 AM	N	0.5
26 Dec 2025	6:00 AM	N	0.5
26 Dec 2025	7:00 AM	N	0.5
26 Dec 2025	8:00 AM	N	0.5
26 Dec 2025	9:00 AM	N	0.5
26 Dec 2025	10:00 AM	N	0.5
26 Dec 2025	11:00 AM	N	0.6
26 Dec 2025	12:00 PM	N	0.9
26 Dec 2025	1:00 PM	N	0.7
26 Dec 2025	2:00 PM	N	0.7
26 Dec 2025	3:00 PM	NNW	0.9
26 Dec 2025	4:00 PM	WNW	0.7
26 Dec 2025	5:00 PM	NE	0.5
26 Dec 2025	6:00 PM	ENE	0.5
26 Dec 2025	7:00 PM	ENE	0.5
26 Dec 2025	8:00 PM	N	0.5
26 Dec 2025	9:00 PM	N	0.5
26 Dec 2025	10:00 PM	SSW	0.5
26 Dec 2025	11:00 PM	E	0.5
27 Dec 2025	12:00 AM	SSW	0.7
27 Dec 2025	1:00 AM	SE	0.8
27 Dec 2025	2:00 AM	SSW	1.0

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
27 Dec 2025	3:00 AM	S	1.1
27 Dec 2025	4:00 AM	WNW	1.0
27 Dec 2025	5:00 AM	SW	1.2
27 Dec 2025	6:00 AM	WNW	0.8
27 Dec 2025	7:00 AM	WSW	0.7
27 Dec 2025	8:00 AM	WSW	1.1
27 Dec 2025	9:00 AM	S	0.6
27 Dec 2025	10:00 AM	WNW	0.7
27 Dec 2025	11:00 AM	NW	0.6
27 Dec 2025	12:00 PM	WNW	0.8
27 Dec 2025	1:00 PM	N	0.5
27 Dec 2025	2:00 PM	WNW	0.5
27 Dec 2025	3:00 PM	WNW	0.7
27 Dec 2025	4:00 PM	W	0.6
27 Dec 2025	5:00 PM	NW	0.6
27 Dec 2025	6:00 PM	NW	0.5
27 Dec 2025	7:00 PM	WNW	0.5
27 Dec 2025	8:00 PM	N	0.5
27 Dec 2025	9:00 PM	NNE	0.5
27 Dec 2025	10:00 PM	N	0.5
27 Dec 2025	11:00 PM	WNW	0.9
28 Dec 2025	12:00 AM	NNW	0.6
28 Dec 2025	1:00 AM	N	0.5
28 Dec 2025	2:00 AM	N	0.5
28 Dec 2025	3:00 AM	WNW	0.5
28 Dec 2025	4:00 AM	WNW	0.5
28 Dec 2025	5:00 AM	NW	0.6
28 Dec 2025	6:00 AM	S	0.5
28 Dec 2025	7:00 AM	W	0.6
28 Dec 2025	8:00 AM	SSE	0.5
28 Dec 2025	9:00 AM	WSW	0.5
28 Dec 2025	10:00 AM	W	0.5
28 Dec 2025	11:00 AM	W	0.5
28 Dec 2025	12:00 PM	NNW	0.5
28 Dec 2025	1:00 PM	W	0.9
28 Dec 2025	2:00 PM	SE	1.3

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
28 Dec 2025	3:00 PM	WNW	0.9
28 Dec 2025	4:00 PM	N	0.9
28 Dec 2025	5:00 PM	WNW	0.9
28 Dec 2025	6:00 PM	SW	1.1
28 Dec 2025	7:00 PM	SSW	1.0
28 Dec 2025	8:00 PM	SE	0.8
28 Dec 2025	9:00 PM	S	1.4
28 Dec 2025	10:00 PM	SSE	1.2
28 Dec 2025	11:00 PM	WSW	1.4
29 Dec 2025	12:00 AM	SE	1.2
29 Dec 2025	1:00 AM	ESE	1.5
29 Dec 2025	2:00 AM	SSE	1.4
29 Dec 2025	3:00 AM	SSE	1.2
29 Dec 2025	4:00 AM	W	1.1
29 Dec 2025	5:00 AM	ESE	1.0
29 Dec 2025	6:00 AM	E	0.9
29 Dec 2025	7:00 AM	SE	1.4
29 Dec 2025	8:00 AM	WSW	2.1
29 Dec 2025	9:00 AM	E	1.4
29 Dec 2025	10:00 AM	S	1.2
29 Dec 2025	11:00 AM	SW	1.6
29 Dec 2025	12:00 PM	SE	1.5
29 Dec 2025	1:00 PM	E	1.8
29 Dec 2025	2:00 PM	S	1.5
29 Dec 2025	3:00 PM	SSW	1.3
29 Dec 2025	4:00 PM	S	1.3
29 Dec 2025	5:00 PM	S	1.1
29 Dec 2025	6:00 PM	SW	1.4
29 Dec 2025	7:00 PM	SSW	1.4
29 Dec 2025	8:00 PM	SE	1.2
29 Dec 2025	9:00 PM	WSW	1.2
29 Dec 2025	10:00 PM	SE	1.1
29 Dec 2025	11:00 PM	SSW	1.8
30 Dec 2025	12:00 AM	SW	1.5
30 Dec 2025	1:00 AM	S	1.0
30 Dec 2025	2:00 AM	SSE	1.2
30 Dec 2025	3:00 AM	S	1.4
30 Dec 2025	4:00 AM	SW	1.3
30 Dec 2025	5:00 AM	SW	1.5
30 Dec 2025	6:00 AM	S	1.0
30 Dec 2025	7:00 AM	WSW	0.7
30 Dec 2025	8:00 AM	NW	1.1
30 Dec 2025	9:00 AM	S	1.6
30 Dec 2025	10:00 AM	SE	1.8
30 Dec 2025	11:00 AM	SE	1.4
30 Dec 2025	12:00 PM	E	1.2
30 Dec 2025	1:00 PM	SSE	1.1
30 Dec 2025	2:00 PM	ENE	0.7
30 Dec 2025	3:00 PM	WSW	1.3
30 Dec 2025	4:00 PM	ENE	0.8
30 Dec 2025	5:00 PM	NE	1.2
30 Dec 2025	6:00 PM	S	1.1
30 Dec 2025	7:00 PM	E	1.3
30 Dec 2025	8:00 PM	SSE	0.8
30 Dec 2025	9:00 PM	NNE	1.1
30 Dec 2025	10:00 PM	SE	0.9
30 Dec 2025	11:00 PM	WSW	1.2

Appendix D - Weather Conditions

December 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
31 Dec 2025	12:00 AM	SE	1.5
31 Dec 2025	1:00 AM	SSE	1.3
31 Dec 2025	2:00 AM	SW	0.8
31 Dec 2025	3:00 AM	ENE	1.3
31 Dec 2025	4:00 AM	SW	1.1
31 Dec 2025	5:00 AM	W	1.3
31 Dec 2025	6:00 AM	SSW	1.2
31 Dec 2025	7:00 AM	SSW	1.2
31 Dec 2025	8:00 AM	W	1.1
31 Dec 2025	9:00 AM	SSE	1.7
31 Dec 2025	10:00 AM	SSE	1.4
31 Dec 2025	11:00 AM	S	1.1
31 Dec 2025	12:00 PM	SSW	1.6
31 Dec 2025	1:00 PM	SSE	1.6
31 Dec 2025	2:00 PM	SSW	1.1
31 Dec 2025	3:00 PM	W	1.4
31 Dec 2025	4:00 PM	S	0.5
31 Dec 2025	5:00 PM	SSE	1.1
31 Dec 2025	6:00 PM	W	0.8
31 Dec 2025	7:00 PM	ESE	0.7
31 Dec 2025	8:00 PM	WNW	0.8
31 Dec 2025	9:00 PM	S	1.0
31 Dec 2025	10:00 PM	WNW	1.0
31 Dec 2025	11:00 PM	W	0.6

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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/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )
				Initial	Final		Initial	Final		Initial	Final					
4-Dec-25	Cloudy	293.1	767.0	2.8246	2.8687	0.0441	16137.3	16161.3	24.0	1.22	1.22	1.22	1761.7	25.0	191.0	260.0
10-Dec-25	Cloudy	294.8	764.7	2.7807	2.8621	0.0815	16161.3	16185.3	24.0	1.22	1.22	1.22	1756.0	46.4		
16-Dec-25	Sunny	293.8	765.8	2.8651	2.9742	0.1090	16185.3	16209.3	24.0	1.22	1.22	1.22	1759.1	62.0		
22-Dec-25	Cloudy	292.9	764.5	2.7808	2.8471	0.0663	16209.4	16233.4	24.0	1.22	1.22	1.22	1760.1	37.7		
27-Dec-25	Sunny	290.4	765.7	2.8290	2.8853	0.0563	16233.4	16257.4	24.0	1.23	1.23	1.23	1766.6	31.9		
													Min	25.0		
													Max	62.0		
													Average	40.6		

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

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

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m <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/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )
				Initial	Final		Initial	Final		Initial	Final					
4-Dec-25	Cloudy	293.1	767.0	2.7971	2.9193	0.1223	22728.1	22752.1	24.0	1.22	1.22	1.22	1762.4	69.4	183.0	260.0
10-Dec-25	Cloudy	294.8	764.7	2.8775	3.0308	0.1533	22752.1	22776.1	24.0	1.22	1.22	1.22	1756.4	87.3		
16-Dec-25	Sunny	293.8	765.8	2.7592	2.9746	0.2155	22776.1	22800.1	24.0	1.22	1.22	1.22	1759.7	122.4		
22-Dec-25	Cloudy	292.9	764.5	2.7853	2.8227	0.0375	22800.1	22824.1	24.0	1.22	1.22	1.22	1760.7	21.3		
27-Dec-25	Sunny	290.4	765.7	2.8297	3.0264	0.1966	22824.1	22848.1	24.0	1.23	1.23	1.23	1767.7	111.2		
													Min	21.3		
													Max	122.4		
													Average	82.3		

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

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

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m <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/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )
				Initial	Final		Initial	Final		Initial	Final					
4-Dec-25	Cloudy	293.1	767.0	2.8018	2.8931	0.0914	21508.6	21532.6	24.0	1.23	1.23	1.23	1770.8	51.6	177.0	260.0
10-Dec-25	Cloudy	294.8	764.7	2.7597	2.8354	0.0757	21532.6	21556.6	24.0	1.23	1.22	1.23	1764.5	42.9		
16-Dec-25	Sunny	293.8	765.8	2.7821	2.8929	0.1108	21556.6	21580.6	24.0	1.23	1.23	1.23	1768.0	62.7		
22-Dec-25	Cloudy	292.9	764.5	2.8077	2.9143	0.1067	21580.6	21604.6	24.0	1.23	1.23	1.23	1769.0	60.3		
27-Dec-25	Sunny	290.4	765.7	2.8129	2.8706	0.0577	21604.6	21628.6	24.0	1.23	1.23	1.23	1776.3	32.5		
													Min	32.5		
													Max	62.7		
													Average	50.0		

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

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

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m <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/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )
				Initial	Final		Initial	Final		Initial	Final					
4-Dec-25	Cloudy	293.1	767.0	2.7794	2.8679	0.0886	19364.6	19388.6	24.0	1.23	1.23	1.23	1771.0	50.0	172.0	260.0
10-Dec-25	Cloudy	294.8	764.7	2.7855	2.8628	0.0773	19388.6	19412.6	24.0	1.23	1.22	1.22	1764.0	43.8		
16-Dec-25	Sunny	293.8	765.8	2.7871	2.9631	0.1760	19412.6	19436.6	24.0	1.23	1.23	1.23	1767.9	99.6		
22-Dec-25	Cloudy	292.9	764.5	2.7913	2.9212	0.1299	19436.6	19460.6	24.0	1.23	1.23	1.23	1769.1	73.4		
27-Dec-25	Sunny	290.4	765.7	2.8245	2.8896	0.0651	19460.6	19484.6	24.0	1.24	1.23	1.23	1777.2	36.6		
													Min	36.6		
													Max	99.6		
													Average	60.7		

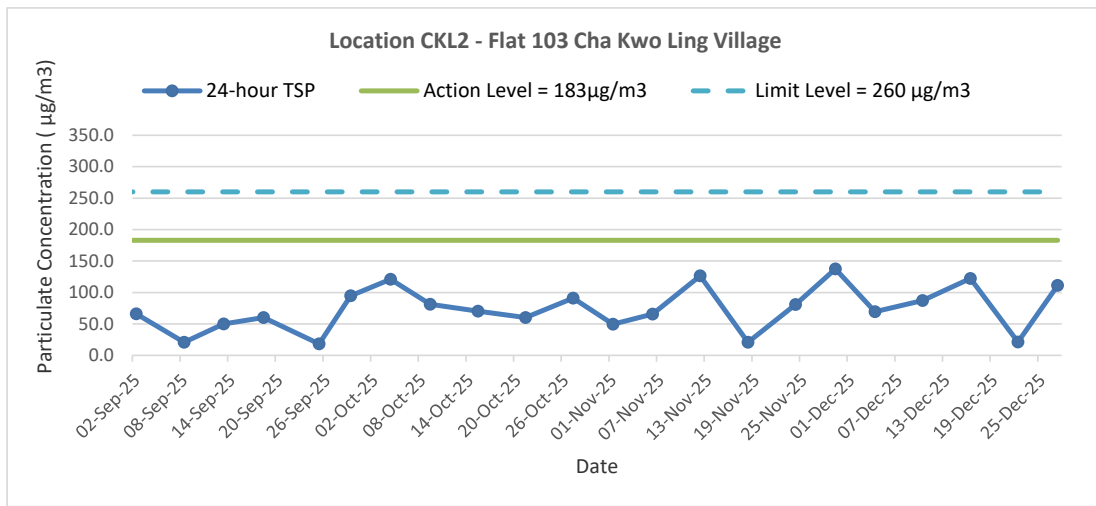
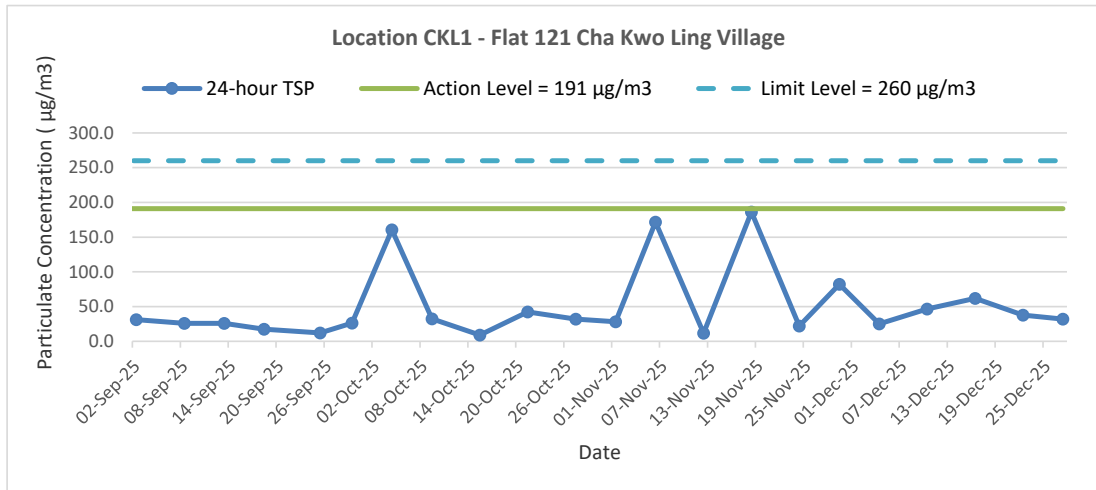
Note: ***Bold Italic*** means Action Level exceedance  
***Bold Italic with underline*** means Limit Level exceedance

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

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m <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/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )
				Initial	Final		Initial	Final		Initial	Final					
4-Dec-25	Cloudy	293.1	767.0	2.8060	2.9748	0.1688	20144.2	20168.2	24.0	1.23	1.23	1.23	1768.0	95.5	157.0	260.0
10-Dec-25	Cloudy	294.8	764.7	2.7758	2.8959	0.1201	20168.2	20192.2	24.0	1.23	1.22	1.22	1762.0	68.2		
16-Dec-25	Sunny	293.8	765.8	2.7994	2.8360	0.0366	20192.2	20216.2	24.0	1.23	1.22	1.23	1765.3	20.7		
22-Dec-25	Cloudy	292.9	764.5	2.7862	3.0417	0.2555	20216.2	20240.2	24.0	1.23	1.23	1.23	1766.3	144.7		
27-Dec-25	Sunny	290.4	765.7	2.7849	2.8899	0.1050	20240.2	20264.2	24.0	1.23	1.23	1.23	1773.2	59.2		
													Min	20.7		
													Max	144.7		
													Average	77.7		

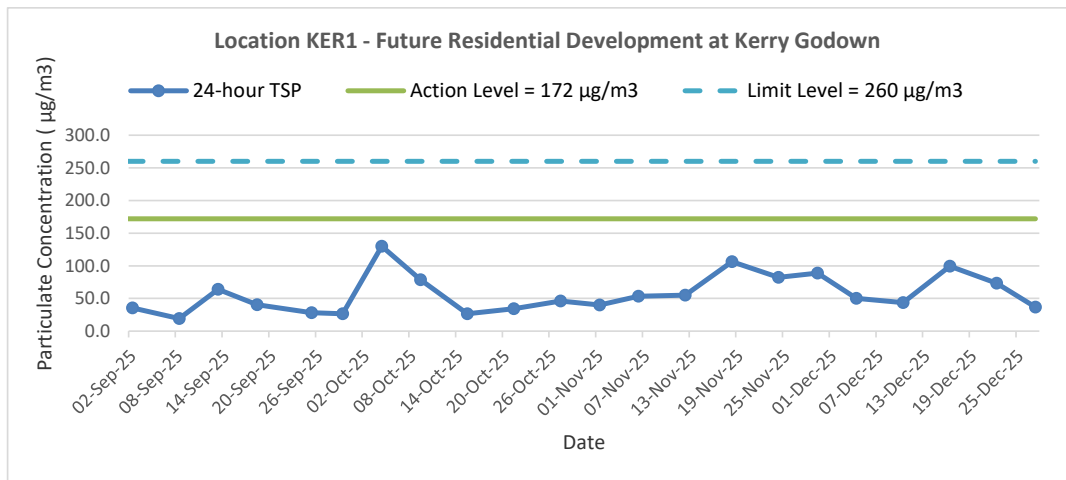
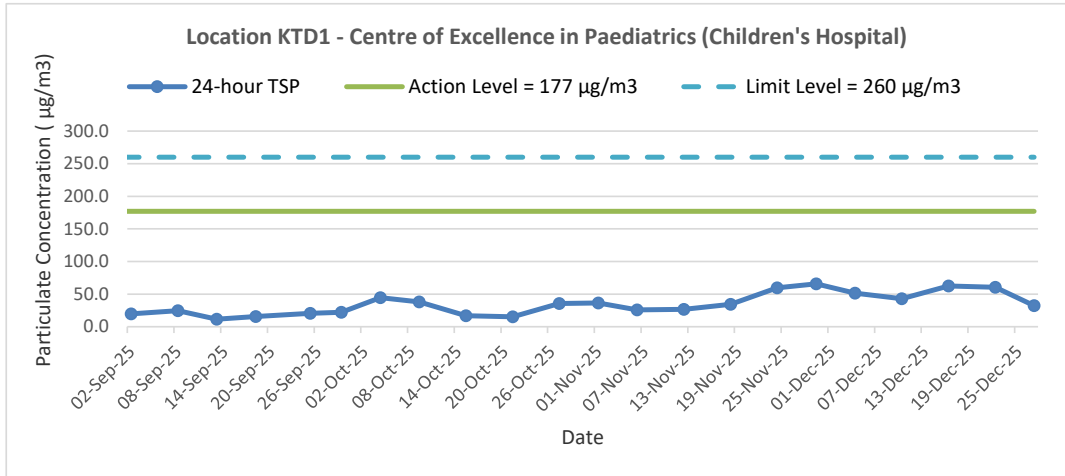
Note: ***Bold Italic*** means Action Level exceedance  
***Bold Italic with underline*** means Limit Level exceedance

### 24-hr TSP Concentration Levels



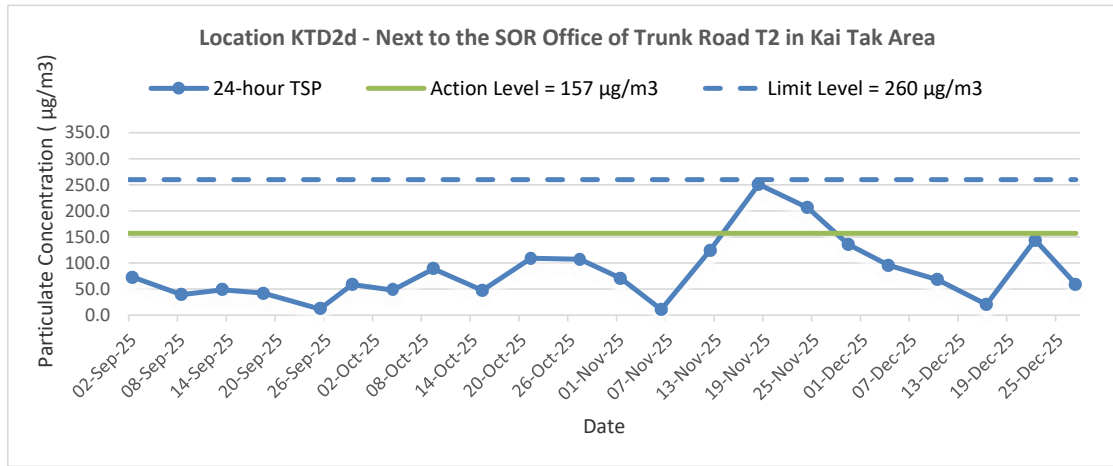
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Dec -25	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

### 24-hr TSP Concentration Levels



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

### 24-hr TSP Concentration Levels



Remark:(1) Due the Super Tropical Cyclone Signal Number 10 hoisted on 24/09/2025, the 24-hr TSP Monitoring was postponed to 25/09/2025.

Title Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron  Graphical Presentation of 24-hour TSP Monitoring Results	Date Dec -25	Project No. MA20003	CINOTECH
		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. : 01171  
Application No. : HP01000

Issue Date : 26 Jun 2025

### 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 : 26 Jun 2025

Test Period : 26 Jun 2025 to 26 Jun 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**

A handwritten signature in black ink, appearing to read 'Lee Wai Kit', is written over a horizontal line.

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. : 01171  
Application No. : HP01000

Issue Date : 26 Jun 2025

### 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.	580287
Microphone No.	570610
Equipment No.	N-12-05

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.3	+ 0.3	± 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. : 01209  
Application No. : HP01044

Issue Date : 06 Aug 2025

**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 : 01 Aug 2025

Test Period : 04 Aug 2025 to 04 Aug 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. : 01209  
Application No. : HP01044

Issue Date : 06 Aug 2025

### 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.	580287
Microphone No.	570610
Equipment No.	N-12-05

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.3	+ 0.3	± 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. : 01226  
Application No. : HP01058

Issue Date : 22 Aug 2025

### Certificate of Calibration

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

Sample Description : Submitted equipment stated to be Integrating Sound Level Meter.

Equipment No.: : N-12-06

Manufacturer: : BSWA Technology

Other information :

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

Date Received : 20 Aug 2025

Test Period : 21 Aug 2025 to 21 Aug 2025

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**

A handwritten signature in black ink, appearing to read 'Lee Wai Kit', is written over a horizontal line.

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. : 01226  
Application No. : HP01058

Issue Date : 22 Aug 2025

**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	94.2	+ 0.2	± 1.5
114.0	114.3	+ 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. : 01189  
Application No. : HP01011

Issue Date : 09 Jul 2025

### 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 : 08 Jul 2025

Test Period : 09 Jul 2025 to 09 Jul 2025

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**

A handwritten signature in black ink, appearing to be 'Lee Wai Kit', written over a horizontal line.

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. : 01189  
Application No. : HP01011

Issue Date : 09 Jul 2025

**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 -

## 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. : 01193  
Application No. : HP01028

Issue Date : 18 Jul 2025

### 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-12-10

Manufacturer: : BSWA Technology

Other information :

Model No.	BSWA 308
Serial No.	620249
Microphone No.	620753

Date Received : 16 Jul 2025

Test Period : 17 Jul 2025 to 17 Jul 2025

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**

A handwritten signature in black ink, appearing to be 'Lee Wai Kit', written over a horizontal line.

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. : 01193  
Application No. : HP01028

Issue Date : 18 Jul 2025

### 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 -

## 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. : 01192  
Application No. : HP01014

Issue Date : 09 Jul 2025

### 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-12-11

Manufacturer: : BSWA Technology

Other information :

Model No.	BSWA 308
Serial No.	620258
Microphone No.	620749

Date Received : 08 Jul 2025

Test Period : 09 Jul 2025 to 09 Jul 2025

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**

A handwritten signature in black ink, appearing to read 'Lee Wai Kit', is written over a horizontal line.

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. : 01192  
Application No. : HP01014

Issue Date : 09 Jul 2025

### **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 -

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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)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
1-Dec-25	16:46	Sunny	74.1	77.5	67.5	72.4	69
11-Dec-25	10:41	Sunny	74.6	78.4	63.7	72.4	71
17-Dec-25	16:11	Sunny	75.1	78.6	73.8	72.4	72
23-Dec-25	10:12	Sunny	76.3	80.4	64.0	72.4	74
29-Dec-25	10:55	Sunny	75.0	78.9	64.3	72.4	72

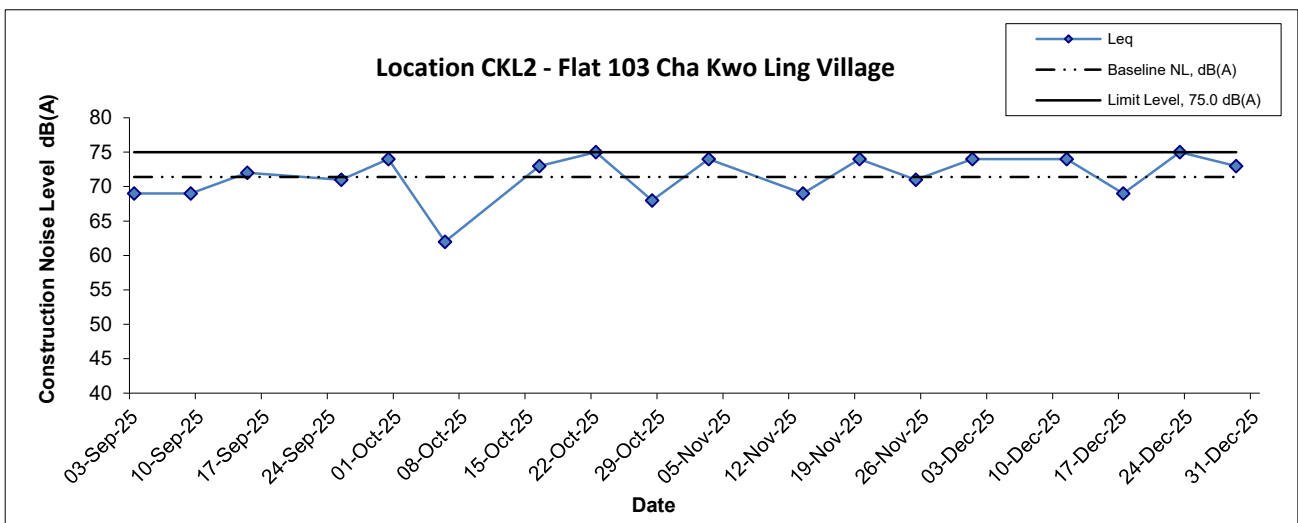
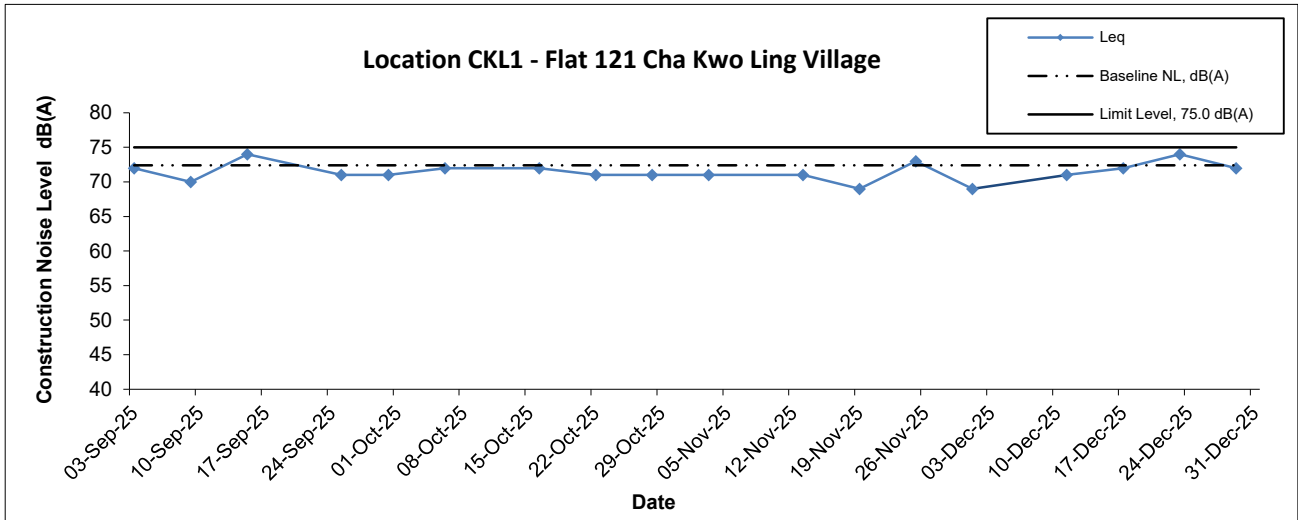
Location CKL2 - Flat 103 Cha Kwo Ling Village							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
1-Dec-25	17:11	Sunny	75.9	80.0	60.1	71.4	74
11-Dec-25	11:12	Sunny	75.9	79.7	62.6	71.4	74
17-Dec-25	10:15	Sunny	68.8	71.7	63.8	71.4	68.8 Measured $\leq$ Baseline
23-Dec-25	10:44	Drizzle	76.5	80.6	64.5	71.4	75
29-Dec-25	11:25	Sunny	75.4	79.0	63.1	71.4	73

Location KTD1 - Centre of Excellence in Paediatrics (Rooftop of Children's Hospital)							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
1-Dec-25	15:10	Sunny	65.7	66.7	64.3	78.0	65.7 Measured $\leq$ Baseline
11-Dec-25	14:01	Fine	69.0	70.6	67.1	78.0	69 Measured $\leq$ Baseline
17-Dec-25	11:27	Sunny	73.0	76.8	60.9	78.0	73 Measured $\leq$ Baseline
23-Dec-25	12:57	Cloudy	73.9	74.3	73.4	78.0	73.9 Measured $\leq$ Baseline
29-Dec-25	13:52	Sunny	69.6	71.5	67.3	78.0	69.6 Measured $\leq$ Baseline

Location KER1 - Future Residential Development at Kerry Godown							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
1-Dec-25	16:26	Sunny	66.3	68.8	60.8	65.0	60
11-Dec-25	13:06	Sunny	69.8	74.0	61.8	65.0	68
17-Dec-25	11:50	Sunny	72.7	73.7	70.7	65.0	72
23-Dec-25	11:27	Drizzle	68.9	73.6	60.3	65.0	67
29-Dec-25	12:54	Cloudy	71.6	75.3	65.7	65.0	71

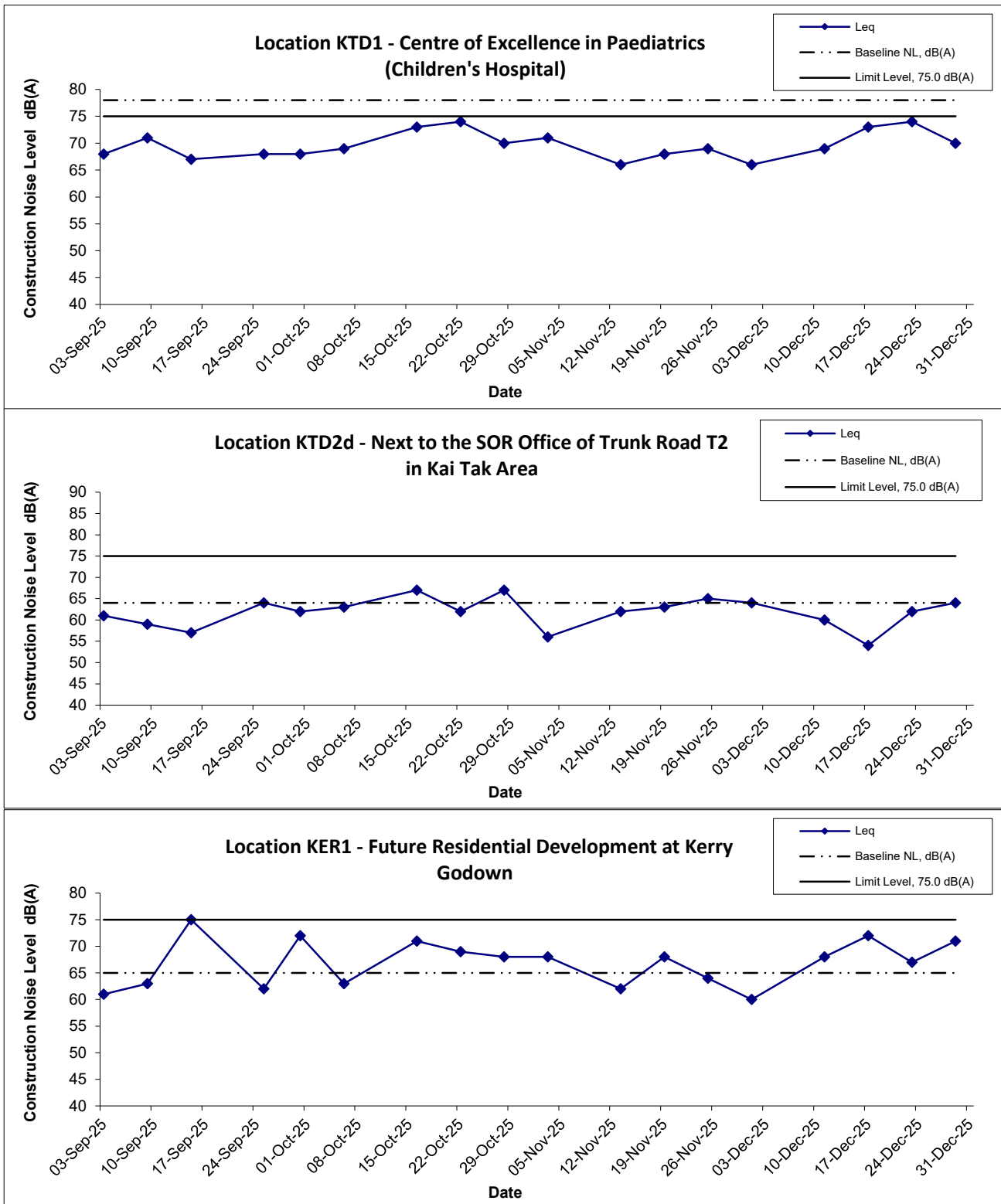
Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
1-Dec-25	14:30	Sunny	66.8	68.8	58.6	64.0	64
11-Dec-25	15:09	Sunny	65.6	68.9	56.0	64.0	60
17-Dec-25	13:04	Sunny	64.4	67.0	58.0	64.0	54
23-Dec-25	13:42	Cloudy	61.5	64.2	55.8	64.0	62 Measured $\leq$ Baseline
29-Dec-25	15:22	Cloudy	63.6	64.4	58.0	64.0	64 Measured $\leq$ Baseline

## Noise Levels



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

## Noise Levels



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

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

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**Weekly Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	251204
Date	04 December 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.:251127), all the items have been rectified.</li> </ul>	

	Name	Signature	Date
Recorded by	William Yeung		04 Dec 2025
Checked by	Karina Chan		08 Dec 2025



**Weekly Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	251211
Date	11 December 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.: 251204).</li> </ul>	

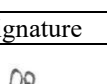
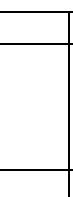
	Name	Signature	Date
Recorded by	William Yeung		11 Dec 2025
Checked by	Karina Chan		15 Dec 2025

**Weekly Site Inspection Record Summary  
Inspection Information**

Checklist Reference Number	251218
Date	18 December 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.: 251211).</li> </ul>	

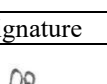
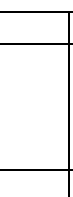
	Name	Signature	Date
Recorded by	William Yeung		18 Dec 2025
Checked by	Karina Chan		22 Dec 2025

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

Checklist Reference Number	251224
Date	24 December 2025 (Wednesday)
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.: 251218).</li> </ul>	

	Name	Signature	Date
Recorded by	William Yeung		24 Dec 2025
Checked by	Karina Chan		29 Dec 2025

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

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


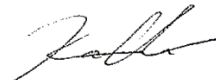
**Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	251204
Date	04 December 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.:251127), no major environmental deficiency was identified during site inspection.</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		04 Dec 2025
Checked by	Karina Chan		08 Dec 2025

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

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


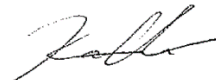
**Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	251212
Date	12 December 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.:251204), no major environmental deficiency was identified during site inspection.</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		12 Dec 2025
Checked by	Karina Chan		15 Dec 2025

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

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


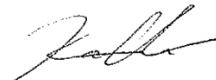
**Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	251218
Date	18 December 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.:251212), no major environmental deficiency was identified during site inspection.</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		18 Dec 2025
Checked by	Karina Chan		22 Dec 2025

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

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


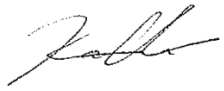
**Site Inspection Record Summary**

**Inspection Information**

Checklist Reference Number	251224
Date	24 December 2025 (Wednesday)
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.:251218), no major environmental deficiency was identified during site inspection.</li></ul>	

	Name	Signature	Date
Recorded by	William Yeung		24 Dec 2025
Checked by	Karina Chan		29 Dec 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	<ol style="list-style-type: none"> <li>1. Identify source, investigate the causes of complaint and propose remedial measures;</li> <li>2. Inform IEC and ER;</li> <li>3. Repeat measurement to confirm finding;</li> <li>4. Increase monitoring frequency.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check monitoring data submitted by ET;</li> <li>2. Check Contractor's working method.</li> </ol>	<ol style="list-style-type: none"> <li>1. Notify Contractor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Rectify any unacceptable practice;</li> <li>2. Amend working methods agreed with the ER as appropriate.</li> </ol>
2. Exceedance by two or more consecutive samples	<ol style="list-style-type: none"> <li>1. Identify source;</li> <li>2. Inform IEC and ER;</li> <li>3. Advise the ER on the effectiveness of the proposed remedial measures;</li> <li>4. Repeat measurements to confirm findings;</li> <li>5. Increase monitoring frequency to daily;</li> <li>6. Discuss with IEC, ER and Contractor on remedial actions required;</li> </ol>	<ol style="list-style-type: none"> <li>1. Check monitoring data submitted by ET;</li> <li>2. Check Contractor's working method;</li> <li>3. Discuss with ET, ER and Contractor on possible remedial measures if required;</li> <li>4. Advise the ER on the effectiveness of the proposed remedial measures;</li> </ol>	<ol style="list-style-type: none"> <li>1. Notify Contractor;</li> <li>2. Ensure remedial measures properly implemented.</li> </ol>	<ol style="list-style-type: none"> <li>1. Submit proposals for remedial actions to IEC within three working days of notification;</li> <li>2. Implement the agreed proposals;</li> <li>3. Amend proposal if appropriate.</li> </ol>

## 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	<ol 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> </ol>	<ol 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> </ol>	<ol 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> </ol>	<ol 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> </ol>

## 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 remedial 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	
<b>Air Quality Impact</b>									
S2.3.1.1	<p>The specific mitigation comprises the following:</p> <p>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;</p> <p>Dust enclosures with watering would be provided along the loading ramps and conveyor belts for unloading the C&amp;D materials to the barge for dust suppression; and</p> <p>3-sided barriers around the stockpiling areas WA3 and WA4.</p>	To minimize dust emission during construction works	All relevant works sites, conveyor belts and stockpiles	Contractor and Sub-contractors	APCO / EIAO	Y	Y		^
									N/A(1)
									^
S2.3.1.2	<p>The dust control measures detailed below shall also be incorporated into the Contract Specification where practicable as an integral part of good construction practice:</p> <p>Use of regular watering to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather;</p> <p>Use of frequent watering for particularly dusty construction areas and areas close to ASRs;</p> <p>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;</p> <p>Open stockpiles shall be avoided or covered. Prevent placing dusty material storage piles near ASRs;</p> <p>Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations;</p> <p>Establishment and use of vehicle wheel and body washing facilities at the exit points of the site;</p> <p>Imposition of speed controls for vehicles on unpaved site roads, 8 km per hour is the recommended limit;</p>	To minimize dust emission during construction works	All relevant works sites	Contractor and Sub-contractors	APCO / EIAO	Y	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	
	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)
<b>Noise Impact</b>									
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	
<b>Water Quality</b>									
S4.2.1.1	<p>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:</p> <p>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;</p>	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	
	<p>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;</p> <p>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 <math>0.1\text{m}^3/\text{s}</math>, a sedimentation basin of <math>30\text{m}^3</math> would be required and for a flow rate of <math>0.5\text{m}^3/\text{s}</math> the basin would be <math>150\text{m}^3</math>. 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;</p> <p>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;</p> <p>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;</p> <p>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;</p> <p>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;</p>								^
									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	
	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	<p>Specific mitigation measures for the tunnelling works using TBM, soft ground and mechanical excavation techniques should include the following:</p> <p>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);</p> <p>Uncontaminated discharge should pass through settlement tanks prior to discharge;</p> <p>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;</p> <p>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;</p>	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		<p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>

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

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S4.2.1.1	<p>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:</p> <p>All bentonite slurry should be stored in a container that resistant to corrosion, <u>maintained in good conditions and securely closed</u>;</p> <p>The container should be labelled in English and Chinese and note that the container is for storage of bentonite slurry only;</p> <p>The storage container should be placed on an area of impermeable flooring and banded 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;</p> <p>The storage container should be sufficiently covered to prevent rainfall entering the container or banded area (water collected within the bund must be tested and disposed of as chemical waste, if necessary);</p> <p>An emergency clean up kit shall be readily available where bentonite fluid will be stored or used; and</p> <p>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.</p>	To control water quality impact from bentonite slurry	All relevant works sites	Contractor and Sub-contractors	WPCO		Y		^
									^
									N/A(1)
									^
									N/A(1)
									N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S4.2.1.1	<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)
	<p>All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material;</p> <p>Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site; and</p> <p>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.</p>								^
									N/A(1)
									N/A
S4.2.1.1	If chemical toilets and sewage holding tanks are required for handling sewage generated by the construction workforce, a licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.	To minimize construction water quality impact from sewage and effluent	All works sites	Contractor	WPCO		Y		^
S4.2.1.1	In order to protect against impacts to the surrounding marine waters of the KTTS and Victoria Harbour in the event of an accidental spillage of fuel or oil, the Contractor will be required to prepare a spill response plan to the satisfaction of AFCD, EPD, FSD, Police, TD and WSD to define procedures for the control, containment and clean-up of any spillage that could occur on the construction site.	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		N/A(1)

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S4.2.1.1	The Contractor must, also, register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		N/A(1)
S4.2.1.1	Any service shop and maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		N/A(1)
S4.2.1.1	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows:	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								
	Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.							^	
S4.2.1.1	The road drainage in the tunnel should pass through oil interceptors to remove oil, and grease before being discharged into the public storm water drainage system;	To mitigate runoff from tunnel during the operational phase	Tunnel	CEDD	WPCO			Y	N/A
	Silt traps and oil interceptors should be cleaned and maintained regularly; and								N/A
	The oily contents of oil interceptors should be transferred to an appropriate disposal facility, or to be collected for reuse, if possible.								N/A

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

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

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

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

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

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

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

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
S9.2.1.2	<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 handstanding.	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/rectified by the contractor;
#	Recommendation was made during site audit but not yet improved/rectified 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:** December 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>
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**Remarks:**

No environmental complaint was received in the reporting period.

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

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**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
#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</li> </ul>	Noise	Closed

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**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
				conducted regularly, review on the construction programme to minimize the operations of PMEs near the PWCL) to minimize the noise impact generated from breaking activities.		
#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 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
		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</li> </ul>	Noise	Closed

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

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
				noise source, replace damaged semi-enclosure/noise barrier and provide regularly maintenance for PMEs.		
#W01	Launching Shaft and Barging Point	13 March 2023	A complaint regarding to the silt/dirt being swept into the sea from the operation of barge under Trunk Road T2.	<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> <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	Closed
#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 work sequence and maintain good site practices, such as erecting noise barrier as close as possible to</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
				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:               <ul style="list-style-type: none"> <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> </li> </ul>	Water	Closed
#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</li> </ul>	Noise	Closed

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**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>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.</p> <ul style="list-style-type: none"> <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 maintenance for all Powered Mechanical Equipment to minimize the noise generated from engines.</li> <li>- Displayed the CNP at the gates of Portion Q.</li> </ul>		
#W03	Launching Shaft Area	23 July 2024	A complaint regarding wastewater discharge at an outlet near Children’s Hospital	<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

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**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
#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:               <ul style="list-style-type: none"> <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> </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:               <ul style="list-style-type: none"> <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> <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> </li> </ul>	Water	Closed

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**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>
#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:               <ul 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> </ul> </li> </ul>	Light & Air	Closed
#W05	Lam Chak Street	10 June 2025	An anonymous complaint regarding muddy water flew out and hygiene problem caused by dump truck in/out at Lam Chak Street.	<ul style="list-style-type: none"> <li>- There is no direct evidence that the suspected muddy water was discharged from T2 construction site at Lam Chak Street.</li> <li>- The following recommendations are made to contractor to further enhance the mitigation measures:               <ul style="list-style-type: none"> <li>- 1) Wash out the yellowish water ponded next to site entrance;</li> <li>- 2) Follow up the yellowish water leakage from the site boundary;</li> <li>- 3) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent;</li> </ul> </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
				<ul style="list-style-type: none"> <li>- 4) Conduct regular water quality monitoring.</li> </ul>		
#W06	Launching Shaft Area	31 July 2025	A complaint regarding muddy water discharged into the “Kai Tak River” through an outfall near Children’s Hospital.	<ul style="list-style-type: none"> <li>- There is no direct evidence that the suspected muddy water was discharged from T2 construction site.</li> <li>- The following recommendations are made to contractor to further enhance the mitigation measures:               <ol style="list-style-type: none"> <li>1) Wheel washing bay would keep cleaning regularly to maintain the wheel washing performance;</li> <li>2) Wastewater from STP &amp; LSCC would be collected and pumped to WetSep of STP;</li> <li>3) The walkway and stockpile would keep covering after ducting work every day;</li> <li>4) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent;</li> <li>5) Conduct regular water quality monitoring.</li> </ol> </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
#A03	The barging point	14 August 2025	A complaint regarding dust nuisance caused by the construction works (i.e. sand transportation) at the barging point and mosquito breeding issue	<ul style="list-style-type: none"> <li>- The suspected dust nuisance was related to the construction works (i.e. sand transportation).</li> <li>- The following mitigation measures are adopted by the Contractor:               <ol style="list-style-type: none"> <li>1. Closely monitor the hygienic condition to prevent breeding of mosquitoes;</li> <li>2. Conduct inspection to identify breeding / potential breeding places and eliminate such places as far as possible;</li> <li>3. Remove stagnant water and spray larvicides regularly;</li> <li>4. Keep watering while carrying out dusty work (e.g. rock breaking);</li> <li>5. Cover the gaps of the conveyor belt;</li> <li>6. Install sprinkler inside the conveyor belt.</li> </ol> </li> <li>- The following mitigation measures are also recommended to the Contractor:               <ol style="list-style-type: none"> <li>1. To provide water spraying performing loading and unloading activities of dusty materials;</li> <li>2. To cover any unused dusty materials with tarpaulin sheets to reduce dust emission;</li> <li>3. Dust enclosures with watering would be provided along the loading ramps and conveyor belts for unloading the C&amp;D materials to the barge for dust suppression;</li> <li>4. 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</li> </ol> </li> </ul>	Air	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
				fabric filter or equivalent air pollution control system.		

**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
W07	The Launching Shaft	09 September 2025	A complaint regarding water pollution at Kai Tak Channel, light and noise nuisance at PWCL	<ul style="list-style-type: none"> <li>– There was no direct evidence indicating that the water pollution was related to T2 construction site.</li> <li>– The suspected noise &amp; light nuisance was related to the construction site.</li> <li>– The following mitigation measures are adopted by the Contractor:               <ol style="list-style-type: none"> <li>1. Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent;</li> <li>2. Tuned down the angle of lights, to avoid glaring directly to residential buildings opposite Kai Tak Channel;</li> <li>3. Install noise barriers and noise enclosure for the high-noise equipment;</li> <li>4. Use of quieter model of e-loader for loading &amp; unloading of C&amp;D material.</li> </ol> </li> <li>– The following mitigation measures are also recommended to the Contractor:               <ol style="list-style-type: none"> <li>1. Wastewater from STP &amp; LSCC would be collected and pumped to WetSep of STP;</li> <li>2. Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent;</li> </ol> </li> <li>– Keep reviewing the lighting angle, to avoid direct spot lighting to resident buildings.</li> </ul>	Water, Noise & Light	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
L03	Adjacent to Public Works Central Laboratory	27 September 2025, referred to ETL on 02 October 2025	A complaint regarding light nuisance suspected to be caused by the lighting system adjacent to Public Works Central Laboratory	<ul style="list-style-type: none"> <li>– The suspected light nuisance was related to the construction activities.</li> <li>– The following recommendations are made to contractor to further enhance the mitigation measures:               <ol style="list-style-type: none"> <li>1) Keep reviewing the lighting angle, to avoid direct spot lighting to resident buildings;</li> <li>2) Switch off the lighting system which is unnecessary.</li> </ol> </li> </ul>	Light	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:** December 2025

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

No Action Level and No Limit Level exceedance of 24-hr TSP monitoring were 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 the 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			2026		
					Dec	Jan	Feb	Jan	Feb	Mar
<b>HKT2 P80 Programme DD 30Nov25</b>										
<b>Construction</b>										
<b>Trunk Road T2</b>										
<b>02 AtGrade Road -AGR</b>										
	Kiosk	157	30-Sep-25 A	05-Mar-26						
AGR1030	Kiosk - fabrication & delivery	85	30-Sep-25 A	23-Dec-25						
AGR1060	Kiosk - Civil	21	23-Dec-25	13-Jan-26						
AGR1090	Kiosk - E&M + T&C	21	13-Jan-26	03-Feb-26						
AGR1100	Kiosk - TCSS	30	03-Feb-26	05-Mar-26						
<b>AGR - Road &amp; Drainage works</b>										
<b>Westbound</b>										
AGR1050	AGR - WB Road Side Barrier	306	15-Feb-25 A	18-Dec-25						
<b>03 Depressed Road - DPR</b>										
<b>DPR - Road Works</b>										
<b>Rising Main</b>										
A229450170	DPR - Civil - Perm civil provision (sump pit)	63	01-Oct-25 A	02-Dec-25						
A229426391	DPR - E&M - Sump pit pumps and watermain installation (remain)	68	24-Nov-25 A	31-Jan-26						
A229450390	DPR - Civil - Remaining Civil Works	30	31-Jan-26	02-Mar-26						
<b>DPR - Final Works</b>										
<b>Landscape work (TBC)</b>										
A12991	Landscape Soil Filling	24	01-Dec-25	30-Dec-25						
A12992	Planter works	12	31-Dec-25	14-Jan-26						
<b>05 Supporting Underground Structure - SUS</b>										
<b>SUS - Tunnel Civil Works</b>										
A229450470	SUS VE Panel Design Review (EB)	177	30-Jun-25 A	23-Dec-25						
A229450490	SUS VE Panel Design Review (WB)	176	30-Jun-25 A	22-Dec-25						
A229450450	Parapet Defect Rectification (WB CP side)	14	01-Dec-25	14-Dec-25						
A229450460	Parapet Defect Rectification (WB NCP side)	14	15-Dec-25	28-Dec-25						
<b>07 Tunnel Sub-sea (TSS)</b>										
<b>TSS - TBM Excavation from Kai Tak</b>										
<b>Westbound - TBM S1281</b>										
<b>TBM1 Rescue</b>										
<b>Seawall Reinstatement</b>										
A229450930	Phase 1 - Bay13 to Bay 11 Seawall Reinstatement	194	25-Oct-25 A	04-Feb-26						
A229450940	Phase 2 - Bay10 to Bay 8 Seawall Reinstatement	141	17-Dec-25	06-May-26						
<b>TBM1 Dismantling</b>										
<b>TBM1 Dismantling</b>										
TA325	WB TBM dismantling - CKL side	132	13-Sep-25 A	22-Jan-26						
TA85	WB TBM dismantling - TSS side	98	18-Sep-25 A	24-Dec-25						
TA1591	WB TBM dismantling - ISIG in standby	98	18-Sep-25 A	24-Dec-25						
<b>TSS side</b>										
<b>TSS side -breakdown</b>										
<b>Erector / X/B / MD</b>										
TA1321	X Beam Dismantling	14	17-Nov-25 A	01-Dec-25						
TA1331	Main Drive Extraction	14	17-Nov-25 A	30-Nov-25 A						
TA1341	Main Drive Dismantling	16	01-Dec-25	16-Dec-25						
TA1351	Concrete Slab + HAG System Demo	8	17-Dec-25	24-Dec-25						
<b>CKL Side</b>										
<b>CKL side -breakdown</b>										
<b>Spherical Bearing</b>										

- ◆ Milestones
- Planned Bar
- Actual Bar

ED/2018/04 Trunk Road T2 and Infrastructure Works  
for Developments at South Apron  
Three Months Rolling Programme (Dec25-Feb26)

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2025		2026	
					Dec	Jan	Feb	
TA92	WB TBM dismantling - Spherical Bearing	5	01-Dec-25	05-Dec-25	WB TBM dismantling - Spherical Bearing			
Shield		45	05-Dec-25	22-Jan-26				
TA1561	WB TBM dismantling - CKL Civil Works#3	3	06-Dec-25	08-Dec-25	WB TBM dismantling - CKL Civil Works#3			
TA93	WB TBM dismantling - Shield Part 1	15	09-Dec-25	23-Dec-25	WB TBM dismantling - Shield Part 1			
TA1501	WB TBM dismantling - CKL Civil Works#4	15	24-Dec-25	07-Jan-26	WB TBM dismantling - CKL Civil Works#4			
TA95	WB TBM dismantling - Shield Part 2	15	08-Jan-26	22-Jan-26	WB TBM dismantling - Shield Part 2			
<b>Eastbound - TBM S1282</b>								
<b>TBM2 Tunneling</b>								
<b>CP26-30</b>								
EBTBM1560	EB TBM Stoppage	24	22-Nov-25 A	15-Dec-25	EB TBM Stoppage			
EBTBM1290	EB TBM Tunneling Pilot tunnel section CH8800-8860 (60m; 7.6R)	25	16-Dec-25	09-Jan-26	EB TBM Tunneling Pilot tunnel section CH8800-8860 (60m; 7.6R)w)			
EBTBM1540	EB TBM Small BH Breakthrough	0		09-Jan-26	EB TBM Small BH Breakthrough			
EBTBM1310	EB TBM Tunneling Cavern section CH8860-8900 (Pilot tunnel sec	15	10-Jan-26	24-Jan-26	EB TBM Tunneling Cavern section CH8860-8900 (Pilot tunnel section) (40m; 8.5R)w)			
EBTBM1320	EB TBM Tunneling Cavern section CH8900-8977 (Pilot tunnel sec	28	25-Jan-26	21-Feb-26	EB TBM Tunneling Cavern section CH8900-8977 (Pilot tunnel section) (40m; 8.5R)w)			
TA010	EB TSS - TBM Tunneling Breakout	0		21-Feb-26	EB TSS - TBM Tunneling Breakout			
<b>TBM2 Rescue</b>								
<b>Seawall Reinstatement</b>								
A22940950	Phase 3 - Bay 7 to Bay 5 Seawall Reinstatement	141	01-Feb-26*	21-Jun-26				
<b>TBM2 Dismantling</b>								
<b>TBM2 Dismantling</b>								
TA040	EB TBM dismantling - TSS side	69	22-Feb-26	01-May-26				
TA1231	EB TBM dismantling - CKL side	108	22-Feb-26	09-Jun-26				
TA1601	EB TBM dismantling - ISIG in Standby	69	22-Feb-26	01-May-26				
<b>TSS side</b>								
TA020	EB TBM - Last 5 Rings Installation	5	22-Feb-26	26-Feb-26				
TA1661	Last ring securing + Taiskin Cutting + Erector Prep	8	27-Feb-26	06-Mar-26				
<b>TSS side - breakdown</b>								
<b>Backup Gantries</b>								
TA1671	Gantry 4 Dismantling	10	27-Feb-26	08-Mar-26				
<b>CKL Side</b>								
<b>CKL side - breakdown</b>								
<b>Cutterhead</b>								
TA1811	CKL Civil Works #1	18	27-Feb-26	16-Mar-26				
<b>TSS - Tunnel Civil Works</b>								
<b>Westbound (WB)</b>								
<b>WB TSS - TBM Slurry Pipes &amp; Temporary Services</b>								
<b>CP7 to CP25</b>								
A22947640	TSS - WB NCPS Wall Pipe Dismantling from FT to CP25	73	03-Oct-25 A	15-Dec-25	TSS - WB NCPS Wall Pipe Dismantling from FT to CP25			
<b>WB TSS - Service Gallery</b>								
<b>Gallery Installation After TBM1 Dismantling</b>								
TC3020	WB TSS - Service Gallery up to CP29 to CP30 (100m)	14	01-Dec-25	14-Dec-25	WB TSS - Service Gallery up to CP29 to CP30 (100m)			
TC3030	WB TSS - Service Gallery up to CP30 to CP31 (100m)	14	15-Dec-25	28-Dec-25	WB TSS - Service Gallery up to CP30 to CP31 (100m)			
<b>ISIG Dismantling &amp; Last Galleries</b>								
TC3060	WB TSS - ISIG Dismantling & Last SG @ TSS	18	29-Dec-25	15-Jan-26	WB TSS - ISIG Dismantling & Last SG @ TSS			
TC3070	WB TSS - 17 SG by Overhead rail & 4 by Sliding	14	16-Jan-26	29-Jan-26	WB TSS - 17 SG by Overhead rail & 4 by Sliding			
<b>WB TSS - Below Road Level Installation</b>								
<b>Service Gallery Civil Provision</b>								
TC1100	WB TSS - Service Gallery Civil Provision up to CP29	18	01-Dec-25	18-Dec-25	WB TSS - Service Gallery Civil Provision up to CP29			
TC1130	WB TSS - Service Gallery Civil Provision up to CP30	18	15-Dec-25	01-Jan-26	WB TSS - Service Gallery Civil Provision up to CP30			
TC1140	WB TSS - Service Gallery Civil Provision up to CP31	18	29-Dec-25	15-Jan-26	WB TSS - Service Gallery Civil Provision up to CP31			
TC1150	WB TSS - Service Gallery Civil Provision up to CP32	18	16-Jan-26	02-Feb-26	WB TSS - Service Gallery Civil Provision up to CP32			

- ◆ Milestones
- ◆ Planned Bar
- ◆ Actual Bar

ED/2018/04 Trunk Road T2 and Infrastructure Works  
 for Developments at South Apron  
 Three Months Rolling Programme (Dec25-Feb26)

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2025			2026			
					Dec	Jan	Feb	Jan	Feb	Feb	
<b>MIMEP</b>		30	16-Jan-26	14-Feb-26							
TC11310	WB TSS - Service Gallery MIMEP up to CP28	6	16-Jan-26	21-Jan-26							
TC1160	WB TSS - Service Gallery MIMEP up to CP29	6	22-Jan-26	27-Jan-26							
TC1170	WB TSS - Service Gallery MIMEP up to CP30	6	28-Jan-26	02-Feb-26							
TC1180	WB TSS - Service Gallery MIMEP up to CP31	6	03-Feb-26	08-Feb-26							
TC1220	WB TSS - Service Gallery MIMEP up to CP32	6	09-Feb-26	14-Feb-26							
<b>FS Control Room</b>		21	30-Jan-26	19-Feb-26							
TC920	WB TSS - FS Control Room Construction	21	30-Jan-26	19-Feb-26							
<b>WB TSS - Corbel</b>		81	01-Dec-25	19-Feb-26							
<b>Corbel Construction After TBM1 Dismantling</b>		74	01-Dec-25	12-Feb-26							
TC1930	WB TSS Final - Corbel Structure from CP28 to CP29	7	01-Dec-25	07-Dec-25							
TC1940	WB TSS Final - Corbel Structure from CP29 to CP30	7	15-Dec-25	21-Dec-25							
TC1960	WB TSS Final - Corbel Structure from CP30 to CP31	7	29-Dec-25	04-Jan-26							
TC1970	WB TSS - Corbel Structure from CP31 to last 3 ring	7	30-Jan-26	05-Feb-26							
<b>Concrete curing</b>		67	08-Dec-25	12-Feb-26							
TC1330	WB TSS - Corbel Structure up to CP29 (concrete curing)	7	08-Dec-25	14-Dec-25							
TC1340	WB TSS - Corbel Structure up to CP30 (concrete curing)	7	22-Dec-25	28-Dec-25							
TC1350	WB TSS - Corbel Structure up to CP31 (concrete curing)	7	05-Jan-26	11-Jan-26							
TC1660	WB TSS - Corbel Structure up to last 3 ring (concrete curing)	7	06-Feb-26	12-Feb-26							
<b>Monorail Removal</b>		7	06-Feb-26	12-Feb-26							
TC1090	WB TSS - Monorail Removal for final dismantling	7	06-Feb-26	12-Feb-26							
<b>ISSG Dismantling &amp; Last Corbel</b>		7	13-Feb-26	19-Feb-26							
TC1980	WB TSS - Corbel Gantry & Formwork dismantling	7	13-Feb-26	19-Feb-26							
<b>WB TSS - OHVD</b>		112	21-Nov-25 A	12-Mar-26							
<b>OHVD installation After TBM1 Dismantling</b>		88	21-Nov-25 A	16-Feb-26							
TC11390	WB TSS Final - OHVD from CP27 to CP28	43	21-Nov-25 A	03-Jan-26							
TC1190	WB TSS Final - OHVD from CP28 to CP29	4	15-Jan-26	18-Jan-26							
TC1200	WB TSS Final - OHVD from CP29 to CP30	4	19-Jan-26	22-Jan-26							
TC1210	WB TSS Final - OHVD from CP30 to CP30.5	4	23-Jan-26	26-Jan-26							
TC980	WB TSS Final - OHVD from CP30.5 to ISSG dismantling location	4	13-Feb-26*	16-Feb-26							
<b>ISSG Dismantling &amp; Final OHVDs</b>		21	20-Feb-26	12-Mar-26							
TC970	WB - ISSG Dismantling	7	20-Feb-26	26-Feb-26							
TC1230	WB TSS - OHVD Lifting Batch 1-3 (14d)	14	27-Feb-26	12-Mar-26							
<b>WB TSS - Fire Board - Tunnel Crown with deletion up Ch8924</b>		21	25-Dec-25	14-Jan-26							
<b>Fire Board (Crown) Installation After TBM1 Dismantling</b>		21	25-Dec-25	14-Jan-26							
TC1110	WB TSS - Fire board (Crown) by Aerial Platform from CP28 to CP29	7	25-Dec-25	31-Dec-25							
TC11580	WB TSS - Fire board (Crown) by Aerial Platform from CP29 to CP30	7	01-Jan-26	07-Jan-26							
TC11410	WB TSS - Aerial Platform dismantling	7	08-Jan-26	14-Jan-26							
<b>WB TSS - Fire Board - Road level with deletion up Ch8924</b>		56	03-Jan-26	27-Feb-26							
<b>After TBM1 Dismantling</b>		56	03-Jan-26	27-Feb-26							
TC11440	WB TSS - Fire Board - Walls & OHVD soffit - from CP26 to CP27	7	03-Jan-26	10-Jan-26							
TC11450	WB TSS - Fire Board - Walls & OHVD soffit - from CP27 to CP28	14	19-Jan-26	01-Feb-26							
TC1000	WB TSS - Fire Board - Walls & OHVD soffit - from CP28 to CP29	14	02-Feb-26	15-Feb-26							
TC1020	WB TSS - Fire Board - Walls & OHVD soffit - up to CH8924	5	16-Feb-26	20-Feb-26							
TC1030	WB TSS - Fire Board Gantries dismantling	7	21-Feb-26	27-Feb-26							
<b>Defect</b>		49	10-Jan-26	27-Feb-26							
TC11610	WB TSS - inspection before black paint & E&M bracket CP26 to C	7	10-Jan-26	17-Jan-26							
TC11620	WB TSS - inspection before black paint & E&M bracket CP27 to C	7	02-Feb-26	08-Feb-26							
TC11630	WB TSS - inspection before black paint & E&M bracket CP28 to C	7	16-Feb-26	22-Feb-26							
TC11640	WB TSS - inspection before black paint & E&M bracket CP29 to C	7	21-Feb-26	27-Feb-26							
<b>WB TSS - Road Barrier</b>		101	25-Oct-25 A	02-Feb-26							

- ◆ Milestones
- ◆ Planned Bar
- ◆ Actual Bar

ED/2018/04 Trunk Road T2 and Infrastructure Works  
for Developments at South Apron  
  
Three Months Rolling Programme (Dec25-Feb26)

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2025			2026			
					Dec	Jan	Feb	Jan	Feb	Mar	
<b>Road Barriers After TBM1 Dismantling</b>											
	CPS	15	19-Jan-26	02-Feb-26							
	A229450740 WB TSS - Road Barrier CPS up to CP29	7	19-Jan-26	25-Jan-26							
	TC11220 WB TSS - Road Barrier CPS up to CP30	4	26-Jan-26	29-Jan-26							
	TC11230 WB TSS - Road Barrier CPS up to CP30.5	4	30-Jan-26	02-Feb-26							
	NPCS	37	25-Oct-25 A	01-Dec-25							
	A229425611 WB TSS - Road Barrier from CP27 to CP28	37	25-Oct-25 A	01-Dec-25							
	WB TSS - E&M Brackets	453	24-Nov-24 A	19-Feb-26							
	<b>E&amp;M Brackets Installation Before TBM1 Dismantling</b>	402	24-Nov-24 A	30-Dec-25							
	CPS	182	02-Jul-25 A	30-Dec-25							
	TC11030 WB TSS - E&M Brackets up to CP26	182	02-Jul-25 A	30-Dec-25							
	NPCS	372	24-Nov-24 A	01-Dec-25							
	TC11460 WB TSS - E&M Brackets NPCs from CH8450 to CP25	372	24-Nov-24 A	01-Dec-25							
	<b>E&amp;M Brackets Installation After TBM1 Dismantling</b>	30	21-Jan-26	19-Feb-26							
	CPS	30	21-Jan-26	19-Feb-26							
	TC11040 WB TSS Final - E&M Brackets from CP26 to CP27 (CPS)	6	21-Jan-26	27-Jan-26							
	TC11050 WB TSS Final - E&M Brackets from CP27 to CP28 (CPS)	7	13-Feb-26	19-Feb-26							
	NPCS	30	21-Jan-26	19-Feb-26							
	TC11760 WB TSS Final - E&M Brackets from CP26 to CP27 (NPCS)	6	21-Jan-26	27-Jan-26							
	TC11770 WB TSS Final - E&M Brackets from CP27 to CP28 (NPCS)	7	13-Feb-26	19-Feb-26							
	<b>WB TSS - Black paint</b>	27	17-Jan-26	12-Feb-26							
	<b>After TBM1 Dismantling</b>	27	17-Jan-26	12-Feb-26							
	TC1490 WB TSS - Black paint from CP26 to CP27	4	17-Jan-26	21-Jan-26							
	TC11590 WB TSS - Black paint from CP27 to CP28	4	09-Feb-26	12-Feb-26							
	<b>WB TSS - TCSS Civil provision at OHVD soffit</b>	31	27-Jan-26	26-Feb-26							
	<b>After TBM1 Dismantling</b>	31	27-Jan-26	26-Feb-26							
	TC11650 WB TSS Final - TCSS Civil provision from CP26 to CP27	7	27-Jan-26	03-Feb-26							
	TC1570 WB TSS Final - TCSS Civil provision from CP27 to CP28	7	20-Feb-26	26-Feb-26							
	<b>Eastbound (EB)</b>	396	17-Feb-25 A	19-Mar-26							
	<b>EB TSS - TBM Slurry Pipes &amp; Temporary Services</b>	21	27-Feb-26	19-Mar-26							
	<b>Pipe dismantling &amp; relocation after TBM2 Breakthrough</b>	21	27-Feb-26	19-Mar-26							
	<b>CP22 to Back of TBM</b>	21	27-Feb-26	19-Mar-26							
	A229447750 TSS - EB NCS Wall Pipe Dismantling from CP22 to CP27 (back of TBM)	21	27-Feb-26	19-Mar-26							
	<b>EB TSS - Service Gallery</b>	71	04-Nov-25 A	13-Jan-26							
	<b>Gallery Installation Before TBM2 Dismantling</b>	71	04-Nov-25 A	13-Jan-26							
	EBTBM1510 EB TSS - Service Gallery up to CH8661	44	04-Nov-25 A	17-Dec-25							
	EBTBM1480 EB TSS - Service Gallery up to CH8688 and allow start of CP27 EB Tm	9	17-Dec-25	26-Dec-25							
	EBTBM1520 EB TSS - Service Gallery up to CH8730	13	26-Dec-25	08-Jan-26							
	EBTBM1490 EB TSS - Service Gallery up to CH8746	5	08-Jan-26	13-Jan-26							
	<b>EB TSS - Below Road Level Installation</b>	315	17-Feb-25 A	28-Dec-25							
	<b>CP26-30 MMEP</b>	18	01-Dec-25	18-Dec-25							
	TC11080 EB TSS - Service Gallery MMEP up to CP25	6	01-Dec-25	06-Dec-25							
	TC11100 EB TSS - Service Gallery MMEP up to CP26	6	07-Dec-25	12-Dec-25							
	TC11110 EB TSS - Service Gallery MMEP up to CP27	6	13-Dec-25	18-Dec-25							
	<b>Low Point Sump Pit</b>	315	17-Feb-25 A	28-Dec-25							
	<b>Low Point @ CP12</b>	315	17-Feb-25 A	28-Dec-25							
	TC11330 EB TSS - Low Point Sump Pit waterproofing & testing (after TBM dismantling)	315	17-Feb-25 A	28-Dec-25							
	<b>08 CKL Tunnel</b>	49	23-Jan-26	12-Mar-26							
	<b>Westbound (WB)</b>	49	23-Jan-26	12-Mar-26							
	<b>WB CKL -After TBM breakthrough</b>	49	23-Jan-26	12-Mar-26							
	<b>Westbound (WB) Final Structure Works</b>	49	23-Jan-26	12-Mar-26							

- ◆ Milestones
- Planned Bar
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ED/2018/04 Trunk Road T2 and Infrastructure Works  
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Three Months Rolling Programme (Dec25-Feb26)

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2025			2026			
					Dec	Jan	Feb	Jan	Feb	Feb	
<b>Service Gallery</b>					36	23-Jan-26	27-Feb-26				
TB1090	WB - Concrete Breaking & Temp fill removal	7	23-Jan-26	29-Jan-26							
TB1110	WB - Remaining precast SG (7 nos.)	5	30-Jan-26	03-Feb-26							
TB1120	WB - In-situ SG at End Wall	10	04-Feb-26	13-Feb-26							
TB1180	WB - Drainage & Road Slab	14	14-Feb-26	27-Feb-26							
<b>Lining - End Wall</b>					27	14-Feb-26	12-Mar-26				
TB1150	WB - End Wall Kicker	6	14-Feb-26	19-Feb-26							
TB1220	WB - End Wall Wall & Crown	21	20-Feb-26	12-Mar-26							
<b>09 Cross Passages</b>					164	06-Nov-25 A	18-Apr-26				
<b>Cross Passages @ TSS &amp; CKL Tunnel (CP7 to CP33)</b>					164	06-Nov-25 A	18-Apr-26				
<b>CP25 by Mini TBM</b>					117	06-Nov-25 A	02-Mar-26				
A8260	CP25 - Internal & Collar Structure & ABWF	73	06-Nov-25 A	17-Jan-26							
A8280	CP25 - E&M Installation	14	18-Jan-26	31-Jan-26							
A8340	Remaining Civil Works	30	01-Feb-26	02-Mar-26							
<b>CP26 by Mini TBM</b>					114	17-Nov-25 A	10-Mar-26				
A7960	CP26 - Mobilisation	14	17-Nov-25 A	01-Dec-25							
TD1430	CP26 - EB - Tympanum Strength Gain	20	25-Nov-25 A	14-Dec-25							
A229450650	CP26 - CP TBM mining	6	15-Dec-25	20-Dec-25							
A229450660	CP26 - Lining Grouting	6	21-Dec-25	26-Dec-25							
A8270	CP26 - Internal & Collar Structure & ABWF	60	27-Dec-25	24-Feb-26							
A8300	CP26 - E&M Installation	14	25-Feb-26	10-Mar-26							
<b>CP27 by Mini TBM</b>					139	01-Dec-25	18-Apr-26				
TD0310	CP27 - WB - Tympanum Civil works CH8688 R0936W	27	01-Dec-25	27-Dec-25							
TD0300	CP27 - EB - Tympanum Civil works CH8688 R0930E	27	26-Dec-25	22-Jan-26							
A7972	CP27 - Mobilisation	6	22-Jan-26	28-Jan-26							
TD1450	CP27 - EB - Tympanum Strength Gain	14	22-Jan-26	05-Feb-26							
A229450670	CP27 - CP TBM mining	6	05-Feb-26	11-Feb-26							
A229450680	CP27 - Lining Grouting	6	11-Feb-26	17-Feb-26							
A8290	CP27 - Internal & Collar Structure & ABWF	60	17-Feb-26	18-Apr-26							
<b>CP28 by D&amp;B</b>					56	01-Dec-25	25-Jan-26				
TD1480	CP28 - Excavation from WB (Part 2 - 4m subject to EB TBM progr)	16	01-Dec-25	16-Dec-25							
TD1500	CP28 - Advance Lining	33	17-Dec-25	18-Jan-26							
TD1260	CP28 - Final Break-out	7	19-Jan-26	25-Jan-26							
<b>CP29 by D&amp;B</b>					49	25-Jan-26	14-Mar-26				
TD1490	CP29 - Excavation from WB (Part 2 subject to EB TBM progress)	16	25-Jan-26	09-Feb-26							
TD1510	CP29 - Advance Lining	33	10-Feb-26	14-Mar-26							
<b>CP30 Remaining Works</b>					68	22-Dec-25	27-Feb-26				
<b>CP30 remaining works</b>					68	22-Dec-25	27-Feb-26				
TD1140	CP30 WBTSS - Sawcut & final breaking work CP30	18	22-Dec-25	08-Jan-26							
TD1150	CP30 - Waterproofing	3	09-Jan-26	11-Jan-26							
TD1160	CP30 - Collar structure at WB TSS	16	12-Jan-26	27-Jan-26							
TD1200	CP30 - Remaining lining structure	19	28-Jan-26	15-Feb-26							
TD1210	CP30 - E&M Installation	12	16-Feb-26	27-Feb-26							
<b>CP31 Remaining Works</b>					18	27-Feb-26	16-Mar-26				
<b>CP31 remaining works</b>					18	27-Feb-26	16-Mar-26				
TD1170	CP31 WBTSS - Sawcut & final breaking work CP31	18	27-Feb-26	16-Mar-26							
<b>10 East Ventilation Building - EVB</b>					92	01-Dec-25	02-Mar-26				
<b>EVB Remaining Works (TBC)</b>					92	01-Dec-25	02-Mar-26				
<b>Landscape works</b>					92	01-Dec-25	02-Mar-26				
EVB1650	EVB - Hard Landscape - Above G/F	92	01-Dec-25	02-Mar-26							
<b>11 Tunnel E&amp;M Installation</b>					387	01-May-25 A	22-May-26				

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Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2025			2026		
					Dec	Jan	Feb	Jan	Feb	Mar
<b>WB - E&amp;M Works</b>										
<b>WB - HV Cabling &amp; HV Power On</b>					14	14-Feb-26	27-Feb-26			
TE1140	WB Tunnel - Temporary HV Cable laying	14	14-Feb-26	27-Feb-26						
<b>WB - LV Cabling &amp; LV Power On</b>					90	01-Dec-25	28-Feb-26			
TF170	WB CKL - CP32-EVB Portal E&M installation	90	01-Dec-25*	28-Feb-26						
E&MC1180	01b. WB SUS CP1 to CP12 - E&M Installation (Final Stage)	60	01-Dec-25	29-Jan-26						
<b>WB - Below Road Level E&amp;M Installation</b>					51	28-Jan-26	19-Mar-26			
MIMEP		42	28-Jan-26	10-Mar-26						
TC1240	WB TSS - Service Gallery MMEP Connection up to CP29	6	28-Jan-26	02-Feb-26						
TC1250	WB TSS - Service Gallery MMEP Connection up to CP30	6	03-Feb-26	08-Feb-26						
TC1260	WB TSS - Service Gallery MMEP Connection up to CP31	6	09-Feb-26	14-Feb-26						
TC1290	WB TSS - Service Gallery MMEP Connection up to CP32	6	15-Feb-26	20-Feb-26						
TF070	WB TSS - Service Gallery E&M Installation	18	21-Feb-26	10-Mar-26						
<b>FS Control Room</b>					28	20-Feb-26	19-Mar-26			
TC950	WB TSS - FS Control Room E&M Installation	28	20-Feb-26	19-Mar-26						
<b>EB - E&amp;M Works</b>					387	01-May-25 A	22-May-26			
<b>EB - HV Cabling &amp; HV Power On</b>					28	30-Jan-26	26-Feb-26			
TE1200	EB Tunnel - Temporary HV Cable laying	14	30-Jan-26	12-Feb-26						
TE1210	EB Tunnel - Early HV Power On	14	13-Feb-26*	26-Feb-26						
<b>EB - LV Cabling &amp; LV Power On</b>					387	01-May-25 A	22-May-26			
E&MC1080	02. EB TSS - CP12-16 E&M installation	214	01-May-25 A	01-Dec-25						
E&MC1140	12. EB CKL - BT & S01 - E&M installation	93	08-Sep-25 A	09-Dec-25						
E&MC1130	11. EB CKL - CP31 to EVB Portal - E&M installation	68	29-Sep-25 A	05-Dec-25						
E&MC1150	01b. EB SUS to TSS CP12 - E&M Installation (Final Stage)	60	01-Dec-25	29-Jan-26						
TE260	EB Tunnel - LV Power On	85	27-Feb-26	22-May-26						
<b>12 Projectwide TCSS Installation</b>					811	12-Aug-24 A	31-Oct-26			
<b>WB - TCSS Installation</b>					691	12-Aug-24 A	03-Jul-26			
TE1170	WB - TCSS Installation concurrent with E&M installation	691	12-Aug-24 A	03-Jul-26						
TF030	WB - TBM Tunnel - TCSS fibre cabling	357	20-Jan-25 A	11-Jan-26						
TF040	WB - TBM Tunnel - TCSS Signage Installation	351	20-Jan-25 A	05-Jan-26						
<b>EB - TCSS Installation</b>					650	20-Jan-25 A	31-Oct-26			
TE130	EB - TBM Tunnel - TSSC Fibre Cabling	650	20-Jan-25 A	31-Oct-26						
TE170	EB - TBM Tunnel - TSSC Sign Installation	644	20-Jan-25 A	25-Oct-26						
<b>14 Projectwide Final Works</b>					174	30-Sep-25 A	22-Mar-26			
<b>Cladding</b>					157	30-Sep-25 A	05-Mar-26			
<b>Eastbound</b>					133	30-Sep-25 A	09-Feb-26			
<b>Typical Subframe &amp; Cladding</b>					133	30-Sep-25 A	09-Feb-26			
<b>EB CPS</b>					37	10-Dec-25	16-Jan-26			
VE10280	3. VE Panel - EB TSS CP7-12 (CPS) 500m	24	10-Dec-25	03-Jan-26						
VE10220	1. VE Panel - EB SUS (CPS) 400m	24	23-Dec-25	16-Jan-26						
<b>EB NCPS</b>					133	30-Sep-25 A	09-Feb-26			
VE10591	3. VE Panel - EB TSS CP7-12 (NCPS) 500m	67	30-Sep-25 A	05-Dec-25						
VE10601	4. VE Panel - EB TSS CP12-17 (NCPS) 500m	57	15-Oct-25 A	10-Dec-25						
VE10571	1. VE Panel - EB SUS (NCPS) 400m	24	16-Jan-26	09-Feb-26						
<b>Westbound</b>					35	30-Jan-26	05-Mar-26			
<b>Typical Subframe &amp; Cladding</b>					35	30-Jan-26	05-Mar-26			
<b>WB CPS</b>					35	30-Jan-26	05-Mar-26			
VE10060	3. VE Panel - WB TSS CP7-12 (CPS) 500m	24	30-Jan-26	22-Feb-26						
VE10021	1. VE Panel - WB SUS (CPS) 400m	24	09-Feb-26*	05-Mar-26						
<b>Pavement</b>					28	23-Feb-26	22-Mar-26			
<b>Westbound</b>					28	23-Feb-26	22-Mar-26			

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Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2025			2026			
					Dec	Jan	Feb	Jan	Feb	Mar	
PAV10010	Pavement - WB Initial Layers TSS CP7 to CP17 (Learning Curve)	28	23-Feb-26	22-Mar-26							
<b>Infrastructure Works</b>											
<b>06 Road S20</b>											
<b>VO - Modification of Irrigation System at Charging Station Run-in</b>											
A1070	S20 - Shrubs Reinstatement (Non Critical)	12	01-Dec-25	13-Dec-25							
<b>07 Road L10(N)</b>											
<b>L10(N) Landscape (KD-26)</b>											
LN10110	L10(N) - Landscape softwork (TBC)	26	02-Jan-26	31-Jan-26							
LN10120	KD-26 - Section 9D - Road L10 (N) Landscape Softworks	0	02-Jan-26	31-Jan-26							
<b>L10(N) Remaining works</b>											
LN10150	Road L10N - Final Paving works & Road Marking	20	01-Dec-25	20-Dec-25							
LN10100	Road L10N - Drainage T&C	21	01-Dec-25	21-Dec-25							
<b>L10 (N) Remaining Road Works (Subject to Manpower)</b>											
A229450270	L10 (N) - Remaining Road Signage	233	01-Mar-25 A	24-Dec-25							
<b>08 Road L10(S) &amp; L18</b>											
<b>L10(S) &amp; L18 Landscape (KD-24)</b>											
A229445710	L10 (S) & L18 - Landscape softwork (TBC)	25	01-Dec-25	31-Dec-25							
A229445711	KD-24 - Completion of Section 9B - Remaining Stage 5 Infrastruct	0	01-Dec-25*	31-Dec-25							
<b>L10(S) &amp; L18 Remaining works</b>											
<b>Preparation for road opening</b>											
A229448750	L10 (S) & L18 ready for use	0	01-Dec-25	01-Dec-25							
<b>Roadside Area adjacent to L10(S)</b>											
<b>Design</b>											
A229448800	Design Approval - Landscape (225000)	0	31-Jan-26	31-Jan-26							
<b>Roadworks</b>											
A229448810	Roadside Area adjacent to L10S - Road works	30	01-Dec-25*	30-Dec-25							
<b>Landscape</b>											
A229448820	Roadside Area adjacent to L10S - Landscape (TBC)	30	01-Feb-26	02-Mar-26							
<b>Preparation for Road Opening (L10S)</b>											
A223450220	L10 (S) - Site Access Change (Kai Tak Bridge Rd)	0	30-Jun-25 A	01-Oct-25 A							
A1350	L10 (S) - Site Access Change (L10S) & Ready for Public Usage	0	01-Oct-25 A	01-Oct-25 A							

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Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2026		
					Jan	Feb	Mar
<b>HKT2 Revised Accelerated Programme DD 31Dec25</b>							
<b>Construction</b>							
<b>Trunk Road T2</b>							
<b>02 AtGrade Road -AGR</b>							
	Kiosk	92	17-Dec-25 A	18-Mar-26			
AGR1060	Kiosk - Civil	35	17-Dec-25 A	20-Jan-26	■ Kiosk - Civil		
AGR1090	Kiosk - E&M + T&C	21	21-Jan-26	10-Feb-26		■ Kiosk - E&M + T&C	
AGR1100	Kiosk - TCSS	30	11-Feb-26	12-Mar-26			■ Kiosk - TCSS
AGR1110	Kiosk - Reday for FSI	6	13-Mar-26	18-Mar-26*			■ Kiosk - Reday for FSI
<b>AGR - Road &amp; Drainage works</b>							
AGR1170	AGR - Remaining Works after Breakthrough	30	18-Feb-26	19-Mar-26		■ AGR - Remaining Works after Breakthrough	
<b>Westbound</b>							
AGR1050	AGR - WB Road Side Barrier	336	15-Feb-25 A	17-Jan-26	■ AGR - WB Road Side Barrier		
<b>03 Depressed Road - DPR</b>							
<b>DPR - Road Works</b>							
<b>Rising Main</b>							
A229450170	DPR - Civil - Perm civil provision (sump pit)	93	01-Oct-25 A	01-Jan-26	■ DPR - Civil - Perm civil provision (sump pit)		
A229462391	DPR - E&M - Sump pit pumps and watermain installation (remain	59	24-Nov-25 A	22-Jan-26	■ DPR - E&M - Sump pit pumps and watermain installation (remaining top, middle & bottom zones)		
A229450390	DPR - Civil - Remaining Civil Works	30	22-Jan-26	21-Feb-26		■ DPR - Civil - Remaining Civil Works	
<b>DPR - Final Works</b>							
<b>Landscape work (TBC)</b>							
A12391	Landscape Soil Filling	24	20-Feb-26	19-Mar-26		■ Landscape Soil Filling	
A12992	Planter works	12	20-Mar-26	02-Apr-26			■ Landscape Soil Filling
<b>05 Supporting Underground Structure - SUS</b>							
<b>SUS - Tunnel Civil Works</b>							
A229450470	SUS VE Panel Design Review (EB)	189	30-Jun-25 A	04-Jan-26	■ SUS VE Panel Design Review (EB)		
<b>06 Launching Shaft &amp; C&amp;C Tunnel - LSCC</b>							
<b>LSCC - Structure works</b>							
<b>Launching Shaft</b>							
<b>LS - Miscellaneous Structural Openings</b>							
<b>WB NCP wall box out structure (subject to temporary cable relocation, TBM BT &amp;</b>							
LSCC10140	TBM UU Removal after EB TBM Breakthrough	21	31-Dec-25	20-Jan-26	■ TBM UU Removal after EB TBM Breakthrough		
LSCC10200	LSCC - WB NCP wall box out structure	40	21-Jan-26	01-Mar-26		■ LSCC - WB NCP wall box out structure	
LSCC10461	LSCC - WB NCP remaining internal structure work	14	02-Mar-26	15-Mar-26		■ LSCC - WB NCP remaining internal	
<b>LSCC - Backfilling &amp; Dwall Dismantling</b>							
A22947780	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC	45	31-Dec-25	13-Feb-26	■ D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC		
A22947781	D-wall dismantling (from +1.0mPD to +4.0mPD) ~3050 m3 TBC	38	14-Feb-26	23-Mar-26		■ D-wall dismantling	
A22947790	Stage 2b (i) Final Backfilling at LCS side with open cut and allow L	19	24-Mar-26	11-Apr-26		■	
A22947800	Stage 2b (i) Final Backfilling (from +1.0mPD to +4.0mPD) (total qt	30	24-Mar-26	22-Apr-26		■	
<b>07 Tunnel Sub-sea (TSS)</b>							
<b>TSS - TBM Excavation from Kai Tak</b>							
<b>Westbound - TBM S1281</b>							
<b>TBM1 Rescue</b>							
<b>Seawall Reinstatement</b>							
A229450930	Phase 1 - Bay13 to Bay 11 Seawall Reinstatement	95	25-Oct-25 A	28-Jan-26	■ Phase1 - Bay13 to Bay 11 Seawall Reinstatement		
A229450940	Phase 2 - Bay10 to Bay 8 Seawall Reinstatement	141	28-Jan-26*	18-Jun-26		■	
<b>TBM1 Dismantling</b>							
<b>TBM1 Dismantling</b>							
<b>TSS Summary</b>							
TA85	WB TBM dismantling - TSS side	91	09-Oct-25 A	07-Jan-26	■ WB TBM dismantling - TSS side		

- ◆ Milestones
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Three Months Rolling Programme (Jan26-Mar26)

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2026		
					Jan	Feb	Mar
TA105	WB TBM dismantling - TSS Remaining Civil Works	80	08-Jan-26	28-Mar-26			
<b>CKL Summary</b>					203	13-Sep-25 A	04-Apr-26
TA325	WB TBM dismantling - CKL side	129	13-Sep-25 A	20-Jan-26			
TA335	WB TBM dismantling - CKL Remaining Civil Works	74	20-Jan-26	04-Apr-26			
<b>TSS side</b>					8	31-Dec-25	07-Jan-26
<b>TSS side - breakdown</b>					8	31-Dec-25	07-Jan-26
Erector /XB /MD					8	31-Dec-25	07-Jan-26
TA1351	Concrete Slab + HAG System Demo	8	31-Dec-25	07-Jan-26			
<b>CKL Side</b>					15	31-Dec-25	15-Jan-26
<b>CKL side - breakdown</b>					15	31-Dec-25	15-Jan-26
Shield					15	31-Dec-25	15-Jan-26
TA95	WB TBM dismantling - Shield Part 2	15	31-Dec-25	15-Jan-26			
<b>Eastbound - TBM S1282</b>					242	08-Dec-25 A	06-Aug-26
<b>TBM2 Tunneling</b>					72	08-Dec-25 A	17-Feb-26
<b>CP26-30</b>					72	08-Dec-25 A	17-Feb-26
EBTBM1290	EB TBM Tunneling Pilot tunnel section CH8800-8860 (60m; 7.6R/wk)	28	08-Dec-25 A	04-Jan-26			
EBTBM1540	EB TBM Small BH Breakthrough	0	04-Jan-26	04-Jan-26			
EBTBM1310	EB TBM Tunneling Cavern section CH8860-8900 (Pilot tunnel sec)	15	05-Jan-26	19-Jan-26			
EBTBM1320	EB TBM Tunneling Cavern section CH8900-8977 (Pilot tunnel sec)	29	20-Jan-26	17-Feb-26			
TA010	EB TSS - TBM Tunneling Breakout	0	17-Feb-26	17-Feb-26			
<b>TBM2 Rescue</b>					187	01-Feb-26	06-Aug-26
<b>Seawall Reinstatement</b>					187	01-Feb-26	06-Aug-26
A229450950	Phase 3 - Bay 7 to Bay 5 Seawall Reinstatement	141	01-Feb-26*	21-Jun-26			
A229450960	Phase 4 - Bay 4 to Bay 1 Seawall Reinstatement	141	19-Mar-26*	06-Aug-26			
<b>TBM2 Dismantling</b>					108	18-Feb-26	05-Jun-26
<b>TBM2 Dismantling Summary</b>					108	18-Feb-26	05-Jun-26
<b>TSS</b>					69	18-Feb-26	27-Apr-26
TA040	EB TBM dismantling - TSS side	69	18-Feb-26	27-Apr-26			
TA1601	EB Resume Service Gallery Installation	58	18-Feb-26	16-Apr-26			
<b>CKL</b>					108	18-Feb-26	05-Jun-26
TA1231	EB TBM dismantling - CKL side	108	18-Feb-26	05-Jun-26			
<b>TSS side</b>					51	18-Feb-26	09-Apr-26
TA020	EB TBM - Last 6 Rings Installation	6	18-Feb-26	23-Feb-26			
TA1661	Last ring securing + Talskin Cutting + Erector Prep	7	24-Feb-26	02-Mar-26			
<b>TSS side - breakdown</b>					45	24-Feb-26	09-Apr-26
Backup Gantries					45	24-Feb-26	09-Apr-26
TA1671	Gantry 4 Dismantling	13	24-Feb-26	08-Mar-26			
TA1661	G1 / Erector Disconnection + Gantries Pulling	2	09-Mar-26	10-Mar-26			
TA1711	Gantry 1-3 + Boggles Dismantling	30	11-Mar-26	09-Apr-26			
Erector /XB /MD					24	11-Mar-26	03-Apr-26
TA1731	Concrete Slab + HAG System Erection	12	11-Mar-26	22-Mar-26			
TA1741	Erector Extraction	5	23-Mar-26	27-Mar-26			
TA1751	Erector Dismantling	7	28-Mar-26	03-Apr-26			
TA1761	X Beam Extraction	6	28-Mar-26	02-Apr-26			
<b>CKL Side</b>					40	24-Feb-26	04-Apr-26
<b>CKL side - breakdown</b>					40	24-Feb-26	04-Apr-26
Cutterhead					40	24-Feb-26	04-Apr-26
TA1811	CKL Civil Works #1	21	24-Feb-26	16-Mar-26			
TA1821	Cutterhead dismantling Part 1 + Rotation	9	17-Mar-26	25-Mar-26			
TA1831	Cutterhead dismantling Part 2	10	26-Mar-26	04-Apr-26			
<b>TSS - Tunnel Civil Works</b>					447	17-Feb-25 A	09-May-26

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Three Months Rolling Programme (Jan26-Mar26)

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2026		
					Jan	Feb	Mar
<b>Westbound (WB)</b>							
WB TSS - Service Gallery		51	08-Jan-26	27-Feb-26			
Gallery Installation After TBM1 Dismantling		25	08-Jan-26	01-Feb-26			
TC3050	WB TSS - Sliding Rail Demobilisation	7	08-Jan-26	14-Jan-26	█		
TC3030A	WB TSS - Service Gallery up to R1087 to R1114 (CP30.9) (up to E)	5	15-Jan-26	19-Jan-26	█		
TC3040	WB TSS - Temporary Bracket for Early Power On (CP31 to CKL)	13	20-Jan-26	01-Feb-26	█		
<b>ISIG Dismantling &amp; Last Galleries</b>							
TC3060	WB TSS - ISIG Dismantling @ TSS	39	20-Jan-26	27-Feb-26			
TC3070	WB TSS - ISIG Dismantling @ TSS	16	20-Jan-26	04-Feb-26			
TC3070	WB TSS - 17 SG by Overhead rail & 4 by Sliding (R1115 to R1135	23	05-Feb-26	27-Feb-26			
WB TSS - Corbel		106	01-Dec-25 A	16-Mar-26			
<b>Corbel Construction After TBM1 Dismantling</b>							
TC1960	WB TSS Final - Corbel Structure from R1032 to R1108	59	01-Dec-25 A	28-Jan-26	█		
TC1970	WB TSS - Corbel Structure from R1109 to R1135 (up to end wall)	10	28-Feb-26	09-Mar-26			
<b>Concrete curing</b>							
TC1350	WB TSS Final - Corbel Structure from R1032 to R1108 (concrete c	7	28-Jan-26	04-Feb-26			
TC1660	WB TSS - Corbel Structure from R1109 to R1135 (up to end wall)	7	10-Mar-26	16-Mar-26			
<b>Monorail Removal</b>							
TC1090	WB TSS - Monorail Removal for final dismantling	7	28-Feb-26	06-Mar-26			
<b>ISCG Dismantling</b>							
TC1980	WB TSS - Corbel Gantry & Formwork dismantling	7	10-Mar-26	16-Mar-26			
<b>WB TSS - OHVD</b>							
<b>OHVD Installation After TBM1 Dismantling</b>							
TC1190	WB TSS Final - OHVD from R1020 to R1096 (CP30.5)	26	28-Jan-26	23-Feb-26			
TC1200	WB TSS Final - OHVD from R1097 to R1119 (CP31)	8	23-Feb-26	03-Mar-26			
<b>ISSG Dismantling &amp; Final OHVDs</b>							
TC11530	WB TSS - Final Lifting & Cast in-situ OHVD	6	31-Dec-25	05-Jan-26	█		
TC970	WB - ISSG Dismantling	7	17-Mar-26	23-Mar-26			
TC1230	WB TSS - OHVD Lifting Batch 1-3	14	24-Mar-26	06-Apr-26			
<b>WB TSS - Fire Board - Tunnel Crown with deletion up Ch8924</b>							
<b>Fire Board (Crown) Installation After TBM1 Dismantling</b>							
TC11580	WB TSS - Fire board (Crown) by Aerial Platform from CP29 to CP2	7	31-Dec-25	06-Jan-26	█		
TC11410	WB TSS - Aerial Platform dismantling	7	07-Jan-26	13-Jan-26	█		
<b>WB TSS - Fire Board - Road level with deletion up Ch8924</b>							
<b>After TBM1 Dismantling</b>							
TC11440	WB TSS - Fire Board - Walls & OHVD soffit - from CP26 to CP27	47	24-Nov-25 A	09-Jan-26	█		
TC11450	WB TSS - Fire Board - Walls & OHVD soffit - from CP27 to CP28	14	09-Jan-26	23-Jan-26	█		
TC1000	WB TSS - Fire Board - Walls & OHVD soffit - from CP28 to CP29	14	23-Feb-26	09-Mar-26			
TC1020	WB TSS - Fire Board - Walls & OHVD soffit - up to Ch8924	7	09-Mar-26	16-Mar-26			
TC1030	WB TSS - Fire Board Gables dismantling	8	16-Mar-26	24-Mar-26			
<b>Defect</b>							
TC11610	WB TSS - inspection before black paint & E&M bracket CP26 to C	7	09-Jan-26	16-Jan-26	█		
TC11620	WB TSS - inspection before black paint & E&M bracket CP27 to C	7	23-Jan-26	30-Jan-26	█		
TC11630	WB TSS - inspection before black paint & E&M bracket CP28 to C	7	09-Mar-26	16-Mar-26			
TC11640	WB TSS - inspection before black paint & E&M bracket CP29 to C	7	16-Mar-26	23-Mar-26			
<b>WB TSS - Road Barrier</b>							
<b>Road Barriers After TBM1 Dismantling</b>							
TC11670	WB TSS - Road Barrier from CP30.5 to CP31	4	03-Mar-26	07-Mar-26			
TC1285	WB TSS - Road Barrier from CP31 to endwall	5	17-Mar-26	21-Mar-26			
<b>WB TSS - E&amp;M Brackets</b>							
<b>E&amp;M Brackets Installation After TBM1 Dismantling</b>							
CP5		61	23-Jan-26	25-Mar-26			

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Activity ID	Activity Name	Dur	Start	Finish	2026		
					Jan	Feb	Mar
TC11050	WB TSS Final - E&M Brackets from CP27 to CP28 (CPS)	10	23-Jan-26	02-Feb-26			
TC1380	WB TSS Final - E&M Brackets from CP28 to CP29 (CPS)	3	09-Mar-26	12-Mar-26			
TC1400	WB TSS Final - E&M Brackets from CP29 to CP30 (CPS)	3	16-Mar-26	19-Mar-26			
TC1410	WB TSS Final - E&M Brackets from CP30 to CP31 (CPS)	3	19-Mar-26	22-Mar-26			
TC11550	WB TSS - E&M Bracket (last few rings) (CPS)	3	22-Mar-26	25-Mar-26			
<b>NCPS</b>		<b>78</b>	<b>09-Jan-26</b>	<b>28-Mar-26</b>			
TC11760	WB TSS Final - E&M Brackets from CP26 to CP27 (NCPS)	10	09-Jan-26	19-Jan-26			
TC11770	WB TSS Final - E&M Brackets from CP27 to CP28 (NCPS)	10	02-Feb-26	12-Feb-26			
TC11780	WB TSS Final - E&M Brackets from CP28 to CP29 (NCPS)	3	12-Mar-26	15-Mar-26			
TC11790	WB TSS Final - E&M Brackets from CP29 to CP30 (NCPS)	3	19-Mar-26	22-Mar-26			
TC11800	WB TSS Final - E&M Brackets from CP30 to CP31 (NCPS)	3	22-Mar-26	25-Mar-26			
TC11810	WB TSS - E&M Bracket (last few rings) (NCPS)	3	25-Mar-26	28-Mar-26			
<b>WB TSS - Black paint</b>		<b>8</b>	<b>23-Mar-26</b>	<b>31-Mar-26</b>			
<b>After TBM1 Dismantling</b>		<b>8</b>	<b>23-Mar-26</b>	<b>31-Mar-26</b>			
TC1490	WB TSS - Black paint from CP26 to CP30	4	23-Mar-26	27-Mar-26			
TC11590	WB TSS - Black paint from CP30 to CP31	4	27-Mar-26	31-Mar-26			
<b>WB TSS - Below Road Level Installation</b>		<b>128</b>	<b>13-Dec-25 A</b>	<b>19-Apr-26</b>			
<b>Service Gallery Civil Provision</b>		<b>95</b>	<b>13-Dec-25 A</b>	<b>17-Mar-26</b>			
TC1100	WB TSS - Service Gallery Civil Provision from CP27.9 (R974) to R	48	13-Dec-25 A	29-Jan-26			
TC1130	WB TSS - Service Gallery Civil Provision from R1082 to R1086	18	30-Jan-26	16-Feb-26			
TC1140	WB TSS - Service Gallery Civil Provision from R1087 to R1135	18	28-Feb-26	17-Mar-26			
<b>MMEP</b>		<b>65</b>	<b>31-Dec-25</b>	<b>05-Mar-26</b>			
TC11310	WB TSS - Service Gallery MMEP from R974 (CP27.9) to CP29	18	31-Dec-25	17-Jan-26			
TC1160	WB TSS - Service Gallery MMEP from CP29 (R1026) to R1081 (C	6	18-Jan-26	23-Jan-26			
TC1170	WB TSS - Service Gallery MMEP from R1082 to R1086	6	24-Jan-26	29-Jan-26			
TC1180	WB TSS - Service Gallery MMEP from R1087 to R1135	6	28-Feb-26	05-Mar-26			
<b>FS Control Room</b>		<b>21</b>	<b>28-Feb-26</b>	<b>20-Mar-26</b>			
TC920	WB TSS - FS Control Room Construction	21	28-Feb-26	20-Mar-26			
<b>Low Point @ CP27</b>		<b>27</b>	<b>24-Mar-26</b>	<b>19-Apr-26</b>			
TC910	WB TBM Tunnel - Cast In-situ Low Point Sump Pit construction (al	27	24-Mar-26	19-Apr-26			
<b>WB TSS - TCSS Civil provision at OHVD soffit</b>		<b>80</b>	<b>16-Jan-26</b>	<b>06-Apr-26</b>			
<b>After TBM1 Dismantling</b>		<b>80</b>	<b>16-Jan-26</b>	<b>06-Apr-26</b>			
TC11650	WB TSS Final - TCSS Civil provision from CP26 to CP27	7	16-Jan-26	23-Jan-26			
TC1570	WB TSS Final - TCSS Civil provision from CP27 to CP28	7	02-Feb-26	09-Feb-26			
TC11660	WB TSS Final - TCSS Civil provision from CP28 to CP29	7	16-Mar-26	23-Mar-26			
TC1590	WB TSS Final - TCSS Civil provision from CP29 to CP30	7	23-Mar-26	30-Mar-26			
TC1560	WB TSS Final - TCSS Civil provision from CP30 to CP31	7	30-Mar-26	06-Apr-26			
<b>Eastbound (EB)</b>		<b>447</b>	<b>17-Feb-25 A</b>	<b>09-May-26</b>			
<b>EB TSS - TBM Slurry Pipes &amp; Temporary Services</b>		<b>75</b>	<b>24-Feb-26</b>	<b>09-May-26</b>			
<b>Pipe dismantling &amp; relocation after TBM2 Breakthrough</b>		<b>75</b>	<b>24-Feb-26</b>	<b>09-May-26</b>			
<b>CP22 to Back of TBM</b>		<b>21</b>	<b>24-Feb-26</b>	<b>16-Mar-26</b>			
AZ29447750	TSS - EB NCPS Wall Pipe Dismantling from CP22 to CP27 (back o	21	24-Feb-26	16-Mar-26			
<b>CP7 to CP22</b>		<b>54</b>	<b>17-Mar-26</b>	<b>09-May-26</b>			
AZ29447730	TSS - EB NCPS Wall Pipe Dismantling from FT to CP22	54	17-Mar-26	09-May-26			
<b>EB TSS - Civil Works Before Dismantling</b>		<b>141</b>	<b>04-Nov-25 A</b>	<b>24-Mar-26</b>			
<b>Corbel Construction Before TBM2 Dismantling</b>		<b>30</b>	<b>31-Dec-25</b>	<b>29-Jan-26</b>			
AZ29415962	EB TSS - Corbel Structure up to CP25	15	31-Dec-25	14-Jan-26			
AZ29415972	EB TSS - Corbel Structure up to CP26	15	15-Jan-26	29-Jan-26			
<b>OHVD Installation Before TBM Dismantling</b>		<b>8</b>	<b>17-Mar-26</b>	<b>24-Mar-26</b>			
<b>CP21-26</b>		<b>8</b>	<b>17-Mar-26</b>	<b>24-Mar-26</b>			
TC320	EB TSS - OHVD up to CP24	4	17-Mar-26	20-Mar-26			

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Activity ID	Activity Name	Dur	Start	Finish	2026		
					Jan	Feb	Mar
TC330	EB TSS - OHVD up to CP25	4	21-Mar-26	24-Mar-26			
<b>Gallery Installation Before TBM2 Dismantling</b>							
EBTBM1510	EB TSS - Service Gallery up to CH861 (R818)	91	04-Nov-25 A	02-Feb-26			
EBTBM1480	EB TSS - Service Gallery up to CH8700 (R935) and allow start of	18	03-Jan-26	20-Jan-26	EB TSS - Service Gallery up to CH861 (R818)		
EBTBM1520	EB TSS - Service Gallery up to R836 to R947	13	21-Jan-26	02-Feb-26	EB TSS - Service Gallery up to CH8700 (R935) and allow start of CP27 EB 1ym		
<b>EB TSS - Civil Works After Dismantling</b>							
EB TSS - Corbel		22	17-Mar-26	07-Apr-26	EB TSS - Service Gallery up to R836 to R947		
<b>Corbel Construction After TBM2 Dismantling</b>							
TC210	EB TSS Final - Corbel Structure from CP26 to CP27	15	24-Mar-26	07-Apr-26			
<b>EB TSS - Road Barrier</b>							
TC10160	EB TSS - Road Barrier up to CP25	10	17-Mar-26	26-Mar-26			
TC10170	EB TSS - Road Barrier up to CP26	5	17-Mar-26	21-Mar-26			
<b>EB TSS - Fire Board - Tunnel Crown with deletion up to CH8850</b>							
D12585	EB TSS - Fire board (Crown) up to CP24	5	22-Mar-26	26-Mar-26			
D12595	EB TSS - Fire board (Crown) up to CP25	16	17-Mar-26	01-Apr-26			
D12595	EB TSS - Fire board (Crown) up to CP25	8	17-Mar-26	24-Mar-26			
D12595	EB TSS - Fire board (Crown) up to CP25	8	25-Mar-26	01-Apr-26			
<b>EB TSS - Fire Board - Road level with deletion up to CH8850</b>							
TC420	EB TSS - Fire Board - Walls & OHVD Soffit up to CP24	22	17-Mar-26	07-Apr-26			
TC430	EB TSS - Fire Board - Walls & OHVD Soffit up to CP25	11	17-Mar-26	27-Mar-26			
TC430	EB TSS - Fire Board - Walls & OHVD Soffit up to CP25	11	28-Mar-26	07-Apr-26			
<b>EB TSS - E&amp;M Brackets</b>							
TC620	EB - TBM Tunnel - E&M Bracket from CP22 to CP23	13	21-Mar-26	02-Apr-26			
TC630	EB - TBM Tunnel - E&M Bracket up to CP24	6	21-Mar-26	26-Mar-26			
TC630	EB - TBM Tunnel - E&M Bracket up to CP24	6	28-Mar-26	02-Apr-26			
<b>EB TSS - Below Road Level Installation</b>							
CP26-30 MMEP		378	17-Feb-25 A	01-Mar-26			
TC11080	EB TSS - Service Gallery MIMEP up to CP26 R885	12	03-Feb-26	14-Feb-26			
TC11100	EB TSS - Service Gallery MIMEP up to CP27 R930	6	03-Feb-26	08-Feb-26	EB TSS - Service Gallery MIMEP up to CP26 R885		
TC11100	EB TSS - Service Gallery MIMEP up to CP27 R930	6	09-Feb-26	14-Feb-26	EB TSS - Service Gallery MIMEP up to CP27 R930		
<b>Low Point Sump Pit</b>							
Low Point @ CP12		345	17-Feb-25 A	27-Jan-26			
TC11330	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM c	6	03-Feb-26	08-Feb-26			
FSIRoom		21	09-Feb-26	01-Mar-26			
TC070	EB TSS - FSI Room 9 - civil works	7	28-Mar-26	03-Apr-26			
<b>EB TSS - TCSS Civil provision at OHVD soffit</b>							
TC800	EB - TBM Tunnel - TCSS Civil provision at OHVD soffit up to CP23	7	28-Mar-26	03-Apr-26			
<b>08 CKL Tunnel</b>							
<b>Westbound (WB)</b>							
<b>WB CKL - After TBM breakthrough</b>							
<b>Westbound (WB) Final Structure Works</b>							
<b>Service Gallery</b>							
TB1090	WB - Concrete Breaking & Temp fill removal	23	20-Jan-26	12-Feb-26			
TB1100	WB - Concrete Breaking & Temp fill removal	6	20-Jan-26	26-Jan-26			
TB1110	WB - Remaining precast SG (7 nos.)	4	26-Jan-26	30-Jan-26	WB - Concrete Breaking & Temp fill removal		
TB1120	WB - Insitu SG at End Wall (4m)	9	30-Jan-26	08-Feb-26	WB - Remaining precast SG (7 nos.)		
TB1180	WB - Drainage & Road Slab	4	08-Feb-26	12-Feb-26	WB - Insitu SG at End Wall (4m)		
<b>OHVD</b>							
TB1200	WB - OHVD Formwork Erection	45	12-Feb-26	29-Mar-26	WB - Drainage & Road Slab		
TB1230	WB - Type A2 OHVD (1 bays, 4d.bay)	6	12-Feb-26	18-Feb-26			
TB1260	WB - Type A2 OHVD (2 bays, 4d.bay)	4	18-Feb-26	22-Feb-26	WB - OHVD Formwork Erection		
TB1290	WB - Type A2 OHVD Formwork Dismantling	8	22-Feb-26	02-Mar-26	WB - Type A2 OHVD (1 bays, 4d.bay)		
TB1340	WB - Defect Rectification and HyD inspection, Black paint	6	02-Mar-26	08-Mar-26	WB - Type A2 OHVD (2 bays, 4d.bay)		
<b>Westbound (WB) Final Civil Works</b>							
<b>Barrier</b>							
TB1320	WB - Type A Dr&R - Remaining Road Barrier	24	08-Mar-26	01-Apr-26	WB - Type A2 OHVD Formwork Dismantling		
<b>E&amp;M Brackets, Black paint, &amp; TCSS Civil Provision</b>							
TB1320	WB - Type A Dr&R - Remaining Road Barrier	3	08-Mar-26	11-Mar-26			
<b>E&amp;M Brackets, Black paint, &amp; TCSS Civil Provision</b>							
<b>E&amp;M Brackets, Black paint, &amp; TCSS Civil Provision</b>							

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Activity ID	Activity Name	Dur	Start	Finish	2026		
					Jan	Feb	Mar
TB1310	WB - Type A Dr&Br - Remaining Bracket	3	29-Mar-26	01-Apr-26			
<b>WB End Wall Civil &amp; Structure Works</b>							
46		12-Feb-26	30-Mar-26				
TB1150	WB - End Wall Kicker & Wall	26	12-Feb-26	10-Mar-26			
TB1220	WB - End Wall Corbel Construction	4	10-Mar-26	14-Mar-26			
TB1240	WB - End Wall Parapet	3	10-Mar-26	13-Mar-26			
TB1270	WB - End Wall Temporary L-frame Construction	1	13-Mar-26	14-Mar-26			
TB1250	WB - End Wall Crown Falsework Erection	8	14-Mar-26	22-Mar-26			
TB1280	WB - End Wall E&M Bracket	1	22-Mar-26	23-Mar-26			
TB1300	WB - End Wall Crown Concreting & Falsework Removal	5	22-Mar-26	27-Mar-26			
TB1380	WB - End Wall Transition OHVD	3	27-Mar-26	30-Mar-26			
<b>09 Cross Passages</b>							
189		06-Nov-25 A	13-May-26				
<b>Cross Passages @ TSS &amp; CKL Tunnel (CP7 to CP33)</b>							
189		06-Nov-25 A	13-May-26				
<b>CP25 by Mini TBM</b>							
147		06-Nov-25 A	01-Apr-26				
A8260	CP25 - Internal & Collar Structure & ABWF	103	06-Nov-25 A	16-Feb-26			
A8280	CP25 - E&M Installation	14	17-Feb-26	02-Mar-26			
A8340	Remaining Civil Works	30	03-Mar-26	01-Apr-26			
<b>CP26 by Mini TBM</b>							
102		13-Dec-25 A	24-Mar-26				
A229450660	CP26 - Lining Grouting	28	13-Dec-25 A	09-Jan-26			
A8270	CP26 - Internal & Collar Structure & ABWF	60	10-Jan-26	10-Mar-26			
A8300	CP26 - E&M Installation	14	11-Mar-26	24-Mar-26			
<b>CP27 by Mini TBM</b>							
113		21-Jan-26	13-May-26				
TD0300	CP27 - EB - Tympanum Civil works R0935E	27	21-Jan-26	16-Feb-26			
A7972	CP27 - Mobilisation	12	17-Feb-26	28-Feb-26			
TD1450	CP27 - EB - Tympanum Strength Gain	14	17-Feb-26	02-Mar-26			
A229450670	CP27 - CP TBM mining	6	03-Mar-26	08-Mar-26			
A7982	Mini TBM Demo after last CP is mined	15	09-Mar-26	23-Mar-26			
A229450680	CP27 - Lining Grouting	6	09-Mar-26	14-Mar-26			
A8290	CP27 - Internal & Collar Structure & ABWF	60	15-Mar-26	13-May-26			
<b>CP28 by D&amp;Br</b>							
101		31-Dec-25 A	10-Apr-26				
TD1250	CP28 - Final Break-out	7	31-Dec-25 A	06-Jan-26			
TD1290	CP28 - Remaining Lining/Collar structure	80	07-Jan-26	27-Mar-26			
TD1300	CP28 - E&M Installation	14	28-Mar-26	10-Apr-26			
TD1320	CP28 - WB Tympanum Remaining Civil Work	9	28-Mar-26	05-Apr-26			
<b>CP29 by D&amp;Br</b>							
111		20-Jan-26	10-May-26				
TD1490	CP29 - Excavation from WB (Part 2 subject to EB TBM progress)	24	20-Jan-26	12-Feb-26			
TD1351	CP29 - EB - Final Break-out	7	13-Feb-26	19-Feb-26			
TD1380	CP29 - Remaining Lining/Collar structure	80	20-Feb-26	10-May-26			
<b>CP30 Remaining Works</b>							
68		28-Jan-26	06-Apr-26				
<b>CP30 remaining works</b>							
68		28-Jan-26	06-Apr-26				
TD1140	CP30 WB TSS - Sawcut & final breaking work CP30	18	28-Jan-26	15-Feb-26			
TD1150	CP30 - Waterproofing	3	15-Feb-26	18-Feb-26			
TD1160	CP30 - Collar structure at WB TSS	16	18-Feb-26	06-Mar-26			
TD1200	CP30 - Remaining lining structure	19	06-Mar-26	25-Mar-26			
TD1210	CP30 - E&M Installation	12	25-Mar-26	06-Apr-26			
<b>CP31 Remaining Works</b>							
18		24-Mar-26	10-Apr-26				
<b>CP31 remaining works</b>							
18		24-Mar-26	10-Apr-26				
TD1170	CP31 WB TSS - Sawcut & final breaking work CP31	18	24-Mar-26	10-Apr-26			
<b>10 East Ventilation Building - EVB</b>							
92		31-Dec-25	01-Apr-26				
<b>EVB Remaining Works (TBC)</b>							
92		31-Dec-25	01-Apr-26				
<b>Landscape works</b>							
92		31-Dec-25	01-Apr-26				
EVB1650	EVB - Hard Landscape - Above G/F	92	31-Dec-25	01-Apr-26			

- ◆ Milestones
- ◆ Planned Bar
- ◆ Actual Bar

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

Three Months Rolling Programme (Jan26-Mar26)

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2026		
					Jan	Feb	Mar
<b>11 Tunnel E&amp;M Installation</b>							
		209	29-Sep-25 A	25-Apr-26			
<b>WB - E&amp;M Works</b>							
		112	31-Dec-25	21-Apr-26			
<b>WB - HV Cabling &amp; HV Power On</b>							
		66	02-Feb-26	08-Apr-26			
TE1140	WB Tunnel - Temporary HV Cable laying	14	02-Feb-26	15-Feb-26			
TE1150	WB Tunnel - Early HV Power On	14	16-Feb-26	01-Mar-26			
TE1180	WB Tunnel - Permanent HV Cable laying (Final Section)	18	22-Mar-26	08-Apr-26			
<b>WB - LV Cabling &amp; LV Power On</b>							
		112	31-Dec-25	21-Apr-26			
TF170	WB CKL - CP32-EVB Portal E&M installation	90	31-Dec-25	30-Mar-26			
E&MC1180	WB SUS CP1 to CP12 - E&M Installation (Final Stage)	60	31-Dec-25	28-Feb-26			
E&MC1170	WB TSS - CP23-27 E&M installation (Final Stage subject to CP31)	30	22-Mar-26	21-Apr-26			
<b>WB - Below Road Level E&amp;M Installation</b>							
		90	18-Jan-26	17-Apr-26			
<b>MIMEP</b>							
		71	18-Jan-26	29-Mar-26			
TC1240	WB TSS - Service Gallery MMEP Connection up to CP29	6	18-Jan-26	23-Jan-26			
TC1250	WB TSS - Service Gallery MMEP Connection up to R1081 (CP30)	6	24-Jan-26	29-Jan-26			
TC1260	WB TSS - Service Gallery MMEP Connection up to R1086	6	30-Jan-26	04-Feb-26			
TC1290	WB TSS - Service Gallery MMEP Connection up to R1135	6	06-Mar-26	11-Mar-26			
TF070	WB TSS - Service Gallery E&M Installation	18	12-Mar-26	29-Mar-26			
<b>FS Control Room</b>							
		28	21-Mar-26	17-Apr-26			
TC950	WB TSS - FS Control Room E&M Installation	28	21-Mar-26	17-Apr-26			
<b>EB - E&amp;M Works</b>							
		209	29-Sep-25 A	25-Apr-26			
<b>EB - HV Cabling &amp; HV Power On</b>							
		28	02-Feb-26	01-Mar-26			
TE1200	EB Tunnel - Temporary HV Cable laying	14	02-Feb-26	15-Feb-26			
TE1210	EB Tunnel - Early HV Power On	14	16-Feb-26	01-Mar-26			
<b>EB - LV Cabling &amp; LV Power On</b>							
		209	29-Sep-25 A	25-Apr-26			
E&MC1130	EB CKL - CP31 to EVB Portal - E&M installation	98	29-Sep-25 A	04-Jan-26			
E&MC1150	EB SUS to TSS CP12 - E&M Installation (Final Stage)	60	31-Dec-25	28-Feb-26			
E&MC1100	EB TSS - CP16-21 E&M installation (Final Stage)	30	27-Mar-26	25-Apr-26			
<b>EB - Below Road Level E&amp;M Installation</b>							
		28	02-Mar-26	29-Mar-26			
<b>FS Room</b>							
		28	02-Mar-26	29-Mar-26			
TC150	EB TBM Tunnel - FS Control Room E&M Installation	28	02-Mar-26	29-Mar-26			
<b>12 Projectwide TCSS Installation</b>							
		760	12-Aug-24 A	10-Sep-26			
<b>WB - TCSS Installation</b>							
		706	12-Aug-24 A	18-Jul-26			
TE1170	WB - TCSS Installation concurrent with E&M installation	706	12-Aug-24 A	18-Jul-26			
TF030	WB - TBM Tunnel - TCSS fibre cabling	387	20-Jan-25 A	10-Feb-26			
TF040	WB - TBM Tunnel - TCSS Signage Installation	381	20-Jan-25 A	04-Feb-26			
<b>EB - TCSS Installation</b>							
		679	01-Nov-24 A	10-Sep-26			
TE160	EB - TCSS Installation concurrent with E&M installation	679	01-Nov-24 A	10-Sep-26			
TE130	EB - TBM Tunnel - TSSC Fibre Cabling	580	20-Jan-25 A	23-Aug-26			
TE170	EB - TBM Tunnel - TSSC Sign Installation	541	20-Jan-25 A	14-Jul-26			
<b>14 Projectwide Final Works</b>							
		204	30-Sep-25 A	21-Apr-26			
<b>Cladding</b>							
		187	30-Sep-25 A	04-Apr-26			
<b>Eastbound</b>							
		187	30-Sep-25 A	04-Apr-26			
<b>Typical Subframe &amp; Cladding</b>							
		91	04-Jan-26	04-Apr-26			
<b>EB CPS</b>							
		24	04-Jan-26	28-Jan-26			
VE1020	VE Panel - EB SUS (CPS) 400m	24	04-Jan-26	28-Jan-26			
VE10280	VE Panel - EB TSS CP7-12 (CPS) 500m	24	09-Jan-26	02-Feb-26			
VE10240	VE Panel - EB LSSC to CP7 (CPS) 150m	10	26-Mar-26	04-Apr-26			
<b>EB NCPS</b>							
		145	30-Sep-25 A	21-Feb-26			
		97	30-Sep-25 A	04-Jan-26			
VE10591	VE Panel - EB TSS CP7-12 (NCPS) 500m	97	30-Sep-25 A	04-Jan-26			
VE10601	VE Panel - EB TSS CP12-18 (NCPS) 500m	87	15-Oct-25 A	09-Jan-26			
VE10791	VE Panel - EB TSS CP26 to 29 (NCPS) 300m	14	31-Dec-25	13-Jan-26			

- ◆ Milestones
- ◆ Planned Bar
- ◆ Actual Bar

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

Three Months Rolling Programme (Jan26-Mar26)

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish	2026		
					Jan	Feb	Mar
VE10571	VE Panel - EB SUS (NCPS) 400m	24	28-Jan-26	21-Feb-26			
<b>Westbound</b>							
<b>Typical Subframe &amp; Cladding</b>							
	WB CPS	85	31-Dec-25	25-Mar-26			
VE10021	VE Panel - WB SUS (CPS) 400m	24	31-Dec-25	23-Jan-26			
VE10060	VE Panel - WB TSS CP7-12 (CPS) 500m	24	01-Mar-26	24-Mar-26			
VE10022	VE Panel - WB LSCC to CP7 (CPS) 150m	10	16-Mar-26	25-Mar-26			
<b>WB NCPS</b>							
VE10651	VE Panel - WB SUS (NCPS) 400m	24	24-Jan-26*	16-Feb-26			
<b>Pavement</b>							
<b>Westbound</b>							
PAV10010	Pavement - WB Initial Layers TSS CP7 to CP17 (Learning Curve)	28	25-Mar-26	21-Apr-26			
<b>Infrastructure Works</b>							
<b>06 Road S20</b>							
<b>VO - Modification of Irrigation System at Charging Station Run-in</b>							
A1070	S20 - Shrubs Reinstatement (Non Critical)	12	31-Dec-25	14-Jan-26			
<b>07 Road L10(N)</b>							
<b>L10(N) Landscape (KD-26)</b>							
LN10110	L10(N) - Landscape softwork (TBC)	26	03-Jan-26	03-Feb-26			
LN10120	KD-26 - Section 9D - Road L10 (N) Landscape Softworks	0		03-Feb-26			
<b>L10(N) Remaining works</b>							
LN10150	Road L10N - Final Paving works & Road Marking	20	31-Dec-25	19-Jan-26			
LN10100	Road L10N - Drainage T&C	21	31-Dec-25	20-Jan-26			
<b>L10 (N) Remaining Road Works (Subject to Manpower)</b>							
A229450270	L10 (N) - Remaining Road Signage	257	01-Mar-25 A	24-Jan-26			
<b>08 Road L10(S) &amp; L18</b>							
<b>L10(S) &amp; L18 Landscape (KD-24)</b>							
A229445710	L10 (S) & L18 - Landscape softwork (TBC)	53	31-Oct-25 A	03-Jan-26			
A229445711	KD-24 - Completion of Section 9B - Remaining Stage 5 Infrastruct	0		03-Jan-26			
<b>L10(S) &amp; L18 Remaining works</b>							
<b>Roadside Area adjacent to L10(S)</b>							
<b>Design</b>							
A229448800	Design Approval - Landscape (225000)	0	03-Feb-26	03-Feb-26			
<b>Landscape</b>							
A229448820	Roadside Area adjacent to L10S - Landscape (TBC)	30	03-Feb-26	05-Mar-26			

- ◆ Milestones
- Planned Bar
- Actual Bar

ED/2018/04 Trunk Road T2 and Infrastructure Works  
for Developments at South Apron  
Three Months Rolling Programme (Jan26-Mar26)

Date	Revision	Checked	Approved

**TRUNK ROAD T2  
TRAFFIC CONTROL SURVEILLANCE SYSTEM AND ASSOCIATED WORKS  
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 Dec 48	2026 Jan 48	2026 Feb 50	2026 Mar 53
<b>Trunk Road T2 - Traffic Control &amp; Surveillance System &amp; Associated Works</b>													
<b>Access Dates</b>													
AC1030	Portion 4 - TKO-LTT (LT Interchange)	0	01-Jan-26	14-Mar-26	16-Aug-24	31-Oct-26							
AC1040	Underpass S21	0	01-Jan-26		30-Dec-24								
AC1050i	Portion 2 - LS - CKL Tunnel CP7 to CP11 (Niche cabinet) - EB	0	01-Jan-26		15-Feb-25								
AC1060i	Portion 2 - LS - CKL Tunnel CP11 to CP16 (Niche Cabinet) - EB	0	01-Jan-26		31-Oct-26								
AC1070i	Portion 2 - LS - CKL Tunnel CP16 to CP21 (Niche Cabinet) - EB	0	01-Jan-26		31-Oct-26								
AC1080f	Portion 2 - LS - CKL Tunnel CP24 to CP26 (Road Level) - WB	0	14-Mar-26		16-Aug-24								
<b>Milestones of Contract T2</b>													
KD1050	Commencement of Project-wide FSD Inspection - Contract T2	0	01-Jan-26	01-Jan-26	27-Mar-25	27-Mar-25							
<b>Summary by Cost Center</b>													
<b>Cost Center B - Central System</b>													
SC1090	SAT Plan Submission & Approval for Central System	78	02-Jan-26	10-Feb-26	11-Apr-25	11-Apr-25	22-Jul-25		DS3500: SS				
SC1080	Site Installation of Central System	25	02-Jan-26	13-Jun-26	16-Aug-24	14-Mar-25	01-Sep-25		SW1100: SS, SW1120: SS, SW1960: SS, SW1090: SS, SW1670: SS, SW1770: SS				
<b>Cost Center C - Traffic Control Devices</b>													
SC1200	SCT Plan Submission & Approval for Traffic Control Devices	0	02-Jan-26	10-Feb-26	23-Sep-24	22-Feb-25	23-Sep-24		DS2980: SS				
SC1210	Site Installation of Traffic Control Devices	166	02-Jan-26	09-Sep-26	05-Mar-25	22-Aug-25	05-Mar-25		SW1110: SS				
SC1220	SAT Plan Submission & Approval for Traffic Control Devices	84	02-Jan-26	14-Apr-26	30-Dec-24	11-Apr-25			DS3540: SS				
<b>Cost Center D - Communication System</b>													
SC1330	Site Installation of Communication System	30	02-Jan-26	13-Jun-26	16-Aug-24	14-Mar-25	01-Sep-25		SW1100: SS, SW1120: SS, SW1960: SS, SW1670: SS				
<b>Cost Center E - CCTV System</b>													
SC1480	SAT Plan Submission & Approval for CCTV System	0	02-Jan-26	10-Feb-26	18-Nov-24	06-Mar-25	18-Nov-24		DS3620: SS				
SC1470	Site Installation of CCTV System	76	02-Jan-26	09-Sep-26	04-Feb-25	04-Feb-25	31-Mar-25		SW1060: SS, SW1940: SS				
<b>Cost Center F - PABX System</b>													
SC1590	Site Installation of PABX System	120	02-Jan-26	13-Jul-26	27-Dec-24	07-Apr-25	27-Dec-24		SW2380: SS				
SC1620	SCT of PABX System	184	13-Jan-26	24-Aug-26	11-Jan-25	21-May-25			SW2770: SS, SW2770a: SS				
<b>Cost Center G - ET System</b>													
SC1740	SAT Plan Submission & Approval for ET System	0	02-Jan-26	19-Jan-26	27-Dec-24	03-Apr-25	27-Dec-24		DS3700: SS				
SC1720	Site Installation of ET System	74	02-Jan-26	23-Sep-26	02-Jan-25	06-Feb-25	02-Jan-25		SW2340: SS				
<b>Cost Center H - PA System</b>													
SC1860	Site Installation of PA System	130	02-Jan-26	29-Jun-26	01-Nov-24	29-Jun-26	01-Nov-24		SW2370: SS, SW3170: FF				
<b>Cost Center I - Radio System</b>													
SC2000	SAT Plan Submission & Approval for Radio System	84	02-Jan-26	07-Jan-26	03-Apr-25	03-Apr-25	04-Jul-25		DS3780: SS				
SC1990	Site Installation of Radio System	106	02-Jan-26	20-Jul-26	06-Feb-25	06-Feb-25	18-Aug-25		SW2390: SS				
<b>Cost Center J - Detection System</b>													
SC2120	Site Installation of Detection System	156	02-Jan-26	05-Sep-26	17-Jan-25	17-Jan-25	31-Mar-25		SW1070: SS, SW1250: SS				
SC2130	SAT Plan Submission & Approval for Detection System	84	02-Jan-26	10-Feb-26	16-Apr-25	16-Apr-25	05-Aug-25		DS3820: SS				
<b>Cost Center K - Manual Fallback System</b>													
SC2240	Site Installation of Manual Fallback System	0	02-Jan-26	06-Apr-26	01-Aug-24	30-Sep-25	01-Aug-24		EM1110: SS				
SC2270	SAT Plan Submission & Approval for Manual Fallback System	84	02-Jan-26	10-Feb-26	22-Feb-25	22-Feb-25	22-Jul-25		DS3860: SS				
<b>Cost Center L - Speed Enforcement System</b>													
SC2380	Reliability Test Plan Submission & Approval for Speed Enforcement System	84	02-Jan-26	10-Feb-26	21-Dec-24	11-Apr-25	21-Dec-24		DS3940: SS				

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025 Dec 26	Jan 26	2026 Feb 20	Mar 31
SC2340	Installation Drawing Preparation, Submission & Approval for Speed Enforcement System	60	02-Jan-26	27-Jan-26	10-Mar-25	10-Mar-25	12-Jul-25		DS6290: SS				
SC2400	SCT of Speed Enforcement System	102	02-Jan-26	07-Nov-26	21-May-25	21-May-25	21-Aug-25		DS8860: FS				
SC2390	Site Installation of Speed Enforcement System	207	02-Jan-26	09-Sep-26	18-Oct-24	22-Mar-25			SW2330: SS				
<b>Cost Center M - Power Distribution System</b>		98	02-Jan-26	16-Sep-26	01-Apr-24	26-Mar-25	01-Apr-24						
SC2480	Site Installation of Power Distribution System	98	02-Jan-26	16-Sep-26	01-Apr-24	26-Mar-25	01-Apr-24		SW1920: SS, SW2250: SS, SW1650: SS				
<b>Operation Facilities</b>		384	02-Jan-26	30-Apr-26	19-Aug-24	31-Oct-26	31-Dec-24						
SC2680	Site Installation of Operation Facilities	0	02-Jan-26	30-Apr-26	02-Jan-25	31-Oct-26	31-Dec-24		EM1120: FS				
SC2630	Installation Drawing Preparation, Submission & Approval for Operation Facilities	53	02-Jan-26	07-Mar-26	19-Aug-24	22-Oct-24			DS6250: SS				
SC2710	SAT Plan Submission & Approval for Operation Facilities	84	02-Jan-26	14-Apr-26	30-Dec-24	11-Apr-25			DS3900: SS				
<b>Design &amp; Submissions</b>		304	02-Jan-26	02-Jan-26	27-Aug-24	25-Jun-25	29-Aug-23						
<b>FSP Submissions (42 Working Days after Commencement of FSP)</b>		304	02-Jan-26	02-Jan-26	27-Aug-24	25-Jun-25	29-Aug-23						
<b>FSP Batch 1 Submission</b>		304	02-Jan-26	02-Jan-26	27-Aug-24	25-Jun-25	29-Aug-23						
<b>Central System</b>		304	02-Jan-26	02-Jan-26	27-Aug-24	25-Jun-25	29-Aug-23						
<b>Traffic Plan Review &amp; Combine</b>		140	02-Jan-26	02-Jan-26	27-Aug-24	27-Aug-24	28-Dec-23						
DS7300	Traffic Plan Review & Combine Workshop	140	02-Jan-26	02-Jan-26	27-Aug-24	27-Aug-24	28-Dec-23		DS1830: FS 22				
<b>IT Security Risk Assessment Plan</b>		30	02-Jan-26	02-Jan-26	25-Jun-25	25-Jun-25	29-Aug-23						
DS7440	Approval on IT Security Risk Assessment Plan	30	02-Jan-26	02-Jan-26	25-Jun-25	25-Jun-25	29-Aug-23		DS7430: FS				
<b>Interface Coordination &amp; Integration with Other Parties</b>		72	02-Jan-26	30-Mar-26	06-Apr-24	03-Jul-24							
<b>Interfacing Coordination with T2</b>		72	02-Jan-26	30-Mar-26	06-Apr-24	03-Jul-24							
<b>Preliminary Interfacing Management Plan (PIMP)</b>		72	02-Jan-26	30-Mar-26	06-Apr-24	03-Jul-24							
DS6890	Prepare & Submit PIMP with T2	24	02-Jan-26	29-Jan-26	06-Apr-24	04-May-24			DS2680: FS 211				
DS6900	Comment on PIMP with T2	24	30-Jan-26	02-Mar-26	06-May-24	03-Jun-24			DS6890: FS				
DS6910	Resubmit PIMP with T2	12	03-Mar-26	16-Mar-26	04-Jun-24	18-Jun-24			DS6900: FS				
DS6920	Approval of PIMP with T2	12	17-Mar-26	30-Mar-26	19-Jun-24	03-Jul-24			DS6910: FS				
<b>Drawing &amp; Installation Method Statement Submissions</b>		118	02-Jan-26	07-Mar-26	19-Aug-24	10-Mar-25	05-Aug-25						
<b>Installation Drawing Submission</b>		118	02-Jan-26	07-Mar-26	19-Aug-24	10-Mar-25	05-Aug-25						
<b>Operation Facility</b>		53	02-Jan-26	07-Mar-26	19-Aug-24	22-Oct-24							
DS6250	Prepare & Submit Installation Drawing for Operation Facility	5	02-Jan-26	07-Mar-26	19-Aug-24	23-Aug-24			DS2532: FS				
DS6260	Comment on Installation Drawing for Operation Facility	24	08-Jan-26	04-Feb-26	24-Aug-24	21-Sep-24			DS6250: FS				
DS6270	Resubmit Installation Drawing for Operation Facility	12	05-Feb-26	21-Feb-26	23-Sep-24	07-Oct-24			DS6260: FS				
DS6280	Approval of Installation Drawing for Operation Facility	12	23-Feb-26	07-Mar-26	08-Oct-24	22-Oct-24			DS6270: FS, SC2630: FF				
<b>Speed Enforcement System</b>		87	02-Jan-26	27-Jan-26	13-Feb-25	10-Mar-25	05-Aug-25						
DS6310	Resubmit Installation Drawing for Speed Enforcement System	12	02-Jan-26	13-Jan-26	13-Feb-25	24-Feb-25	05-Aug-25		DS6300: FS				
DS6320	Approval of Installation Drawing for Speed Enforcement System	12	14-Jan-26	27-Jan-26	25-Feb-25	10-Mar-25			DS6310: FS, SC2340: FF				
<b>SCT Plan Submissions</b>		73	02-Jan-26	10-Feb-26	11-Jan-25	22-Feb-25	17-Oct-25						
<b>Traffic Control Devices</b>		73	02-Jan-26	10-Feb-26	11-Jan-25	22-Feb-25	17-Oct-25						
DS9270	Resubmission of SCT Plan for Traffic Control Devices	12	02-Jan-26	13-Jan-26	11-Jan-25	22-Jan-25	17-Oct-25		DS9180: FS				
DS9280	Approval of SCT Plan for Traffic Control Devices	24	14-Jan-26	10-Feb-26	23-Jan-25	22-Feb-25			DS9270: FS, SC1200: FF				
<b>SAT Plan Submissions</b>		238	02-Jan-26	14-Apr-26	30-Dec-24	16-Apr-25	22-Feb-25						
<b>Central System</b>		72	02-Jan-26	10-Feb-26	03-Mar-25	11-Apr-25	01-Oct-25						
DS3520	Resubmission of SAT Plan for Central System	12	02-Jan-26	13-Jan-26	03-Mar-25	13-Mar-25	01-Oct-25		DS3510: FS				
DS3530	Approval of SAT Plan for Central System	24	14-Jan-26	10-Feb-26	14-Mar-25	11-Apr-25			SC1090: FF, DS3520: FS				
<b>Traffic Control Devices</b>		84	02-Jan-26	14-Apr-26	30-Dec-24	11-Apr-25							
DS3540	Submission of Traffic Control Devices System SAT Plan	24	02-Jan-26	29-Jan-26	30-Dec-24	27-Jan-25			DS2980: FS				
DS3550	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	30-Jan-26	02-Mar-26	28-Jan-25	27-Feb-25			DS3540: FS				
DS3560	Resubmission of SAT Plan for Traffic Control Devices	12	03-Mar-26	16-Mar-26	28-Feb-25	13-Mar-25			DS3550: FS				
DS3570	Approval of SAT Plan for Traffic Control Devices	24	17-Mar-26	14-Apr-26	14-Mar-25	11-Apr-25			SC1220: FF, DS3560: FS				
<b>CCTV System</b>		62	02-Jan-26	10-Feb-26	23-Jan-25	06-Mar-25	21-Oct-25						
DS9290	Resubmission of SAT Plan for CCTV System	12	02-Jan-26	13-Jan-26	23-Jan-25	06-Feb-25	21-Oct-25		DS3650: FS				
DS9300	Approval of SAT Plan for CCTV System	24	14-Jan-26	10-Feb-26	07-Feb-25	06-Mar-25			SC1480: FF, DS9290: FS				

■ Remaining Work     ◆ Milestone  
■ Critical Activity  
■ Actual Work

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

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025 Dec 68	2026 Jan 48	2026 Feb 50	Mar 51
<b>ET System</b>													
DS9210	Resubmission of SAT Plan for ET System	12		02-Jan-26	19-Jan-26	18-Mar-25	03-Apr-25	04-Sep-25					
DS9220	Approval of SAT Plan for ET System	24	02-Jan-26	19-Jan-26	18-Mar-25	03-Apr-25	20-Dec-25	19-Dec-25	DS3730: FS				
<b>Radio System</b>													
DS3800	Resubmission of SAT Plan for Radio System	12		02-Jan-26	07-Jan-26	29-Mar-25	03-Apr-25	22-Aug-25					
DS3810	Approval of SAT Plan for Radio System	24	02-Jan-26	07-Jan-26	29-Mar-25	03-Apr-25	09-Dec-25	08-Dec-25	DS3790: FS				
<b>Detection System</b>													
DS3840	Resubmission of SAT Plan for Detection System	12	02-Jan-26	10-Feb-26	07-Mar-25	03-Apr-25	16-Apr-25	03-Oct-25	SC2000: FF, DS3800: FS				
DS3850	Approval of SAT Plan for Detection System	24	14-Jan-26	10-Feb-26	07-Mar-25	18-Mar-25	16-Apr-25	03-Oct-25	DS3830: FS				
<b>Manual fallback Control System</b>													
DS3880	Resubmission of SAT Plan for Manual fallback Control System	12	02-Jan-26	10-Feb-26	11-Jan-25	22-Feb-25	01-Oct-25	01-Oct-25	DS3870: FS				
DS3890	Approval of SAT Plan for Manual fallback Control System	24	14-Jan-26	10-Feb-26	23-Jan-25	22-Feb-25	23-Jan-25	22-Feb-25	SC2270: FF, DS3880: FS				
<b>Operation Facility</b>													
DS3900	Submission of Operation Facility SAT Plan	24	02-Jan-26	29-Jan-26	30-Dec-24	11-Apr-25			DS3340: FS				
DS3910	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	30-Jan-26	02-Mar-26	28-Jan-25	27-Feb-25			DS3900: FS				
DS3920	Resubmission of SAT Plan for Operation Facility	12	03-Mar-26	16-Mar-26	28-Feb-25	13-Mar-25			DS3910: FS				
DS3930	Approval of SAT Plan for Operation Facility	24	17-Mar-26	14-Apr-26	14-Mar-25	11-Apr-25			SC2710: FF, DS3920: FS				
<b>Speed Enforcement System</b>													
DS3960	Resubmission of Reliability Test Plan for Speed Enforcement System	12	02-Jan-26	10-Feb-26	03-Mar-25	11-Apr-25	22-Feb-25	22-Feb-25	DS3950: FS				
DS3970	Approval of Reliability Test Plan for Speed Enforcement System	24	14-Jan-26	10-Feb-26	14-Mar-25	11-Apr-25			SC2380: FF, DS3960: FS				
<b>Training Document &amp; O&amp;M Manual Submission for T2/TKOLTT TCSS</b>													
DS3980	Submit Document for System Description	6	02-Jan-26	21-Mar-26	06-Jun-26	22-Aug-26			DS3580: SS 30				
DS4010	Submit System Administration Manual	11	09-Jan-26	21-Jan-26	13-Jun-26	26-Jun-26			DS3980: FS				
DS4020	Submit Training Manual	48	22-Jan-26	21-Mar-26	27-Jun-26	22-Aug-26			DS4010: FS				
<b>Site Installation and Testing &amp; Commissioning</b>													
<b>Portion 4 - TKO-LTT (LT Interchange)</b>													
SW1020	Inspect Civil Provisions & Submit Inspection Report	12	02-Jan-26	15-Jan-26	30-Jun-25	14-Jul-25	30-Jun-25	30-Jun-25	DS6600: FS, DS6680: FS, DS6760: FS, DS6840: FS, AC1030: SS				
SW1030	Rectify Civil Provision Defects by Others	18	16-Jan-26	27-Jan-26	15-Aug-25	26-Aug-25	15-Jul-25		SW1020: FS				
<b>Installation Works</b>													
SW1080	Laying of Signal Cable - the 1st Section	38	02-Jan-26	02-Mar-26	27-Jun-24	22-Aug-24	30-Jun-25	30-Jun-25	DS8480: FS, DS8580: FS				
SW1040	Install Cable Containers	98	02-Jan-26	27-Feb-26	14-Jun-24	07-Aug-24	25-Aug-24	25-Aug-25	DS6400: FS, DS6540: FS, SW1030: SS 8				
SW1050	Install Equipment Racks	24	02-Jan-26	02-Mar-26	20-Jun-24	15-Aug-24	25-Aug-25	25-Aug-25	SW1040: SS				
SW1060	Install CCTV Camera	115	02-Jan-26	02-Mar-26	04-Dec-24	03-Feb-25	25-Aug-25	25-Aug-25	DS4090: FS, DS6440: FS, SW1040: SS, SW1930: SS				
SW1070	Install Detection Camera	115	02-Jan-26	02-Mar-26	21-Nov-24	17-Jan-25	25-Aug-25	25-Aug-25	DS4490: FS, DS6440: FS, DS7500: FS, SW1040: SS, SW1930: SS				
SW1110	Install Traffic Control Devices	115	02-Jan-26	02-Mar-26	05-Aug-24	30-Sep-24	25-Aug-25	25-Aug-25	DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS, SW1930: SS				
SW1090	Install Video Wall Equipment (Administration Building)	21	02-Jan-26	26-Jan-26	03-Sep-24	27-Sep-24			SC1330: FF, DS4440: FS, DS4340: FS, DS4440: FF, SW1040: SS 68, SW1930: SS 68				
SW1130	Install VLSL on Gantry	14	02-Jan-26	17-Jan-26	02-Sep-24	17-Sep-24			SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS 14				
SW1140	Install PVMS on Gantry	14	02-Jan-26	17-Jan-26	07-Oct-24	23-Oct-24			SC1210: FF, EM1030: FS, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS 14				
SW1170	Install Manual Barriers	24	23-Jan-26	23-Feb-26	29-Oct-24	25-Nov-24			SW1130: FS, SW1140: SS 18				



■ Remaining Work    ◆ Milestone  
■ Critical Activity  
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Date	Revision	Checked	Approved
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Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025				2026					
										Dec	Jan	Feb	Mar	Dec	Jan	Feb	Mar		
SW1100	Install Server Equipment	36	03-Mar-26	14-Apr-26	16-Aug-24	27-Sep-24			DS4440: FS, DS4340: FS, SW1050: FS										
SW1120	Install Equipment in Kiosk C	12	03-Mar-26	16-Mar-26	13-Sep-24	27-Sep-24			DS4340: FS, DS4440: FS, SW1050: FS										
SW1160	Laying of Leaky Cable	48	03-Mar-26	28-Apr-26	23-Aug-24	21-Oct-24			SW1040: FS, SW1930: FS, SW1080: FS										
<b>Portion 1 - South Apron Up to SJS</b>		<b>202</b>	<b>02-Jan-26</b>	<b>30-May-26</b>	<b>16-Aug-24</b>	<b>08-Apr-25</b>	<b>24-Mar-25</b>												
SW1210	Inspect Civil Provisions & Submit Inspection Report	12	02-Jan-26	15-Jan-26	22-Mar-25	04-Apr-25	24-Mar-25		AC1000: SS										
SW1220	Rectify Civil Provision Defects by Others	18	16-Jan-26	12-Feb-26	24-Dec-24	22-Jan-25	07-Apr-25		SW1210: FS										
<b>Installation Works</b>		<b>202</b>	<b>02-Jan-26</b>	<b>30-May-26</b>	<b>16-Aug-24</b>	<b>08-Apr-25</b>	<b>24-Mar-25</b>												
SW1230	Install Cable Containments - the 1st Section	48	02-Jan-26	28-Feb-26	16-Aug-24	12-Oct-24	24-Mar-25		SC2480: FF, DS6404: FS, DS6540: FS										
SW1260	Signal Cable Laying - the 1st Section	14	02-Jan-26	28-Feb-26	30-Sep-24	25-Nov-24	24-Mar-25		SW1230: SS										
SW1240	Install CCTV Camera	24	02-Jan-26	30-May-26	28-Aug-24	22-Jan-25	02-Jul-25		SC1470: FF, DS4090: FS, DS6440: FS, SW1230: SS 42										
SW1250	Install Detection Cameras	24	02-Jan-26	30-May-26	23-Aug-24	17-Jan-25	02-Jul-25		DS4490: FS, DS6440: FS, DS7500: FS, SW1230: SS, SW2000: SS										
SW1270	Install Traffic Control Devices	36	02-Jan-26	30-May-26	26-Sep-24	22-Feb-25	02-Jul-25		SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW1240: SS, SW1250: SS, SW1230: SS 30, SW2010: SS, SW2000: SS 30										
SW1320	Install Cable Containments - the 2nd Section	24	02-Jan-26	28-Feb-26	16-Aug-24	12-Oct-24	04-Jul-25		SC2480: FF, DS6404: FS, DS6540: FS, SW1230: SS										
SW1350	Signal Cable Laying - the 2nd Section	54	02-Jan-26	28-Feb-26	30-Sep-24	25-Nov-24	04-Jul-25		SW1260: SS										
SW1330	Install Manual Barriers	18	02-Jan-26	22-Jan-26	18-Mar-25	08-Apr-25			SW1300: FS, SW1310: FS										
SW1340	Laying of Leaky Cable	48	02-Jan-26	02-Mar-26	18-Nov-24	14-Jan-25			SW1320: SS 22										
<b>Portion 2 - Tunnel Section, Service Gallery, WVB &amp; EVB</b>		<b>465</b>	<b>02-Jan-26</b>	<b>25-Aug-26</b>	<b>03-Jul-24</b>	<b>31-Oct-26</b>	<b>06-Dec-24</b>												
<b>Tunnel Section</b>		<b>410</b>	<b>02-Jan-26</b>	<b>30-Jun-26</b>	<b>03-Jul-24</b>	<b>29-Jun-26</b>	<b>06-Dec-24</b>												
<b>Tunnel Section - CP7 to CP11</b>		<b>366</b>	<b>02-Jan-26</b>	<b>30-Jun-26</b>	<b>12-Jul-24</b>	<b>21-May-25</b>	<b>15-Feb-25</b>												
<b>East Bound</b>		<b>323</b>	<b>02-Jan-26</b>	<b>30-Jun-26</b>	<b>12-Jul-24</b>	<b>21-May-25</b>	<b>05-Mar-25</b>												
<b>CP Side</b>		<b>217</b>	<b>02-Jan-26</b>	<b>30-Jun-26</b>	<b>15-Aug-24</b>	<b>21-May-25</b>	<b>23-Jun-25</b>												
SW4060a	TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Jan-26	30-Jun-26	15-Aug-24	21-Feb-25	23-Jun-25		SW4060: SS, SW2330a: SS										
SW2330	Install SEC Camera - CP7 to CP11	17	02-Jan-26	21-Jan-26	18-Oct-24	06-Nov-24			EM1130: FS, DS7410: FS, SW2300: FS, AC1050d: SS										
SW2330a	SEC Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Jan-26	28-Mar-26	01-Nov-24	24-Jan-25			SW2330: SS										
SW2340b	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Jan-26	28-Mar-26	01-Nov-24	24-Jan-25			SW2340: SS, SW2330a: SS										
SW2360	Install VLSL - CP7 to CP11	13	16-Jan-26	30-Jan-26	01-Nov-24	15-Nov-24			SW2300: FS, DS2810: FS, EM1650: FS, DS8250: FS, AC1050g: SS, SW2330: SS 12										
SW2360a	VLSL - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	31-Jan-26	28-Apr-26	16-Nov-24	22-Feb-25			SW2330a: SS, SW2360: FS										
SW2330b	SEC Camera - Physical Inspection and Function Test - CP7 to CP11	50	27-Feb-26	27-Apr-26	18-Mar-25	21-May-25			SW2330a: FF 24										
SW2340c	ET - Physical Inspection and Function Test - CP7 to CP11	25	30-Mar-26	28-Apr-26	06-Mar-25	03-Apr-25			SW2340b: FS										
<b>OHVD</b>		<b>257</b>	<b>02-Jan-26</b>	<b>30-Jun-26</b>	<b>12-Jul-24</b>	<b>22-Feb-25</b>	<b>05-Mar-25</b>												
SW2350	Install Traffic Control Devices - CP7 to CP11	25	02-Jan-26	30-May-26	14-Sep-24	22-Feb-25	05-Mar-25		SW2300: FS, SC1210: SS, D, DS2810: FS, EM1650: FS, AC1050b: SS, DS5920: FS										
SW2350a	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	80	02-Jan-26	30-Jun-26	12-Jul-24	04-Jan-25	05-Mar-25		SW2350: SS, SW2340d: SS										
SW4080	Install LCX Bracket - CP7 to CP11	25	02-Jan-26	30-Mar-26	28-Sep-24	23-Dec-24	02-Jun-25		AC1050b: SS										
SW2310b	CCTV - Physical Inspection - CP7 to CP11	30	02-Jan-26	05-Feb-26	19-Dec-24	24-Jan-25			SW2310a: SS 45, SW2310a: FS										
SW2320b	Detection Camera - Physical Inspection - CP7 to CP11	30	02-Jan-26	05-Feb-26	12-Dec-24	17-Jan-25			SW2320a: FS										
<b>Service Gallery</b>		<b>202</b>	<b>02-Jan-26</b>	<b>02-Apr-26</b>	<b>06-Sep-24</b>	<b>08-Mar-25</b>	<b>10-Jul-25</b>												
SW2340d	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	94	02-Jan-26	30-Mar-26	06-Sep-24	02-Dec-24	10-Jul-25		SW2340a: FS, SW2340b: SS										



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Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025		2026	
										Dec	Jan	Feb	Mar
										48	49	50	51
SW2390	Install LCX Bracket - CP7 to CP11	61	02-Jan-26	30-Mar-26	28-Oct-24	21-Jan-25	18-Aug-25		SW2310: SS, DS4390: FS, DS6520: FS, AC1050e: SS, SW2340a: FS, SW2340d: SS 33				
SW2390a	Install LCX Cable - CP7 to CP11	61	02-Jan-26	17-Mar-26	26-Nov-24	20-Feb-25			SW2390: SS 25				
SW2390b	Install RAD Feeder Cable - CP7 to CP11	61	02-Jan-26	17-Mar-26	26-Nov-24	20-Feb-25			SW2390a: SS				
SW2390c	Install RAD Equipment & Coupler - CP7 to CP11	51	30-Jan-26	02-Apr-26	24-Dec-24	08-Mar-25			SW2390b: SS 24				
<b>West Bound</b>		<b>285</b>	<b>02-Jan-26</b>	<b>30-Jun-26</b>	<b>18-Jul-24</b>	<b>21-May-25</b>	<b>15-Feb-25</b>						
<b>CP Side</b>		<b>243</b>	<b>02-Jan-26</b>	<b>30-Jun-26</b>	<b>18-Jul-24</b>	<b>21-May-25</b>	<b>15-Feb-25</b>						
SW3240	Install ET (Road Level) - CP7 to CP11	16	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	15-Feb-25		AC1050j: SS				
SW4100a	TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Jan-26	30-Jun-26	18-Jul-24	10-Jan-25	23-Jun-25		AC1050j: SS, SW4100: SS				
SW3230	Install SEC Camera - CP7 to CP11	17	02-Jan-26	21-Jan-26	02-Oct-24	22-Oct-24			SW3200: FS, AC1050d: SS				
SW3230a	SEC Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Jan-26	28-Mar-26	02-Oct-24	24-Dec-24			SW3230: SS				
SW3240b	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Jan-26	28-Mar-26	02-Oct-24	24-Dec-24			SW3230a: SS				
SW3260	Install VLSL - CP7 to CP11	14	02-Jan-26	17-Jan-26	24-Dec-24	10-Jan-25			SW3200: FS, AC1050g: SS				
SW3260a	VLSL - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Jan-26	28-Mar-26	16-Nov-24	22-Feb-25			SW3210: SS 16, SW3240: SS				
SW3230b	SEC Camera - Physical Inspection - CP7 to CP21	50	27-Feb-26	27-Apr-26	10-Jan-25	22-Mar-25			SW3230a: FF 24				
SW3240c	ET - Physical Inspection - CP7 to CP21	25	30-Mar-26	28-Apr-26	26-Dec-24	24-Jan-25			SW3240b: FS				
SW3260b	VLSL - Physical Inspection and Function Test - CP7 to CP21	26	30-Mar-26	29-Apr-26	16-Apr-25	21-May-25			SW3260a: FS				
<b>OHVD</b>		<b>80</b>	<b>02-Jan-26</b>	<b>09-Apr-26</b>	<b>06-Sep-24</b>	<b>04-Jan-25</b>							
SW3210a	CCTV - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	80	02-Jan-26	09-Apr-26	13-Sep-24	18-Dec-24			SW3210: SS, SW3220a: SS				
SW3220a	Detection Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	80	02-Jan-26	09-Apr-26	06-Sep-24				SW3220: FS, SW2340d: SS				
SW3250a	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	77	02-Jan-26	06-Apr-26	04-Oct-24	04-Jan-25			SW2460: SS, SW3250: SS, SW2340d: SS				
<b>Service Gallery</b>		<b>240</b>	<b>02-Jan-26</b>	<b>20-Jun-26</b>	<b>10-Sep-24</b>	<b>10-Mar-25</b>	<b>18-Aug-25</b>						
SW3290	Install LCX Bracket - CP7 to CP11	61	02-Jan-26	30-Mar-26	10-Sep-24	05-Dec-24	18-Aug-25		AC1050h: SS, SW3270: SS, SW3250: FS, SW3240d: SS 33				
SW3240e	ET - Physical Inspection & Function Test - CP7 to CP11	25	02-Jan-26	30-Jan-26	26-Dec-24	24-Jan-25			SW3240d: FS				
SW3290a	Cable Test & Install LCX Cable - CP7 to CP11	61	02-Jan-26	17-Mar-26	10-Sep-24	22-Nov-24			SW3290: SS				
SW3290b	Install RAD Feeder Cable - CP7 to CP11	61	02-Jan-26	17-Mar-26	10-Sep-24	22-Nov-24			SW3290a: SS				
SW3290c	Install RAD Equipment & Coupler - CP7 to CP11	78	18-Mar-26	20-Jun-26	23-Nov-24	10-Mar-25			SW3290b: FS				
<b>Tunnel Section - CP11 to CP16</b>		<b>305</b>	<b>02-Jan-26</b>	<b>30-May-26</b>	<b>14-Sep-24</b>	<b>03-Mar-25</b>	<b>06-Dec-24</b>						
<b>East Bound</b>		<b>305</b>	<b>02-Jan-26</b>	<b>30-May-26</b>	<b>14-Sep-24</b>	<b>03-Mar-25</b>	<b>06-Dec-24</b>						
<b>CP Side</b>		<b>151</b>	<b>02-Jan-26</b>	<b>28-Feb-26</b>	<b>14-Sep-24</b>	<b>03-Mar-25</b>	<b>15-May-25</b>						
SW2480	Install ET (Road Level) - CP11 to CP16	16	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	15-May-25		SC1720: SS, DS4190: FS, DS6080: FS, DS6480: FS				
SW4160	Install SEC Camera - CP11 to CP16	17	22-Jan-26	10-Feb-26	12-Feb-25	03-Mar-25			SW2330: FS, AC1060d: SS				
SW2420	Install VLSL - CP11 to CP16	12	31-Jan-26	13-Feb-26	10-Jan-25	23-Jan-25			SW2400: FS, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, AC1060g: SS, SW2360: FS				
<b>OHVD</b>		<b>23</b>	<b>02-Jan-26</b>	<b>30-May-26</b>	<b>14-Sep-24</b>	<b>22-Feb-25</b>	<b>10-Apr-25</b>						
SW2460	Install Traffic Control Devices - CP11 to CP16	23	02-Jan-26	30-May-26	14-Sep-24	22-Feb-25	10-Apr-25		SC1210: SS, DS2810: FS, EM1650: FS, DS8250: FF, AC1060b: SS				
<b>Service Gallery</b>		<b>17</b>	<b>02-Jan-26</b>	<b>28-Feb-26</b>	<b>29-Nov-24</b>	<b>24-Jan-25</b>	<b>06-Dec-24</b>						
SW2480a	Install ET in Service Gallery - CP11 to CP16	17	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	06-Dec-24		AC1060e: SS				
<b>West Bound</b>		<b>236</b>	<b>02-Jan-26</b>	<b>30-May-26</b>	<b>14-Sep-24</b>	<b>03-Mar-25</b>	<b>01-Apr-25</b>						
<b>CP Side</b>		<b>132</b>	<b>02-Jan-26</b>	<b>28-Feb-26</b>	<b>29-Nov-24</b>	<b>03-Mar-25</b>	<b>15-May-25</b>						
SW3360	Install ET (Road Level) - CP11 to CP16	16	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	15-May-25		SW3300: FS				
SW3330	Install VLSL - CP11 to CP16	12	17-Jan-26	30-Jan-26	10-Jan-25	23-Jan-25			SW3300: SS 18, AC1060g: SS, SW3260: SS 13				
SW4210	Install SEC Camera - CP11 to CP16	17	22-Jan-26	10-Feb-26	12-Feb-25	03-Mar-25			SW3230: FS, AC1060d: SS				
<b>OHVD</b>		<b>22</b>	<b>02-Jan-26</b>	<b>30-May-26</b>	<b>14-Sep-24</b>	<b>22-Feb-25</b>	<b>01-Apr-25</b>						



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31-Dec-25	Rev. 0	MY	

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025				2026					
										Dec	Jan	Feb	Mar	Dec	Jan	Feb	Mar		
SW3370	Install Traffic Control Devices - CP11 to CP16	22	02-Jan-26	30-May-26	14-Sep-24	22-Feb-25	01-Apr-25		SW3300: FS, AC1060b: SS, SW3250: FS										
<b>Tunnel Section - CP16 to CP21</b>		319	02-Jan-26	30-May-26	03-Jul-24	22-Mar-25	26-Dec-24												
<b>East Bound</b>		319	02-Jan-26	30-May-26	03-Jul-24	22-Mar-25	26-Dec-24												
<b>CP Side</b>		316	02-Jan-26	05-Mar-26	11-Sep-24	22-Mar-25	26-Dec-24												
SW2510	Install Cable Containment - CP16 to CP21	28	02-Jan-26	29-Jan-26	11-Sep-24	10-Oct-24	26-Dec-24		SC2480: FF, EM1620: FF, DS6404: FS, DS6540: FS, SW2910: FS, AC1070a: SS										
SW2590	Install ET (Road Level) - CP16 to CP21	70	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	07-Aug-25		SC1720: FF, DS4190: FS, DS6080: FS, DS6480: FS										
SW4260	Install SEC Camera - CP16 to CP21	17	11-Feb-26	05-Mar-26	04-Mar-25	22-Mar-25			SW4160: FS, AC1070d: SS										
SW2520	Install VLSL - CP16 to CP21	14	14-Feb-26	05-Mar-26	24-Jan-25	22-Feb-25			SW2510: SS 12, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, AC1070g: SS, SW2420: FS										
<b>OHVD</b>		85	02-Jan-26	30-May-26	03-Jul-24	22-Feb-25	30-May-25												
SW2540	Install Traffic Control Devices - CP16 to CP21	31	02-Jan-26	30-May-26	14-Sep-24	22-Feb-25	30-May-25		SW2510: SS, SC1210: SS, DS2810: FS, EM1650: FS, DS8250: FS, AC1070b: SS, SW2460: SS										
SW4270	Install LCX Bracket - CP18 to CP21	26	02-Jan-26	30-Mar-26	03-Jul-24	25-Sep-24	30-Aug-25		SW4170: FS, AC1070b: SS										
<b>Service Gallery</b>		17	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	26-Feb-25												
SW2590a	Install ET in Service Gallery - CP16 to CP21	17	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	26-Feb-25		AC1070e: SS										
<b>West Bound</b>		319	02-Jan-26	30-May-26	30-Aug-24	22-Mar-25	26-Feb-25												
<b>CP Side</b>		147	02-Jan-26	05-Mar-26	29-Nov-24	22-Mar-25	07-Aug-25												
SW3470	Install ET (Road Level) - CP16 to CP21	70	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	07-Aug-25		SW3360: SS, AC1070j: SS										
SW3440	Install VLSL - CP16 to CP21	14	31-Jan-26	16-Feb-26	24-Jan-25	22-Feb-25			SW3410: SS 12, AC1070g: SS, SW3330: FS										
SW4310	Install SEC Camera - CP16 to CP21	17	11-Feb-26	05-Mar-26	04-Mar-25	22-Mar-25			SW4210: FS, AC1070d: SS										
<b>OHVD</b>		122	02-Jan-26	30-May-26	30-Aug-24	22-Feb-25	30-May-25												
SW3420	Install CCTV Camera - CP16 to CP21	23	02-Jan-26	30-May-26	30-Aug-24	24-Jan-25	30-May-25		AC1070b: SS, SW3310: FS										
SW3480	Install Traffic Control Devices - CP16 to CP21	31	02-Jan-26	30-May-26	14-Sep-24	22-Feb-25	30-May-25		SW3410: FS, AC1070b: SS										
SW4320	Install LCX Bracket - CP18 to CP21	26	02-Jan-26	30-Mar-26	28-Sep-24	23-Dec-24	30-Aug-25		AC1070b: SS										
<b>Service Gallery</b>		17	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	26-Feb-25												
SW3470a	Install ET in Service Gallery - CP16 to CP21	17	02-Jan-26	28-Feb-26	29-Nov-24	24-Jan-25	26-Feb-25		AC1070h: SS										
<b>Tunnel Section - CP21 to CP26</b>		95	02-Jan-26	10-Apr-26	09-Aug-24	29-Jun-26	22-Sep-25												
SW2920	Inspect Civil Provisions & Submit Inspection Report	3	02-Jan-26	02-Apr-26	12-Sep-24	24-Sep-25	22-Sep-25		AC1080a: SS										
SW2930	Rectify Civil Provision Defects by Others	6	03-Apr-26	10-Apr-26	12-Sep-24	19-Sep-24	25-Sep-25		SW2920: FS										
<b>West Bound</b>		43	02-Jan-26	24-Feb-26	09-Aug-24	29-Jun-26													
SW3620	Inspect Civil Provisions & Submit Inspection Report	3	02-Jan-26	05-Jan-26	09-Aug-24	12-Aug-24			AC1080c: SS										
SW3630	Rectify Civil Provision Defects by Others	6	06-Jan-26	12-Jan-26	13-Aug-24	19-Aug-24			SW3620: FS										
<b>West Bound - Tunnel Section - CP21 to CP24</b>		43	02-Jan-26	24-Feb-26	20-Aug-24	29-Jun-26													
SW3540	Install PA in Service Gallery	15	02-Jan-26	19-Jan-26	11-Jun-26	29-Jun-26			AC1080e: SS										
SW3550	Install PABX in Service Gallery	15	02-Jan-26	19-Jan-26	20-Mar-25	07-Apr-25			AC1080e: SS										
SW3560	Install ET (Road Level)	8	02-Jan-26	10-Jan-26	25-Jan-25	06-Feb-25			AC1080i: SS										
SW3560a	Install ET (Service Gallery)	8	02-Jan-26	10-Jan-26	25-Jan-25	06-Feb-25			AC1080e: SS										
SW3580	Install Radio System in Service Gallery	15	02-Jan-26	19-Jan-26	17-Jan-25	06-Feb-25			AC1080e: SS										
SW3500	Install Cable Containment (CP Side)	15	13-Jan-26	29-Jan-26	20-Aug-24	05-Sep-24			SW3630: FS										
SW3530	Install VLSL (CP Side)	11	27-Jan-26	07-Feb-26	25-Jan-25	10-Feb-25			SW3500: SS 12, AC1080h: SS										
SW3500a	Install Cable Containment (NCP Side)	15	30-Jan-26	16-Feb-26	06-Sep-24	24-Sep-24			SW3500: FS										
SW3510	Install CCTV Camera	11	30-Jan-26	11-Feb-26	11-Sep-24	24-Sep-24			SW3500: FS										
SW3520	Install Detection Camera	11	30-Jan-26	11-Feb-26	11-Sep-24	24-Sep-24			SW3500: FS										
SW3590	Install SEC Camera	11	30-Jan-26	11-Feb-26	11-Mar-25	22-Mar-25			SW3500: FS										
SW3570	Install Traffic Control Devices	11	03-Feb-26	14-Feb-26	11-Sep-24	24-Sep-24			SW3500: SS 18, SW3500: FS										
SW3530a	Install VLSL (NCP Side)	11	09-Feb-26	24-Feb-26	11-Feb-25	22-Feb-25			SW3530: FS, AC1080h: SS										
<b>Tunnel Section - CP26 to CP32</b>		26	02-Jan-26	31-Jan-26	04-Jan-25	06-Feb-25													
<b>East Bound</b>		26	02-Jan-26	31-Jan-26	04-Jan-25	06-Feb-25													

■ Remaining Work    ◆ Milestone  
■ Critical Activity  
■ Actual Work

Date	Revision	Checked	Approved
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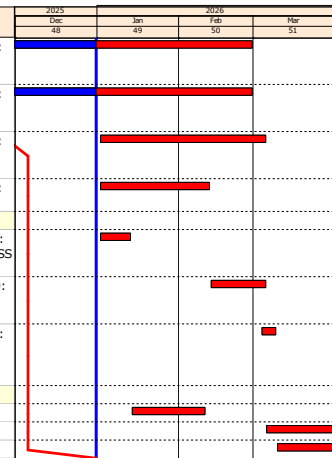
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025		2026	
										Dec	Jan	Feb	Mar
<b>East Bound - Tunnel Section - CP29 to CP32 (CKL Main Tunnel)</b>										48	48	50	51
SW2740a	Install PA in Service Gallery	10	02-Jan-26	13-Jan-26	04-Jan-25	06-Feb-25			SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1090f: SS				
SW2820c	Install ET (Service Gallery)	6	02-Jan-26	08-Jan-26	28-Jan-25	06-Feb-25			AC1090f: SS				
SW2770a	Install PABX in Service Gallery	11	13-Jan-26	24-Jan-26	15-Jan-25	27-Jan-25			SW2740a: SS 9, SC1590: FF, DS4140: FS, DS6040: FS, DS6480: FS, AC1090f: SS				
SW2800a	Install Radio System in Service Gallery	11	20-Jan-26	31-Jan-26	22-Jan-25	06-Feb-25			SW2770a: SS 6, SC1990: FF, DS4390: FS, DS6520: FS, AC1090f: SS				
<b>West Bound</b>													
<b>West Bound - Tunnel Section - CP30 to CP32 (CKL Main Tunnel)</b>													
SW3800a	Install PA in Service Gallery	8	02-Jan-26	10-Jan-26	04-Jan-25	13-Jan-25			AC1090h: SS				
SW3820c	Install ET (Service Gallery)	5	02-Jan-26	07-Jan-26	01-Feb-25	06-Feb-25			AC1090h: SS				
SW3810a	Install PABX in Service Gallery	9	12-Jan-26	21-Jan-26	14-Jan-25	23-Jan-25			AC1090h: SS, SW3800a: FS				
SW3840a	Install Radio System in Service Gallery	9	22-Jan-26	31-Jan-26	24-Jan-25	06-Feb-25			AC1090h: SS, SW3810a: FS				
<b>West Ventilation Building</b>													
<b>Installation Works</b>													
SW1740	Signal Cable Laying	15					24-Mar-25	31-Dec-25	SW1650: SS				
SW1710a	Install LCX Bracket	21					25-Apr-25	21-Dec-25	SW4340: FS, DS3250: FS				
SW1710	Install RAD Equipment & Coupler	28	02-Jan-26	30-Jan-26	06-Jan-25	06-Feb-25	01-Sep-25		SC1990: FF, DS4390: FS, DS6520: FS				
SW1710b	Install LCX Cable	28	02-Jan-26	03-Feb-26	28-Sep-26	31-Oct-26			SW1710a: FS, DS3790: FS 5				
SW1710c	RAD Connection & SCT	28	02-Jan-26	03-Feb-26	03-Mar-25	03-Apr-25			SW1710: SS				
<b>East Ventilation Building</b>													
<b>Installation Works</b>													
SW1750	Install Cable Containments	24	02-Jan-26	28-Feb-26	31-Jul-24	06-Feb-25	23-Jun-25		SC2480: FF, DS6400: FS, DS6540: FS				
SW1810	Install Radio Equipment	12	02-Jan-26	15-Jan-26	21-Jan-25	06-Feb-25			SC1990: FF, DS4390: FS, DS6520: FS, SW1790: FS, DS9260: FS				
SW1830	Install ET Equipment	12	02-Jan-26	15-Jan-26	25-Oct-24	07-Nov-24			SC1720: FF, DS4190: FS, DS6080: FS, DS6480: FS, SW1820: SS				
SW1760	Position Equipment Rack	12	02-Mar-26	14-Mar-26	25-Sep-24	09-Oct-24			SW1750: FS				
SW1770	Install Network Equipment	36	02-Mar-26	13-Apr-26	25-Sep-24	07-Nov-24			SC1330: FF, DS4340: FS, DS4440: FS, SW1760: SS				
SW1780	Install Manual Fallback Control Equipment	24	09-Mar-26	06-Apr-26	10-Oct-24	07-Nov-24			SC2240: FF, DS6240: FS, DS7370: FS, DS8310: FS, SW1770: SS 6, EM1110: FS				
SW1800	Install Operation Facilities Equipment	14	09-Mar-26	24-Mar-26	23-Oct-24	07-Nov-24			SC2680: FF, DS6280: FS, SW1770: SS, EM1120: FS				
<b>Site Commissioning Test</b>													
TC1310	SCT of PA System	48	30-Jun-26	25-Aug-26	10-Mar-25	07-May-25	30-Jun-26		SW2370: FS, SW2410: FS, SW2530: FS, SW2620: FS, SW2740: FS, SC1880: FF, SW3980: FS, SW3270: FS, SW3340: FS, SW3450: FS, SW2740a: FS, DS8660: FS, SW3540: FS, SW3680: FS, SW3170: FS, SW1820: FS, SW1720: FS				
<b>Portion 3 - CKL Branch Tunnel in TKO-LTT Site</b>													
<b>Installation Works</b>													
SW1910	Laying of Leaky Cable	51	02-Jan-26	09-Mar-26	21-Sep-24	26-Mar-25	15-Oct-25						
SW1920	Signal Cable Laying	51	02-Jan-26	09-Mar-26	21-Sep-24	25-Nov-24	15-Oct-25		SW1890: SS				



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Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025		2026	
										Dec-25	Jan-26	Feb-26	Mar-26
SW1870	Install CCTV Camera	51	02-Jan-26	28-Feb-26	18-Nov-24	13-Jan-25	30-Oct-25		SC1470: FF, DS4090: FS, DS6440: FS, SW1860: FS, SW1920: SS 12				
SW1900	Install Traffic Control Devices	51	02-Jan-26	28-Feb-26	26-Dec-24	22-Feb-25	30-Oct-25		SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW1870: SS, SW2220: SS				
SW1880	Install Detection Camera	51	02-Jan-26	05-Mar-26	18-Nov-24	17-Jan-25			SC2120: FF, DS4490: FS, DS6440: FS, DS7500: FS, SW1860: FS, SW1870: SS				
SW1890	Install Cable Containments	36	02-Jan-26	12-Feb-26	13-Feb-25	26-Mar-25			SC2480: FF, DS6404: FS, DS6540: FS, SW1860: FS				
<b>Site Commissioning Test</b>		<b>54</b>	<b>02-Jan-26</b>	<b>09-Mar-26</b>	<b>27-Mar-25</b>	<b>02-May-25</b>							
TC1370	SCT of ET System	10	02-Jan-26	13-Jan-26	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	13-Feb-26	05-Mar-26	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	04-Mar-26	09-Mar-26	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				
<b>Submit Site Commissioning Test Report</b>		<b>68</b>	<b>14-Jan-26</b>	<b>07-Apr-26</b>	<b>22-May-25</b>	<b>19-Jun-25</b>							
DSS160	Submit ET System SCT Test Report	24	14-Jan-26	10-Feb-26	22-May-25	19-Jun-25			TC1370: FS				
DSS190	Submit Power Distribution System SCT Test Report	24	06-Mar-26	02-Apr-26	22-May-25	19-Jun-25			TC1380: FS				
DSS170	Submit CCTV System SCT Test Report	24	10-Mar-26	07-Apr-26	22-May-25	19-Jun-25			TC1390: FS				



- Remaining Work
- Critical Activity
- Actual Work
- ◆ Milestone

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



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

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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	9.972	0.000	0.000	9.936	0.036	0.000	0.000	0.000	0.000	0.000	0.047
June	10.558	0.000	0.000	10.558	0.000	0.000	0.000	0.000	0.000	0.000	0.054
<b>Sub-total</b>	<b>22.190</b>	<b>0.000</b>	<b>0.007</b>	<b>22.147</b>	<b>0.036</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.305</b>
July	20.099	0.051	0.000	19.792	0.307	0.000	0.000	0.000	0.000	0.000	0.066
August	13.756	0.203	0.000	13.184	0.572	0.000	0.000	0.000	0.000	0.000	0.068
September	10.361	0.010	0.000	8.974	1.387	0.000	0.000	0.000	0.000	0.000	0.068
October	10.124	0.000	0.000	9.856	0.268	0.000	0.000	0.000	0.000	11.000	0.097
November	13.569	0.006	0.000	13.563	0.006	0.000	0.000	0.000	0.000	0.000	0.100
December	8.656	0.000	0.000	8.656	0.000	0.000	0.000	0.000	0.000	0.000	0.072
<b>Total</b>	<b>98.755</b>	<b>0.271</b>	<b>0.007</b>	<b>96.172</b>	<b>2.576</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>11.000</b>	<b>0.776</b>

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aug-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sep-25	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37
Oct-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nov-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dec-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<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>2.21</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.