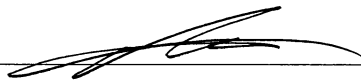


Civil Engineering and Development Department

Trunk Road T2 Monthly Environmental Monitoring and Audit Report (under EP-451/2013) September 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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Ref.: CEDKTD2EM00_0_0812L.25

13 October 2025

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

By Post and Email

Attention: Mr. Edwin Ching

Dear Mr. Ching,

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

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

Reference is made to the Environmental Team's submission of the Monthly EM&A Report for September 2025 (Version 1.0) certified by the ET Leader and provided to us via e-mail on 13 October 2025. We are pleased to inform you that we have no adverse comment on the captioned submission. We write to verify the captioned submission in accordance with Condition 3.4 of EP-451/2013.

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

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



Y H Hui
Independent Environmental Checker

c.c. CEDD
BTP
Cinotech

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

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

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EXECUTIVE SUMMARY

Introduction

1. This is the 67th 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 September 2025.

Summary of Main Works Undertaken and Key Measures Implemented

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

Table I Summary of Key Construction Work in the Reporting Month

Contract No.	Project Title	Site Activities
ED/2018/04	Trunk Road T2 and Infrastructure Works for Developments at South Apron	• WVB – E&M works • WVB – External works • DPR – Parapet Installation • DPR – Sign Gantry erection • SUS – E&M works • LSCC – RC Structure • LSCC – Backfilling • WB – TBM Tunnelling • EB – TBM Tunnelling • TSS – WB internal structure from CP22 to CP26 • TSS – EB internal structure up to CP22 • CP – TSS WB Tympanum construction
ED/2020/03	Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	• TCSS installation- CKR Gantry, WVB, T2 Gantry, Tunnel & Service Gallery, SUS

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	<i>Air Quality</i> - Water spraying regularly on construction site area to avoid dust generation. - Excavated dusty materials were covered by impervious sheets. <i>Noise</i> - Air compressor was operated with door closed and have valid noise labels. - Use of Quality Powered Mechanical Equipment (QPME) - Erecting noise barriers on site to minimize noise impact generated from breaking activities. <i>Water Quality</i> - WetSep was constructed to treat the surface runoff prior to discharge. <i>Landscape and Visual</i> - Tree protection zone was fenced off to protect the existing tree.
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	N/A

Notes:

N/A: Not applicable

Summary of Exceedances, Investigation and Follow-up

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

Air Quality Monitoring

- No Action Level exceedance for 24-hour TSP was recorded.
- No Limit Level exceedance for 24-hour TSP was recorded.
- No Action Level and Limit Level exceedance for 1-hour TSP was recorded.

Construction Noise Monitoring

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

Landscape and Visual Monitoring and Audit

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

Complaint Handling, Prosecution and Public Engagement**Table III Summary of Complaint/Summons/Prosecution in the Reporting Month**

Event	Event Details		Follow-up/ Remedial Actions	Status/ Remarks
	Number	Brief Description		
Complaints Received	1	A complaint regarding water pollution at Kai Tak Channel, light and noise nuisance at PWCL	-The following mitigation measures are adopted by the Contractor: 1. Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent; 2. Tuned down the angle of lights, to avoid glaring directly to residential buildings opposite Kai Tak Channel; 3. Install noise barriers and noise enclosure for the high-noise equipment; 4. Use of quieter model of e-loader for loading & unloading of C&D material. -The following mitigation measures are also recommended to the Contractor: 1. Wastewater from STP & LSCC would be collected and pumped to WetSep of STP; 2. Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent; 3. Keep reviewing the lighting angle, to avoid direct spot lighting to resident buildings.	Closed
Notification of Summons and Prosecutions Received	0	-	-	-
Public Engagement Activities	0	-	-	-

Reporting Changes

- No reporting change in this reporting month.

Future Key Issues

- 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 (October 2025)	Key Environmental Issues
ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at South Apron	• WVB – E&M works • WVB – External works • DPR – Parapet installation • DPR – Sign gantry erection • SUS – E&M works • LSCC – RC Structure • LSCC – Backfilling • EB – TBM Tunnelling • TSS – WB internal structure from CP22 to CP26 • TSS – EB internal structure up to CP22 • CP – TSS WB Tympanum construction	(A) / (B) / (C) / (D) / (E)
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	• TCSS installation- CKR Gantry, WVB, T2 Gantry, Tunnel & Service Gallery, SUS	(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 September 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> - Construction of highway and sub-sea tunnel connecting between Central Kowloon Route and Cha Kwo Ling Tunnel - Western & Eastern Ventilation Buildings
	<u>ED/2020/03</u> Design and construction of TCSS for Trunk Road T2

Monitoring Works in Kai Tak under EP-451/2013

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

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

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

- 1.5 The environmental impact of the remaining works in Cha Kwo Ling, under EP-451/2013, shall be monitored at the two proposed stations, namely CKL1, CKL2, in accordance to the EM&A Manual (AEIAR-174/2013). The impact monitoring for the two proposed stations shall be conducted by the ET of T2 Main Works.
- 1.6 Cinotech Consultants Ltd. Was designated as the Environmental Team (ET) to undertake the EM&A works for “Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron” (hereinafter called the “Project”) and “Trunk Road T2 –Traffic Control & Surveillance System (TCSS) and Associated Works”.

Purpose of the Report

- 1.7 This is the 67th Monthly EM&A Report which summarises the impact monitoring results and audit findings for the EM&A programme during the reporting period in September 2025.

Project Organizations

- 1.8 Different Parties with different levels of involvement in the Project organization include:
 - Permit Holder – Civil Engineering and Development Department (CEDD)
 - Supervisor Representative – Hyder-Meinhardt Joint Venture (HMJV)
 - Environmental Team (ET) – Cinotech Consultants Limited (Cinotech)
 - Independent Environmental Checker (IEC) – Ramboll Hong Kong Limited (Ramboll)
 - Contractor – Bouygues Travaux Publics (BTP) (For ED/2018/04) & GTECH Services (Hong Kong) Limited (For ED/2020/03)

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

Table 1.1 Key Project Contacts

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

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

Construction Activities undertaken during the Reporting Month

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

Table 1.2 Summary of Key Construction Work in the Reporting Month

Contract No.	Project Title	Site Activities
ED/2018/04	Trunk Road T2 and Infrastructure Works for Developments at South Apron	• WVB – E&M works • WVB – External works • DPR – Parapet Installation • DPR – Sign Gantry erection • SUS – E&M works • LSCC – RC Structure • LSCC – Backfilling • WB – TBM Tunnelling • EB – TBM Tunnelling • TSS – WB internal structure from CP22 to CP26 • TSS – EB internal structure up to CP22 • CP – TSS WB Tympanum construction
ED/2020/03	Trunk Road T2 – Traffic Control And Surveillance System (TCSS) and Associated Works	• TCSS installation- CKR Gantry, WVB, T2 Gantry, Tunnel & Service Gallery, SUS

- 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 September 2025.

Status of Environmental Licensing and Permitting

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

Table 1.3 Summary of Environmental License and Permit

Contract No.	Permit / License No.	Valid Period		Status
		From	To	
Environmental Permit (EP)				
N/A	EP-451/2013	19 Sep 2013	N/A	Valid
Notification pursuant to Air Pollution (Construction Dust) Regulation				
ED/2018/04	Ref. No.: 451120	20 Nov 2019	N/A	Valid
ED/2020/03	Ref. No.: 483143	15 Aug 2022	N/A	Valid
Billing Account for Construction Waste Disposal				
ED/2018/04	A/C No.: 7036016	09 Dec 2019	N/A	Valid
ED/2020/03	A/C No.: 7043158	31 Jan 2022	N/A	Valid
Billing Account for Vessel Disposal				
ED/2018/04	A/C No.: 7037747 (Application No.: CEDD01280)	26 Jul 2025	25 Oct 2025	Valid
Construction Noise Permit				
ED/2018/04	CNP No. (For Depressed Road & Supporting Area): GW-RE0248-25	31 Mar 2025	29 Sep 2025	Valid until 29 Sep 2025
	CNP No. (For Launching Shaft and Barging Point): GW-RE0715-25	30 Jun 2025	29 Dec 2025	Valid
	CNP No. (For Depressed Road and Supporting Area at Kai Tak): GW-RE0959-25	20 Aug 2025	19 Feb 2026	Valid
	CNP No. (For Launching Shaft and Barging Point): GW-RE1156-25	26 Sep 2025	25 Mar 2026	Valid
Wastewater Discharge License				

Contract No.	Permit / License No.	Valid Period		Status
		From	To	
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
	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
Chemical Waste Producer License				
ED/2018/04	WPN: 5213-286-B2557-03	09 Mar 2020	N/A	Valid
Marine Dumping Permit				
ED/2018/04	EP/MD/26-010	01 Jul 2025	30 Sep 2025	Valid until 30 Sep 2025

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 m³/min. and 1.7 m³/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 and no Limit Level exceedance was 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 were considered as **non-project related**. Details of the exceedance are presented in **Appendix M**.
- 2.16 The air temperature, relative humidity, and the precipitation data were obtained from daily extracts of Hong Kong Observatory Climate Information Service. This weather information for the reporting month is summarized in **Appendix D**.
- 2.17 The monitoring data and graphical presentations of 24-hour TSP monitoring results are shown in **Appendix F**.
- 2.18 According to field observations observed in the reporting period, the major dust source identified at the designated air quality monitoring stations are as follows:

Table 2.4 Major Dust Source during Air Quality Monitoring

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

Comparison of EM&A Result with EIA Prediction

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

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

Monitoring Stations	ASR ID	Predicted Maximum 24-hr TSP Concentration in EIA Report (AEIAR-174/2013), $\mu\text{g}/\text{m}^3$	Maximum 24-hr TSP Concentration in the Reporting Month (September 2025), $\mu\text{g}/\text{m}^3$
KTD 1 - Centre of Excellence in Paediatrics (Children's Hospital)	KTD3	126	24.7
KTD 2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	N/A ⁽¹⁾	N/A ⁽¹⁾	73.1
KER 1 – Future Residential Development at Kerry Godown	KTD6	169	64.1
CKL1 - Flat 121 Cha Kwo Ling Village	N/A ⁽¹⁾	N/A ⁽¹⁾	31.4
CKL2 - Flat 103 Cha Kwo Ling Village	N/A ⁽¹⁾	N/A ⁽¹⁾	94.6

Remarks:

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

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

3 NOISE

Monitoring Requirement

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

Monitoring Locations

- 3.2 Noise monitoring was conducted at five designated monitoring stations, namely KTD1, KTD2d, KER1, CKL1 and CKL2 in the reporting period. **Table 3.1** and **Figure 2** show the locations of these stations.
- 3.3 The monitoring location at Kai Tak area has been reviewed and updated to obtain the data with higher representative based on several conditions, such as distance between monitoring location and the sensitive receiver, non-project related interference, obstruction to the construction works on site and the power supply problem. The monitoring location KTD1a and KER1b has been updated to KTD1 and KER1 respectively, where are the original location as proposed in the EM&A manual (AEIAR-174/2013). And the monitoring location KTD2c was remained unchanged after the aforementioned review. Monitoring location KTD2c was then further relocated to KTD2d after the review of status and location of monitoring station conducted in between February and March 2021.

Table 3.1 Noise Monitoring Stations

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

Monitoring Parameters, Frequency and Duration

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

Table 3.2 Frequency and Parameters of Noise Monitoring

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

Monitoring Equipment

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

Table 3.3 Noise Monitoring Equipment

Equipment	Model	Quantity
Integrating Sound Level Meter	BSWA 308 (Serial no. 570187, 580156, 620091, 620249)	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	• Project related construction activities (Loading and unloading of C&D waste, travel of vehicles, use of PME and other plants, and other construction activities); • Vehicle movement in the site; • Road traffic along Shing Cheong Road; and, • Non-project related construction activities at the nearby construction site of New Acute Hospital.
KTD 2d	• Vehicle movement in the nearby site; and, • Non-project related construction activities (i.e. excavating work at the nearby construction site).
KER 1	• Road traffic along Kai Hing Road; and, • Project related construction activities (Travel of vehicles, use of PME and other plants, and other construction activities).
CKL1	• Road traffic along Cha Kwo Ling Road.
CKL2	• Road traffic along Cha Kwo Ling Road.

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

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

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

Comparison of EM&A Result with EIA Prediction

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

Table 3.6 Maximum Predicted Mitigated Construction Noise Levels in EIA Report

Monitoring Stations	NSR ID	Maximum Predicted Mitigated Construction Noise Levels in EIA Report (AEIAR-174/2013), dB(A)	Maximum Construction Noise Levels in the Reporting Month (September 2025), Leq (30min) dB(A)
KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)	KTD1	74	71.1
KTD2d – Next to the SOR Office of Trunk Road T2 in Kai Tak Area	N/A ⁽¹⁾	N/A ⁽¹⁾	64
KER1 – Future Residential Development at Kerry Godown	KER1	75	75
CKL1 - Flat 121 Cha Kwo Ling Village	CKL4	71	74
CKL2 - Flat 103 Cha Kwo Ling Village	CKL5	69	74

Remarks:

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

- 3.15 The result at CKL1, CKL2 were higher than the maximum predicted mitigated construction noise level in the EIA Report, AEIAR-174/2013 (as approved in 2013), this may be due to fluctuations of traffic flow along Cha Kwo Ling Road. Besides, the result at KTD1 and KER1 were lower than the maximum predicted mitigated construction noise level in the EIA Report. No Action 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, 10, 17 & 25 September 2025 in the reporting month. Site inspection of the IEC was conducted on 25 September 2025. No non-compliances were observed during site audits.
- ED/2020/03 – Site audit was conducted on 05, 10, 17 & 25 September 2025 in the reporting month. Site inspection of the IEC was conducted on 05 September 2025. No non-compliance was observed during the site audits.

Implementation Status of Environmental Mitigation Measures

10.3 According to Environmental Permits, the approved EIA Reports (Register No.: AEIAR-174/2013 and AEIAR-173/2013), and the EM&A Manuals of the Project (AEIAR-174/2013 and AEIAR-173/2013), the mitigation measures detailed in the documents are recommended to be implemented during the construction phase. An Environmental Mitigation Implementation Schedule (EMIS) is provided in **Appendix K**.

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

Table 10.1 Observations and Recommendations of Site Audit

Parameters	Date	Observations and Recommendations	Follow-up
<i>Air Quality</i>	N/A	There was no observation in the reporting period.	N/A
<i>Noise</i>	N/A	There was no observation in the reporting period.	N/A
<i>Water Quality</i>	N/A	There was no observation in the reporting period.	N/A
<i>Ecology</i>	N/A	There was no observation in the reporting period.	N/A
<i>Landscape and Visual</i>	N/A	There was no observation in the reporting period.	N/A
<i>Waste/ Chemical Management</i>	N/A	There was no observation in the reporting period.	N/A

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

Implementation Status of Event and Action Plans

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

Air Quality Monitoring

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

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

Table 10.2 Status of Required Submission under Environmental Permit

EP Condition	Submission	Submission Date
EP-451/2013		
Condition 2.3	Management Organization of Main Construction Companies for ED/2018/04	20 January 2020
Condition 2.3	Management Organization of Main Construction Companies for ED/2020/03	21 March 2023
Condition 2.4	Design Drawing of the Project	20 January 2020
Condition 2.5	Landscape Mitigation Plan (Rev. F)	25 November 2022
Condition 2.10 (a)	Supplementary Contamination Assessment Plan	18 December 2015
Condition 2.10 (b)	Supplementary Contamination Assessment Report	6 December 2016
Condition 3.3	Updated Baseline Monitoring Report	3 November 2020
Condition 3.4	Monthly EM&A Report (August 2025) for ED/2018/04 and ED/2020/03	12 September 2025

11 ENVIRONMENTAL NON-CONFORMANCE**Summary of Complaint, Warning, Notification of any Summons and Successful Prosecution**

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

Summary of Exceedance

- 11.2 The summary of exceedance record in the reporting month is shown in **Appendix M**.
- 11.3 No non-conformity was recorded for landscape and visual inspections conducted in the reporting month.

12 FUTURE KEY ISSUES

- 12.1 Tentative construction programmes for the next three months are provided in **Appendix N**.
- 12.2 Major site activities undertaken for the coming months and the key environmental issues are summarized as follows:

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

Contract No. and Project Title	Site Activities (October 2025)	Key Environmental Issues
ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at South Apron	• WVB – E&M works • WVB – External works • DPR – Parapet installation • DPR – Sign gantry erection • SUS – E&M works • LSCC – RC Structure • LSCC – Backfilling • EB – TBM Tunnelling • TSS – WB internal structure from CP22 to CP26 • TSS – EB internal structure up to CP22 • CP – TSS WB Tympanum construction	• Dust generation from haul road, stockpile of dusty materials, exposed site area and excavation works; • Noisy construction activity such as breaking and drilling activities • Runoff from exposed slope or site area; • Wastewater and runoff discharge from site; and • Accumulation of construction and general waste.
ED/2020/03 - Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works	• TCSS installation- CKR Gantry, WVB, T2 Gantry, Tunnel & Service Gallery, SUS	• Accumulation of construction and general waste.

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 67th Monthly EM&A Report which presents the EM&A works undertaken during the reporting month in accordance with the EM&A Manual (AEIAR-174/2013) and the requirement under EP.

Air Quality Monitoring

- 13.2 No Action and no Limit Level exceedance was recorded for 1-hour TSP monitoring in the reporting month.
- 13.3 No Action and no Limit Level exceedance was recorded for 24-hour TSP monitoring in the reporting month.

Construction Noise Monitoring

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

Site Audit

- 13.6 Four (4) ET joint weekly environmental site inspections were conducted for the Contact No. ED/2018/04 in the reporting month.
- 13.7 Four (4) ET joint environmental site inspections were conducted for the Contact No. ED/2020/03 in the reporting month.

Complaint, Notification of Summons and Successful Prosecution

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

Recommendations

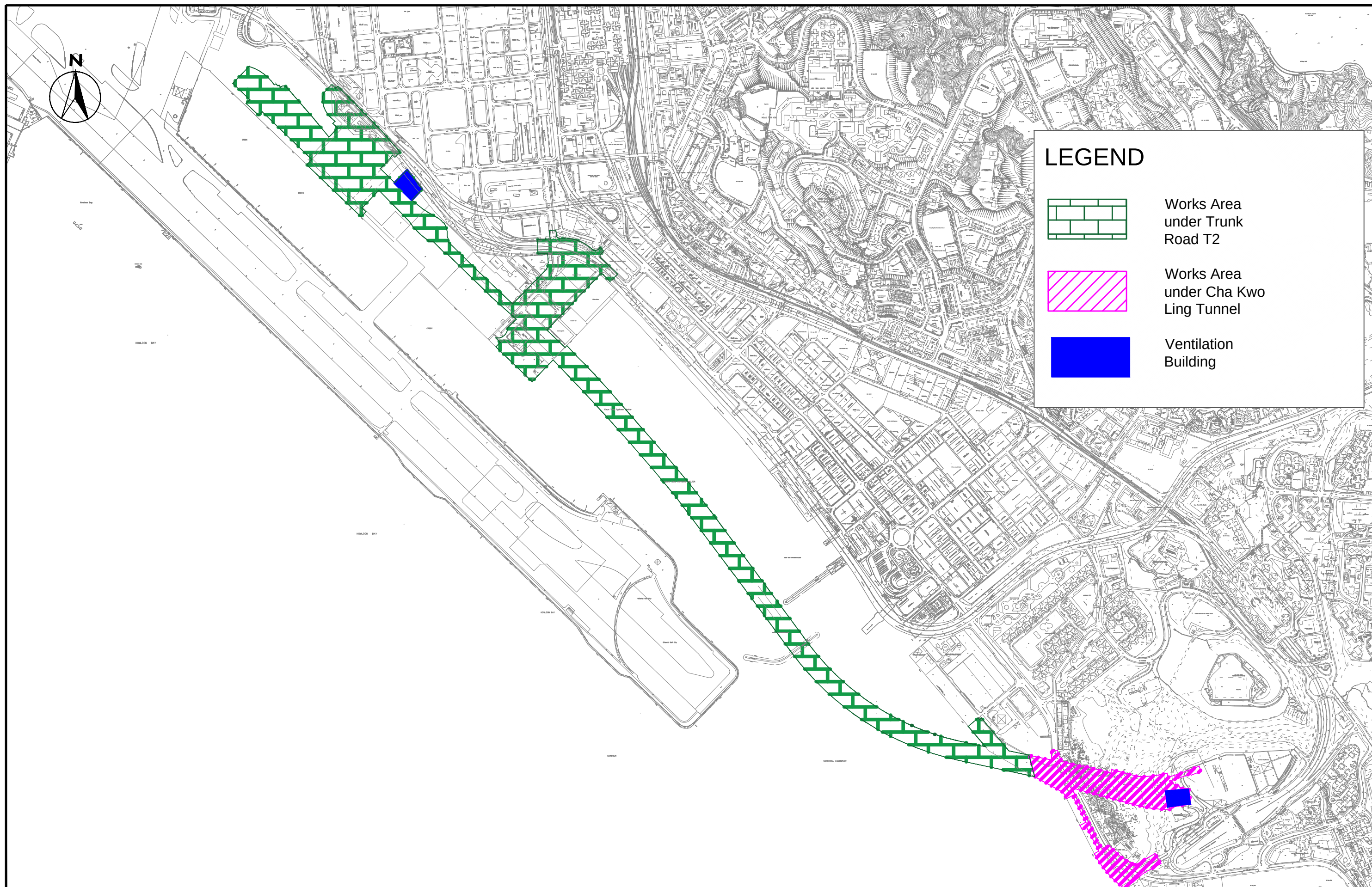
- 13.9 According to the environmental audit performed in the reporting month, the following recommendations was made:

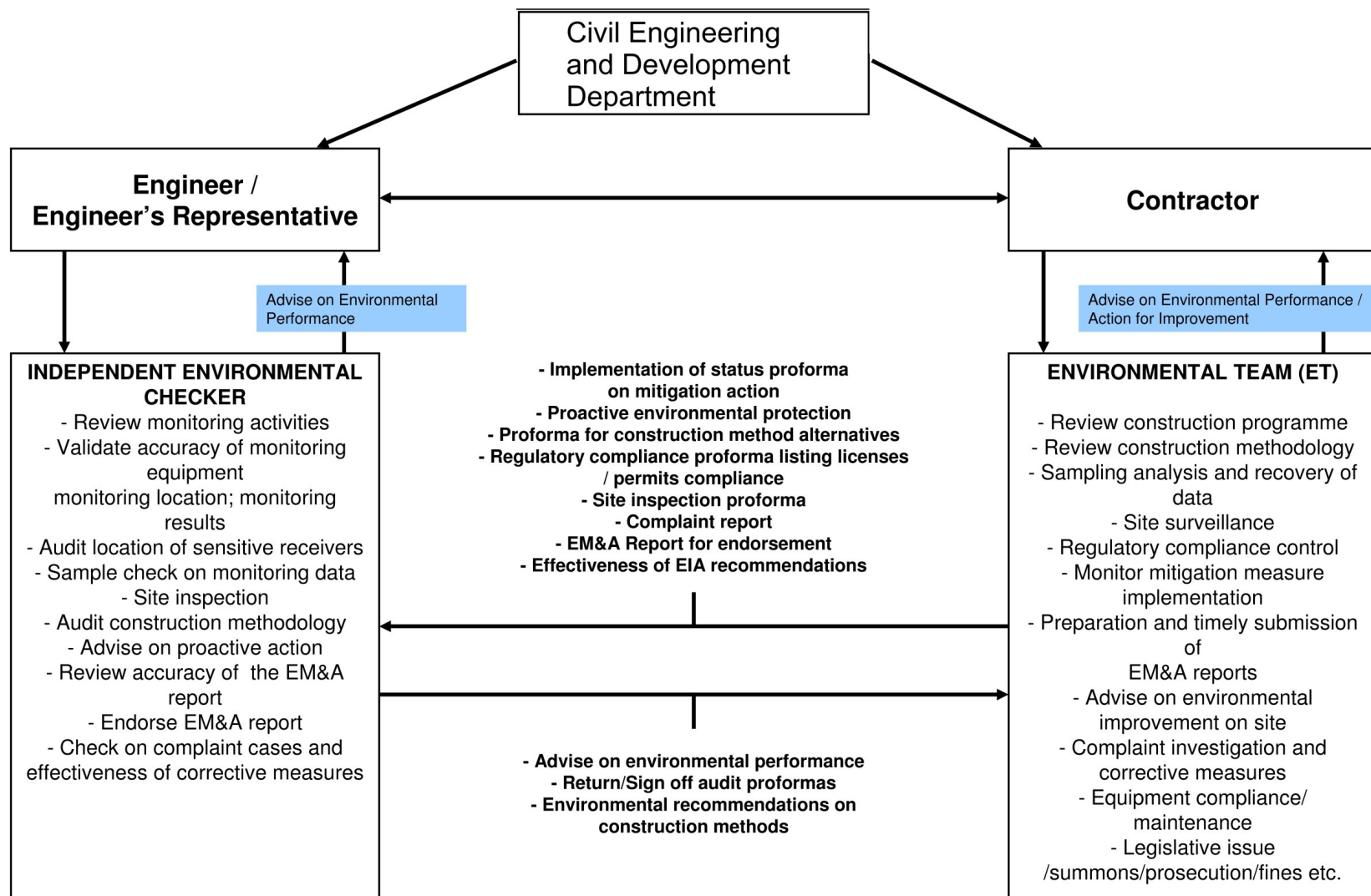
ED/2018/04

Waste Management

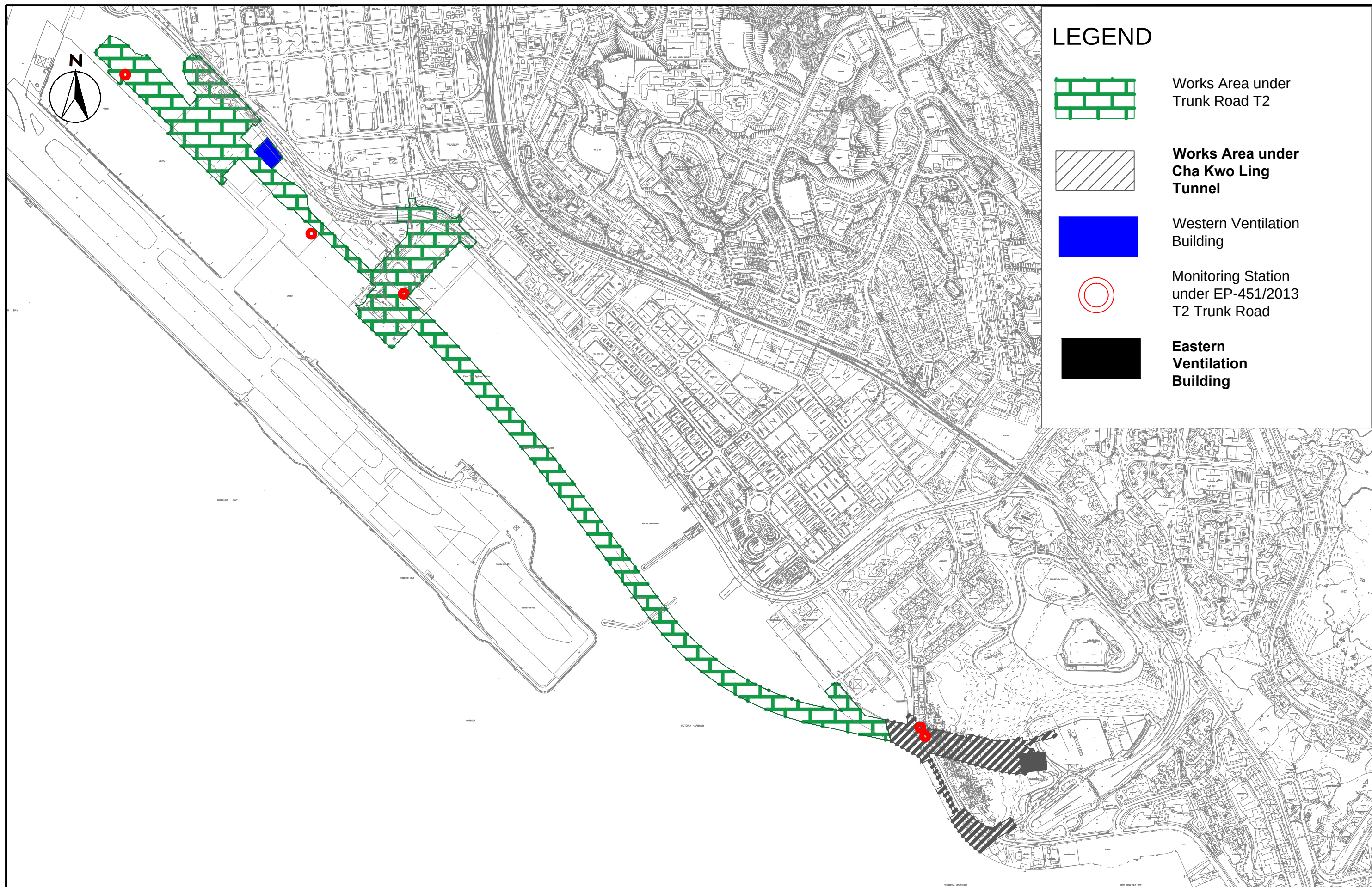
- Drip tray should be provided to the chemical container to avoid potential chemical leakage.

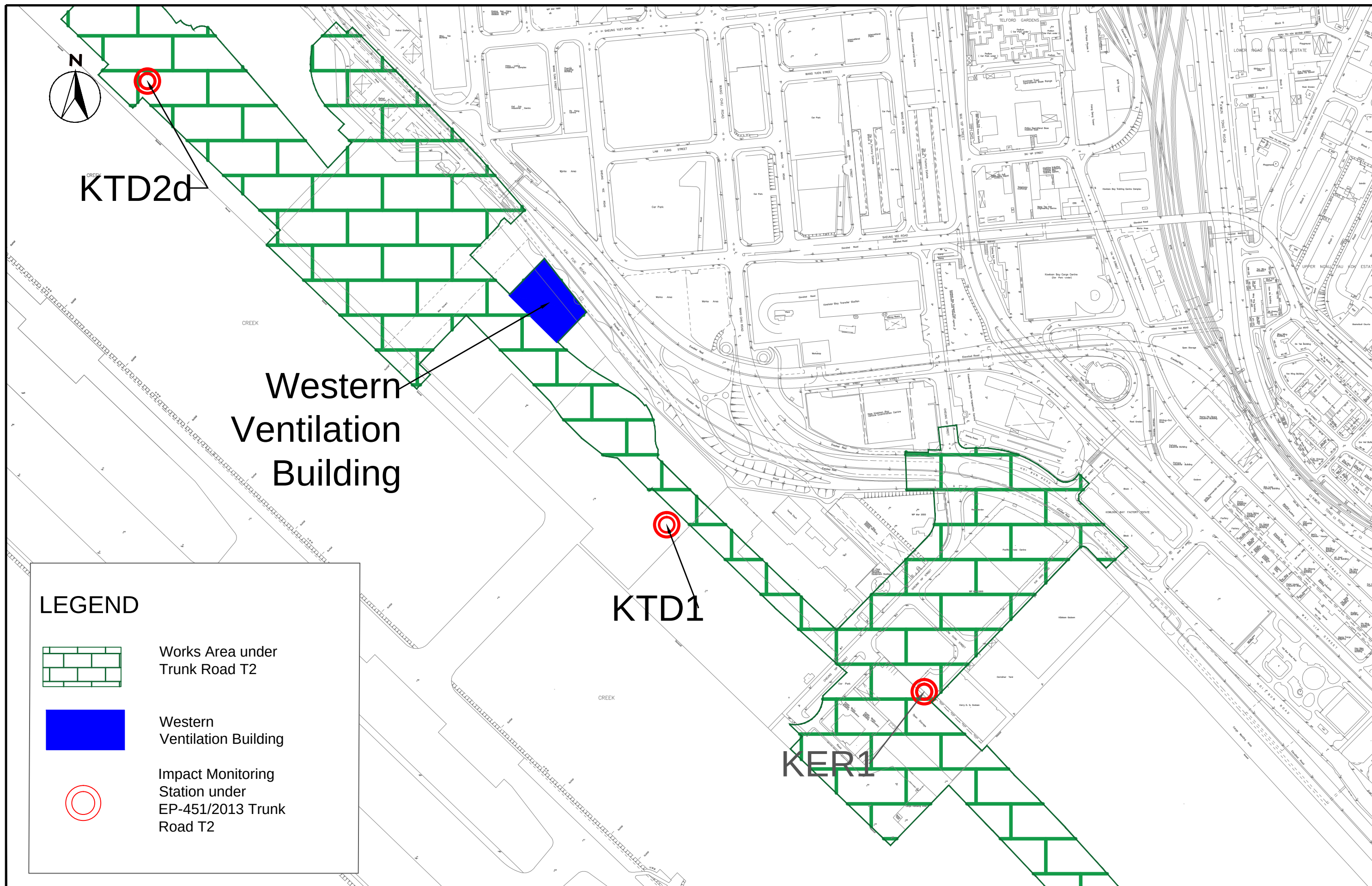
FIGURES



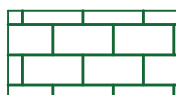


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LEGEND



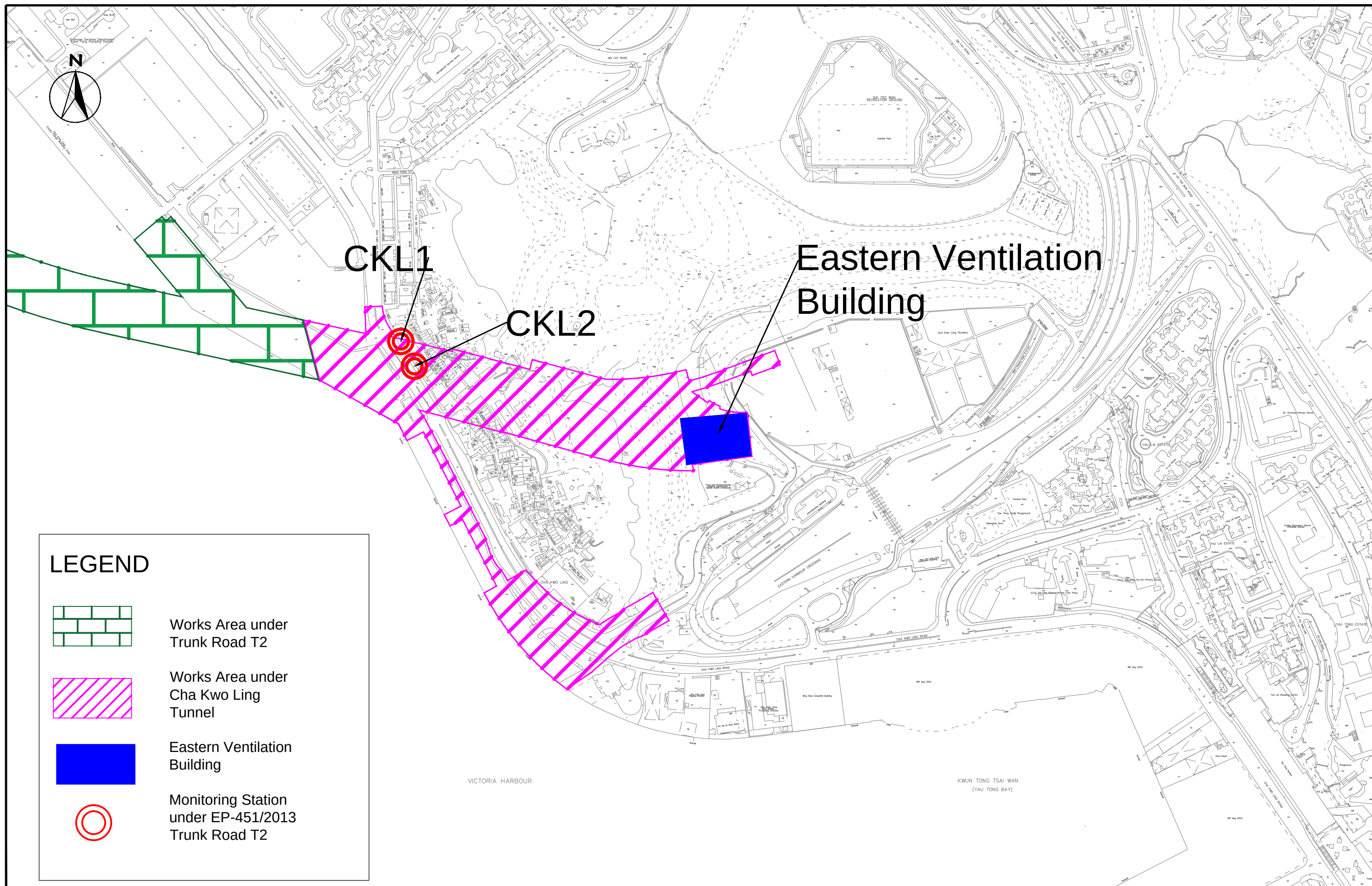
Works Area under
Trunk Road T2



Western
Ventilation Building



Impact Monitoring
Station under
EP-451/2013 Trunk
Road T2



APPENDIX A
ACTION AND LIMIT LEVELS

Appendix A - Action and Limit Levels

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

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

Note:

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

**APPENDIX B
ENVIRONMENTAL MONITORING
SCHEDULES**

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

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

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

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

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

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 (October 2025)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1-Oct	2-Oct	3-Oct	4-Oct
						24-hr TSP
5-Oct	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct	11-Oct
	Noise			24-hr TSP	Noise	
12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct	18-Oct
			24-hr TSP	Noise		
19-Oct	20-Oct	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct
		24-hr TSP	Noise			
26-Oct	27-Oct	28-Oct	29-Oct	30-Oct	31-Oct	
	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
Tentative Impact Air and Noise Monitoring Schedule (November 2025)

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

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

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

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

Air Quality Monitoring Station

24-hr TSP

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

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

KER1 - Future Residential Development at Kerry Godown

CKL1 - Flat 121 Cha Kwo Ling Village

CKL2 - Flat 103 Cha Kwo Ling Village

Noise Monitoring Station

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

KER1 - Future Residential Development at Kerry Godown

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

CKL1 - Flat 121 Cha Kwo Ling Village

CKL2 - Flat 103 Cha Kwo Ling Village

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

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

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

Certificate of Calibration - Wind Monitoring Station

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

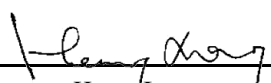
Test Specification:

- 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 Roots-meter S/N: 438320 Ta: 293 °K
Operator: Jim Tisch Pa: 759.0 mm Hg
Calibration Model #: TE-5025A Calibrator S/N: **3864**

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

Data Tabulation

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

Calculations

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

Standard Conditions

Tstd: 298.15 °K
Pstd: 760 mm Hg

Key

ΔH: calibrator manometer reading (in H2O)
ΔP: roots-meter 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. MA20003/18/033

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

Date: 4-Jul-25 Next Due Date: 4-Sep-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	<u>303.8</u>	Pressure, Pa (mmHg)	<u>754.1</u>

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

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.2</u>	<u>3.58</u>	<u>61.01</u>	<u>8.8</u>	<u>2.93</u>
2	<u>10.4</u>	<u>3.18</u>	<u>54.20</u>	<u>7.3</u>	<u>2.67</u>
3	<u>8.3</u>	<u>2.84</u>	<u>48.46</u>	<u>5.1</u>	<u>2.23</u>
4	<u>6.2</u>	<u>2.46</u>	<u>41.94</u>	<u>3.4</u>	<u>1.82</u>
5	<u>3.3</u>	<u>1.79</u>	<u>30.71</u>	<u>1.4</u>	<u>1.17</u>

By Linear Regression of Y on X

Slope, mw = 0.0598 Intercept, bw = -0.6672

Correlation coefficient* = 0.9970

*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 = $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ 3.73

Remarks: _____

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 4-Jul-25

Checked by: Henry Leung Signature: [Signature] Date: 4-Jul-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET



File No. MA20003/18/034

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

Date: 4-Sep-25

Next Due Date: 4-Nov-25

Operator: SK

Equipment No.: A-01-18

Model No.: TE 5170

Serial No. 0723

Ambient Condition

Temperature, Ta (K)

303.9

Pressure, Pa (mmHg)

755.9

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	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.1</u>	3.57	60.84	<u>8.9</u>	2.95
2	<u>10.5</u>	3.20	54.51	<u>7.2</u>	2.65
3	<u>8.2</u>	2.83	48.22	<u>5.0</u>	2.21
4	<u>6.1</u>	2.44	41.65	<u>3.5</u>	1.85
5	<u>3.4</u>	1.82	31.19	<u>1.5</u>	1.21

By Linear Regression of Y on X

Slope, mw = 0.0593

Intercept, bw = -0.6326

Correlation coefficient* = 0.9990

*If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation

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

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

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

Therefore, Set Point; W = $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ 3.77

Remarks:

Conducted by: Wong Shing Kwai

Signature:

Date: 4-Sep-25

Checked by: Henry Leung

Signature:

Date: 4-Sep-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET



File No. MA20003/55/033

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

Date: 4-Jul-25 Next Due Date: 4-Sep-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	303.8	Pressure, Pa (mmHg)	754.1

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	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	13.4	3.61	61.47	9.1	2.98
2	11.2	3.30	56.23	7.2	2.65
3	9.3	3.01	51.27	5.5	2.31
4	5.1	2.23	38.07	2.6	1.59
5	3.7	1.90	32.49	2.0	1.40

By Linear Regression of Y on X

Slope, mw = 0.0551 Intercept, bw = -0.4575

Correlation coefficient* = 0.9969

*If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation	
From the TSP Field Calibration Curve, take Qstd = 43 CFM	
From the Regression Equation, the "Y" value according to	
$mw \times Qstd + bw = [\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$	
Therefore, Set Point; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ <u>3.76</u>	

Remarks: _____

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 4-Jul-25

Checked by: Henry Leung Signature: [Signature] Date: 4-Jul-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET



File No. MA20003/55/034

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

Date: 4-Sep-25 Next Due Date: 4-Nov-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	303.9	Pressure, Pa (mmHg)	755.9

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	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	13.3	3.60	61.30	9.2	3.00
2	11.1	3.29	56.04	7.3	2.67
3	9.2	3.00	51.05	5.4	2.29
4	5.0	2.21	37.74	2.5	1.56
5	3.6	1.87	32.09	2.1	1.43

By Linear Regression of Y on X

Slope, mw = 0.0549 Intercept, bw = -0.4242

Correlation coefficient* = 0.9929

*If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation	
From the TSP Field Calibration Curve, take Qstd = 43 CFM	
From the Regression Equation, the "Y" value according to	
$mw \times Qstd + bw = [\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$	
Therefore, Set Point; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ <u>3.84</u>	

Remarks: _____

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 4-Sep-25

Checked by: Henry Leung Signature: [Signature] Date: 4-Sep-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET



File No. MA20003/04/0031

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

Ambient Condition			
Temperature, Ta (K)	<u>300.9</u>	Pressure, Pa (mmHg)	<u>749.2</u>

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

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>12.6</u>	3.51	59.71	<u>8.3</u>	2.85
2	<u>10.5</u>	3.20	54.54	<u>7.1</u>	2.63
3	<u>8.5</u>	2.88	49.11	<u>5.2</u>	2.25
4	<u>5.3</u>	2.27	38.87	<u>2.8</u>	1.65
5	<u>3.6</u>	1.87	32.10	<u>2.1</u>	1.43

By Linear Regression of Y on X

Slope, mw = 0.0538 Intercept, bw = -0.3556

Correlation coefficient* = 0.9951

*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 = $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ 3.92

Remarks: _____

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 11-Jul-25

Checked by: Henry Leung Signature: [Signature] Date: 11-Jul-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET



File No. MA20003/04/0032

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

Ambient Condition			
Temperature, Ta (K)	<u>302.5</u>	Pressure, Pa (mmHg)	<u>758.3</u>

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

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>12.5</u>	<u>3.51</u>	<u>59.67</u>	<u>8.2</u>	<u>2.84</u>
2	<u>10.6</u>	<u>3.23</u>	<u>54.98</u>	<u>7.2</u>	<u>2.66</u>
3	<u>8.4</u>	<u>2.87</u>	<u>48.99</u>	<u>5.3</u>	<u>2.28</u>
4	<u>5.5</u>	<u>2.33</u>	<u>39.72</u>	<u>2.9</u>	<u>1.69</u>
5	<u>3.4</u>	<u>1.83</u>	<u>31.31</u>	<u>2.0</u>	<u>1.40</u>

By Linear Regression of Y on X

Slope, mw = 0.0534 Intercept, bw = -0.3328

Correlation coefficient* = 0.9943

*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 = $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ 3.93

Remarks: _____

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

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

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET



File No. MA20003/44/0030

Project No. KTD1 - Centre of Excellence in Paediatrics (Children's Hospital)
 Date: 11-Jul-25 Next Due Date: 11-Sep-25 Operator: SK
 Equipment No.: A-01-44 Model No.: TE-5170 Serial No. 1316

Ambient Condition			
Temperature, Ta (K)	<u>300.9</u>	Pressure, Pa (mmHg)	<u>749.2</u>

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

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.4</u>	<u>3.62</u>	<u>61.56</u>	<u>9.1</u>	<u>2.98</u>
2	<u>11.4</u>	<u>3.34</u>	<u>56.81</u>	<u>7.3</u>	<u>2.67</u>
3	<u>9.5</u>	<u>3.05</u>	<u>51.90</u>	<u>5.6</u>	<u>2.34</u>
4	<u>6.2</u>	<u>2.46</u>	<u>42.00</u>	<u>3.7</u>	<u>1.90</u>
5	<u>3.6</u>	<u>1.87</u>	<u>32.10</u>	<u>2.1</u>	<u>1.43</u>

By Linear Regression of Y on X

Slope, mw = 0.0516 Intercept, bw = -0.2586

Correlation coefficient* = 0.9961

*If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation
From the TSP Field Calibration Curve, take Qstd = 43 CFM
From the Regression Equation, the "Y" value according to
$mw \times Qstd + bw = [\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$
Therefore, Set Point; W = $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ <u>3.94</u>

Remarks: _____

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 11-Jul-25

Checked by: Henry Leung Signature: [Signature] Date: 11-Jul-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET



File No. MA20003/44/0031

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

Ambient Condition			
Temperature, Ta (K)	<u>302.5</u>	Pressure, Pa (mmHg)	<u>758.3</u>

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

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.3</u>	<u>3.62</u>	<u>61.54</u>	<u>9.2</u>	<u>3.01</u>
2	<u>11.3</u>	<u>3.33</u>	<u>56.75</u>	<u>7.2</u>	<u>2.66</u>
3	<u>9.6</u>	<u>3.07</u>	<u>52.34</u>	<u>5.5</u>	<u>2.33</u>
4	<u>6.1</u>	<u>2.45</u>	<u>41.81</u>	<u>3.8</u>	<u>1.93</u>
5	<u>3.5</u>	<u>1.85</u>	<u>31.76</u>	<u>2.0</u>	<u>1.40</u>

By Linear Regression of Y on X

Slope, mw = 0.0517 Intercept, bw = -0.2591

Correlation coefficient* = 0.9925

*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 = $(mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ 3.92

Remarks: _____

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

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

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET



File No. MA20003/41/0030

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

Date: 11-Jul-25 Next Due Date: 11-Sep-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	<u>300.9</u>	Pressure, Pa (mmHg)	<u>749.2</u>

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

Calibration of TSP Sampler					
Calibration Point	Orifice			HVS	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	<u>13.6</u>	<u>3.64</u>	<u>62.02</u>	<u>9.4</u>	<u>3.03</u>
2	<u>11.4</u>	<u>3.34</u>	<u>56.81</u>	<u>8.2</u>	<u>2.83</u>
3	<u>9.6</u>	<u>3.06</u>	<u>52.17</u>	<u>6.1</u>	<u>2.44</u>
4	<u>7.2</u>	<u>2.65</u>	<u>45.23</u>	<u>4.2</u>	<u>2.02</u>
5	<u>4.2</u>	<u>2.02</u>	<u>34.64</u>	<u>2.3</u>	<u>1.50</u>

By Linear Regression of Y on X

Slope, mw = 0.0578 Intercept, bw = -0.5358

Correlation coefficient* = 0.9959

*If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation	
From the TSP Field Calibration Curve, take Qstd = 43 CFM	
From the Regression Equation, the "Y" value according to	
$mw \times Qstd + bw = [\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$	
Therefore, Set Point; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ <u>3.89</u>	

Remarks: _____

Conducted by: Wong Shing Kwai Signature: [Signature] Date: 11-Jul-25

Checked by: Henry Leung Signature: [Signature] Date: 11-Jul-25

High-Volume TSP Sampler

5-POINT CALIBRATION DATA SHEET



File No. MA20003/41/0031

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

Date: 11-Sep-25 Next Due Date: 11-Nov-25 Operator: SK

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

Ambient Condition			
Temperature, Ta (K)	302.5	Pressure, Pa (mmHg)	758.3

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	
	ΔH (orifice), in. of water	$[\Delta H \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (CFM) X - axis	ΔW (HVS), in. of water	$[\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$ Y-axis
1	13.8	3.68	62.68	9.3	3.02
2	11.5	3.36	57.25	8.3	2.86
3	9.7	3.09	52.61	6.2	2.47
4	7.3	2.68	45.70	4.3	2.06
5	4.3	2.06	35.16	2.1	1.44

By Linear Regression of Y on X

Slope, mw = 0.0598 Intercept, bw = -0.6600

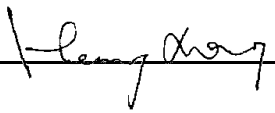
Correlation coefficient* = 0.9959

*If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation	
From the TSP Field Calibration Curve, take Qstd = 43 CFM	
From the Regression Equation, the "Y" value according to	
$mw \times Qstd + bw = [\Delta W \times (Pa/760) \times (298/Ta)]^{1/2}$	
Therefore, Set Point; $W = (mw \times Qstd + bw)^2 \times (760 / Pa) \times (Ta / 298) =$ <u>3.71</u>	

Remarks: _____

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

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

APPENDIX D
WEATHER INFORMATION

Appendix D - Weather Conditions During Impact Monitoring Period

Date	Mean Air Temperature (°C) ¹	Mean Relative Humidity (%) ²	Precipitation (mm) ³
1-Sep-25	30.3	74	0.0
2-Sep-25	30.3	75	0.1
3-Sep-25	30.5	73	0.0
4-Sep-25	30.9	71	0.0
5-Sep-25	30.9	70	0.0
6-Sep-25	30.7	72	0.0
7-Sep-25	28.1	84	46.7
8-Sep-25	27.4	86	85.6
9-Sep-25	28.7	84	13.1
10-Sep-25	29.1	80	0.1
11-Sep-25	29.5	79	0.0
12-Sep-25	30.1	73	0.0
13-Sep-25	30.1	71	0.0
14-Sep-25	29.8	72	0.0
15-Sep-25	30.4	73	Trace
16-Sep-25	30.4	74	0.5
17-Sep-25	29.9	77	18.1
18-Sep-25	29.9	74	1.4
19-Sep-25	28.5	73	0.4
20-Sep-25	26.3	91	98.4
21-Sep-25	26.5	94	81.6
22-Sep-25	29.3	76	0.0
23-Sep-25	29.3	70	10.2
24-Sep-25	26.1	91	170.1
25-Sep-25	27.8	86	1.7
26-Sep-25	29.4	77	0.0
27-Sep-25	30.0	72	Trace
28-Sep-25	29.2	79	0.7
29-Sep-25	29.5	78	0.0
30-Sep-25	29.5	74	0.0

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

Source - Hong Kong Observatory

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

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
1 Sep 2025	12:00 AM	SW	0.2
1 Sep 2025	1:00 AM	NW	0.2
1 Sep 2025	2:00 AM	W	0.2
1 Sep 2025	3:00 AM	S	0.1
1 Sep 2025	4:00 AM	SSE	0.0
1 Sep 2025	5:00 AM	S	0.1
1 Sep 2025	6:00 AM	WSW	0.1
1 Sep 2025	7:00 AM	S	0.1
1 Sep 2025	8:00 AM	NW	0.1
1 Sep 2025	9:00 AM	NW	0.2
1 Sep 2025	10:00 AM	NW	0.4
1 Sep 2025	11:00 AM	NW	0.6
1 Sep 2025	12:00 PM	NW	0.8
1 Sep 2025	1:00 PM	NW	0.8
1 Sep 2025	2:00 PM	W	0.9
1 Sep 2025	3:00 PM	WNW	0.9
1 Sep 2025	4:00 PM	WNW	0.7
1 Sep 2025	5:00 PM	NW	0.4
1 Sep 2025	6:00 PM	NW	0.2
1 Sep 2025	7:00 PM	NW	0.3
1 Sep 2025	8:00 PM	NW	0.2
1 Sep 2025	9:00 PM	NW	0.2
1 Sep 2025	10:00 PM	NW	0.1
1 Sep 2025	11:00 PM	NW	0.2
2 Sep 2025	12:00 AM	NNW	0.2
2 Sep 2025	1:00 AM	WNW	0.3
2 Sep 2025	2:00 AM	WNW	0.2
2 Sep 2025	3:00 AM	NW	0.1
2 Sep 2025	4:00 AM	NW	0.1
2 Sep 2025	5:00 AM	WNW	0.1
2 Sep 2025	6:00 AM	WNW	0.1
2 Sep 2025	7:00 AM	WNW	0.1
2 Sep 2025	8:00 AM	WNW	0.3
2 Sep 2025	9:00 AM	NW	0.6
2 Sep 2025	10:00 AM	NW	0.5
2 Sep 2025	11:00 AM	WNW	0.7
2 Sep 2025	12:00 PM	WNW	0.7
2 Sep 2025	1:00 PM	W	0.9
2 Sep 2025	2:00 PM	SW	1.0
2 Sep 2025	3:00 PM	WSW	0.7
2 Sep 2025	4:00 PM	W	0.7
2 Sep 2025	5:00 PM	WNW	0.7
2 Sep 2025	6:00 PM	NW	0.6
2 Sep 2025	7:00 PM	WSW	0.3
2 Sep 2025	8:00 PM	SSE	0.3
2 Sep 2025	9:00 PM	NW	0.3
2 Sep 2025	10:00 PM	SW	0.3
2 Sep 2025	11:00 PM	WNW	0.3
3 Sep 2025	12:00 AM	W	0.4
3 Sep 2025	1:00 AM	NW	0.2
3 Sep 2025	2:00 AM	SSE	0.2
3 Sep 2025	3:00 AM	WSW	0.0
3 Sep 2025	4:00 AM	SW	0.1
3 Sep 2025	5:00 AM	SW	0.1
3 Sep 2025	6:00 AM	WSW	0.1
3 Sep 2025	7:00 AM	SSE	0.2
3 Sep 2025	8:00 AM	S	0.3

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
3 Sep 2025	9:00 AM	WSW	0.4
3 Sep 2025	10:00 AM	WSW	0.5
3 Sep 2025	11:00 AM	SW	0.8
3 Sep 2025	12:00 PM	W	0.8
3 Sep 2025	1:00 PM	WNW	0.9
3 Sep 2025	2:00 PM	WSW	1.0
3 Sep 2025	3:00 PM	W	1.0
3 Sep 2025	4:00 PM	SW	0.9
3 Sep 2025	5:00 PM	WNW	0.6
3 Sep 2025	6:00 PM	WSW	0.7
3 Sep 2025	7:00 PM	W	0.5
3 Sep 2025	8:00 PM	NW	0.5
3 Sep 2025	9:00 PM	WNW	0.4
3 Sep 2025	10:00 PM	NW	0.4
3 Sep 2025	11:00 PM	NW	0.4
4 Sep 2025	12:00 AM	WNW	0.3
4 Sep 2025	1:00 AM	SW	0.3
4 Sep 2025	2:00 AM	WNW	0.3
4 Sep 2025	3:00 AM	NW	0.2
4 Sep 2025	4:00 AM	NW	0.1
4 Sep 2025	5:00 AM	NNW	0.1
4 Sep 2025	6:00 AM	NNW	0.0
4 Sep 2025	7:00 AM	NNW	0.1
4 Sep 2025	8:00 AM	NW	0.2
4 Sep 2025	9:00 AM	NW	0.7
4 Sep 2025	10:00 AM	WNW	0.5
4 Sep 2025	11:00 AM	WNW	0.6
4 Sep 2025	12:00 PM	WNW	0.8
4 Sep 2025	1:00 PM	W	0.8
4 Sep 2025	2:00 PM	WSW	1.0
4 Sep 2025	3:00 PM	SW	0.9
4 Sep 2025	4:00 PM	WNW	0.9
4 Sep 2025	5:00 PM	WNW	0.9
4 Sep 2025	6:00 PM	WNW	0.8
4 Sep 2025	7:00 PM	NW	0.6
4 Sep 2025	8:00 PM	NW	0.5
4 Sep 2025	9:00 PM	WNW	0.5
4 Sep 2025	10:00 PM	WSW	0.5
4 Sep 2025	11:00 PM	SW	0.3
5 Sep 2025	12:00 AM	WNW	0.3
5 Sep 2025	1:00 AM	SW	0.3
5 Sep 2025	2:00 AM	WNW	0.2
5 Sep 2025	3:00 AM	NW	0.1
5 Sep 2025	4:00 AM	NNW	0.0
5 Sep 2025	5:00 AM	NNW	0.0
5 Sep 2025	6:00 AM	NNW	0.0
5 Sep 2025	7:00 AM	W	0.0
5 Sep 2025	8:00 AM	E	0.1
5 Sep 2025	9:00 AM	WNW	0.3
5 Sep 2025	10:00 AM	NNW	0.4
5 Sep 2025	11:00 AM	NW	0.5
5 Sep 2025	12:00 PM	NW	0.8
5 Sep 2025	1:00 PM	WNW	0.9
5 Sep 2025	2:00 PM	WNW	1.2
5 Sep 2025	3:00 PM	WNW	1.2
5 Sep 2025	4:00 PM	NW	0.9
5 Sep 2025	5:00 PM	WNW	0.8

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
5 Sep 2025	6:00 PM	NW	0.4
5 Sep 2025	7:00 PM	NW	0.2
5 Sep 2025	8:00 PM	NW	0.2
5 Sep 2025	9:00 PM	WNW	0.2
5 Sep 2025	10:00 PM	WNW	0.1
5 Sep 2025	11:00 PM	WNW	0.1
6 Sep 2025	12:00 AM	W	0.1
6 Sep 2025	1:00 AM	WNW	0.2
6 Sep 2025	2:00 AM	WNW	0.1
6 Sep 2025	3:00 AM	WNW	0.1
6 Sep 2025	4:00 AM	WNW	0.1
6 Sep 2025	5:00 AM	WNW	0.1
6 Sep 2025	6:00 AM	WNW	0.0
6 Sep 2025	7:00 AM	WNW	0.0
6 Sep 2025	8:00 AM	NW	0.1
6 Sep 2025	9:00 AM	NNW	0.3
6 Sep 2025	10:00 AM	NW	0.1
6 Sep 2025	11:00 AM	NNW	0.1
6 Sep 2025	12:00 PM	WNW	0.1
6 Sep 2025	1:00 PM	NNW	0.2
6 Sep 2025	2:00 PM	WSW	0.6
6 Sep 2025	3:00 PM	WNW	0.7
6 Sep 2025	4:00 PM	WNW	0.5
6 Sep 2025	5:00 PM	WNW	0.3
6 Sep 2025	6:00 PM	NW	0.3
6 Sep 2025	7:00 PM	NW	0.4
6 Sep 2025	8:00 PM	NW	0.4
6 Sep 2025	9:00 PM	NW	0.4
6 Sep 2025	10:00 PM	WNW	0.4
6 Sep 2025	11:00 PM	WNW	0.5
7 Sep 2025	12:00 AM	NW	0.3
7 Sep 2025	1:00 AM	NW	0.4
7 Sep 2025	2:00 AM	NW	0.3
7 Sep 2025	3:00 AM	WNW	0.5
7 Sep 2025	4:00 AM	W	0.4
7 Sep 2025	5:00 AM	NW	0.2
7 Sep 2025	6:00 AM	NW	0.3
7 Sep 2025	7:00 AM	WNW	0.5
7 Sep 2025	8:00 AM	SW	0.3
7 Sep 2025	9:00 AM	SW	0.3
7 Sep 2025	10:00 AM	SW	0.4
7 Sep 2025	11:00 AM	WNW	0.2
7 Sep 2025	12:00 PM	WSW	0.3
7 Sep 2025	1:00 PM	WNW	0.1
7 Sep 2025	2:00 PM	W	0.3
7 Sep 2025	3:00 PM	WSW	0.7
7 Sep 2025	4:00 PM	WSW	0.5
7 Sep 2025	5:00 PM	W	0.3
7 Sep 2025	6:00 PM	SSE	0.4
7 Sep 2025	7:00 PM	WNW	0.6
7 Sep 2025	8:00 PM	WSW	0.7
7 Sep 2025	9:00 PM	WNW	2.3
7 Sep 2025	10:00 PM	NW	2.3
7 Sep 2025	11:00 PM	W	2.7
8 Sep 2025	12:00 AM	W	2.4
8 Sep 2025	1:00 AM	WNW	2.1
8 Sep 2025	2:00 AM	NW	2.1

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
8 Sep 2025	3:00 AM	NW	2.0
8 Sep 2025	4:00 AM	NW	2.0
8 Sep 2025	5:00 AM	SW	2.1
8 Sep 2025	6:00 AM	W	2.4
8 Sep 2025	7:00 AM	NW	2.5
8 Sep 2025	8:00 AM	WNW	2.8
8 Sep 2025	9:00 AM	NW	2.9
8 Sep 2025	10:00 AM	NW	2.5
8 Sep 2025	11:00 AM	NNW	2.4
8 Sep 2025	12:00 PM	NW	2.3
8 Sep 2025	1:00 PM	NW	0.2
8 Sep 2025	2:00 PM	NW	0.2
8 Sep 2025	3:00 PM	NW	0.1
8 Sep 2025	4:00 PM	NW	0.2
8 Sep 2025	5:00 PM	NW	0.1
8 Sep 2025	6:00 PM	NW	0.0
8 Sep 2025	7:00 PM	NW	0.1
8 Sep 2025	8:00 PM	SW	0.1
8 Sep 2025	9:00 PM	NNE	0.1
8 Sep 2025	10:00 PM	NNE	0.0
8 Sep 2025	11:00 PM	SE	0.0
9 Sep 2025	12:00 AM	SSE	0.1
9 Sep 2025	1:00 AM	SSW	0.2
9 Sep 2025	2:00 AM	WSW	0.6
9 Sep 2025	3:00 AM	WNW	0.8
9 Sep 2025	4:00 AM	W	0.6
9 Sep 2025	5:00 AM	W	1.0
9 Sep 2025	6:00 AM	WNW	1.2
9 Sep 2025	7:00 AM	WNW	1.0
9 Sep 2025	8:00 AM	NW	1.0
9 Sep 2025	9:00 AM	WNW	1.1
9 Sep 2025	10:00 AM	NW	0.6
9 Sep 2025	11:00 AM	NW	0.5
9 Sep 2025	12:00 PM	NW	0.5
9 Sep 2025	1:00 PM	NW	0.3
9 Sep 2025	2:00 PM	NW	0.3
9 Sep 2025	3:00 PM	W	0.3
9 Sep 2025	4:00 PM	WNW	0.3
9 Sep 2025	5:00 PM	NW	0.4
9 Sep 2025	6:00 PM	WNW	0.3
9 Sep 2025	7:00 PM	WNW	0.1
9 Sep 2025	8:00 PM	WNW	0.1
9 Sep 2025	9:00 PM	WNW	0.1
9 Sep 2025	10:00 PM	WNW	0.0
9 Sep 2025	11:00 PM	NW	0.1
10 Sep 2025	12:00 AM	NW	0.2
10 Sep 2025	1:00 AM	NW	0.3
10 Sep 2025	2:00 AM	WNW	0.5
10 Sep 2025	3:00 AM	WNW	0.6
10 Sep 2025	4:00 AM	NW	0.9
10 Sep 2025	5:00 AM	NW	0.9
10 Sep 2025	6:00 AM	NW	0.9
10 Sep 2025	7:00 AM	WNW	1.1
10 Sep 2025	8:00 AM	NW	1.0
10 Sep 2025	9:00 AM	NW	1.0
10 Sep 2025	10:00 AM	NW	0.6
10 Sep 2025	11:00 AM	NW	0.5

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
10 Sep 2025	12:00 PM	NW	0.3
10 Sep 2025	1:00 PM	NW	0.1
10 Sep 2025	2:00 PM	NW	0.3
10 Sep 2025	3:00 PM	NW	0.2
10 Sep 2025	4:00 PM	WNW	0.2
10 Sep 2025	5:00 PM	WNW	0.1
10 Sep 2025	6:00 PM	WNW	0.0
10 Sep 2025	7:00 PM	WNW	0.1
10 Sep 2025	8:00 PM	WNW	0.0
10 Sep 2025	9:00 PM	WNW	0.0
10 Sep 2025	10:00 PM	WNW	0.0
10 Sep 2025	11:00 PM	WNW	0.0
11 Sep 2025	12:00 AM	WNW	0.1
11 Sep 2025	1:00 AM	WNW	0.2
11 Sep 2025	2:00 AM	NW	0.4
11 Sep 2025	3:00 AM	WNW	0.3
11 Sep 2025	4:00 AM	WNW	0.4
11 Sep 2025	5:00 AM	SW	0.6
11 Sep 2025	6:00 AM	WNW	0.7
11 Sep 2025	7:00 AM	W	0.9
11 Sep 2025	8:00 AM	NW	1.0
11 Sep 2025	9:00 AM	WNW	0.9
11 Sep 2025	10:00 AM	WNW	1.0
11 Sep 2025	11:00 AM	NW	0.8
11 Sep 2025	12:00 PM	NW	0.6
11 Sep 2025	1:00 PM	WNW	0.4
11 Sep 2025	2:00 PM	NW	0.2
11 Sep 2025	3:00 PM	NW	0.1
11 Sep 2025	4:00 PM	NW	0.2
11 Sep 2025	5:00 PM	NNW	0.1
11 Sep 2025	6:00 PM	NNW	0.1
11 Sep 2025	7:00 PM	NNW	0.1
11 Sep 2025	8:00 PM	NNW	0.2
11 Sep 2025	9:00 PM	NNW	0.1
11 Sep 2025	10:00 PM	NNW	0.1
11 Sep 2025	11:00 PM	NNW	0.1
12 Sep 2025	12:00 AM	NNW	0.1
12 Sep 2025	1:00 AM	NW	0.2
12 Sep 2025	2:00 AM	SW	0.4
12 Sep 2025	3:00 AM	WSW	0.4
12 Sep 2025	4:00 AM	S	0.7
12 Sep 2025	5:00 AM	W	0.8
12 Sep 2025	6:00 AM	W	0.8
12 Sep 2025	7:00 AM	WSW	0.8
12 Sep 2025	8:00 AM	W	0.7
12 Sep 2025	9:00 AM	NW	0.7
12 Sep 2025	10:00 AM	WNW	0.6
12 Sep 2025	11:00 AM	WNW	0.7
12 Sep 2025	12:00 PM	W	0.5
12 Sep 2025	1:00 PM	NW	0.5
12 Sep 2025	2:00 PM	W	0.4
12 Sep 2025	3:00 PM	NW	0.6
12 Sep 2025	4:00 PM	WNW	0.5
12 Sep 2025	5:00 PM	WNW	0.4
12 Sep 2025	6:00 PM	NW	0.4
12 Sep 2025	7:00 PM	NW	0.3
12 Sep 2025	8:00 PM	NW	0.3

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
12 Sep 2025	9:00 PM	W	0.4
12 Sep 2025	10:00 PM	WSW	0.1
12 Sep 2025	11:00 PM	S	0.1
13 Sep 2025	12:00 AM	SW	0.2
13 Sep 2025	1:00 AM	SSW	0.3
13 Sep 2025	2:00 AM	S	0.5
13 Sep 2025	3:00 AM	WNW	0.7
13 Sep 2025	4:00 AM	W	0.7
13 Sep 2025	5:00 AM	WSW	0.6
13 Sep 2025	6:00 AM	WNW	0.7
13 Sep 2025	7:00 AM	WNW	0.8
13 Sep 2025	8:00 AM	WNW	0.6
13 Sep 2025	9:00 AM	NW	0.6
13 Sep 2025	10:00 AM	WNW	0.6
13 Sep 2025	11:00 AM	NW	0.3
13 Sep 2025	12:00 PM	NW	0.3
13 Sep 2025	1:00 PM	WNW	0.1
13 Sep 2025	2:00 PM	WNW	0.1
13 Sep 2025	3:00 PM	WNW	0.2
13 Sep 2025	4:00 PM	NW	0.2
13 Sep 2025	5:00 PM	NW	0.1
13 Sep 2025	6:00 PM	NNW	0.1
13 Sep 2025	7:00 PM	NW	0.0
13 Sep 2025	8:00 PM	NW	0.1
13 Sep 2025	9:00 PM	NW	0.1
13 Sep 2025	10:00 PM	NW	0.1
13 Sep 2025	11:00 PM	NW	0.3
14 Sep 2025	12:00 AM	NNW	0.1
14 Sep 2025	1:00 AM	NNW	0.2
14 Sep 2025	2:00 AM	NW	0.2
14 Sep 2025	3:00 AM	SW	0.5
14 Sep 2025	4:00 AM	W	0.8
14 Sep 2025	5:00 AM	W	0.7
14 Sep 2025	6:00 AM	W	0.7
14 Sep 2025	7:00 AM	W	1.0
14 Sep 2025	8:00 AM	W	0.6
14 Sep 2025	9:00 AM	NW	0.5
14 Sep 2025	10:00 AM	NW	0.5
14 Sep 2025	11:00 AM	NW	0.3
14 Sep 2025	12:00 PM	NW	0.4
14 Sep 2025	1:00 PM	WNW	0.4
14 Sep 2025	2:00 PM	WNW	0.3
14 Sep 2025	3:00 PM	NW	0.4
14 Sep 2025	4:00 PM	ENE	0.3
14 Sep 2025	5:00 PM	NNE	0.1
14 Sep 2025	6:00 PM	E	0.1
14 Sep 2025	7:00 PM	NW	0.2
14 Sep 2025	8:00 PM	NNW	0.0
14 Sep 2025	9:00 PM	NNW	0.1
14 Sep 2025	10:00 PM	N	0.1
14 Sep 2025	11:00 PM	SSE	0.4
15 Sep 2025	12:00 AM	ENE	0.3
15 Sep 2025	1:00 AM	ESE	0.4
15 Sep 2025	2:00 AM	WSW	0.6
15 Sep 2025	3:00 AM	SW	0.5
15 Sep 2025	4:00 AM	SSW	0.5
15 Sep 2025	5:00 AM	W	0.8

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
15 Sep 2025	6:00 AM	NW	0.8
15 Sep 2025	7:00 AM	W	0.6
15 Sep 2025	8:00 AM	W	0.8
15 Sep 2025	9:00 AM	W	0.5
15 Sep 2025	10:00 AM	WSW	0.4
15 Sep 2025	11:00 AM	WNW	0.3
15 Sep 2025	12:00 PM	WNW	0.4
15 Sep 2025	1:00 PM	NW	0.2
15 Sep 2025	2:00 PM	W	0.4
15 Sep 2025	3:00 PM	WNW	0.4
15 Sep 2025	4:00 PM	NW	0.5
15 Sep 2025	5:00 PM	NW	0.4
15 Sep 2025	6:00 PM	WNW	0.5
15 Sep 2025	7:00 PM	S	0.3
15 Sep 2025	8:00 PM	WSW	0.3
15 Sep 2025	9:00 PM	WSW	0.3
15 Sep 2025	10:00 PM	SW	0.3
15 Sep 2025	11:00 PM	SE	0.4
16 Sep 2025	12:00 AM	ESE	0.4
16 Sep 2025	1:00 AM	ESE	0.5
16 Sep 2025	2:00 AM	S	0.7
16 Sep 2025	3:00 AM	SSE	0.6
16 Sep 2025	4:00 AM	S	0.6
16 Sep 2025	5:00 AM	SSE	0.9
16 Sep 2025	6:00 AM	SSE	1.1
16 Sep 2025	7:00 AM	SSE	1.0
16 Sep 2025	8:00 AM	SE	1.1
16 Sep 2025	9:00 AM	S	0.9
16 Sep 2025	10:00 AM	S	0.4
16 Sep 2025	11:00 AM	SSW	0.6
16 Sep 2025	12:00 PM	S	0.5
16 Sep 2025	1:00 PM	SSE	0.7
16 Sep 2025	2:00 PM	S	0.6
16 Sep 2025	3:00 PM	SSE	0.5
16 Sep 2025	4:00 PM	S	0.6
16 Sep 2025	5:00 PM	S	0.4
16 Sep 2025	6:00 PM	S	0.5
16 Sep 2025	7:00 PM	SSW	0.4
16 Sep 2025	8:00 PM	SSW	0.1
16 Sep 2025	9:00 PM	SSW	0.3
16 Sep 2025	10:00 PM	S	0.2
16 Sep 2025	11:00 PM	SSE	0.1
17 Sep 2025	12:00 AM	S	0.1
17 Sep 2025	1:00 AM	SW	0.2
17 Sep 2025	2:00 AM	S	0.2
17 Sep 2025	3:00 AM	SSW	0.1
17 Sep 2025	4:00 AM	SE	0.2
17 Sep 2025	5:00 AM	W	0.0
17 Sep 2025	6:00 AM	NW	0.0
17 Sep 2025	7:00 AM	NNW	0.0
17 Sep 2025	8:00 AM	NNW	0.0
17 Sep 2025	9:00 AM	NW	0.0
17 Sep 2025	10:00 AM	W	0.0
17 Sep 2025	11:00 AM	W	0.0
17 Sep 2025	12:00 PM	WSW	0.1
17 Sep 2025	1:00 PM	SW	0.1
17 Sep 2025	2:00 PM	WSW	0.0

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
17 Sep 2025	3:00 PM	SW	0.0
17 Sep 2025	4:00 PM	W	0.2
17 Sep 2025	5:00 PM	NW	0.1
17 Sep 2025	6:00 PM	WNW	0.2
17 Sep 2025	7:00 PM	NNW	0.1
17 Sep 2025	8:00 PM	NNW	0.0
17 Sep 2025	9:00 PM	NNW	0.1
17 Sep 2025	10:00 PM	SW	0.2
17 Sep 2025	11:00 PM	S	0.1
18 Sep 2025	12:00 AM	NNW	0.0
18 Sep 2025	1:00 AM	NW	0.0
18 Sep 2025	2:00 AM	W	0.0
18 Sep 2025	3:00 AM	SW	0.1
18 Sep 2025	4:00 AM	ENE	0.1
18 Sep 2025	5:00 AM	NNE	0.0
18 Sep 2025	6:00 AM	S	0.1
18 Sep 2025	7:00 AM	NE	0.0
18 Sep 2025	8:00 AM	SE	0.2
18 Sep 2025	9:00 AM	N	0.0
18 Sep 2025	10:00 AM	N	0.0
18 Sep 2025	11:00 AM	SSE	0.0
18 Sep 2025	12:00 PM	WNW	0.1
18 Sep 2025	1:00 PM	SW	0.0
18 Sep 2025	2:00 PM	NW	0.1
18 Sep 2025	3:00 PM	WNW	0.0
18 Sep 2025	4:00 PM	W	0.0
18 Sep 2025	5:00 PM	W	0.0
18 Sep 2025	6:00 PM	SW	0.0
18 Sep 2025	7:00 PM	WNW	0.0
18 Sep 2025	8:00 PM	NW	0.0
18 Sep 2025	9:00 PM	WNW	0.0
18 Sep 2025	10:00 PM	W	0.0
18 Sep 2025	11:00 PM	S	0.1
19 Sep 2025	12:00 AM	WNW	0.0
19 Sep 2025	1:00 AM	ENE	0.1
19 Sep 2025	2:00 AM	E	0.2
19 Sep 2025	3:00 AM	ESE	0.4
19 Sep 2025	4:00 AM	ESE	0.3
19 Sep 2025	5:00 AM	SE	0.5
19 Sep 2025	6:00 AM	S	0.7
19 Sep 2025	7:00 AM	SW	0.2
19 Sep 2025	8:00 AM	S	0.3
19 Sep 2025	9:00 AM	SW	0.4
19 Sep 2025	10:00 AM	SW	0.2
19 Sep 2025	11:00 AM	WSW	0.1
19 Sep 2025	12:00 PM	SSE	0.2
19 Sep 2025	1:00 PM	SE	0.3
19 Sep 2025	2:00 PM	SSE	0.4
19 Sep 2025	3:00 PM	S	0.4
19 Sep 2025	4:00 PM	SE	0.4
19 Sep 2025	5:00 PM	SSE	0.5
19 Sep 2025	6:00 PM	SE	0.5
19 Sep 2025	7:00 PM	SSE	0.5
19 Sep 2025	8:00 PM	SE	0.6
19 Sep 2025	9:00 PM	SSW	0.6
19 Sep 2025	10:00 PM	SW	0.5
19 Sep 2025	11:00 PM	SSW	0.4

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
20 Sep 2025	12:00 AM	SSE	0.4
20 Sep 2025	1:00 AM	SSW	0.5
20 Sep 2025	2:00 AM	SSE	0.6
20 Sep 2025	3:00 AM	ESE	0.6
20 Sep 2025	4:00 AM	S	0.7
20 Sep 2025	5:00 AM	S	0.9
20 Sep 2025	6:00 AM	SSW	0.8
20 Sep 2025	7:00 AM	S	0.9
20 Sep 2025	8:00 AM	S	0.7
20 Sep 2025	9:00 AM	SE	0.9
20 Sep 2025	10:00 AM	SSE	1.0
20 Sep 2025	11:00 AM	SSE	1.0
20 Sep 2025	12:00 PM	SSW	1.0
20 Sep 2025	1:00 PM	SE	1.2
20 Sep 2025	2:00 PM	SSE	1.7
20 Sep 2025	3:00 PM	SE	1.7
20 Sep 2025	4:00 PM	SSE	1.6
20 Sep 2025	5:00 PM	SSE	1.7
20 Sep 2025	6:00 PM	SSE	1.9
20 Sep 2025	7:00 PM	S	2.3
20 Sep 2025	8:00 PM	S	2.9
20 Sep 2025	9:00 PM	S	2.1
20 Sep 2025	10:00 PM	S	1.7
20 Sep 2025	11:00 PM	SSE	1.5
21 Sep 2025	12:00 AM	SSE	1.7
21 Sep 2025	1:00 AM	SSW	1.8
21 Sep 2025	2:00 AM	SSW	1.6
21 Sep 2025	3:00 AM	SW	1.6
21 Sep 2025	4:00 AM	SW	1.9
21 Sep 2025	5:00 AM	S	1.6
21 Sep 2025	6:00 AM	SW	1.8
21 Sep 2025	7:00 AM	SSW	1.5
21 Sep 2025	8:00 AM	S	1.1
21 Sep 2025	9:00 AM	SSW	1.1
21 Sep 2025	10:00 AM	SSW	1.0
21 Sep 2025	11:00 AM	SSW	0.9
21 Sep 2025	12:00 PM	SW	1.2
21 Sep 2025	1:00 PM	SSW	0.8
21 Sep 2025	2:00 PM	SW	1.0
21 Sep 2025	3:00 PM	SW	1.0
21 Sep 2025	4:00 PM	SW	1.0
21 Sep 2025	5:00 PM	SW	1.1
21 Sep 2025	6:00 PM	SW	1.1
21 Sep 2025	7:00 PM	W	1.0
21 Sep 2025	8:00 PM	SSW	0.9
21 Sep 2025	9:00 PM	SW	0.6
21 Sep 2025	10:00 PM	S	0.8
21 Sep 2025	11:00 PM	SW	0.7
22 Sep 2025	12:00 AM	W	0.8
22 Sep 2025	1:00 AM	SW	1.0
22 Sep 2025	2:00 AM	SW	1.0
22 Sep 2025	3:00 AM	SW	1.0
22 Sep 2025	4:00 AM	SSW	1.2
22 Sep 2025	5:00 AM	SSW	1.3
22 Sep 2025	6:00 AM	SW	1.0
22 Sep 2025	7:00 AM	SW	0.8
22 Sep 2025	8:00 AM	SSW	0.8

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
22 Sep 2025	9:00 AM	SW	0.8
22 Sep 2025	10:00 AM	SW	1.0
22 Sep 2025	11:00 AM	SW	1.0
22 Sep 2025	12:00 PM	SSW	1.1
22 Sep 2025	1:00 PM	SW	1.0
22 Sep 2025	2:00 PM	S	0.7
22 Sep 2025	3:00 PM	SW	0.7
22 Sep 2025	4:00 PM	SSE	0.4
22 Sep 2025	5:00 PM	SW	0.7
22 Sep 2025	6:00 PM	SSW	0.5
22 Sep 2025	7:00 PM	WSW	0.5
22 Sep 2025	8:00 PM	SW	0.4
22 Sep 2025	9:00 PM	SSW	0.3
22 Sep 2025	10:00 PM	SSW	0.5
22 Sep 2025	11:00 PM	SSW	0.4
23 Sep 2025	12:00 AM	WSW	0.4
23 Sep 2025	1:00 AM	SSW	0.7
23 Sep 2025	2:00 AM	SSW	0.8
23 Sep 2025	3:00 AM	WSW	0.7
23 Sep 2025	4:00 AM	SSW	0.8
23 Sep 2025	5:00 AM	SSW	2.7
23 Sep 2025	6:00 AM	SSW	2.6
23 Sep 2025	7:00 AM	WSW	2.4
23 Sep 2025	8:00 AM	SW	2.6
23 Sep 2025	9:00 AM	WSW	2.5
23 Sep 2025	10:00 AM	WSW	2.5
23 Sep 2025	11:00 AM	SW	2.7
23 Sep 2025	12:00 PM	SSW	2.3
23 Sep 2025	1:00 PM	SSE	2.2
23 Sep 2025	2:00 PM	SSW	2.3
23 Sep 2025	3:00 PM	S	5.4
23 Sep 2025	4:00 PM	SSW	5.3
23 Sep 2025	5:00 PM	SW	5.3
23 Sep 2025	6:00 PM	SSW	5.3
23 Sep 2025	7:00 PM	SW	5.4
23 Sep 2025	8:00 PM	SSW	5.5
23 Sep 2025	9:00 PM	SW	5.5
23 Sep 2025	10:00 PM	SSW	5.5
23 Sep 2025	11:00 PM	SSW	5.4
24 Sep 2025	12:00 AM	SW	7.3
24 Sep 2025	1:00 AM	SSW	7.4
24 Sep 2025	2:00 AM	SW	7.6
24 Sep 2025	3:00 AM	SW	7.7
24 Sep 2025	4:00 AM	WSW	7.8
24 Sep 2025	5:00 AM	SSW	7.9
24 Sep 2025	6:00 AM	SW	8.0
24 Sep 2025	7:00 AM	SW	7.9
24 Sep 2025	8:00 AM	SSW	7.9
24 Sep 2025	9:00 AM	SSW	7.9
24 Sep 2025	10:00 AM	SSW	7.8
24 Sep 2025	11:00 AM	SW	7.5
24 Sep 2025	12:00 PM	SW	7.8
24 Sep 2025	1:00 PM	WSW	7.5
24 Sep 2025	2:00 PM	SW	7.6
24 Sep 2025	3:00 PM	W	7.5
24 Sep 2025	4:00 PM	WSW	7.5
24 Sep 2025	5:00 PM	WNW	7.4

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
24 Sep 2025	6:00 PM	SW	7.5
24 Sep 2025	7:00 PM	SW	7.6
24 Sep 2025	8:00 PM	SSW	7.5
24 Sep 2025	9:00 PM	SSW	7.6
24 Sep 2025	10:00 PM	SW	7.4
24 Sep 2025	11:00 PM	S	7.5
25 Sep 2025	12:00 AM	SW	7.7
25 Sep 2025	1:00 AM	SW	7.7
25 Sep 2025	2:00 AM	SW	7.8
25 Sep 2025	3:00 AM	W	3.9
25 Sep 2025	4:00 AM	WSW	3.9
25 Sep 2025	5:00 AM	SSW	4.0
25 Sep 2025	6:00 AM	WSW	4.0
25 Sep 2025	7:00 AM	WSW	3.8
25 Sep 2025	8:00 AM	SW	3.8
25 Sep 2025	9:00 AM	WSW	2.5
25 Sep 2025	10:00 AM	WSW	2.6
25 Sep 2025	11:00 AM	WSW	2.5
25 Sep 2025	12:00 PM	SW	2.5
25 Sep 2025	1:00 PM	SSW	2.5
25 Sep 2025	2:00 PM	SW	2.4
25 Sep 2025	3:00 PM	SSW	2.4
25 Sep 2025	4:00 PM	WSW	2.3
25 Sep 2025	5:00 PM	SW	1.3
25 Sep 2025	6:00 PM	WSW	1.4
25 Sep 2025	7:00 PM	WSW	1.5
25 Sep 2025	8:00 PM	SW	1.5
25 Sep 2025	9:00 PM	WSW	1.4
25 Sep 2025	10:00 PM	WSW	1.4
25 Sep 2025	11:00 PM	WSW	1.4
26 Sep 2025	12:00 AM	WSW	0.7
26 Sep 2025	1:00 AM	SW	0.6
26 Sep 2025	2:00 AM	WSW	0.6
26 Sep 2025	3:00 AM	SW	0.6
26 Sep 2025	4:00 AM	W	0.5
26 Sep 2025	5:00 AM	SSW	0.7
26 Sep 2025	6:00 AM	S	0.6
26 Sep 2025	7:00 AM	W	0.6
26 Sep 2025	8:00 AM	W	0.6
26 Sep 2025	9:00 AM	WSW	0.5
26 Sep 2025	10:00 AM	SW	0.6
26 Sep 2025	11:00 AM	SW	0.5
26 Sep 2025	12:00 PM	SW	0.3
26 Sep 2025	1:00 PM	SW	0.3
26 Sep 2025	2:00 PM	WSW	0.3
26 Sep 2025	3:00 PM	SSW	0.2
26 Sep 2025	4:00 PM	WNW	0.3
26 Sep 2025	5:00 PM	WSW	0.1
26 Sep 2025	6:00 PM	NNW	0.0
26 Sep 2025	7:00 PM	SW	0.1
26 Sep 2025	8:00 PM	WSW	0.1
26 Sep 2025	9:00 PM	E	0.2
26 Sep 2025	10:00 PM	NE	0.0
26 Sep 2025	11:00 PM	ENE	0.0
27 Sep 2025	12:00 AM	SSE	0.1
27 Sep 2025	1:00 AM	NNW	0.1
27 Sep 2025	2:00 AM	WNW	0.2

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
27 Sep 2025	3:00 AM	WNW	0.2
27 Sep 2025	4:00 AM	SSE	0.3
27 Sep 2025	5:00 AM	SW	0.2
27 Sep 2025	6:00 AM	S	0.3
27 Sep 2025	7:00 AM	SSW	0.4
27 Sep 2025	8:00 AM	S	0.6
27 Sep 2025	9:00 AM	SSE	0.5
27 Sep 2025	10:00 AM	SSE	0.3
27 Sep 2025	11:00 AM	SSW	0.2
27 Sep 2025	12:00 PM	SSW	0.2
27 Sep 2025	1:00 PM	SW	0.1
27 Sep 2025	2:00 PM	S	0.1
27 Sep 2025	3:00 PM	SSW	0.1
27 Sep 2025	4:00 PM	SW	0.1
27 Sep 2025	5:00 PM	SW	0.2
27 Sep 2025	6:00 PM	S	0.3
27 Sep 2025	7:00 PM	WSW	0.2
27 Sep 2025	8:00 PM	WSW	0.0
27 Sep 2025	9:00 PM	SW	0.3
27 Sep 2025	10:00 PM	SSE	0.3
27 Sep 2025	11:00 PM	SSE	0.1
28 Sep 2025	12:00 AM	SW	0.1
28 Sep 2025	1:00 AM	WSW	0.2
28 Sep 2025	2:00 AM	S	0.3
28 Sep 2025	3:00 AM	SE	0.4
28 Sep 2025	4:00 AM	S	0.2
28 Sep 2025	5:00 AM	SSW	0.6
28 Sep 2025	6:00 AM	SW	1.0
28 Sep 2025	7:00 AM	SW	1.0
28 Sep 2025	8:00 AM	WSW	0.9
28 Sep 2025	9:00 AM	WSW	1.0
28 Sep 2025	10:00 AM	SW	0.7
28 Sep 2025	11:00 AM	SW	0.7
28 Sep 2025	12:00 PM	SW	0.5
28 Sep 2025	1:00 PM	SW	0.4
28 Sep 2025	2:00 PM	W	0.5

September 2025			
Wind Speed and Directions			
Date	Time	Direction	Wind Speed m-s
28 Sep 2025	3:00 PM	WSW	0.4
28 Sep 2025	4:00 PM	SW	0.4
28 Sep 2025	5:00 PM	WSW	0.5
28 Sep 2025	6:00 PM	WSW	0.3
28 Sep 2025	7:00 PM	WSW	0.3
28 Sep 2025	8:00 PM	W	0.3
28 Sep 2025	9:00 PM	SW	0.3
28 Sep 2025	10:00 PM	WSW	0.3
28 Sep 2025	11:00 PM	SW	0.2
29 Sep 2025	12:00 AM	WSW	0.4
29 Sep 2025	1:00 AM	WSW	0.5
29 Sep 2025	2:00 AM	W	0.7
29 Sep 2025	3:00 AM	W	0.9
29 Sep 2025	4:00 AM	W	1.1
29 Sep 2025	5:00 AM	W	0.9
29 Sep 2025	6:00 AM	W	1.0
29 Sep 2025	7:00 AM	WNW	0.9
29 Sep 2025	8:00 AM	W	0.8
29 Sep 2025	9:00 AM	WSW	0.9
29 Sep 2025	10:00 AM	SW	0.6
29 Sep 2025	11:00 AM	SW	0.5
29 Sep 2025	12:00 PM	WSW	0.6
29 Sep 2025	1:00 PM	S	0.6
29 Sep 2025	2:00 PM	WSW	0.3
29 Sep 2025	3:00 PM	WSW	0.3
29 Sep 2025	4:00 PM	SW	0.3
29 Sep 2025	5:00 PM	SW	0.3
29 Sep 2025	6:00 PM	WSW	0.3
29 Sep 2025	7:00 PM	WSW	0.2
29 Sep 2025	8:00 PM	WSW	0.2
29 Sep 2025	9:00 PM	W	0.2
29 Sep 2025	10:00 PM	W	0.1
29 Sep 2025	11:00 PM	SW	0.2
30 Sep 2025	12:00 AM	S	0.1
30 Sep 2025	1:00 AM	SSW	0.2
30 Sep 2025	2:00 AM	SSW	0.4
30 Sep 2025	3:00 AM	SSW	0.2
30 Sep 2025	4:00 AM	WSW	0.7
30 Sep 2025	5:00 AM	WSW	0.8
30 Sep 2025	6:00 AM	WSW	0.4
30 Sep 2025	7:00 AM	S	0.5
30 Sep 2025	8:00 AM	SSW	0.5
30 Sep 2025	9:00 AM	WSW	0.3
30 Sep 2025	10:00 AM	SSW	0.3
30 Sep 2025	11:00 AM	SSE	0.1
30 Sep 2025	12:00 PM	WSW	0.0
30 Sep 2025	1:00 PM	WSW	0.0
30 Sep 2025	2:00 PM	NW	0.0
30 Sep 2025	3:00 PM	WSW	0.1
30 Sep 2025	4:00 PM	WSW	0.2
30 Sep 2025	5:00 PM	S	0.1
30 Sep 2025	6:00 PM	WSW	0.0
30 Sep 2025	7:00 PM	W	0.2
30 Sep 2025	8:00 PM	W	0.1
30 Sep 2025	9:00 PM	W	0.2
30 Sep 2025	10:00 PM	W	0.1
30 Sep 2025	11:00 PM	WSW	0.2

APPENDIX F
24-HOUR TSP MONITORING RESULTS
AND GRAPHICAL PRESENTATIONS

Appendix F - 24-hour TSP Impact Monitoring Results

Location CKL1 - Flat 121 Cha Kwo Ling Village

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m³/min.)		Av. Flow (m³/min)	Total vol (m³)	Conc. (µg/m³)	Action Level (µg/m3)	Limit Level (µg/m3)	
				Initial	Final		Initial	Final		Initial	Final						
2-Sep-25	Fine	303.4	757.1	3.3783	3.4335	0.0551	15705.0	15729.0	24.0	1.22	1.22	1.22	1756.6	31.4	191.0	260.0	
8-Sep-25	Rainy	301.1	756.9	2.7157	2.7612	0.0455	15729.0	15753.0	24.0	1.22	1.22	1.22	1759.6	25.9			
13-Sep-25	Sunny	303.0	759.8	2.7157	2.7612	0.0455	15753.0	15777.0	24.0	1.22	1.22	1.22	1757.9	25.9			
18-Sep-25	Fine	302.2	756.5	2.7496	2.7800	0.0304	15777.1	15801.1	24.0	1.22	1.22	1.22	1756.8	17.3			
25-Sep-25	Cloudy	301.6	758.8	2.8246	2.8461	0.0215	15825.3	15849.3	24.0	1.22	1.22	1.22	1760.0	12.2			
29-Sep-25	Sunny	302.5	760.6	2.7646	2.8106	0.0460	15849.3	15873.3	24.0	1.22	1.22	1.22	1759.7	26.1			
Note: <i>Bold Italic</i> means Action Level exceedance													Min	12.2			
<i>Bold Italic with underline</i> means Limit Level exceedance													Max	31.4			
													Average	23.1			

Location CKL2 - Flat 103 Cha Kwo Ling Village

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m3)	Limit Level (µg/m3)	
				Initial	Final		Initial	Final		Initial	Final						
2-Sep-25	Fine	303.4	757.1	2.8334	2.9495	0.1161	22319.9	22343.9	24.0	1.22	1.22	1.22	1757.0	66.1	183.0	260.0	
8-Sep-25	Rainy	301.1	756.9	2.7321	2.7685	0.0364	22343.9	22367.9	24.0	1.22	1.22	1.22	1759.1	20.7			
13-Sep-25	Sunny	303.0	759.8	2.7026	2.7908	0.0882	22368.0	22392.0	24.0	1.22	1.22	1.22	1758.1	50.2			
18-Sep-25	Fine	302.2	756.5	2.7450	2.8509	0.1059	22392.0	22416.0	24.0	1.22	1.22	1.22	1756.0	60.3			
25-Sep-25	Cloudy	301.6	758.8	2.7448	2.7766	0.0318	22416.0	22440.0	24.0	1.22	1.22	1.22	1759.6	18.1			
29-Sep-25	Sunny	302.5	760.6	2.8462	3.0128	0.1666	22440.0	22464.0	24.0	1.22	1.22	1.22	1760.0	94.6			
Note: <i>Bold Italic</i> means Action Level exceedance													Min	18.1			
<i>Bold Italic with underline</i> means Limit Level exceedance													Max	94.6			
													Average	51.7			

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

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m3)	Limit Level (µg/m3)	
				Initial	Final		Initial	Final		Initial	Final						
2-Sep-25	Fine	303.4	757.1	2.8722	2.9070	0.0348	21100.6	21124.6	24.0	1.22	1.22	1.22	1754.9	19.8	177.0	260.0	
8-Sep-25	Rainy	301.1	756.9	2.8202	2.8638	0.0435	21124.6	21148.6	24.0	1.22	1.22	1.22	1760.7	24.7			
13-Sep-25	Sunny	303.0	759.8	2.7158	2.7358	0.0200	21148.6	21172.6	24.0	1.22	1.22	1.22	1752.6	11.4			
18-Sep-25	Fine	302.2	756.5	2.7308	2.7579	0.0270	21172.6	21196.6	24.0	1.22	1.22	1.22	1750.5	15.4			
25-Sep-25	Cloudy	301.6	758.8	2.7352	2.7713	0.0361	21196.6	21220.6	24.0	1.22	1.22	1.22	1754.3	20.6			
29-Sep-25	Sunny	302.5	760.6	2.8040	2.8432	0.0392	21220.6	21244.6	24.0	1.22	1.22	1.22	1753.9	22.4			
Note: <i>Bold Italic</i> means Action Level exceedance													Min	11.4			
<i>Bold Italic with underline</i> means Limit Level exceedance													Max	24.7			
													Average	19.1			

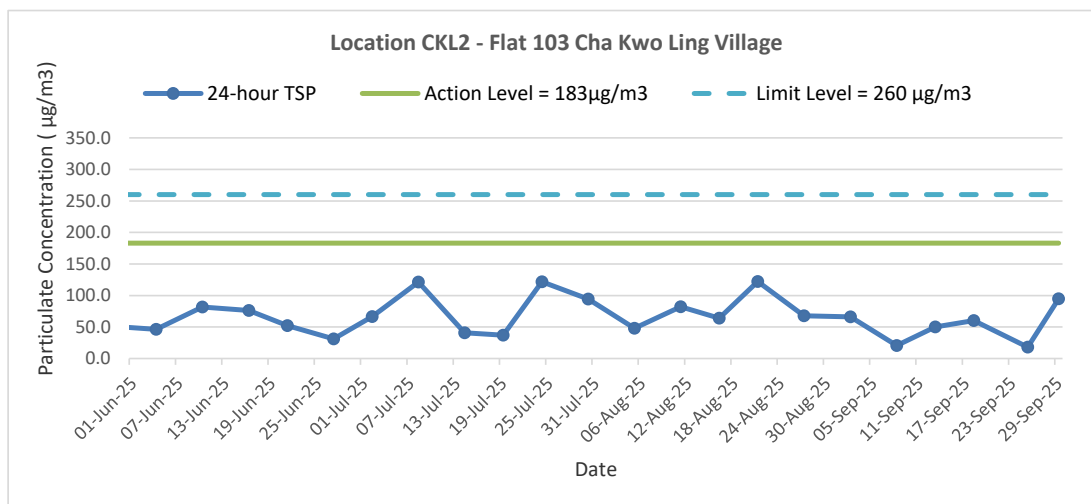
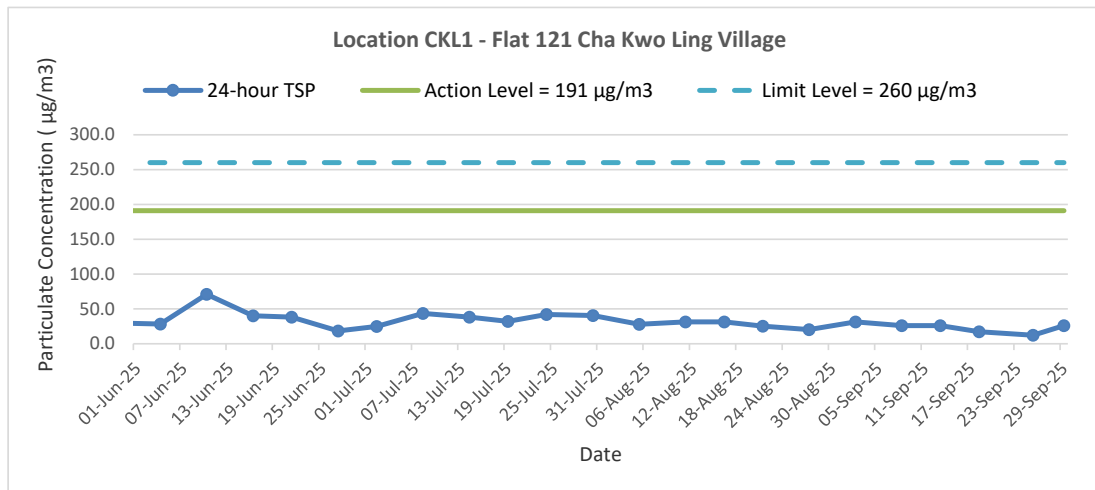
Location KER1 - Future Residential Development at Kerry Godown

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m³/min.)		Av. Flow (m³/min)	Total vol. (m³)	Conc. (µg/m³)	Action Level (µg/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
2-Sep-25	Fine	303.4	757.1	2.7756	2.8377	0.0621	18932.6	18956.6	24.0	1.22	1.22	1.22	1752.9	35.4	172.0	260.0
8-Sep-25	Rainy	301.1	756.9	2.7001	2.7337	0.0335	18956.6	18980.6	24.0	1.22	1.22	1.22	1758.4	19.1		
13-Sep-25	Sunny	303.0	759.8	2.6978	2.8103	0.1125	18980.6	19004.6	24.0	1.22	1.22	1.22	1754.2	64.1		
18-Sep-25	Fine	302.2	756.5	2.8511	2.9216	0.0705	19004.6	19028.6	24.0	1.22	1.22	1.22	1752.9	40.2		
25-Sep-25	Cloudy	301.6	758.8	2.8045	2.8540	0.0495	19028.6	19052.6	24.0	1.22	1.22	1.22	1756.6	28.2		
29-Sep-25	Sunny	302.5	760.6	2.8446	2.8910	0.0464	19052.6	19076.6	24.0	1.22	1.22	1.22	1756.2	26.4		
Note: <i>Bold Italic</i> means Action Level exceedance													Min	19.1		
<i>Bold Italic with underline</i> means Limit Level exceedance													Max	64.1		
													Average	35.6		

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

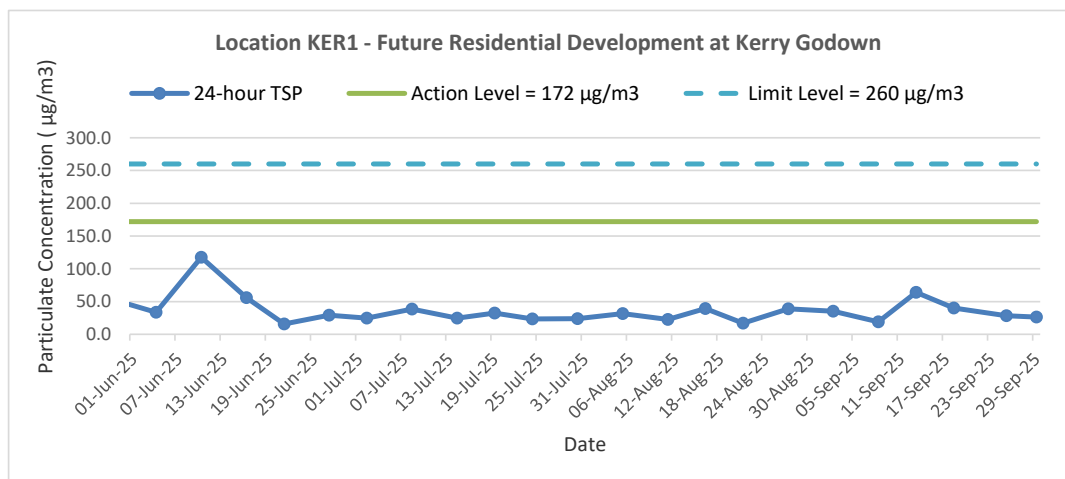
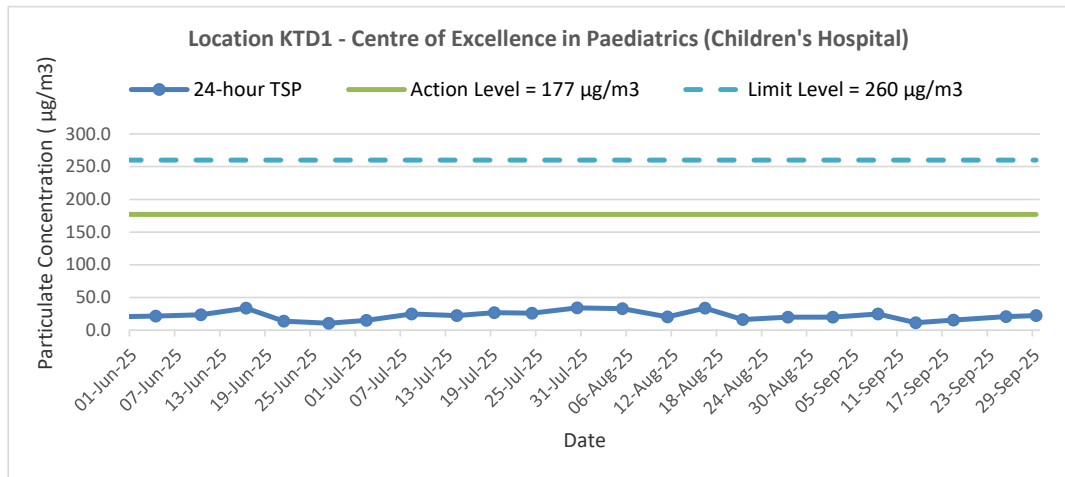
Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure, Pa (mmHg)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time (hrs.)	Flow Rate (m ³ /min.)		Av. Flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)	Action Level (µg/m3)	Limit Level (µg/m3)
				Initial	Final		Initial	Final		Initial	Final					
2-Sep-25	Fine	303.4	757.1	2.7363	2.8644	0.1281	18684.3	18708.3	24.0	1.22	1.22	1.22	1753.3	73.1	157.0	260.0
8-Sep-25	Rainy	301.1	756.9	2.8163	2.8852	0.0689	19708.3	19732.3	24.0	1.22	1.22	1.22	1758.4	39.2		
13-Sep-25	Sunny	303.0	759.8	2.7975	2.8824	0.0849	19732.3	19756.3	24.0	1.22	1.22	1.22	1751.4	48.5		
18-Sep-25	Fine	302.2	756.5	2.8038	2.8779	0.0741	19756.3	19780.3	24.0	1.22	1.22	1.22	1750.3	42.3		
25-Sep-25	Cloudy	301.6	758.8	2.8272	2.8484	0.0212	19780.3	19804.3	24.0	1.22	1.22	1.22	1753.5	12.1		
29-Sep-25	Sunny	302.5	760.6	2.7249	2.8280	0.1030	19804.3	19828.3	24.0	1.22	1.22	1.22	1753.1	58.8		
Note: <i>Bold Italic</i> means Action Level exceedance													Min	12.1		
<i>Bold Italic with underline</i> means Limit Level exceedance													Max	73.1		
													Average	45.7		

24-hr TSP Concentration Levels



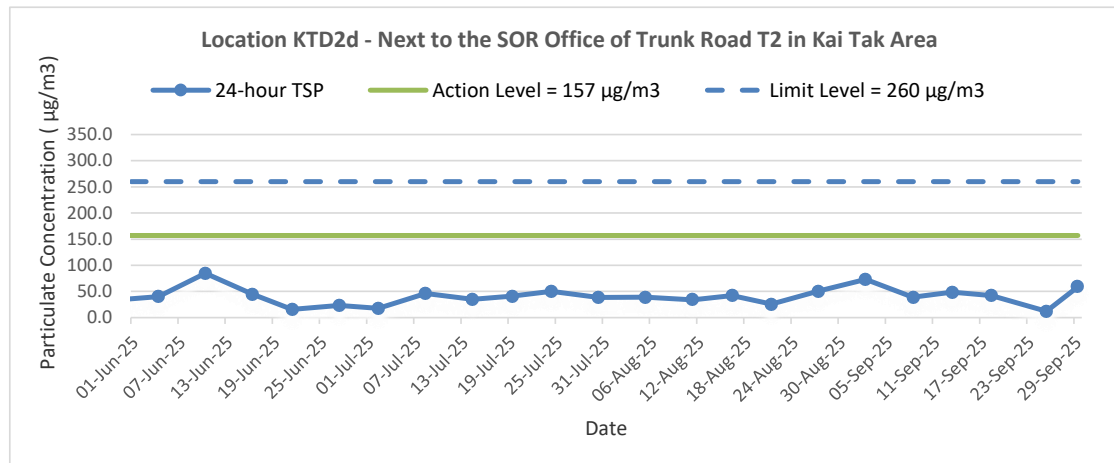
Title	Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron	Date	Sep -25	Project No.	MA20003	CINOTECH
	Graphical Presentation of 24-hour TSP Monitoring Results			Appendix	F	

24-hr TSP Concentration Levels



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

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

High Precision Chemical Testing Ltd.

Rm 1904, Technology Park

18 On Lai Street, Shatin

NT, Hong Kong

Tel: +852 3841 4388 Website: <https://www.hpct.com.hk>



Report No. : 00964

Issue Date : 30 Dec 2024

Application No. : HP00820

Certificate of Calibration

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

Sample Description : Submitted equipment stated to be Sound Level Calibrator.

Equipment No.: : N-16-01

Manufacturer: : Hangzhou Aihua Instruments Co., Ltd.

Other information :

Model No.	AWA6021A
Serial No.	1023253

Date Received : 27 Dec 2024

Test Period : 30 Dec 2024 to 30 Dec 2024

Test Requested : Performance checking for Sound Level Calibrator

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

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

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

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

***For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED***

Lee Wai Kit
Laboratory Manager

High Precision Chemical Testing Ltd.

Rm 1904, Technology Park

18 On Lai Street, Shatin

NT, Hong Kong

Tel: +852 3841 4388 Website: <https://www.hpct.com.hk>



Report No. : 00964

Issue Date : 30 Dec 2024

Application No. : HP00820

Certificate of Calibration

Measuring
equipment

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

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

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.3	+ 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. : 01015

Issue Date : 04 Feb 2025

Application No. : HP00868

Certificate of Calibration

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

Sample Description : Submitted equipment stated to be Sound Level Calibrator.

Equipment No.: : N-16-02

Manufacturer: : Hangzhou Aihua Instruments Co., Ltd.

Other information :

Model No.	AWA6021A
Serial No.	1023064

Date Received : 28 Jan 2025

Test Period : 03 Feb 2025 to 04 Feb 2025

Test Requested : Performance checking for Sound Level Calibrator

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

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

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

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

***For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED***

Lee Wai Kit
Laboratory Manager

High Precision Chemical Testing Ltd.

Rm 1904, Technology Park

18 On Lai Street, Shatin

NT, Hong Kong

Tel: +852 3841 4388 Website: <https://www.hpct.com.hk>

Report No. : 01015

Issue Date : 04 Feb 2025

Application No. : HP00868

Certificate of CalibrationMeasuring
equipment

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

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

Test Result :

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

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

- End of report -

High Precision Chemical Testing Ltd.

Rm 1904, Technology Park

18 On Lai Street, Shatin

NT, Hong Kong

Tel: +852 3841 4388 Website: <https://www.hpct.com.hk>

Report No. : 00871

Issue Date : 14 Oct 2024

Application No. : HP00732

Certificate of Calibration

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

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

Equipment No.: : N-12-02

Manufacturer: : BSWA Technology

Other information :

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

Date Received : 07 Oct 2024

Test Period : 09 Oct 2024 to 09 Oct 2024

Test Requested : Performance checking for Sound Level Meter

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

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

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

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

For and on behalf of
HIGH PRECISION CHEMICAL TESTING LIMITED

Lee Wai Kit
Laboratory Manager

High Precision Chemical Testing Ltd.

Rm 1904, Technology Park

18 On Lai Street, Shatin

NT, Hong Kong

Tel: +852 3841 4388 Website: <https://www.hpct.com.hk>



Report No. : 00871

Issue Date : 14 Oct 2024

Application No. : HP00732

Certificate of Calibration

Measuring
equipment

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

Test Result :

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

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

- End of report -

High Precision Chemical Testing Ltd.

Rm 1904, Technology Park

18 On Lai Street, Shatin

NT, Hong Kong

Tel: +852 3841 4388 Website: <https://www.hpct.com.hk>



Report No. : 01076

Issue Date : 19 Mar 2025

Application No. : HP00914

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 : 17 Mar 2025

Test Period : 18 Mar 2025 to 18 Mar 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

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. : 01076

Issue Date : 19 Mar 2025

Application No. : HP00914

Certificate of Calibration

Measuring
equipment

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

Test Result :

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	93.9	- 0.1	± 1.5
114.0	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. : 01013
Application No. : HP00855

Issue Date : 05 Feb 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 : 03 Feb 2025

Test Period : 04 Feb 2025 to 04 Feb 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

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. : 01013

Issue Date : 05 Feb 2025

Application No. : HP00855

Certificate of CalibrationMeasuring
equipment

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

Test Result :

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

Issue Date : 18 Jul 2025

Application No. : HP01028

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

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

Issue Date : 18 Jul 2025

Application No. : HP01028

Certificate of Calibration

Measuring
equipment

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

Test Result :

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

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

- End of report -

APPENDIX H
NOISE MONITORING RESULTS AND
GRAPHICAL PRESENTATIONS

Appendix H - Noise Monitoring Results

(0700-1900 hrs on Normal Weekdays)

Location CKL1 - Flat 121 Cha Kwo Ling Village							
Date	Time	Weather	Unit: dB (A) (30-min)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	
3-Sep-25	10:25	Fine	72.3	76.3	60.6	72.4	72.3 Measured $\leq$ Baseline
9-Sep-25	10:55	Fine	70.4	74.1	61.7	72.4	70.4 Measured $\leq$ Baseline
15-Sep-25	9:34	Sunny	76.2	80.0	65.6	72.4	74
25-Sep-25	9:50	Fine	71.4	74.6	63.6	72.4	71.4 Measured $\leq$ Baseline
30-Sep-25	10:26	Sunny	74.8	78.6	63.2	72.4	71

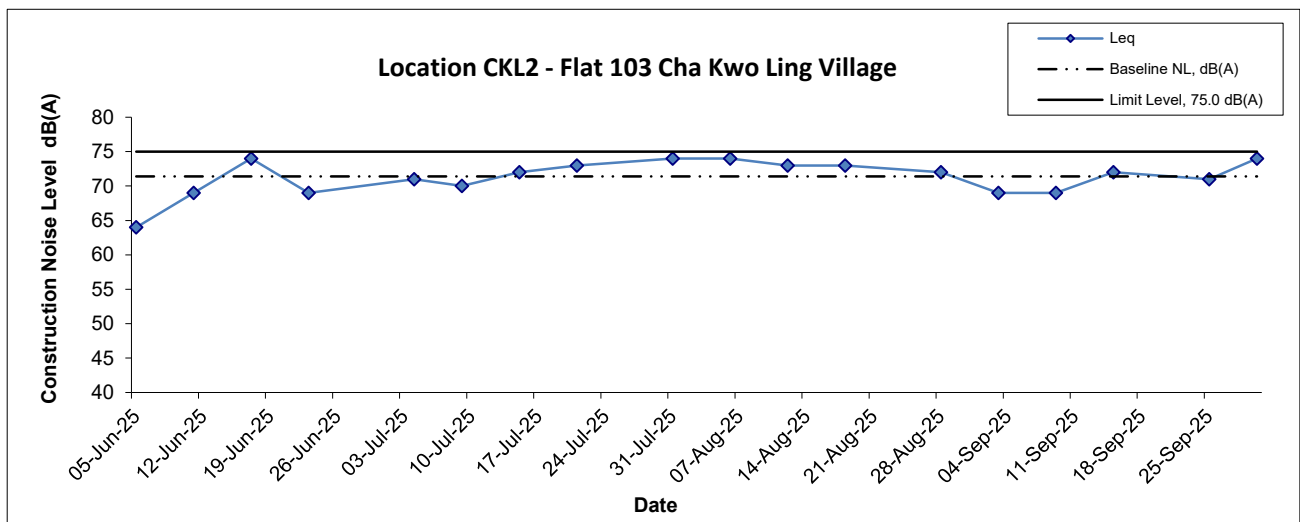
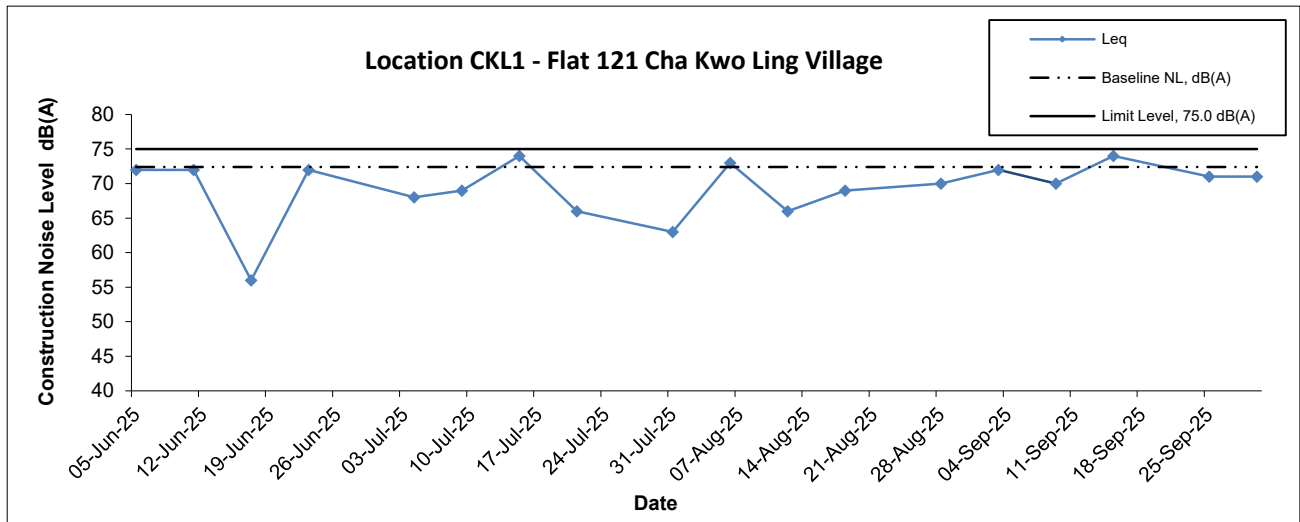
Location CKL2 - Flat 103 Cha Kwo Ling Village							
Date	Time	Weather	Unit: dB (A) (30-min)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	
3-Sep-25	10:55	Fine	68.8	72.5	59.8	71.4	68.8 Measured $\leq$ Baseline
9-Sep-25	11:25	Fine	69.3	73.0	58.9	71.4	69.3 Measured $\leq$ Baseline
15-Sep-25	10:06	Sunny	74.9	77.2	62.8	71.4	72
25-Sep-25	10:20	Fine	71.1	74.5	63.6	71.4	71.1 Measured $\leq$ Baseline
30-Sep-25	10:28	Sunny	75.7	79.8	63.7	71.4	74

Location KTD1 - Centre of Excellence in Paediatrics (Rooftop of Children's Hospital)							
Date	Time	Weather	Unit: dB (A) (30-min)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	
3-Sep-25	13:45	Fine	68.2	69.5	66.5	78.0	68.2 Measured $\leq$ Baseline
9-Sep-25	14:30	Fine	71.1	75.6	66.4	78.0	71.1 Measured $\leq$ Baseline
15-Sep-25	14:29	Sunny	67.3	70.4	63.3	78.0	67.3 Measured $\leq$ Baseline
25-Sep-25	13:10	Fine	68.1	68.8	67.4	78.0	68.1 Measured $\leq$ Baseline
30-Sep-25	13:21	Sunny	68.3	69.5	67.1	78.0	68.3 Measured $\leq$ Baseline

Location KER1 - Future Residential Development at Kerry Godown							
Date	Time	Weather	Unit: dB (A) (30-min)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	
3-Sep-25	12:50	Fine	66.6	70.0	60.8	65.0	61
9-Sep-25	13:35	Fine	67.3	69.8	63.1	65.0	63
15-Sep-25	13:26	Sunny	75.4	77.0	67.5	65.0	75
25-Sep-25	12:15	Fine	63.9	65.9	59.4	65.0	63.9 Measured $\leq$ Baseline
30-Sep-25	11:23	Sunny	72.6	75.0	65.6	65.0	72

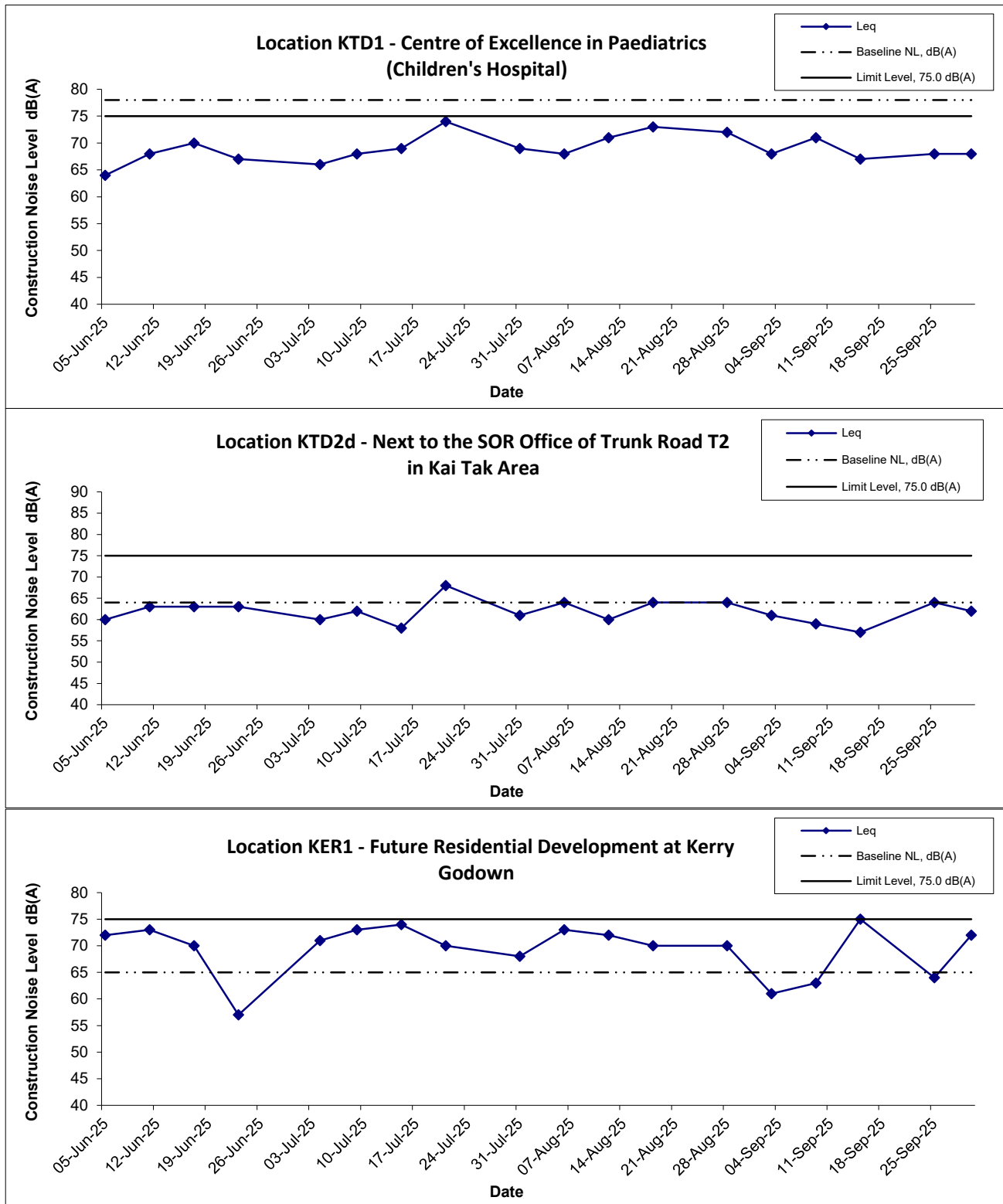
Location KTD2d - Next to the SOR Office of Trunk Road T2 in Kai Tak Area							
Date	Time	Weather	Unit: dB (A) (30-min)				Construction Noise Level
			Measured Noise Level			Baseline Level	
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	
3-Sep-25	14:40	Fine	61.2	61.8	60.2	64.0	61 Measured $\leq$ Baseline
9-Sep-25	15:25	Fine	58.6	61.0	55.0	64.0	59 Measured $\leq$ Baseline
15-Sep-25	15:42	Sunny	64.8	65.7	59.7	64.0	57
25-Sep-25	14:05	Fine	63.7	64.9	60.8	64.0	64 Measured $\leq$ Baseline
30-Sep-25	14:14	Sunny	61.9	64.0	59.0	64.0	62 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 Sep 25	Project 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	
	Sep 25	No. MA20003	
		Appendix H	

APPENDIX I
SITE AUDIT SUMMARY

Weekly Site Inspection Record Summary**Inspection Information**

Checklist Reference Number	250904
Date	04 September 2025 (Thursday)
Time	09:30 – 16:30

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

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality • No environmental deficiency was identified during site inspection. C. Air Quality • No environmental deficiency was identified during site inspection. D. Construction Noise Impact • No environmental deficiency was identified during site inspection. E. Waste/Chemical Management • No environmental deficiency was identified during site inspection. F. Visual and Landscape • No environmental deficiency was identified during site inspection. G. Permits/Licences • No environmental deficiency was identified during site inspection. H. Marine Ecology • No environmental deficiency was identified during site inspection. I. Others • No environmental deficiency was identified in previous session (Ref No.: 250828)	

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

Weekly Site Inspection Record Summary**Inspection Information**

Checklist Reference Number	250910
Date	10 September 2025 (Wednesday)
Time	09:30 – 16:30

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

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality - No environmental deficiency was identified during site inspection. C. Air Quality - No environmental deficiency was identified during site inspection. D. Construction Noise Impact - No environmental deficiency was identified during site inspection. E. Waste/Chemical Management - No environmental deficiency was identified during site inspection. F. Visual and Landscape - No environmental deficiency was identified during site inspection. G. Permits/Licences - No environmental deficiency was identified during site inspection. H. Marine Ecology - No environmental deficiency was identified during site inspection. I. Others - No environmental deficiency was identified in previous session (Ref No.: 250904)	

	Name	Signature	Date
Recorded by	William Yeung		10 Sep 2025
Checked by	Karina Chan		15 Sep 2025

Weekly Site Inspection Record Summary

Inspection Information

Checklist Reference Number	250917
Date	17 September 2025 (Wednesday)
Time	09:30 – 16:30

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

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality - No environmental deficiency was identified during site inspection. C. Air Quality - No environmental deficiency was identified during site inspection. D. Construction Noise Impact - No environmental deficiency was identified during site inspection. E. Waste/Chemical Management - No environmental deficiency was identified during site inspection. F. Visual and Landscape - No environmental deficiency was identified during site inspection. G. Permits/Licences - No environmental deficiency was identified during site inspection. H. Marine Ecology - No environmental deficiency was identified during site inspection. I. Others - No environmental deficiency was identified in previous session (Ref No.: 250910).	

	Name	Signature	Date
Recorded by	William Yeung		17 Sep 2025
Checked by	Karina Chan		19 Sep 2025

Weekly Site Inspection Record Summary

Inspection Information

Checklist Reference Number	250925
Date	25 September 2025 (Thursday)
Time	09:30 – 16:30

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

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality - No environmental deficiency was identified during site inspection. C. Air Quality - No environmental deficiency was identified during site inspection. D. Construction Noise Impact - No environmental deficiency was identified during site inspection. E. Waste/Chemical Management - No environmental deficiency was identified during site inspection. F. Visual and Landscape - No environmental deficiency was identified during site inspection. G. Permits/Licences - No environmental deficiency was identified during site inspection. H. Marine Ecology - No environmental deficiency was identified during site inspection. I. Others - No environmental deficiency was identified in previous session (Ref No.: 250917).	

	Name	Signature	Date
Recorded by	William Yeung		25 Sep 2025
Checked by	Karina Chan		29 Sep 2025

Contract No. ED/2020/03

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

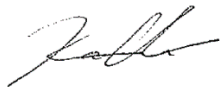
Site Inspection Record Summary

Inspection Information

Checklist Reference Number	250905
Date	05 September 2025 (Friday)
Time	09:30 – 12:30

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

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality - No environmental deficiency was identified during site inspection. C. Air Quality - No environmental deficiency was identified during site inspection. D. Construction Noise Impact - No environmental deficiency was identified during site inspection. E. Waste/Chemical Management - No environmental deficiency was identified during site inspection. F. Visual and Landscape - No environmental deficiency was identified during site inspection. G. Permits/Licences - No environmental deficiency was identified during site inspection I. Others - Follow up on the previous session (Ref No.:250828), no major environmental deficiency was identified during site inspection.	

	Name	Signature	Date
Recorded by	William Yeung		05 Sep 2025
Checked by	Karina Chan		08 Sep 2025

Contract No. ED/2020/03

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

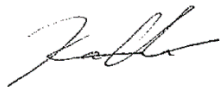
Site Inspection Record Summary

Inspection Information

Checklist Reference Number	250910
Date	10 September 2025 (Wednesday)
Time	09:30 – 12:30

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

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality - No environmental deficiency was identified during site inspection. C. Air Quality - No environmental deficiency was identified during site inspection. D. Construction Noise Impact - No environmental deficiency was identified during site inspection. E. Waste/Chemical Management - No environmental deficiency was identified during site inspection. F. Visual and Landscape - No environmental deficiency was identified during site inspection. G. Permits/Licences - No environmental deficiency was identified during site inspection I. Others - Follow up on the previous session (Ref No.:250905), no major environmental deficiency was identified during site inspection.	

	Name	Signature	Date
Recorded by	William Yeung		10 Sep 2025
Checked by	Karina Chan		12 Sep 2025

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

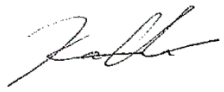
Site Inspection Record Summary

Inspection Information

Checklist Reference Number	250917
Date	17 September 2025 (Wednesday)
Time	09:30 – 12:30

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

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality - No environmental deficiency was identified during site inspection. C. Air Quality - No environmental deficiency was identified during site inspection. D. Construction Noise Impact - No environmental deficiency was identified during site inspection. E. Waste/Chemical Management - No environmental deficiency was identified during site inspection. F. Visual and Landscape - No environmental deficiency was identified during site inspection. G. Permits/Licences - No environmental deficiency was identified during site inspection I. Others - Follow up on the previous session (Ref No.:250910), no major environmental deficiency was identified during site inspection.	

	Name	Signature	Date
Recorded by	William Yeung		17 Sep 2025
Checked by	Karina Chan		19 Sep 2025

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

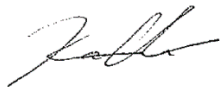
Site Inspection Record Summary

Inspection Information

Checklist Reference Number	250925
Date	25 September 2025 (Thursday)
Time	09:30 – 12:30

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

Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality - No environmental deficiency was identified during site inspection. C. Air Quality - No environmental deficiency was identified during site inspection. D. Construction Noise Impact - No environmental deficiency was identified during site inspection. E. Waste/Chemical Management - No environmental deficiency was identified during site inspection. F. Visual and Landscape - No environmental deficiency was identified during site inspection. G. Permits/Licences - No environmental deficiency was identified during site inspection I. Others - Follow up on the previous session (Ref No.:250917), no major environmental deficiency was identified during site inspection.	

	Name	Signature	Date
Recorded by	William Yeung		25 Sep 2025
Checked by	Karina Chan		29 Sep 2025

APPENDIX J
EVENT AND ACTION PLANS

Appendix J - Event Action Plans

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

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

Appendix J - Event Action Plans

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

Appendix J - Event Action Plans

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

Appendix J - Event Action Plans

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

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

Appendix J - Event Action Plans

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

Appendix J - Event Action Plans

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

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

Appendix J - Event Action Plans

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

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

EM&A Ref.	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concern to Address	Location/Timing	Implementation Agent	Relevant Standard or Requirement	Implementation Stages			Status
						D	C	O	
Air Quality Impact									
S2.3.1.1	The specific mitigation comprises the following: watering of the construction areas 12 times per day to reduce dust emissions by 91.7%, with reference to the “Control of Open Fugitive Dust Sources” (USEPA AP-42). The amount of water to be applied would be 0.91L/m ² for the respective watering frequency;	To minimize dust emission during construction works	All relevant works sites, conveyor belts and stockpiles	Contractor and Sub-contractors	APCO / EIAO	Y	Y		^
	Dust enclosures with watering would be provided along the loading ramps and conveyor belts for unloading the C&D materials to the barge for dust suppression; and								N/A(1)
	3-sided barriers around the stockpiling areas WA3 and WA4.								^
S2.3.1.2	The dust control measures detailed below shall also be incorporated into the Contract Specification where practicable as an integral part of good construction practice: Use of regular watering to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather;	To minimize dust emission during construction works	All relevant works sites	Contractor and Sub-contractors	APCO / EIAO	Y	Y		^
	Use of frequent watering for particularly dusty construction areas and areas close to ASRs;								^
	Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering shall be applied to aggregate fines;								^
	Open stockpiles shall be avoided or covered. Prevent placing dusty material storage piles near ASRs;								^
	Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations;								^
	Establishment and use of vehicle wheel and body washing facilities at the exit points of the site;								^
	Imposition of speed controls for vehicles on unpaved site roads, 8 km per hour is the recommended limit;								N/A(1)

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

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

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

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						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.								^

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						D	C	O	
S4.2.1.1 and 4.3.1.5	There is a need to apply to the EPD for a discharge licence for discharge of effluent from the construction site under the WPCO. The discharge quality must meet the requirements specified in the discharge licence. All the runoff and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the TM-DSS. Minimum distances of 100m should be maintained between the discharge points of construction site effluent and the existing seawater intakes. The beneficial uses of the treated effluent for other on-site activities such as dust suppression, wheel washing and general cleaning etc, can minimise water consumption and reduce the effluent discharge volume. If monitoring of the treated effluent quality from the works areas is required during the construction phase of the Project, the monitoring should be carried out in accordance with the WPCO license	To control water quality impact from effluent discharge from construction site	All works sites	Contractor and Sub-contractors	Water Pollution Control Ordinance		Y		N/A(1)
S4.2.1.1	Specific mitigation measures for the tunnelling works using TBM, soft ground and mechanical excavation techniques should include the following: The cut-and-cover tunnelling works should be conducted sequentially as far as practicable to limit the amount of construction wastewater generated from the exposed areas during the wet season (April to September);	To minimize construction water quality impact from tunnelling and excavation works	All tunnelling and excavation portion	Contractor and Sub-contractors	TMEIA TMwater ProPECC PN 1/94 WPCO		Y		N/A
	Uncontaminated discharge should pass through settlement tanks prior to discharge;								N/A
	If contaminated groundwater is found during the course of the works, no direct discharge of groundwater from contaminated areas should be adopted. Any contaminated groundwater should be properly treated in compliance with the requirements of the TM-DSS. If wastewater treatment is to be deployed for treating the contaminated groundwater, the wastewater treatment unit should deploy suitable treatment processes (e.g. oil interceptor/activated carbon) to reduce the pollution level to an acceptable standard and remove any prohibited substances (such as TPH) to an undetectable range;								N/A
	If groundwater recharging wells are deployed, recharging wells should be installed as appropriate for recharging the contaminated groundwater back into the ground. The recharging wells should be selected at places where the groundwater quality will not be affected by the recharge operation as indicated in the Section 2.3 of TM-DSS;								N/A

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

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

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

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						D	C	O	
S4.2.1.1	The Contractor must, also, register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		N/A(1)
S4.2.1.1	Any service shop and maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		N/A(1)
S4.2.1.1	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows:	To control water quality impact from accidental chemical spillage	All works sites	Contractor	EIAO-TM WPCO WDO		Y		^
	Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport;								N/A(1)
	Chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents; and								^
S4.2.1.1	Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.	To mitigate runoff from tunnel during the operational phase	Tunnel	CEDD	WPCO			Y	N/A
	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;								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.								

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

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

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

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

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

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

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

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

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

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

Remarks: EM&A Programme under EP-451/2013	
D	Design
C	Construction
Y	Yes
O	Operation
^	Compliance of mitigation measure;
N/A	Not applicable at this stage;
N/A(1)	Not observed;
*	Recommendation was made during site audit but improved/retified by the contractor;
#	Recommendation was made during site audit but not yet improved/retified by the contractor;
X	Non-compliance of mitigation measure;
●	Non-compliance but rectified by the contractor.

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

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: September 2025

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

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Status
W07	The Launching Shaft	09 September 2025	A complaint regarding water pollution at Kai Tak Channel, light and noise nuisance at PWCL	– There was no direct evidence indicating that the water pollution was related to T2 construction site. – The suspected noise & light nuisance was related to the construction site. – The following mitigation measures are adopted by the Contractor: 1. Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent; 2. Tuned down the angle of lights, to avoid glaring directly to residential buildings opposite Kai Tak Channel; 3. Install noise barriers and noise enclosure for the high-noise equipment; 4. Use of quieter model of e-loader for loading & unloading of C&D material. – The following mitigation measures are also recommended to the Contractor: 1. Wastewater from STP & LSCC would be collected and pumped to WetSep of STP;	Closed

Environmental Permit No.: EP-451/2013
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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	Status
				2. Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent; 3. Keep reviewing the lighting angle, to avoid direct spot lighting to resident buildings.	

Remarks:

One (1) 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

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Nature	Status
#A01	The Launching Shaft	24 June 2020	A complaint regarding dust nuisance possible caused by the construction works at the Launching Shaft area was received.	- Training regarding the loading and unloading height control was provided to the labourers to ensure dusty materials are transported under a minimum practical height. - Water sprays system was installed around the location of complaint to prevent dust generated from wind erosion on the stockpile. - Contractor was reminded to further enhance the dust mitigation measures to minimize the dust nuisance.	Air	Closed
#N01	The Launching Shaft	03 & 13 July 2020	The verbal complaint regarding the noise nuisance generated from D-wall cutter operation nearby the PWCL building was received by CEDD	- Noise barrier was erected between noise source and the PWCL building. - Construction programme was reviewed as to minimize operation of PME nearby the PWCL building - Contractor was recommended to implement the noise mitigation measures and other good site practices to minimize the noise nuisance.	Noise	Closed
#N03	The Launching Shaft	03 December 2020	A verbal complaint regarding the noise nuisance, generated from the construction works nearby PWCL building, was received by CEDD.	- Contractor has taken the remedial action (i.e. Some of the breakers in which were operated nearby the concerned area were wrapped up with the acoustic insulation sheets) and noise mitigation measures (i.e. Noise barrier was installed adjoining the building to minimize the influence of construction noise, maintenance for all Powered Mechanical Equipment was	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
				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.	– The cause of the noise nuisance may cause by the operation of Derrick Barge and the Conveyors. – No limit level exceedance was recorded for additional noise monitoring and the weekly construction noise monitoring. – In addition, the Contractor shall review the construction schedule, priorities the work sequence and maintain good site practices, such as erecting noise barrier as close as possible to the noise source, replace damaged semi-enclosure/noise barrier and provide regularly maintenance for PMEs.	Noise	Closed
		7 March 2023	Follow up complaint from the same complainant was received and he/she informed that the construction noise nuisance at 09:50pm.	– The cause of the noise nuisance may cause by the operation of Derrick Barge and the Conveyors. – No limit level exceedance was recorded for additional noise monitoring and the weekly construction noise monitoring. – In addition, the Contractor shall review the construction schedule, priorities the work sequence and maintain good site practices, such as erecting noise barrier as close as possible to the	Noise	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
				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.	– There is no direct evidence that the Silt/ Dirt being swept into the sea from the barge of T2. – The following recommendations are made to further enhance the mitigation measures: – Provide regular training to site personnel on proper waste management and appropriate handling procedures. – Provide sufficient waste disposal points and regular collection for disposal. – Closely monitor the barge operation. – The Contractor has implemented the above environmental mitigation measures (As mentioned in Section 2.6) on site to ensure that no silt and household waste being swept into any water body.	Water	Closed
#N12	Launching Shaft Area, Barging Point, Cheung Yip Street	17 November 2023	A verbal complaint regarding the noise nuisance, generated from the construction works near Cheung Yip Street after 21:00.	– The cleaning work using the water jetting unit may be the cause of noise nuisance. – No limit level exceedance was recorded for additional noise monitoring and the weekly construction noise monitoring. – In addition, the Contractor shall review the construction schedule, priorities the work sequence and maintain good site practices, such as erecting noise barrier as close as possible to	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.	– There is no direct evidence that the dead fish floating near the Kwun Tong Pier were caused by the construction activities. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent. – 2) Conduct regular water quality monitoring – 3) Carry out regular visual inspection to the Kai Tak Approach Channel (near the outfall of discharge point) to prevent illegal discharge of untreated water.	Water	Closed
#N13	Portion Q1	23 April 2024	A verbal complaint regarding the noise nuisance, generated from the construction works nearby the Wai Lok Street building at 10:20 pm, was received by EPD	– The complaint is considered as project-related. – 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. – In addition, the Contractor shall review the construction schedule, priorities the work	Noise	Closed

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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
				sequence and maintain good site practices, such as erecting noise barrier as close as possible to the noise source, replace damaged semi enclosure/noise barrier and provide regularly maintenance for PMEs. – As the complaint was considered as project related, the contractor had implemented the relevant mitigation measures to minimize the noise impact including: 1) Conduct regular noise monitoring. 2) Conduct regular maintenance for all Powered Mechanical Equipment to minimize the noise generated from engines. – Displayed the CNP at the gates of Portion Q.		
#W03	Launching Shaft Area	23 July 2024	A complaint regarding wastewater discharge at an outlet near Children's Hospital	– There is no direct evidence that the discharged yellowish wastewater was caused by the construction activities. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent. – 2) Conduct regular water quality monitoring. – 3) Carry out regular visual inspection to the Kai Tak Approach Channel (near the outfall of discharge point) to prevent illegal discharge of untreated water.	Water	Closed

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
#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	– The dust emission was related to the bentonite refilling activities. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) Conduct regular maintenance for several plants which used for refilling work. – 2) Reduce the maximum capacity of silo to 85% of total volume to prevent recurrence.	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	– There is no direct evidence that the muddy water at seafront of T2 site was caused by the construction activities. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) To avoid misleading, a water pump was directly connected from Cut & Cover Shaft to the designated sump pit. – 2) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent. – 3) Conduct regular water quality monitoring. – 4) Carry out regular visual inspection to the Kai Tak Approach Channel (near the outfall of discharge point) to prevent illegal discharge of untreated water	Water	Closed

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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
#L02	Portion Q1	9 May 2025	A complaint regarding light nuisance and dark smoke from barges berthed near Laguna City	– There was no direct evidence that any dark smoke was emitted while the barge is operating. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) Conduct regular monitoring for smoke emission. – 2) Turn off unnecessary lighting and adjust the angle of lighting to reduce light nuisance to public. – 3) Use Low Sulfur Diesel for the barge – 4) Conduct regular toolbox training – 5) Conduct regular maintenance for all Powered Mechanical Equipment to prevent dark smoke emission.	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.	– There is no direct evidence that the suspected muddy water was discharged from T2 construction site at Lam Chak Street. – The following recommendations are made to contractor to further enhance the mitigation measures: – 1) Wash out the yellowish water ponded next to site entrance; – 2) Follow up the yellowish water leakage from the site boundary; – 3) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent;	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
				– 4) Conduct regular water quality monitoring.		
#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.	– There is no direct evidence that the suspected muddy water was discharged from T2 construction site. – The following recommendations are made to contractor to further enhance the mitigation measures: 1) Wheel washing bay would keep cleaning regularly to maintain the wheel washing performance; 2) Wastewater from STP & LSCC would be collected and pumped to WetSep of STP; 3) The walkway and stockpile would keep covering after ducting work every day; 4) Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent; 5) Conduct regular water quality monitoring.	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
#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	– The suspected dust nuisance was related to the construction works (i.e. sand transportation). – The following mitigation measures are adopted by the Contractor: 1. Closely monitor the hygienic condition to prevent breeding of mosquitoes; 2. Conduct inspection to identify breeding / potential breeding places and eliminate such places as far as possible; 3. Remove stagnant water and spray larvicides regularly; 4. Keep watering while carrying out dusty work (e.g. rock breaking); 5. Cover the gaps of the conveyor belt; 6. Install sprinkler inside the conveyor belt. – The following mitigation measures are also recommended to the Contractor: 1. To provide water spraying performing loading and unloading activities of dusty materials; 2. To cover any unused dusty materials with tarpaulin sheets to reduce dust emission; 3. Dust enclosures with watering would be provided along the loading ramps and conveyor belts for unloading the C&D materials to the barge for dust suppression; 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	Air	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
				fabric filter or equivalent air pollution control system.		

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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
W07	The Launching Shaft	09 September 2025	A complaint regarding water pollution at Kai Tak Channel, light and noise nuisance at PWCL	– There was no direct evidence indicating that the water pollution was related to T2 construction site. – The suspected noise & light nuisance was related to the construction site. – The following mitigation measures are adopted by the Contractor: 5. Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent; 6. Tuned down the angle of lights, to avoid glaring directly to residential buildings opposite Kai Tak Channel; 7. Install noise barriers and noise enclosure for the high-noise equipment; 8. Use of quieter model of e-loader for loading & unloading of C&D material. – The following mitigation measures are also recommended to the Contractor: 4. Wastewater from STP & LSCC would be collected and pumped to WetSep of STP; 5. Conduct regular maintenance for wastewater treatment facilities to maintain the quality of effluent; – Keep reviewing the lighting angle, to avoid direct spot lighting to resident buildings.	Water, Noise & Light	Closed

APPENDIX M
SUMMARY OF EXCEEDANCE

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

Appendix M – Summary of Exceedance

Reporting Month: September 2025

(A) Exceedance Report for Air Quality

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

No Action Level and No Limit Level exceedance of 1-hr TSP monitoring was recorded in this reporting month.

(B) Exceedance Report for Construction Noise

Action Level for Construction Noise

No Action Level exceedance was recorded due to 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)

APPENDIX N
TENTATIVE CONSTRUCTION
PROGRAMME

Activity ID		Activity Name		Dur	Start	Finish	2025		
							Sep	Oct	Nov
HKT2 P80 Programme DD 12Sep25 (Draft)				1015	20-Nov-23 A	30-Aug-26			
Construction				1015	20-Nov-23 A	30-Aug-26			
Trunk Road T2				1015	20-Nov-23 A	30-Aug-26			
02 AtGrade Road -AGR				550	15-Jun-24 A	16-Dec-25			
Kiosk				96	12-Sep-25	16-Dec-25			
AGR1030	Kiosk - procurement, fabrication & delivery	75	12-Sep-25*	25-Nov-25					Kiosk - p
AGR1060	Kiosk - Civil	21	26-Nov-25	16-Dec-25					
AGR - Road & Drainage works				472	15-Jun-24 A	30-Sep-25			
AGR1021	AGR - TCSS Provision CH5860-5962	210	09-Jan-25 A	23-Sep-25					
AGR1150	AGR - Central Barrier (subject to CKR interface and TBM haul road arrangement)	12	18-Sep-25	30-Sep-25					
Eastbound				227	07-Dec-24 A	15-Sep-25			
AGR1040	AGR - EB Drainage & Gully Installation	227	07-Dec-24 A	15-Sep-25					
Westbound				472	15-Jun-24 A	30-Sep-25			
AGR1020	AGR - WB Drainage & Gully Installation	372	15-Jun-24 A	12-Sep-25					
AGR1050	AGR - WB Road Side Barrier	227	15-Feb-25 A	30-Sep-25					
AGR1140	AGR - WB Subbase (subject to CKR interface and TBM haul road arrangement)	160	06-Mar-25 A	18-Sep-25					
03 Depressed Road - DPR				197	16-Jun-25 A	29-Dec-25			
DPR - Road Works				197	16-Jun-25 A	29-Dec-25			
Temporary Ramp for CKR Opening				30	01-Sep-25 A	30-Sep-25			
A229450380	DPR - WB Ramp Erection for CKR Opening	30	01-Sep-25 A	30-Sep-25					
Rising Main				197	16-Jun-25 A	29-Dec-25			
A229450070	DPR - Civil - temp drainage system modification	107	16-Jun-25 A	30-Sep-25					
A229450170	DPR - Civil - Perm civil provision	30	01-Oct-25	30-Oct-25					DPR - Civil - Perm civil provision
A229426391	DPR - E&M - Sump pit pumps and watermain installation	60	31-Oct-25	29-Dec-25					
DPR - Final Works				36	12-Sep-25	25-Oct-25			
Landscape work (TBC)				36	12-Sep-25	25-Oct-25			
A12991	Landscape Soil Filling	24	12-Sep-25	11-Oct-25					
A12992	Planter works	12	13-Oct-25	25-Oct-25					
05 Supporting Underground Structure - SUS				136	30-Jun-25 A	12-Nov-25			
SUS - Tunnel Civil Works				136	30-Jun-25 A	12-Nov-25			
A229450470	SUS VE Panel Design Review (EB)	136	30-Jun-25 A	12-Nov-25					SUS VE Panel Design Review (EB)
A229450490	SUS VE Panel Design Review (WB)	96	30-Jun-25 A	03-Oct-25					
A229450450	Parapet Defect Rectification (WB CP side) (Design TBC)	14	12-Sep-25	25-Sep-25					
A229450460	Parapet Defect Rectification (WB NCP side) (Design TBC)	14	26-Sep-25	09-Oct-25					
Eastbound TCW				14	12-Sep-25	25-Sep-25			
EB Road Barrier				14	12-Sep-25	25-Sep-25			
SUS10060	SUS EB - Road Barrier (CPS) Last 50m	14	12-Sep-25	25-Sep-25					
Westbound TCW				14	12-Sep-25	25-Sep-25			
WB Road Barrier				14	12-Sep-25	25-Sep-25			
SUS10210	SUS WB - Road Barrier (CPS) Last 50m	14	12-Sep-25	25-Sep-25					
06 Launching Shaft & C&C Tunnel - LSCC				745	20-Nov-23 A	03-Dec-25			
LSCC - Structure works				56	12-Sep-25	06-Nov-25			
Launching Shaft				56	12-Sep-25	06-Nov-25			
LS - Miscellaneous Structural Openings				56	12-Sep-25	06-Nov-25			
01 Massfill at cable trench (subject to temporary cable relocation)				14	24-Oct-25	06-Nov-25			
A229448630	Clearance and Massfill the trench	14	24-Oct-25	06-Nov-25					Clearance and Massfill the trench
02 Road slab opening & Drainage works (subject to temporary cable relocation)				42	12-Sep-25	23-Oct-25			
A229448640	RC Slab, Manhole, drainage pipe construction and massfill	42	12-Sep-25	23-Oct-25					RC Slab, Manhole, drainage pipe construction and massfill
04 In situ SG at LS/TSS connection (subject to temporary works to maintain tunnel)				31	12-Sep-25	12-Oct-25			
A229448570	EB & WB in situ Service Gallery CPS - Part 1	7	12-Sep-25	18-Sep-25					

Activity ID		Activity Name	Dur	Start	Finish	2025		
						Sep	Oct	Nov
	A229448580	EB & WB in situ Service Gallery CPS - Part 2	7	19-Sep-25	25-Sep-25		EB & WB in situ Service Gallery CPS - Part 2	
	A229448581	Road Diversion	3	26-Sep-25	28-Sep-25		Road Diversion	
	A229448590	EB & WB in situ Service Gallery NCPS - Part 1	7	29-Sep-25	05-Oct-25		EB & WB in situ Service Gallery NCPS - Part 1	
	A229448600	EB & WB in situ Service Gallery NCPS - Part 2	7	06-Oct-25	12-Oct-25		EB & WB in situ Service Gallery NCPS - Part 2	
	05 RC works at MMEP Opening for Service Galleries Works (subject to BYME 8		49	12-Sep-25	30-Oct-25			
	A229448650	Stage 1 - Narrow the opening to 3.5m*2m RC works	28	12-Sep-25*	09-Oct-25		Stage 1 - Narrow the opening to 3.5m*2m RC works	
	A229448660	Stage 2 - Closing out the opening (after SG installation completion	14	12-Sep-25*	25-Sep-25		Stage 2 - Closing out the opening (after SG installation completion TBC)	
	A229449020	Stage 1a - Emergency staircase corridor RC works	21	10-Oct-25	30-Oct-25		Stage 1a - Emergency staircase corridor RC works	
	LSCC - Backfilling & Dwall Dismantling		83	12-Sep-25	03-Dec-25			
	A229447780	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC	45	12-Sep-25	26-Oct-25		D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC	
	A229447781	D-wall dismantling (from +1.0mPD to +4.0mPD) ~3050 m3 TBC	38	27-Oct-25	03-Dec-25			
	LSCC - Tunnel Civil Works		720	20-Nov-23 A	09-Nov-25			
	Eastbound TCW		720	20-Nov-23 A	09-Nov-25			
	LSCC10070	LSCC EB - Fireboard	662	20-Nov-23 A	12-Sep-25		LSCC EB - Fireboard	
	LSCC10090	LSCC EB - E&M brackets (CPS)	385	06-Sep-24 A	26-Sep-25		LSCC EB - E&M brackets (CPS)	
	LSCC10421	LSCC EB - E&M brackets (NCPS)	385	20-Sep-24 A	10-Oct-25		LSCC EB - E&M brackets (NCPS)	
	LSCC10050	LSCC EB - Road Barrier (NCPS)	134	13-Jun-25 A	25-Oct-25		LSCC EB - Road Barrier (NCPS)	
	LSCC10110	LSCC EB - TCSS provision	6	26-Sep-25	02-Oct-25		LSCC EB - TCSS provision	
	LSCC10431	LSCC EB - Road Barrier (CPS)	15	25-Oct-25*	09-Nov-25			LSCC EB - Road Barrier (CPS)
	Westbound TCW		469	13-Jul-24 A	25-Oct-25			
	LSCC10080	LSCC WB - E&M brackets (CPS)	440	13-Jul-24 A	26-Sep-25		LSCC WB - E&M brackets (CPS)	
	LSCC10060	LSCC WB - Fireboard	328	19-Oct-24 A	12-Sep-25		LSCC WB - Fireboard	
	LSCC10411	LSCC WB - E&M brackets (NCPS)	338	24-Oct-24 A	27-Sep-25		LSCC WB - E&M brackets (NCPS)	
	LSCC10441	LSCC WB - Road Barrier (NCPS)	134	30-May-25 A	11-Oct-25		LSCC WB - Road Barrier (NCPS)	
	LSCC10100	LSCC WB - TCSS provision	6	26-Sep-25	02-Oct-25		LSCC WB - TCSS provision	
	LSCC10451	LSCC WB - Road Barrier (CPS)	14	11-Oct-25	25-Oct-25			LSCC WB - Road Barrier (CPS)
	07 Tunnel Sub-sea (TSS)		754	26-Nov-23 A	18-Dec-25			
	Additional Excavation by D&Br from CKL		402	15-Aug-24 A	20-Sep-25			
	Eastbound Pilot Tunnel		402	15-Aug-24 A	20-Sep-25			
	CKL1130	EB CKL - Pilot tunnel enlargement (Benching)	402	15-Aug-24 A	20-Sep-25		EB CKL - Pilot tunnel enlargement (Benching)	
	TSS - TBM Excavation from Kai Tak		129	12-Aug-25 A	18-Dec-25			
	Westbound - TBM S1281		129	12-Aug-25 A	18-Dec-25			
	TBM1 Tunneling		30	12-Aug-25 A	11-Sep-25 A			
	CP26-31		30	12-Aug-25 A	11-Sep-25 A			
	A229450730	WB TBM Tunnelling CH9068-9137 (cavern)	30	12-Aug-25 A	11-Sep-25 A		WB TBM Tunnelling CH9068-9137 (cavern)	
	TBM1 Dismantling		98	12-Sep-25	18-Dec-25			
	TBM1 Dismantling		98	12-Sep-25	18-Dec-25			
	TA85	WB TBM dismantling - TSS side (46d)	46	12-Sep-25	27-Oct-25		WB TBM dismantling - TSS side (46d)	
	TA325	WB TBM dismantling - CKL side (98d)	98	12-Sep-25	18-Dec-25			
	TSS side		46	12-Sep-25	27-Oct-25			
	TSS side - breakdown		46	12-Sep-25	27-Oct-25			
	TA1251	WB TBM - Last 5 Rings Installation	2	12-Sep-25	13-Sep-25		WB TBM - Last 5 Rings Installation	
	TA1271	Last ring securing + Tailskin Cutting + Erector Prep	7	14-Sep-25	20-Sep-25		Last ring securing + Tailskin Cutting + Erector Prep	
	Backup Gantries		30	14-Sep-25	13-Oct-25			
	TA1261	Gantry 4 (Level 1-3) Dismantling	7	14-Sep-25	20-Sep-25		Gantry 4 (Level 1-3) Dismantling	
	TA1281	G1 / Erector Disconnection + Gantries Pulling	2	21-Sep-25	22-Sep-25		G1 / Erector Disconnection + Gantries Pulling	
	TA1621	Gantry 1-3 (Level 3) Dismantling	5	23-Sep-25	27-Sep-25		Gantry 1-3 (Level 3) Dismantling	
	TA1631	Gantry 1-3 (Level 2) Dismantling	7	28-Sep-25	04-Oct-25		Gantry 1-3 (Level 2) Dismantling	
	TA1641	Gantry 1-3 (Level 1) + Boggies Dismantling	6	05-Oct-25	10-Oct-25		Gantry 1-3 (Level 1) + Boggies Dismantling	
	TA1651	Oxycut Platform Demo	3	11-Oct-25	13-Oct-25		Oxycut Platform Demo	
	Erector /XB/MD		35	23-Sep-25	27-Oct-25			

Activity ID	Activity Name	Dur	Start	Finish	2025		
					Sep	Oct	Nov
	TA1611 Concrete Slab + HAG System Erection	7	23-Sep-25	29-Sep-25		Concrete Slab + HAG System Erection	
	TA1291 Erector Extraction	5	30-Sep-25	04-Oct-25		Erector Extraction	
	TA1301 Erector Dismantling	2	05-Oct-25	06-Oct-25		Erector Dismantling	
	TA1311 X Beam Extraction	4	05-Oct-25	08-Oct-25		X Beam Extraction	
	TA1321 X Beam Dismantling	4	09-Oct-25	12-Oct-25		X Beam Dismantling	
	TA1331 Main Drive Extraction	5	09-Oct-25	13-Oct-25		Main Drive Extraction	
	TA1341 Main Drive Dismantling	7	14-Oct-25	20-Oct-25		Main Drive Dismantling	
	TA1351 Concrete Slab + HAG System Demo	7	21-Oct-25	27-Oct-25		Concrete Slab + HAG System Demo	
	CKL Side	81	14-Sep-25	03-Dec-25			
	CKL side - breakdown	81	14-Sep-25	03-Dec-25			
	Cutterhead	35	14-Sep-25	18-Oct-25			
	TA90 WB TBM dismantling - CKL Civil Works #1	12	14-Sep-25	25-Sep-25		WB TBM dismantling - CKL Civil Works #1	
	TA901 WB TBM dismantling - Cutterhead dismantling Part 1 & Rotation	14	26-Sep-25	09-Oct-25		WB TBM dismantling - Cutterhead dismantling Part 1 & Rotation	
	TA1491 WB TBM dismantling - Cutterhead dismantling Part 2	9	10-Oct-25	18-Oct-25		WB TBM dismantling - Cutterhead dismantling Part 2	
	Spherical Bearing	13	19-Oct-25	31-Oct-25			
	TA91 WB TBM dismantling - CKL Civil Works #2	9	19-Oct-25	27-Oct-25		WB TBM dismantling - CKL Civil Works #2	
	TA92 WB TBM dismantling - Spherical Bearing	4	28-Oct-25	31-Oct-25		WB TBM dismantling - Spherical Bearing	
	Shield	33	01-Nov-25	03-Dec-25			
	TA1561 WB TBM dismantling - CKL Civil Works #3	3	01-Nov-25	03-Nov-25			WB TBM dismantling - CKL Civil Works #3
	TA93 WB TBM dismantling - Shield Part 1	15	04-Nov-25	18-Nov-25			WB TBM dismantling - Shield Part 1
	TA1501 WB TBM dismantling - CKL Civil Works #4	15	19-Nov-25	03-Dec-25			
	Eastbound - TBM S1282	113	16-Aug-25 A	06-Dec-25			
	TBM2 Tunneling	113	16-Aug-25 A	06-Dec-25			
	CP26-30	113	16-Aug-25 A	06-Dec-25			
	EBTBM1260 EB TBM Tunnelling CH8654-8682	24	16-Aug-25 A	09-Sep-25 A		EB TBM Tunnelling CH8654-8682	
	EBTBM1530 EB TBM Tunnelling CH8682-8698 (16m; 5.5R/wk)	9	10-Sep-25 A	18-Sep-25		EB TBM Tunnelling CH8682-8698 (16m; 5.5R/wk)	
	EBTBM1270 EB TBM Tunnelling CH8698-8718 up to full face rock (20m; 5.5R/v	12	19-Sep-25	30-Sep-25		EB TBM Tunnelling CH8698-8718 up to full face rock (20m; 5.5R/wk)	
	EBTBM1280 EB TBM Tunnelling CH8718-8748 up to start of pilot tunnel (30m; 6.5R/v	15	01-Oct-25	15-Oct-25		EB TBM Tunnelling CH8718-8748 up to start of pilot tunnel (30m; 6.5R/wk)	
	EBTBM1290 EB TBM Tunnelling Pilot tunnel section CH8748-8860 (112m; 9.5R/v	38	16-Oct-25	22-Nov-25		EB TBM Tunnelling Pilot tunnel section CH8748-8860 (112m; 9.5R/wk)	
	EBTBM1310 EB TBM Tunnelling Cavern section CH8860-8900 (Pilot tunnel section)	14	23-Nov-25	06-Dec-25			
	TSS - Tunnel Civil Works	748	26-Nov-23 A	12-Dec-25			
	Westbound (WB)	384	24-Nov-24 A	12-Dec-25			
	WB TSS - TBM Temporary Services	56	14-Sep-25	08-Nov-25			
	TBM slurry pipe relocation	7	21-Oct-25	27-Oct-25			
	A229447540 TSS - WB NCPS Wall Pipe Relocation from CP23 to CP24	7	21-Oct-25	27-Oct-25		TSS - WB NCPS Wall Pipe Relocation from CP23 to CP24	
	TBM slurry pipe dismantling	56	14-Sep-25	08-Nov-25			
	A229447590 TSS - WB NCPS Wall Pipe Dismantling from CP25 to CP29	14	14-Sep-25	27-Sep-25		TSS - WB NCPS Wall Pipe Dismantling from CP25 to CP29	
	A229447610 TSS - WB NCPS Wall Pipe Dismantling from FT to CP11	14	14-Sep-25	27-Sep-25		TSS - WB NCPS Wall Pipe Dismantling from FT to CP11	
	A229447620 TSS - WB NCPS Wall Pipe Dismantling from CP11 to CP16	14	28-Sep-25	11-Oct-25		TSS - WB NCPS Wall Pipe Dismantling from CP11 to CP16	
	A229447630 TSS - WB NCPS Wall Pipe Dismantling from CP16 to CP21	14	12-Oct-25	25-Oct-25		TSS - WB NCPS Wall Pipe Dismantling from CP16 to CP21	
	A229447640 TSS - WB NCPS Wall Pipe Dismantling from CP21 to CP25	14	26-Oct-25	08-Nov-25		TSS - WB NCPS Wall Pipe Dismantling from CP21 to CP25	
	WB TSS - Service Gallery	46	28-Oct-25	12-Dec-25			
	After TBM Dismantling	46	28-Oct-25	12-Dec-25			
	TC3020 WB TSS - Service Gallery up to CP29 to CP30 (100m)	14	28-Oct-25	10-Nov-25			WB TSS - Service Gallery up to CP29 to CP30
	TC3030 WB TSS - Service Gallery up to CP30 to CP31 (100m)	14	11-Nov-25	24-Nov-25			WB TSS - Service Gallery up to CP30 to CP31
	TC3060 WB TSS - ISIG Dismantling & Last SG @ TSS	18	25-Nov-25	12-Dec-25			
	WB TSS - Below Road Level Installation	92	12-Sep-25	12-Dec-25			
	Service Gallery Civil Provision	92	12-Sep-25	12-Dec-25			
	TC1100 WB TSS - Service Gallery Civil Provision up to CP29	18	12-Sep-25	29-Sep-25		WB TSS - Service Gallery Civil Provision up to CP29	
	TC1130 WB TSS - Service Gallery Civil Provision up to CP30	18	11-Nov-25	28-Nov-25			WB TSS - Service Gallery Civil Provision up to CP30
	TC1140 WB TSS - Service Gallery Civil Provision up to CP31	18	25-Nov-25	12-Dec-25			

Activity ID		Activity Name	Dur	Start	Finish	2025		
						Sep	Oct	Nov
WB TSS - Corbel			100	24-Aug-25 A	01-Dec-25			
Before TBM Dismantling			34	24-Aug-25 A	26-Sep-25			
CP21-1			34	24-Aug-25 A	26-Sep-25			
TC11200	WB TSS - Corbel Structure & Curing up to CH8875 (R1017W)	34	24-Aug-25 A	26-Sep-25		WB TSS - Corbel Structure & Curing up to CH8875 (R1017W)		
After TBM Dismantling			62	01-Oct-25	01-Dec-25			
TC1930	WB TSS Final - Corbel Structure from CP28 to CP29	7	01-Oct-25	07-Oct-25		WB TSS Final - Corbel Structure from CP28 to CP29		
TC1940	WB TSS Final - Corbel Structure from CP29 to CP30	7	11-Nov-25	17-Nov-25			WB TSS Final - Corbel Struc	
TC1960	WB TSS Final - Corbel Structure from CP30 to CP31	7	25-Nov-25	01-Dec-25				
Concrete curing			48	08-Oct-25	24-Nov-25			
TC1330	WB TSS - Corbel Structure up to CP29 (concrete curing)	7	08-Oct-25	14-Oct-25		WB TSS - Corbel Structure up to CP29 (concrete curing)		
TC1340	WB TSS - Corbel Structure up to CP30 (concrete curing)	7	18-Nov-25	24-Nov-25			WB TSS - C	
WB TSS - OHVD			60	16-Sep-25	14-Nov-25			
Before TBM Dismantling			7	16-Sep-25	22-Sep-25			
TC11470	WB TSS - OHVD from CH8530 to CP26	4	16-Sep-25	19-Sep-25	WB TSS - OHVD from CH8530 to CP26			
TC11400	WB TSS - OHVD up to CP"26.5" blocked by CP27 WB Tym	3	20-Sep-25	22-Sep-25	WB TSS - OHVD up to CP"26.5" blocked by CP27 WB Tym			
After TBM Dismantling			11	04-Nov-25	14-Nov-25			
TC3140	WB TSS Final - OHVD from CP26 to CP27	3	04-Nov-25	06-Nov-25			WB TSS Final - OHVD from CP26 to CP27	
TC11390	WB TSS Final - OHVD from CP27 to CP28	4	11-Nov-25	14-Nov-25			WB TSS Final - OHVD from CP27 to	
WB TSS - Fire Board - Tunnel Crown with deletion up Ch8924			126	28-Jul-25 A	01-Dec-25			
Before TBM Dismantling			49	28-Jul-25 A	15-Sep-25			
D12555	WB TSS - Fire board - Tunnel Crown up to CP27	49	28-Jul-25 A	15-Sep-25		WB TSS - Fire board - Tunnel Crown up to CP27		
After TBM Dismantling			35	28-Oct-25	01-Dec-25			
D12565	WB TSS Final - Fire board (Crown) by Aerial Platform from CP27 t	7	28-Oct-25	03-Nov-25			WB TSS Final - Fire board (Crown) by Aerial Platform from CP2	
TC1110	WB TSS Final - Fire board (Crown) by Aerial Platform from CP28 t	7	04-Nov-25	10-Nov-25			WB TSS Final - Fire board (Crown) by Aerial P	
TC11580	WB TSS Final - Fire board (Crown) by Aerial Platform from CP29 t	7	25-Nov-25	01-Dec-25				
WB TSS - Fire Board - Road level with deletion up Ch8924			281	21-Feb-25 A	28-Nov-25			
Before TBM Dismantling			266	21-Feb-25 A	13-Nov-25			
TC11430	WB TSS - Fire Board - Wall & OHVD Soffit from CP25 to CP26	266	21-Feb-25 A	13-Nov-25		WB TSS - Fire Board - Wall & OHVD S		
After TBM Dismantling			14	15-Nov-25	28-Nov-25			
TC11440	WB TSS - Fire Board - Wall & OHVD Soffit from CP26 to CP27	7	15-Nov-25	21-Nov-25			WB TSS - Fire Boa	
Defect			7	22-Nov-25	28-Nov-25			
TC11610	WB TSS - inspection before black paint & E&M bracket CP26 to C	7	22-Nov-25	28-Nov-25				WB TSS - Road Barrier
WB TSS - Road Barrier			71	12-Sep-25	21-Nov-25			
A229446430	WB TSS - Road Barrier NCPS up to CP26	7	28-Sep-25	04-Oct-25		WB TSS - Road Barrier NCPS up to CP26		
A229446420	WB TSS - Road Barrier NCPS up to CP27	7	05-Oct-25	11-Oct-25		WB TSS - Road Barrier NCPS up to CP27		
A229425611	WB TSS - Road Barrier from CP27 to CP28	7	15-Nov-25	21-Nov-25			WB TSS - Road Ba	
CPS			71	12-Sep-25	21-Nov-25			
A229447650	WB TSS - Road Barrier CPS up to CP28	6	12-Sep-25	19-Sep-25	WB TSS - Road Barrier CPS up to CP28			
A229447850	WB TSS - Road Barrier CPS up to CP26	6	12-Sep-25	19-Sep-25	WB TSS - Road Barrier CPS up to CP26			
TC1040	WB TSS - Road Barrier CPS up to CP29	4	08-Oct-25	11-Oct-25		WB TSS - Road Barrier CPS up to CP29		
A229447860	WB TSS - Road Barrier CPS up to CP27	6	28-Oct-25	06-Nov-25			WB TSS - Road Barrier CPS up to CP27	
TC1270	WB TSS - Road Barrier CPS up to CP30	4	18-Nov-25	21-Nov-25			WB TSS - Road Ba	
WB TSS - E&M Brackets			361	24-Nov-24 A	19-Nov-25			
TC11030	WB TSS - E&M Brackets up to CP26	141	02-Jul-25 A	19-Nov-25		WB TSS - E&M Bracke		
NCPS			292	24-Nov-24 A	12-Sep-25			
TC11460	WB TSS - E&M Brackets NCPS from CH8450 to CP25	292	24-Nov-24 A	12-Sep-25	WB TSS - E&M Brackets NCPS from CH8450 to CP25			
WB TSS - Black paint			4	29-Nov-25	02-Dec-25			
TC1490	WB TSS - Black paint from CP26 to CP27	4	29-Nov-25	02-Dec-25				
Eastbound (EB)			740	26-Nov-23 A	04-Dec-25			
EB TSS - TBM Temporary Services			7	21-Oct-25	27-Oct-25			
TBM slurry pipe relocation			7	21-Oct-25	27-Oct-25			

Activity ID	Activity Name	Dur	Start	Finish	2025		
					Sep	Oct	Nov
A229447680	TSS - EB NCPS Wall Pipe Relocation from CP23 to CP24	7	21-Oct-25	27-Oct-25		TSS - EB NCPS Wall Pipe Relocation from CP23 to CP24	
EB TSS - Service Gallery		96	30-Aug-25 A	03-Dec-25			
Before TBM Dismantling		96	30-Aug-25 A	03-Dec-25			
CP21-26		96	30-Aug-25 A	03-Dec-25			
Same Rate as TBM Excavation (Last SG 170m behind TBM CH)		96	30-Aug-25 A	03-Dec-25			
EBTBM1500	EB TSS - Service Gallery up to CH8508	5	30-Aug-25 A	03-Sep-25 A	EB TSS - Service Gallery up to CH8508		
EBTBM1430	EB TSS - Service Gallery up to CH8548	25	12-Sep-25	06-Oct-25		EB TSS - Service Gallery up to CH8548	
EBTBM1440	EB TSS - Service Gallery up to CH8578	14	07-Oct-25	20-Oct-25		EB TSS - Service Gallery up to CH8578	
EBTBM1460	EB TSS - Service Gallery up to CH8588 and allow start of CP26 E	5	21-Oct-25	25-Oct-25		EB TSS - Service Gallery up to CH8588 and allow start of CP26 EB Tym	
EBTBM1510	EB TSS - Service Gallery up to CH8661	30	26-Oct-25	24-Nov-25			EB TSS - S
EBTBM1480	EB TSS - Service Gallery up to CH8688 and allow start of CP27 E	9	25-Nov-25	03-Dec-25			
EB TSS - Below Road Level Installation		243	17-Feb-25 A	17-Oct-25			
CP26-30 Civil Provision		18	12-Sep-25	29-Sep-25			
TC11070	EB TSS - Service Gallery Civil Provision up to CP25	18	12-Sep-25	29-Sep-25		EB TSS - Service Gallery Civil Provision up to CP25	
TC11090	EB TSS - Service Gallery Civil Provision up to CP26	18	12-Sep-25	29-Sep-25		EB TSS - Service Gallery Civil Provision up to CP26	
CP26-30 MiMEP		18	30-Sep-25	17-Oct-25			
TC11080	EB TSS - Service Gallery MiMEP up to CP25	6	30-Sep-25	05-Oct-25		EB TSS - Service Gallery MiMEP up to CP25	
TC11100	EB TSS - Service Gallery MiMEP up to CP26	6	06-Oct-25	11-Oct-25		EB TSS - Service Gallery MiMEP up to CP26	
TC11110	EB TSS - Service Gallery MiMEP up to CP27	6	12-Oct-25	17-Oct-25		EB TSS - Service Gallery MiMEP up to CP27	
Low Point Sump Pit		235	17-Feb-25 A	09-Oct-25			
Low Point @ CP12		235	17-Feb-25 A	09-Oct-25			
TC11330	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM c	235	17-Feb-25 A	09-Oct-25		EB TSS - Low Point Sump Pit waterproofing & testing (after TBM dismantling)	
EB TSS - Corbel		711	26-Nov-23 A	05-Nov-25			
Before TBM Dismantling		711	26-Nov-23 A	05-Nov-25			
CP21-26		711	26-Nov-23 A	05-Nov-25			
A229415982	EB TSS - Corbel Stoppage at CP23	683	26-Nov-23 A	08-Oct-25		EB TSS - Corbel Stoppage at CP23	
A229415952	EB TSS - Corbel Structure up to CP24	9	28-Oct-25	05-Nov-25			EB TSS - Corbel Structure up to CP24
EB TSS - OHVD		4	05-Nov-25	09-Nov-25			
Before TBM Dismantling		4	05-Nov-25	09-Nov-25			
CP21-26		4	05-Nov-25	09-Nov-25			
TC320	EB TSS - OHVD up to CP24	4	05-Nov-25	09-Nov-25			EB TSS - OHVD up to CP24
EB TSS - Fire Board - Tunnel Crown with deletion up to Ch8850		8	09-Nov-25	17-Nov-25			
D12585	EB TSS - Fire board - Tunnel Crown up to CP24	8	09-Nov-25	17-Nov-25			EB TSS - Fire board - Tunnel
EB TSS - Fire Board - Road level with deletion up to Ch8850		7	09-Nov-25	16-Nov-25			
TC410	EB TSS - Fire Board - Wall & OHVD Soffit up to CP23	7	09-Nov-25	16-Nov-25			EB TSS - Fire Board - Wall & C
EB TSS - Road Barrier		8	05-Nov-25	13-Nov-25			
NCPS		8	05-Nov-25	13-Nov-25			
TC10160	EB TSS - Road Barrier NCPS up to CP24	8	05-Nov-25	13-Nov-25			EB TSS - Road Barrier NCPS up to CP
EB TSS - Black paint		4	23-Nov-25	27-Nov-25			
TC720	EB - TBM Tunnel - Black paint up to CP23	4	23-Nov-25	27-Nov-25			EB
EB TSS - E&M Brackets		7	16-Nov-25	23-Nov-25			
TC620	EB - TBM Tunnel - E&M Bracket from CP22 to CP23	7	16-Nov-25	23-Nov-25			EB - TBM Tu
EB TSS - TCSS Civil provision at OHVD soffit		7	27-Nov-25	04-Dec-25			
TC800	EB - TBM Tunnel - TCSS Civil provision at OHVD soffit up to CP23	7	27-Nov-25	04-Dec-25			
09 Cross Passages		130	18-Aug-25 A	25-Dec-25			
Cross Passages @ TSS & CKL Tunnel (CP7 to CP33)		130	18-Aug-25 A	25-Dec-25			
CP25 by Mini TBM		113	04-Sep-25 A	25-Dec-25			
TD0100	CP25 - EB - Tympanum Civil works CH8489	27	04-Sep-25 A	30-Sep-25		CP25 - EB - Tympanum Civil works CH8489	
A229450630	CP25 - Mobilisation	6	01-Oct-25	06-Oct-25		CP25 - Mobilisation	
TD1400	CP25 - EB - Tympanum Strength Gain	14	01-Oct-25	14-Oct-25		CP25 - EB - Tympanum Strength Gain	
A229450640	CP25 - CP TBM mining	6	15-Oct-25	20-Oct-25		CP25 - CP TBM mining	

Activity ID		Activity Name	Dur	Start	Finish	2025		
						Sep	Oct	Nov
	A7950	CP25 - Lining Grouting	6	21-Oct-25	26-Oct-25		CP25 - Lining Grouting	
	A8260	CP25 - Internal & Collar Structure & ABWF	60	27-Oct-25	25-Dec-25			
	CP26 by Mini TBM		41	26-Oct-25	05-Dec-25			
	TD0200	CP26 - EB - Tympanum Civil works CH8588	27	26-Oct-25	21-Nov-25		CP26 - EB - Tymp	
	A7960	CP26 - Mobilisation	6	22-Nov-25	27-Nov-25			CP
	TD1430	CP25 - EB - Tympanum Strength Gain	14	22-Nov-25	05-Dec-25			
	CP27 by Mini TBM		27	01-Oct-25	27-Oct-25			
	TD0310	CP27 - WB - Tympanum Civil works CH8688 R0936W	27	01-Oct-25	27-Oct-25		CP27 - WB - Tympanum Civil works CH8688 R0936W	
	CP28 by D&Br		115	18-Aug-25 A	10-Dec-25			
	TD1250	CP28 - Advance excavation from WB (first 9m)	55	18-Aug-25 A	11-Oct-25		CP28 - Advance excavation from WB (first 9m)	
	TD1460	CP28 - Advance lining structure works from WB	60	12-Oct-25	10-Dec-25			
	CP29 by D&Br		89	04-Sep-25 A	01-Dec-25			
	TD1310	CP29 - WB - Temporary Platform setup & Tympanum	27	04-Sep-25 A	30-Sep-25		CP29 - WB - Temporary Platform setup & Tympanum	
	TD1330	CP29 - Advance excavation from WB (first 9m)	55	08-Oct-25	01-Dec-25			
	10 East Ventilation Building - EVB		180	13-Jun-25 A	09-Dec-25			
	EVB Remaining Works (TBC)		180	13-Jun-25 A	09-Dec-25			
	Facade works		180	13-Jun-25 A	09-Dec-25			
	EVB1606	EVB - Aluminium Fins Installation	180	13-Jun-25 A	09-Dec-25			
	VO - Recovery Vehicle Base (RVB) Construction		45	12-Sep-25	26-Oct-25			
	EVB1810	RVB - Rock Excavation & Site Formation	45	12-Sep-25	26-Oct-25		RVB - Rock Excavation & Site Formation	
	11 Tunnel E&M Installation		237	01-May-25 A	24-Dec-25			
	WB - E&M Works		90	12-Sep-25	10-Dec-25			
	WB - LV Cabling & LV Power On		90	12-Sep-25	10-Dec-25			
	TF170	WB CKL - CP32-EVB Portal E&M installation	90	12-Sep-25*	10-Dec-25			
	E&MC1180	01b. WB SUS CP1 to CP12 - E&M Installation (Final Stage)	60	27-Sep-25	26-Nov-25		01b. W	
	EB - E&M Works		237	01-May-25 A	24-Dec-25			
	EB - LV Cabling & LV Power On		237	01-May-25 A	24-Dec-25			
	E&MC1080	02. EB TSS - CP12-16 E&M installation	134	01-May-25 A	12-Sep-25	02. EB TSS - CP12-16 E&M installation		
	E&MC1130	11. EB CKL - CP31 to EVB Portal - E&M installation	90	12-Sep-25	10-Dec-25			
	E&MC1140	12. EB CKL - BT & S01 - E&M installation	90	12-Sep-25	10-Dec-25			
	E&MC1150	01b. EB SUS to TSS CP12 - E&M Installation (Final Stage)	60	25-Oct-25	24-Dec-25			
	12 Projectwide TCSS Installation		588	20-Jan-25 A	30-Aug-26			
	WB - TCSS Installation		277	20-Jan-25 A	23-Oct-25			
	TF030	WB - TBM Tunnel - TCSS fibre cabling	277	20-Jan-25 A	23-Oct-25		WB - TBM Tunnel - TCSS fibre cabling	
	TF040	WB - TBM Tunnel - TCSS Signage Installation	271	20-Jan-25 A	17-Oct-25		WB - TBM Tunnel - TCSS Signage Installation	
	EB - TCSS Installation		588	20-Jan-25 A	30-Aug-26			
	TE130	EB - TBM Tunnel - TSSC Fibre Cabling	588	20-Jan-25 A	30-Aug-26			
	TE170	EB - TBM Tunnel - TSSC Sign Installation	582	20-Jan-25 A	24-Aug-26			
	14 Projectwide Final Works		86	12-Sep-25	06-Dec-25			
	Tunnel Cladding		86	12-Sep-25	06-Dec-25			
	Eastbound		86	12-Sep-25	06-Dec-25			
	Typical Subframe & Cladding		86	12-Sep-25	06-Dec-25			
	EB CPS		66	02-Oct-25	06-Dec-25			
	VE10280	3. VE Panel - EB TSS CP7-12 (CPS) 500m	24	02-Oct-25	26-Oct-25		3. VE Panel - EB TSS CP7-12 (CPS) 500m	
	VE10220	1. VE Panel - EB SUS (CPS) 400m	24	13-Nov-25	06-Dec-25			
	EB NCPS		54	12-Sep-25	05-Nov-25			
	VE10591	3. VE Panel - EB TSS CP7-12 (NCPS) 500m	24	12-Sep-25	05-Oct-25		3. VE Panel - EB TSS CP7-12 (NCPS) 500m	
	VE10601	4. VE Panel - EB TSS CP12-17 (NCPS) 500m	24	12-Sep-25	05-Oct-25		4. VE Panel - EB TSS CP12-17 (NCPS) 500m	
	VE10581	2. VE Panel - EB LSCC to CP7 (NCPS) 150m	10	26-Oct-25	05-Nov-25		2. VE Panel - EB LSCC to CP7 (NCPS) 150m	
	Westbound		10	26-Nov-25	06-Dec-25			
	Typical Subframe & Cladding		10	26-Nov-25	06-Dec-25			

Activity ID	Activity Name	Dur	Start	Finish	2025		
					Sep	Oct	Nov
WB CPS		10	26-Nov-25	06-Dec-25			
	VE100222. VE Panel - WB LSCC to CP7 (CPS) 150m	10	26-Nov-25	06-Dec-25			
Tunnel Pavement		30	28-Oct-25	26-Nov-25			
Westbound		30	28-Oct-25	26-Nov-25			
AGR10090	Pavement - WB Initial Layers CP1 to CP18 (Subj to TBM1 dismant	30	28-Oct-25	26-Nov-25			
Infrastructure Works		349	07-Jan-25 A	22-Dec-25			
06 Road S20		164	31-Mar-25 A	04-Nov-25			
Addition of Planter (Non Critical)		142	31-Mar-25 A	08-Oct-25			
A1140	S20 - Construction of Remaining Planter	142	31-Mar-25 A	08-Oct-25			
Run-in Remaining Works		140	08-May-25 A	04-Nov-25			
A1100	S20 - Run-in Remaining Works	140	08-May-25 A	04-Nov-25			
VO - Modification of Irrigation System at Charging Station Run-in		12	12-Sep-25	26-Sep-25			
A1070	S20 - Shrubs Reinstatement (Non Critical)	12	12-Sep-25	26-Sep-25			
07 Road L10(N)		258	01-Mar-25 A	13-Nov-25			
L10(N) Landscape (KD-26)		26	14-Oct-25	13-Nov-25			
LN10110	L10(N) - Landscape softwork (TBC)	26	14-Oct-25	13-Nov-25			
L10(N) Remaining works		59	12-Sep-25	09-Nov-25			
LN10100	Road L10N - Drainage T&C	21	12-Sep-25	02-Oct-25			
LN10150	Road L10N - Final Paving works & Road Marking	20	21-Oct-25	09-Nov-25			
L10 (N) Remaining Road Works (Subject to Manpower)		178	01-Mar-25 A	20-Oct-25			
A229450270	L10 (N) - Remaining Road Signage	169	01-Mar-25 A	09-Oct-25			
A229450280	L10 (N) - Remaining Road Lighting	30	12-Sep-25	20-Oct-25			
08 Road L10(S) & L18		341	07-Jan-25 A	13-Dec-25			
L10(S) & L18 Landscape (KD-24)		25	12-Sep-25	13-Oct-25			
A229445710	L10 (S) & L18 - Landscape softwork (TBC)	25	12-Sep-25*	13-Oct-25			
L10(S) & L18 Remaining works		93	12-Sep-25	13-Dec-25			
Roadside Area adjacent to L10(S)		93	12-Sep-25	13-Dec-25			
Roadworks		30	12-Sep-25	11-Oct-25			
A229448810	Roadside Area adjacent to L10S - Road works	30	12-Sep-25*	11-Oct-25			
Landscape		30	14-Nov-25	13-Dec-25			
A229448820	Roadside Area adjacent to L10S - Landscape (TBC)	30	14-Nov-25	13-Dec-25			
Miscellaneous Road Works		194	07-Jan-25 A	17-Sep-25			
A1190	L10 (S) Carriageway - Construction of Remaining Islands	194	07-Jan-25 A	17-Sep-25			
Preparation for Road Opening (L10S)		108	26-Apr-25 A	13-Sep-25			
A229450210	L10 (S) Carriageway - Final Paving Works & Road Marking	108	26-Apr-25 A	13-Sep-25			
10 Lam Chak Street/ Kai Hing Road Modification		30	22-Nov-25	22-Dec-25			
LCS/KHR Modification (KD-19)		30	22-Nov-25	22-Dec-25			
VO - Additional Raod Lighting at Stage 1 Area		30	22-Nov-25	22-Dec-25			
A229450080	VO - Additional Road Lighting installation	30	22-Nov-25	22-Dec-25			

Activity ID	Activity Name	Dur	Start	Finish	2025		
					Oct	Nov	Dec
HKT2 P80 Programme DD 30Sep25		1021	26-Nov-23 A	11-Sep-26			
Construction		1021	26-Nov-23 A	11-Sep-26			
Trunk Road T2		1021	26-Nov-23 A	11-Sep-26			
02 AtGrade Road -AGR		394	07-Dec-24 A	04-Jan-26			
Kiosk		97	30-Sep-25 A	04-Jan-26			
AGR1030	Kiosk - fabrication & delivery	76	30-Sep-25 A	14-Dec-25	Kiosk - fabrication & delivery		
AGR1060	Kiosk - Civil	21	15-Dec-25	04-Jan-26			
AGR - Road & Drainage works		318	07-Dec-24 A	21-Oct-25			
AGR1021	AGR - TCSS Provision CH5860-5962	226	09-Jan-25 A	14-Oct-25	AGR - TCSS Provision CH5860-5962		
AGR1150	AGR - Central Barrier (subject to CKR interface and TBM haul road arrangement)	12	09-Oct-25	21-Oct-25	AGR - Central Barrier (subject to CKR interface and TBM haul road arrangement)		
Eastbound		243	07-Dec-24 A	04-Oct-25			
AGR1040	AGR - EB Drainage & Gully Installation	243	07-Dec-24 A	04-Oct-25	AGR - EB Drainage & Gully Installation		
Westbound		247	15-Feb-25 A	20-Oct-25			
AGR1050	AGR - WB Road Side Barrier	247	15-Feb-25 A	20-Oct-25	AGR - WB Road Side Barrier		
AGR1140	AGR - WB Subbase (subject to CKR interface and TBM haul road arrangement)	176	06-Mar-25 A	09-Oct-25	AGR - WB Subbase (subject to CKR interface and TBM haul road arrangement)		
03 Depressed Road - DPR		104	01-Oct-25	12-Jan-26			
DPR - Road Works		104	01-Oct-25	12-Jan-26			
Rising Main		104	01-Oct-25	12-Jan-26			
A229450170	DPR - Civil - Perm civil provision (sump pit)	19	01-Oct-25	19-Oct-25	DPR - Civil - Perm civil provision (sump pit)		
A229426391	DPR - E&M - Sump pit pumps and watermain installation (remainir	60	14-Nov-25	12-Jan-26			
DPR - Final Works		36	02-Oct-25	14-Nov-25			
Landscape work (TBC)		36	02-Oct-25	14-Nov-25			
A12991	Landscape Soil Filling	24	02-Oct-25	31-Oct-25	Landscape Soil Filling		
A12992	Planter works	12	01-Nov-25	14-Nov-25		Planter works	
05 Supporting Underground Structure - SUS		155	30-Jun-25 A	01-Dec-25			
SUS - Tunnel Civil Works		155	30-Jun-25 A	01-Dec-25			
A229450470	SUS VE Panel Design Review (EB)	155	30-Jun-25 A	01-Dec-25	SUS VE Panel Design Review (EB)		
A229450490	SUS VE Panel Design Review (WB)	115	30-Jun-25 A	22-Oct-25	SUS VE Panel Design Review (WB)		
A229450450	Parapet Defect Rectification (WB CP side) (Design TBC)	14	01-Oct-25	14-Oct-25	Parapet Defect Rectification (WB CP side) (Design TBC)		
A229450460	Parapet Defect Rectification (WB NCP side) (Design TBC)	14	15-Oct-25	28-Oct-25	Parapet Defect Rectification (WB NCP side) (Design TBC)		
Eastbound TCW		14	01-Oct-25	14-Oct-25			
EB Road Barrier		14	01-Oct-25	14-Oct-25			
SUS10060	SUS EB - Road Barrier (CPS) Last 50m	14	01-Oct-25	14-Oct-25	SUS EB - Road Barrier (CPS) Last 50m		
Westbound TCW		14	01-Oct-25	14-Oct-25			
WB Road Barrier		14	01-Oct-25	14-Oct-25			
SUS10210	SUS WB - Road Barrier (CPS) Last 50m	14	01-Oct-25	14-Oct-25	SUS WB - Road Barrier (CPS) Last 50m		
06 Launching Shaft & C&C Tunnel - LSCC		558	13-Jul-24 A	21-Jan-26			
LSCC - Structure works		56	01-Oct-25	25-Nov-25			
Launching Shaft		56	01-Oct-25	25-Nov-25			
LS - Miscellaneous Structural Openings		56	01-Oct-25	25-Nov-25			
01 Massfill at cable trench (subject to temporary cable relocation)		14	12-Nov-25	25-Nov-25			
A229448630	Clearance and Massfill the trench	14	12-Nov-25	25-Nov-25		Clearance and Massfill the trench	
02 Road slab opening & Drainage works (subject to temporary cable relocation)		42	01-Oct-25	11-Nov-25			
A229448640	RC Slab, Manhole, drainage pipe construction and massfill	42	01-Oct-25	11-Nov-25	RC Slab, Manhole, drainage pipe construction and massfill		
04 In situ SG at LS/TSS connection (subject to temporary works to maintain tunn		31	01-Oct-25	31-Oct-25			
A229448570	EB & WB in situ Service Gallery CPS - Part 1	7	01-Oct-25	07-Oct-25	EB & WB in situ Service Gallery CPS - Part 1		
A229448580	EB & WB in situ Service Gallery CPS - Part 2	7	08-Oct-25	14-Oct-25	EB & WB in situ Service Gallery CPS - Part 2		
A229448581	Road Diversion	3	15-Oct-25	17-Oct-25	Road Diversion		
A229448590	EB & WB in situ Service Gallery NCPS - Part 1	7	18-Oct-25	24-Oct-25	EB & WB in situ Service Gallery NCPS - Part 1		
A229448600	EB & WB in situ Service Gallery NCPS - Part 2	7	25-Oct-25	31-Oct-25	EB & WB in situ Service Gallery NCPS - Part 2		

Activity ID		Activity Name		Dur	Start	Finish	2025		
							Oct	Nov	Dec
		05 RC works at MIMEP Opening for Service Galleries Works (subject to BYME 8		49	01-Oct-25	18-Nov-25			
	A229448650	Stage 1 - Narrow the opening to 3.5m*2m RC works		28	01-Oct-25*	28-Oct-25	Stage 1 - Narrow the opening to 3.5m*2m RC works		
	A229448660	Stage 2 - Closing out the opening (after SG installation completion		14	01-Oct-25*	14-Oct-25	Stage 2 - Closing out the opening (after SG installation completion TBC)		
	A229449020	Stage 1a - Emergency staircase corridor RC works		21	29-Oct-25	18-Nov-25	Stage 1a - Emergency staircase corridor RC works		
		LSCC - Backfilling & Dwall Dismantling		113	01-Oct-25	21-Jan-26			
	A229447780	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC		45	01-Oct-25	14-Nov-25	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC		
	A229447781	D-wall dismantling (from +1.0mPD to +4.0mPD) ~3050 m3 TBC		38	15-Nov-25	22-Dec-25	D-wall dismantling		
	A229447790	Stage 2b (i) Final Backfilling at LCS side with open cut and allow L		18	23-Dec-25	10-Jan-26			
	A229447800	Stage 2b (ii) Final Backfilling (from +1.0mPD to +4.0mPD) (total qt		30	23-Dec-25	21-Jan-26			
		LSCC - Tunnel Civil Works		503	13-Jul-24 A	28-Nov-25			
		Eastbound TCW		448	06-Sep-24 A	28-Nov-25			
	LSCC10090	LSCC EB - E&M brackets (CPS)		404	06-Sep-24 A	15-Oct-25	LSCC EB - E&M brackets (CPS)		
	LSCC10421	LSCC EB - E&M brackets (NCPS)		404	20-Sep-24 A	29-Oct-25	LSCC EB - E&M brackets (NCPS)		
	LSCC10050	LSCC EB - Road Barrier (NCPS)		153	13-Jun-25 A	13-Nov-25	LSCC EB - Road Barrier (NCPS)		
	LSCC10110	LSCC EB - TCSS provision		6	15-Oct-25	21-Oct-25	LSCC EB - TCSS provision		
	LSCC10431	LSCC EB - Road Barrier (CPS)		15	13-Nov-25*	28-Nov-25	LSCC EB - Road Barrier (CPS)		
		Westbound TCW		488	13-Jul-24 A	13-Nov-25			
	LSCC10080	LSCC WB - E&M brackets (CPS)		459	13-Jul-24 A	15-Oct-25	LSCC WB - E&M brackets (CPS)		
	LSCC10411	LSCC WB - E&M brackets (NCPS)		357	24-Oct-24 A	16-Oct-25	LSCC WB - E&M brackets (NCPS)		
	LSCC10441	LSCC WB - Road Barrier (NCPS)		153	30-May-25 A	30-Oct-25	LSCC WB - Road Barrier (NCPS)		
	LSCC10100	LSCC WB - TCSS provision		6	15-Oct-25	21-Oct-25	LSCC WB - TCSS provision		
	LSCC10451	LSCC WB - Road Barrier (CPS)		14	30-Oct-25	13-Nov-25	LSCC WB - Road Barrier (CPS)		
		07 Tunnel Sub-sea (TSS)		779	26-Nov-23 A	12-Jan-26			
		TSS - TBM Excavation from Kai Tak		122	13-Sep-25 A	12-Jan-26			
		Westbound - TBM S1281		116	13-Sep-25 A	06-Jan-26			
		TBM1 Dismantling		116	13-Sep-25 A	06-Jan-26			
		TBM1 Dismantling		116	13-Sep-25 A	06-Jan-26			
	TA325	WB TBM dismantling - CKL side (98d)		116	13-Sep-25 A	06-Jan-26			
	TA85	WB TBM dismantling - TSS side (46d)		59	18-Sep-25 A	15-Nov-25	WB TBM dismantling - TSS side (46d)		
		TSS side		57	18-Sep-25 A	13-Nov-25			
		TSS side - breakdown		57	18-Sep-25 A	13-Nov-25			
	TA1271	Last ring securing + Tailskin Cutting + Erector Prep		20	18-Sep-25 A	07-Oct-25	Last ring securing + Tailskin Cutting + Erector Prep		
		Backup Gantries		48	18-Sep-25 A	04-Nov-25			
	TA1261	Gantry 4 (Level 1-3) Dismantling		20	18-Sep-25 A	07-Oct-25	Gantry 4 (Level 1-3) Dismantling		
	TA1281	G1 / Erector Disconnection + Gantries Pulling		2	08-Oct-25	09-Oct-25	G1 / Erector Disconnection + Gantries Pulling		
	TA1621	Gantry 1-3 (Level 3) Dismantling		7	10-Oct-25	16-Oct-25	Gantry 1-3 (Level 3) Dismantling		
	TA1631	Gantry 1-3 (Level 2) Dismantling		8	17-Oct-25	24-Oct-25	Gantry 1-3 (Level 2) Dismantling		
	TA1641	Gantry 1-3 (Level 1) + Boggies Dismantling		8	25-Oct-25	01-Nov-25	Gantry 1-3 (Level 1) + Boggies Dismantling		
	TA1651	Oxycut Platform Demo		3	02-Nov-25	04-Nov-25	Oxycut Platform Demo		
		Erector / XB / MD		35	10-Oct-25	13-Nov-25			
	TA1611	Concrete Slab + HAG System Erection		7	10-Oct-25	16-Oct-25	Concrete Slab + HAG System Erection		
	TA1291	Erector Extraction		5	17-Oct-25	21-Oct-25	Erector Extraction		
	TA1301	Erector Dismantling		2	22-Oct-25	23-Oct-25	Erector Dismantling		
	TA1311	X Beam Extraction		4	22-Oct-25	25-Oct-25	X Beam Extraction		
	TA1321	X Beam Dismantling		4	26-Oct-25	29-Oct-25	X Beam Dismantling		
	TA1331	Main Drive Extraction		5	26-Oct-25	30-Oct-25	Main Drive Extraction		
	TA1341	Main Drive Dismantling		7	31-Oct-25	06-Nov-25	Main Drive Dismantling		
	TA1351	Concrete Slab + HAG System Demo		7	07-Nov-25	13-Nov-25	Concrete Slab + HAG System Demo		
		CKL Side		97	18-Sep-25 A	23-Dec-25			
		CKL side - breakdown		97	18-Sep-25 A	23-Dec-25			
		Cutterhead		36	18-Sep-25 A	23-Oct-25			

Activity ID		Activity Name	Dur	Start	Finish	2025		
						Oct	Nov	Dec
	TA90	WB TBM dismantling - CKL Civil Works #1	17	18-Sep-25 A	04-Oct-25 A	WB TBM dismantling - CKL Civil Works #1		
	TA901	WB TBM dismantling - Cutterhead dismantling Part 1 & Rotation	11	04-Oct-25 A	14-Oct-25	WB TBM dismantling - Cutterhead dismantling Part 1 & Rotation		
	TA1491	WB TBM dismantling - Cutterhead dismantling Part 2	9	15-Oct-25	23-Oct-25	WB TBM dismantling - Cutterhead dismantling Part 2		
	Spherical Bearing		13	24-Oct-25	05-Nov-25			
	TA91	WB TBM dismantling - CKL Civil Works #2	9	24-Oct-25	01-Nov-25	WB TBM dismantling - CKL Civil Works #2		
	TA92	WB TBM dismantling - Spherical Bearing	4	02-Nov-25	05-Nov-25	WB TBM dismantling - Spherical Bearing		
	Shield		48	06-Nov-25	23-Dec-25			
	TA1561	WB TBM dismantling - CKL Civil Works #3	3	06-Nov-25	08-Nov-25	WB TBM dismantling - CKL Civil Works #3		
	TA93	WB TBM dismantling - Shield Part 1	15	09-Nov-25	23-Nov-25	WB TBM dismantling - Shield Part 1		
	TA1501	WB TBM dismantling - CKL Civil Works #4	15	24-Nov-25	08-Dec-25		WB TBM dismantling - CKL Civil Works #4	
	TA95	WB TBM dismantling - Shield Part 2	15	09-Dec-25	23-Dec-25			WB TBM disma
Eastbound - TBM S1282			113	22-Sep-25 A	12-Jan-26			
TBM2 Tunneling			113	22-Sep-25 A	12-Jan-26			
CP26-30			113	22-Sep-25 A	12-Jan-26			
	EBTBM1270	EB TBM Tunnelling CH8698-8718 up to full face rock (20m; 5.5R/v	21	22-Sep-25 A	12-Oct-25	EB TBM Tunnelling CH8698-8718 up to full face rock (20m; 5.5R/wk)		
	EBTBM1280	EB TBM Tunnelling CH8718-8748 up to start of pilot tunnel (30m; 6.5R/v	15	13-Oct-25	27-Oct-25	EB TBM Tunnelling CH8718-8748 up to start of pilot tunnel (30m; 6.5R/wk)		
	EBTBM1550	EB TBM Tunnelling Pilot tunnel section CH8748-8804 (56m; 9.5R/v	19	28-Oct-25	15-Nov-25	EB TBM Tunnelling Pilot tunnel section CH8748-8804 (56m; 9.5R/wk)		
	EBTBM1290	EB TBM Tunnelling Pilot tunnel section CH8804-8860 (56m; 9.5R/v	19	16-Nov-25	04-Dec-25		EB TBM Tunnelling Pilot tunnel section CH8804-8860 (56m; 9.5R/wk)	
	EBTBM1310	EB TBM Tunnelling Cavern section CH8860-8900 (Pilot tunnel sec	14	05-Dec-25	18-Dec-25			EB TBM Tunnelling Cavern
	EBTBM1320	EB TBM Tunnelling Cavern section CH8900-8977 (Pilot tunnel sec	25	19-Dec-25	12-Jan-26			
TSS - Tunnel Civil Works			775	26-Nov-23 A	08-Jan-26			
Westbound (WB)			191	02-Jul-25 A	08-Jan-26			
WB TSS - TBM Slurry Pipes & Temporary Services			119	12-Sep-25 A	08-Jan-26			
CP25 to Back of TBM			47	12-Sep-25 A	28-Oct-25			
	A229447590	TSS - WB NCPS Wall Pipe Dismantling from CP25 to CP29	47	12-Sep-25 A	28-Oct-25	TSS - WB NCPS Wall Pipe Dismantling from CP25 to CP29		
CP7 to CP25			72	29-Oct-25	08-Jan-26			
	A229447640	TSS - WB NCPS Wall Pipe Dismantling from CP21 to CP25	18	29-Oct-25	15-Nov-25	TSS - WB NCPS Wall Pipe Dismantling from CP21 to CP25		
	A229447630	TSS - WB NCPS Wall Pipe Dismantling from CP16 to CP21	18	16-Nov-25	03-Dec-25		TSS - WB NCPS Wall Pipe Dismantling from CP16 to CP21	
	A229447620	TSS - WB NCPS Wall Pipe Dismantling from CP11 to CP16	18	04-Dec-25	21-Dec-25			TSS - WB NCPS Wa
	A229447610	TSS - WB NCPS Wall Pipe Dismantling from FT to CP11	18	22-Dec-25	08-Jan-26			
WB TSS - Service Gallery			46	16-Nov-25	31-Dec-25			
Gallery Installation After TBM1 Dismantling			28	16-Nov-25	13-Dec-25			
	TC3020	WB TSS - Service Gallery up to CP29 to CP30 (100m)	14	16-Nov-25	29-Nov-25		WB TSS - Service Gallery up to CP29 to CP30 (100m)	
	TC3030	WB TSS - Service Gallery up to CP30 to CP31 (100m)	14	30-Nov-25	13-Dec-25		WB TSS - Service Gallery up to CP30 to	
ISIG Dismantling & Last Galleries			18	14-Dec-25	31-Dec-25			
	TC3060	WB TSS - ISIG Dismantling & Last SG @ TSS	18	14-Dec-25	31-Dec-25			
WB TSS - Below Road Level Installation			92	01-Oct-25	31-Dec-25			
Service Gallery Civil Provision			92	01-Oct-25	31-Dec-25			
	TC1100	WB TSS - Service Gallery Civil Provision up to CP29	18	01-Oct-25	18-Oct-25	WB TSS - Service Gallery Civil Provision up to CP29		
	TC1130	WB TSS - Service Gallery Civil Provision up to CP30	18	30-Nov-25	17-Dec-25		WB TSS - Service Gallery Civil	
	TC1140	WB TSS - Service Gallery Civil Provision up to CP31	18	14-Dec-25	31-Dec-25			
WB TSS - Corbel			126	24-Aug-25 A	27-Dec-25			
Corbel Construction Before TBM1 Dismantling			53	24-Aug-25 A	15-Oct-25			
	TC11200	WB TSS - Corbel Structure & Curing up to CH8875 (R1017W)	53	24-Aug-25 A	15-Oct-25	WB TSS - Corbel Structure & Curing up to CH8875 (R1017W)		
Corbel Construction After TBM1 Dismantling			88	01-Oct-25	27-Dec-25			
	TC1930	WB TSS Final - Corbel Structure from CP28 to CP29	7	01-Oct-25	07-Oct-25	WB TSS Final - Corbel Structure from CP28 to CP29		
	TC1940	WB TSS Final - Corbel Structure from CP29 to CP30	7	30-Nov-25	06-Dec-25		WB TSS Final - Corbel Structure from CP29 to CP30	
	TC1960	WB TSS Final - Corbel Structure from CP30 to CP31	7	14-Dec-25	20-Dec-25			WB TSS Final - Corbel
Concrete curing			81	08-Oct-25	27-Dec-25			
	TC1330	WB TSS - Corbel Structure up to CP29 (concrete curing)	7	08-Oct-25	14-Oct-25	WB TSS - Corbel Structure up to CP29 (concrete curing)		
	TC1340	WB TSS - Corbel Structure up to CP30 (concrete curing)	7	07-Dec-25	13-Dec-25			WB TSS - Corbel Structure up to CP30 (C

Activity ID	Activity Name	Dur	Start	Finish	2025		
					Oct	Nov	Dec
TC1350	WB TSS - Corbel Structure up to CP31 (concrete curing)	7	21-Dec-25	27-Dec-25			WB T
WB TSS - OHVD		92	01-Oct-25	31-Dec-25			
OHVD installation Before TBM1 Dismantling		7	01-Oct-25	07-Oct-25			
TC11470	WB TSS - OHVD from CH8530 to CP26	4	01-Oct-25	04-Oct-25	WB TSS - OHVD from CH8530 to CP26		
TC11400	WB TSS - OHVD up to CP"26.5" blocked by CP27 WB Tym	3	05-Oct-25	07-Oct-25	WB TSS - OHVD up to CP"26.5" blocked by CP27 WB Tym		
OHVD installation After TBM1 Dismantling		39	23-Nov-25	31-Dec-25			
TC3140	WB TSS Final - OHVD from CP26 to CP27	3	23-Nov-25	25-Nov-25		WB TSS Final - OHVD from CP26 to CP27	
TC11390	WB TSS Final - OHVD from CP27 to CP28	4	30-Nov-25	03-Dec-25			WB TSS Final - OHVD from CP27 to CP28
TC1190	WB TSS Final - OHVD from CP28 to CP29	4	28-Dec-25	31-Dec-25			
WB TSS - Fire Board - Tunnel Crown with deletion up Ch8924		42	16-Nov-25	27-Dec-25			
Fire Board (Crown) Installation After TBM1 Dismantling		42	16-Nov-25	27-Dec-25			
D12565	WB TSS - Fire board (Crown) by Aerial Platform from CP27 to CP'	7	16-Nov-25	22-Nov-25		WB TSS - Fire board (Crown) by Aerial Platform from CP27 to CP28	
TC1110	WB TSS - Fire board (Crown) by Aerial Platform from CP28 to CP'	7	23-Nov-25	29-Nov-25		WB TSS - Fire board (Crown) by Aerial Platform from CP28 to CP29	
TC11580	WB TSS - Fire board (Crown) by Aerial Platform from CP29 to CP'	7	14-Dec-25	20-Dec-25			WB TSS - Fire board (C
TC11410	WB TSS - Aerial Platform dismantling	7	21-Dec-25	27-Dec-25			WB T
WB TSS - Fire Board - Road level with deletion up Ch8924		14	04-Dec-25	17-Dec-25			
After TBM1 Dismantling		14	04-Dec-25	17-Dec-25			
TC11440	WB TSS - Fire Board - Walls & OHVD soffit - from CP26 to CP27	7	04-Dec-25	10-Dec-25			WB TSS - Fire Board - Walls & OHVD soffit - fro
Defect		7	11-Dec-25	17-Dec-25			
TC11610	WB TSS - inspection before black paint & E&M bracket CP26 to C	7	11-Dec-25	17-Dec-25			WB TSS - inspection before bl
WB TSS - Road Barrier		49	01-Oct-25	18-Nov-25			
Road Barriers After TBM1 Dismantling		49	01-Oct-25	18-Nov-25			
CPS		23	02-Oct-25	06-Nov-25			
A229447650	WB TSS - Road Barrier CPS up to CP28	6	02-Oct-25	15-Oct-25	WB TSS - Road Barrier CPS up to CP28		
A229447850	WB TSS - Road Barrier CPS up to CP26	6	02-Oct-25	15-Oct-25	WB TSS - Road Barrier CPS up to CP26		
A229447860	WB TSS - Road Barrier CPS up to CP27	6	28-Oct-25	06-Nov-25		WB TSS - Road Barrier CPS up to CP27	
NCPS		49	01-Oct-25	18-Nov-25			
A229446440	WB TSS - Road Barrier NCPS up to CP25	7	01-Oct-25	07-Oct-25	WB TSS - Road Barrier NCPS up to CP25		
A229446430	WB TSS - Road Barrier NCPS up to CP26	7	29-Oct-25	04-Nov-25		WB TSS - Road Barrier NCPS up to CP26	
A229446420	WB TSS - Road Barrier NCPS up to CP27	7	05-Nov-25	11-Nov-25		WB TSS - Road Barrier NCPS up to CP27	
A229425611	WB TSS - Road Barrier from CP27 to CP28	7	12-Nov-25	18-Nov-25		WB TSS - Road Barrier from CP27 to CP28	
WB TSS - E&M Brackets		179	02-Jul-25 A	27-Dec-25			
E&M Brackets Installation Before TBM1 Dismantling		153	02-Jul-25 A	01-Dec-25			
CPS		153	02-Jul-25 A	01-Dec-25			
TC11030	WB TSS - E&M Brackets up to CP26	153	02-Jul-25 A	01-Dec-25	WB TSS - E&M Brackets up to CP26		
E&M Brackets Installation After TBM1 Dismantling		6	22-Dec-25	27-Dec-25			
CPS		6	22-Dec-25	27-Dec-25			
TC11040	WB TSS Final - E&M Brackets from CP26 to CP27 (CPS)	6	22-Dec-25	27-Dec-25			WB T
NCPS		6	22-Dec-25	27-Dec-25			
TC11760	WB TSS Final - E&M Brackets from CP26 to CP27 (NCPS)	6	22-Dec-25	27-Dec-25			WB T
WB TSS - Black paint		4	18-Dec-25	21-Dec-25			
After TBM1 Dismantling		4	18-Dec-25	21-Dec-25			
TC1490	WB TSS - Black paint from CP26 to CP27	4	18-Dec-25	21-Dec-25			WB TSS - Black pain
WB TSS - TCSS Civil provision at OHVD soffit		7	28-Dec-25	03-Jan-26			
After TBM1 Dismantling		7	28-Dec-25	03-Jan-26			
TC11650	WB TSS Final - TCSS Civil provision from CP26 to CP27	7	28-Dec-25	03-Jan-26			
Eastbound (EB)		771	26-Nov-23 A	04-Jan-26			
EB TSS - Service Gallery		96	01-Oct-25	04-Jan-26			
Gallery Installation Before TBM2 Dismantling		96	01-Oct-25	04-Jan-26			
EBTBM1430	EB TSS - Service Gallery up to CH8548	25	01-Oct-25	25-Oct-25	EB TSS - Service Gallery up to CH8548		
EBTBM1440	EB TSS - Service Gallery up to CH8578	14	26-Oct-25	08-Nov-25	EB TSS - Service Gallery up to CH8578		

Activity ID		Activity Name	Dur	Start	Finish	2025		
						Oct	Nov	Dec
	EBTBM1460	EB TSS - Service Gallery up to CH8588 and allow start of CP26 E	5	09-Nov-25	13-Nov-25		EB TSS - Service Gallery up to CH8588 and allow start of CP26 EB Tym	
	EBTBM1510	EB TSS - Service Gallery up to CH8661	30	14-Nov-25	13-Dec-25		EB TSS - Service Gallery up to CH8661	
	EBTBM1480	EB TSS - Service Gallery up to CH8688 and allow start of CP27 E	9	14-Dec-25	22-Dec-25			EB TSS - Service
	EBTBM1520	EB TSS - Service Gallery up to CH8730	13	23-Dec-25	04-Jan-26			
	EB TSS - Below Road Level Installation		254	17-Feb-25 A	28-Oct-25			
	CP26-30 MiMEP		18	01-Oct-25	18-Oct-25			
	TC11080	EB TSS - Service Gallery MiMEP up to CP25	6	01-Oct-25	06-Oct-25	EB TSS - Service Gallery MiMEP up to CP25		
	TC11100	EB TSS - Service Gallery MiMEP up to CP26	6	07-Oct-25	12-Oct-25	EB TSS - Service Gallery MiMEP up to CP26		
	TC11110	EB TSS - Service Gallery MiMEP up to CP27	6	13-Oct-25	18-Oct-25	EB TSS - Service Gallery MiMEP up to CP27		
	Low Point Sump Pit		254	17-Feb-25 A	28-Oct-25			
	Low Point @CP12		254	17-Feb-25 A	28-Oct-25			
	TC11330	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM c	254	17-Feb-25 A	28-Oct-25	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM dismantling)		
	EB TSS - Corbel		702	26-Nov-23 A	27-Oct-25			
	Corbel Construction Before TBM2 Dismanting		702	26-Nov-23 A	27-Oct-25			
	A229415982	EB TSS - Corbel Stoppage at CP23	702	26-Nov-23 A	27-Oct-25	EB TSS- Corbel Stoppage at CP23		
	09 Cross Passages		111	30-Sep-25 A	18-Jan-26			
	Cross Passages @ TSS & CKL Tunnel (CP7 to CP33)		111	30-Sep-25 A	18-Jan-26			
	CP25 by Mini TBM		101	30-Sep-25 A	08-Jan-26			
	A229450630	CP25 - Mobilisation	7	30-Sep-25 A	06-Oct-25	CP25 - Mobilisation		
	TD1400	CP25 - EB - Tympanum Strength Gain	15	30-Sep-25 A	14-Oct-25	CP25 - EB - Tympanum Strength Gain		
	A229450640	CP25 - CP TBM mining	6	15-Oct-25	20-Oct-25	CP25 - CP TBM mining		
	A7950	CP25 - Lining Grouting	6	21-Oct-25	26-Oct-25	CP25 - Lining Grouting		
	A8260	CP25 - Internal & Collar Structure & ABWF	60	27-Oct-25	25-Dec-25	CP25 - Inte		
	A8280	CP25 - E&M Installation	14	26-Dec-25	08-Jan-26			
	CP26 by Mini TBM		53	14-Nov-25	05-Jan-26			
	TD0200	CP26 - EB - Tympanum Civil works CH8588	27	14-Nov-25	10-Dec-25		CP26 - EB - Tympanum Civil works CH8588	
	A7960	CP26 - Mobilisation	6	11-Dec-25	16-Dec-25		CP26 - Mobilisation	
	TD1430	CP25 - EB - Tympanum Strength Gain	14	11-Dec-25	24-Dec-25		CP25 - EB -	
	A229450650	CP26 - CP TBM mining	6	25-Dec-25	30-Dec-25			
	A229450660	CP26 - Lining Grouting	6	31-Dec-25	05-Jan-26			
	CP27 by Mini TBM		110	01-Oct-25	18-Jan-26			
	TD0310	CP27 - WB - Tympanum Civil works CH8688 R0936W	27	01-Oct-25	27-Oct-25	CP27 - WB - Tympanum Civil works CH8688 R0936W		
	TD0300	CP27 - EB - Tympanum Civil works CH8688 R0930E	27	23-Dec-25	18-Jan-26			
	CP28 by D&Br		49	16-Nov-25	03-Jan-26			
	TD1480	CP28 - Excavation from WB (Part 2 - 4m subject to EB TBM progr	16	16-Nov-25	01-Dec-25		CP28 - Excavation from WB (Part 2 - 4m subject to EB TBM progress)	
	TD1500	CP28 - Advance Lining	33	02-Dec-25	03-Jan-26			
	CP29 by D&Br		88	08-Oct-25	03-Jan-26			
	TD1330	CP29 - Excavation from WB (Part 1)	50	08-Oct-25	26-Nov-25	CP29 - Excavation from WB (Part 1)		
	TD1490	CP29 - Excavation from WB (Part 2 subject to EB TBM progress)	16	19-Dec-25	03-Jan-26			
	CP30 Remaining Works		37	07-Dec-25	12-Jan-26			
	CP30 remaining works		37	07-Dec-25	12-Jan-26			
	TD1140	CP30 WB TSS - Sawcut & final breaking work CP30	18	07-Dec-25	24-Dec-25		CP30 WB TS	
	TD1150	CP30 - Waterproofing	3	25-Dec-25	27-Dec-25			CP30
	TD1160	CP30 - Collar structure at WB TSS	16	28-Dec-25	12-Jan-26			
	10 East Ventilation Building - EVB		92	01-Oct-25	31-Dec-25			
	EVB Remaining Works (TBC)		92	01-Oct-25	31-Dec-25			
	Landscape works		92	01-Oct-25	31-Dec-25			
	EVB1650	EVB - Hard Landscape - Above G/F	92	01-Oct-25	31-Dec-25			
	11 Tunnel E&M Installation		103	01-Oct-25	12-Jan-26			
	WB - E&M Works		90	01-Oct-25	29-Dec-25			
	WB - LV Cabling & LV Power On		90	01-Oct-25	29-Dec-25			

Activity ID		Activity Name	Dur	Start	Finish	2025		
						Oct	Nov	Dec
	TF170	WB CKL - CP32-EVB Portal E&M installation	90	01-Oct-25*	29-Dec-25			
	E&MC1180	01b. WB SUS CP1 to CP12 - E&M Installation (Final Stage)	60	16-Oct-25	15-Dec-25			
	EB - E&M Works		103	01-Oct-25	12-Jan-26			
	EB - LV Cabling & LV Power On		103	01-Oct-25	12-Jan-26			
	E&MC1130	11. EB CKL - CP31 to EVB Portal - E&M installation	90	01-Oct-25	29-Dec-25			
	E&MC1140	12. EB CKL - BT & S01 - E&M installation	90	01-Oct-25	29-Dec-25			
	E&MC1150	01b. EB SUS to TSS CP12 - E&M Installation (Final Stage)	60	13-Nov-25	12-Jan-26			
	12 Projectwide TCSS Installation		600	20-Jan-25 A	11-Sep-26			
	WB - TCSS Installation		296	20-Jan-25 A	11-Nov-25			
	TF030	WB - TBM Tunnel - TCSS fibre cabling	296	20-Jan-25 A	11-Nov-25	WB - TBM Tunnel - TCSS fibre cabling		
	TF040	WB - TBM Tunnel - TCSS Signage Installation	290	20-Jan-25 A	05-Nov-25	WB - TBM Tunnel - TCSS Signage Installation		
	EB - TCSS Installation		600	20-Jan-25 A	11-Sep-26			
	TE130	EB - TBM Tunnel - TSSC Fibre Cabling	600	20-Jan-25 A	11-Sep-26			
	TE170	EB - TBM Tunnel - TSSC Sign Installation	594	20-Jan-25 A	05-Sep-26			
	14 Projectwide Final Works		110	01-Oct-25	18-Jan-26			
	Cladding		110	01-Oct-25	18-Jan-26			
	Eastbound		110	01-Oct-25	18-Jan-26			
	Typical Subframe & Cladding		110	01-Oct-25	18-Jan-26			
	EB CPS		38	18-Nov-25	25-Dec-25			
	VE10280	3. VE Panel - EB TSS CP7-12 (CPS) 500m	24	18-Nov-25	11-Dec-25	3. VE Panel - EB TSS CP7-12 (CPS) 500m		
	VE10220	1. VE Panel - EB SUS (CPS) 400m	24	02-Dec-25	25-Dec-25	1. VE Panel		
	EB NCPS		110	01-Oct-25	18-Jan-26			
	VE10591	3. VE Panel - EB TSS CP7-12 (NCPS) 500m	24	01-Oct-25	24-Oct-25	3. VE Panel - EB TSS CP7-12 (NCPS) 500m		
	VE10601	4. VE Panel - EB TSS CP12-17 (NCPS) 500m	24	25-Oct-25	17-Nov-25	4. VE Panel - EB TSS CP12-17 (NCPS) 500m		
	VE10571	1. VE Panel - EB SUS (NCPS) 400m	24	26-Dec-25	18-Jan-26			
	Westbound		24	15-Dec-25	08-Jan-26			
	Typical Subframe & Cladding		24	15-Dec-25	08-Jan-26			
	WB CPS		24	15-Dec-25	08-Jan-26			
	VE10060	3. VE Panel - WB TSS CP7-12 (CPS) 500m	24	15-Dec-25	08-Jan-26			
	Infrastructure Works		368	07-Jan-25 A	10-Jan-26			
	06 Road S20		179	31-Mar-25 A	21-Nov-25			
	Addition of Planter (Non Critical)		157	31-Mar-25 A	25-Oct-25			
	A1140	S20 - Construction of Remaining Planter	157	31-Mar-25 A	25-Oct-25	S20 - Construction of Remaining Planter		
	Run-in Remaining Works		155	08-May-25 A	21-Nov-25			
	A1100	S20 - Run-in Remaining Works	155	08-May-25 A	21-Nov-25	S20 - Run-in Remaining Works		
	VO - Modification of Irrigation System at Charging Station Run-in		12	02-Oct-25	16-Oct-25			
	A1070	S20 - Shrubs Reinstatement (Non Critical)	12	02-Oct-25	16-Oct-25	S20 - Shrubs Reinstatement (Non Critical)		
	07 Road L10(N)		277	01-Mar-25 A	02-Dec-25			
	L10(N) Landscape (KD-26)		26	03-Nov-25	02-Dec-25			
	LN10110	L10(N) - Landscape softwork (TBC)	26	03-Nov-25	02-Dec-25	L10(N) - Landscape softwork (TBC)		
	L10(N) Remaining works		58	01-Oct-25	27-Nov-25			
	LN10100	Road L10N - Drainage T&C	21	01-Oct-25	21-Oct-25	Road L10N - Drainage T&C		
	LN10150	Road L10N - Final Paving works & Road Marking	20	08-Nov-25	27-Nov-25	Road L10N - Final Paving works & Road Marking		
	L10 (N) Remaining Road Works (Subject to Manpower)		193	01-Mar-25 A	07-Nov-25			
	A229450270	L10 (N) - Remaining Road Signage	184	01-Mar-25 A	27-Oct-25	L10 (N) - Remaining Road Signage		
	A229450280	L10 (N) - Remaining Road Lighting	30	02-Oct-25	07-Nov-25	L10 (N) - Remaining Road Lighting		
	08 Road L10(S) & L18		360	07-Jan-25 A	01-Jan-26			
	L10(S) & L18 Landscape (KD-24)		25	02-Oct-25	01-Nov-25			
	A229445710	L10 (S) & L18 - Landscape softwork (TBC)	25	02-Oct-25*	01-Nov-25	L10 (S) & L18 - Landscape softwork (TBC)		
	L10(S) & L18 Remaining works		93	01-Oct-25	01-Jan-26			
	Roadside Area adjacent to L10(S)		93	01-Oct-25	01-Jan-26			

Activity ID	Activity Name	Dur	Start	Finish	2025		
					Oct	Nov	Dec
	Roadworks	30	01-Oct-25	30-Oct-25			
A229448810	Roadside Area adjacent to L10S - Road works	30	01-Oct-25*	30-Oct-25		Roadside Area adjacent to L10S - Road works	
	Landscape	30	03-Dec-25	01-Jan-26			
A229448820	Roadside Area adjacent to L10S - Landscape (TBC)	30	03-Dec-25	01-Jan-26			
	Miscellaneous Road Works	209	07-Jan-25 A	08-Oct-25			
A1190	L10 (S) Carriageway - Construction of Remaining Islands	209	07-Jan-25 A	08-Oct-25	L10 (S) Carriageway - Construction of Remaining Islands		
	Preparation for Road Opening (L10S)	123	26-Apr-25 A	03-Oct-25			
A229450210	L10 (S) Carriageway - Final Paving Works & Road Marking	123	26-Apr-25 A	03-Oct-25	L10 (S) Carriageway - Final Paving Works & Road Marking		
	10 Lam Chak Street / Kai Hing Road Modification	30	11-Dec-25	10-Jan-26			
	LCS/KHR Modification (KD-19)	30	11-Dec-25	10-Jan-26			
	VO -Additional Raod Lighting at Stage 1 Area	30	11-Dec-25	10-Jan-26			
A229450080	VO - Additional Road Lighting installation	30	11-Dec-25	10-Jan-26			

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

Appendix III B - Three Month Rolling Programme

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										Sep	Oct	Nov	Dec
										45	46	47	48
Trunk Road T2 - Traffic Control & Surveillance System & Associated Works		855	01-Oct-25	06-Aug-26	01-Apr-24	31-Oct-26	29-Aug-23						
Access Dates		30	01-Oct-25	31-Oct-25	17-Jul-24	31-Oct-26							
AC1010c	Portion 2 - LSCC to CP7 (Under OHVD) - WB	0	01-Oct-25		15-May-25								
AC1010g	Portion 2 - LSCC to CP7 (Under OHVD) - EB	0	01-Oct-25		15-May-25								
AC1010h	Portion 2 - LSCC to CP7 (NCP Side) - EB	0	01-Oct-25		02-Oct-24								
AC1030	Portion 4 - TKO-LTT (LT Interchange)	0	01-Oct-25		01-Aug-25								
AC1040	Underpass S21	0	01-Oct-25		30-Dec-24								
AC1050j	Portion 2 - LS - CKL Tunnel CP7 to CP11 (Niche cabinet) - WB	0	01-Oct-25		23-Jun-25								
AC1060j	Portion 2 - LS - CKL Tunnel CP11 to CP16 (Niche Cabinet) - WB	0	01-Oct-25		31-Oct-26								
AC1070j	Portion 2 - LS - CKL Tunnel CP16 to CP21 (Niche Cabinet) - WB	0	01-Oct-25		07-Aug-25								
AC1080i	Portion 2 - LS - CKL Tunnel CP21 to CP24 (Niche Cabinet) - WB	0	01-Oct-25		25-Jan-25								
AC1050i	Portion 2 - LS - CKL Tunnel CP7 to CP11 (Niche cabinet) - EB	0	15-Oct-25		15-Feb-25								
AC1060i	Portion 2 - LS - CKL Tunnel CP11 to CP16 (Niche Cabinet) - EB	0	15-Oct-25		31-Oct-26								
AC1070i	Portion 2 - LS - CKL Tunnel CP16 to CP21 (Niche Cabinet) - EB	0	15-Oct-25		31-Oct-26								
AC1010d	Portion 2 - LSCC to CP7 (VSLs Signage Anchors & Niche Cabinet) - EB & WB	0	31-Oct-25		28-Jan-25								
AC1080a	Portion 2 - LS - CKL Tunnel CP21 to CP26 (Road Level) - EB	0	31-Oct-25		17-Jul-24								
AC1080f	Portion 2 - LS - CKL Tunnel CP24 to CP26 (Road Level) - WB	0	31-Oct-25		09-Aug-24								
AC1090e	Portion 2 - LS - CKL Main Tunnel CP29 to CP32 (Road Level) - EB	0	31-Oct-25		02-Sep-24								
AC1090f	Portion 2 - LS - CKL Main Tunnel CP29 to CP32 (Service Gallery) - EB	0	31-Oct-25		04-Jan-25								
AC1090g	Portion 2 - LS - CKL Main Tunnel CP30 to CP32 (Road Level) - WB	0	31-Oct-25		17-Sep-24								
AC1090h	Portion 2 - LS - CKL Main Tunnel CP30 to CP32 (Service Gallery) - WB	0	31-Oct-25		04-Jan-25								
Milestones of Contract T2		0	01-Oct-25	01-Oct-25	27-Mar-25	27-Mar-25							
KD1050	Commencement of Project-wide FSD Inspection - Contract T2	0	01-Oct-25		27-Mar-25								
Summary by Cost Center		547	02-Oct-25	06-Aug-26	01-Apr-24	30-Sep-25	01-Apr-24						
Cost Center B - Central System		78	02-Oct-25	29-Nov-25	16-Aug-24	11-Apr-25	22-Jul-25						
SC1090	SAT Plan Submission & Approval for Central System	78	02-Oct-25	29-Nov-25	11-Apr-25	11-Apr-25	22-Jul-25		DS3500: SS				
SC1080	Site Installation of Central System	25	16-Oct-25	14-Nov-25	16-Aug-24	14-Mar-25			SW1100: SS, SW1120: SS, SW1960: SS, SW1090: SS, SW1670: SS, SW1770: SS				
Cost Center C - Traffic Control Devices		468	02-Oct-25	09-Jun-26	23-Sep-24	22-Aug-25	23-Sep-24						
SC1200	SCT Plan Submission & Approval for Traffic Control Devices	0	02-Oct-25	16-Oct-25	23-Sep-24	22-Feb-25	23-Sep-24		DS2980: SS				
SC1210	Site Installation of Traffic Control Devices	166	02-Oct-25	09-Jun-26	05-Mar-25	22-Aug-25	05-Mar-25		SW1110: SS				
SC1220	SAT Plan Submission & Approval for Traffic Control Devices	84	02-Oct-25	12-Jan-26	30-Dec-24	11-Apr-25			DS3540: SS				
Cost Center D - Communication System		0					28-Nov-24	11-Sep-25					
SC1350	SAT Plan Submission & Approval for Communication System	0					28-Nov-24	11-Sep-25	DS3580: SS				
Cost Center E - CCTV System		332	02-Oct-25	09-Jun-26	18-Nov-24	06-Mar-25	18-Nov-24						
SC1480	SAT Plan Submission & Approval for CCTV System	0	02-Oct-25	30-Oct-25	18-Nov-24	06-Mar-25	18-Nov-24		DS3620: SS				
SC1470	Site Installation of CCTV System	76	02-Oct-25	09-Jun-26	04-Feb-25	04-Feb-25	31-Mar-25		SW1060: SS, SW1940: SS				
Cost Center F - PABX System		419	02-Oct-25	21-Jul-26	27-Dec-24	21-May-25	27-Dec-24						

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										Sep 45	Oct 46	Nov 47	Dec 48
SC1590	Site Installation of PABX System	120	02-Oct-25	06-Jun-26	27-Dec-24	07-Apr-25	27-Dec-24		SW2380: SS				
SC1620	SCT of PABX System	207	11-Nov-25	21-Jul-26	11-Jan-25	21-May-25			SW2770: SS, SW2770a: SS				
Cost Center G - ET System		251	02-Oct-25	23-Jun-26	27-Dec-24	03-Apr-25	27-Dec-24						
SC1740	SAT Plan Submission & Approval for ET System	0	02-Oct-25	12-Nov-25	27-Dec-24	03-Apr-25	27-Dec-24		DS3700: SS				
SC1720	Site Installation of ET System	74	02-Oct-25	23-Jun-26	06-Feb-25	06-Feb-25	15-Feb-25		SW2340: SS				
Cost Center H - PA System		190	02-Oct-25	23-May-26	01-Nov-24	30-Sep-25	01-Nov-24						
SC1860	Site Installation of PA System	130	02-Oct-25	23-May-26	01-Nov-24	30-Sep-25	01-Nov-24		SW2370: SS, SW3170: FF				
SC1870	SAT Plan Submission & Approval for PA System	0	02-Oct-25	12-Nov-25	18-Nov-24	07-May-25	18-Nov-24		DS3740: SS				
Cost Center I - Radio System		132	02-Oct-25	13-Jun-26	17-Jan-25	03-Apr-25	04-Jul-25						
SC2000	SAT Plan Submission & Approval for Radio System	84	02-Oct-25	12-Nov-25	03-Apr-25	03-Apr-25	04-Jul-25		DS3780: SS				
SC1930	Installation Drawing Preparation, Submission & Approval for Radio System	60	02-Oct-25	08-Oct-25	17-Jan-25	17-Jan-25	23-Jul-25		DS6130: SS				
SC1990	Site Installation of Radio System	106	02-Oct-25	13-Jun-26	06-Feb-25	06-Feb-25	18-Aug-25		SW2390: SS				
Cost Center J - Detection System		425	02-Oct-25	09-Jun-26	17-Jan-25	16-Apr-25	02-Nov-24						
SC2110	SCT Plan Submission & Approval for Detection System	0					02-Nov-24	23-Sep-25	DS3260: SS				
SC2120	Site Installation of Detection System	156	02-Oct-25	09-Jun-26	17-Jan-25	17-Jan-25	31-Mar-25		SW1070: SS, SW1250: SS				
SC2130	SAT Plan Submission & Approval for Detection System	84	02-Oct-25	15-Nov-25	16-Apr-25	16-Apr-25	05-Aug-25		DS3820: SS				
Cost Center K - Manual Fallback System		284	02-Oct-25	29-Nov-25	25-Nov-24	22-Feb-25	31-Dec-24						
SC2240	Site Installation of Manual Fallback System	0	02-Oct-25	20-Nov-25	25-Nov-24	25-Nov-24	31-Dec-24		EM1110: FS				
SC2270	SAT Plan Submission & Approval for Manual Fallback System	84	02-Oct-25	29-Nov-25	22-Feb-25	22-Feb-25	22-Jul-25		DS3860: SS				
Cost Center L - Speed Enforcement System		332	02-Oct-25	06-Aug-26	18-Oct-24	21-May-25	21-Dec-24						
SC2380	Reliability Test Plan Submission & Approval for Speed Enforcement System	84	02-Oct-25	12-Nov-25	21-Dec-24	11-Apr-25	21-Dec-24		DS3940: SS				
SC2340	Installation Drawing Preparation, Submission & Approval for Speed Enforcement System	60	02-Oct-25	28-Oct-25	10-Mar-25	10-Mar-25	12-Jul-25		DS6290: SS				
SC2400	SCT of Speed Enforcement System	102	02-Oct-25	06-Aug-26	21-May-25	21-May-25	21-Aug-25		DS8860: FS				
SC2390	Site Installation of Speed Enforcement System	205	02-Oct-25	09-Jun-26	18-Oct-24	22-Mar-25			SW2330: SS				
Cost Center M - Power Distribution System		98	02-Oct-25	18-Jun-26	01-Apr-24	15-Jan-25	01-Apr-24						
SC2480	Site Installation of Power Distribution System	98	02-Oct-25	18-Jun-26	01-Apr-24	15-Jan-25	01-Apr-24		SW1920: SS, SW2250: SS, SW1650: SS				
Operation Facilities		309	02-Oct-25	12-Jan-26	19-Aug-24	11-Apr-25	31-Dec-24						
SC2680	Site Installation of Operation Facilities	0	02-Oct-25	20-Dec-25	07-Nov-24	07-Nov-24	31-Dec-24		EM1120: FS				
SC2630	Installation Drawing Preparation, Submission & Approval for Operation Facilities	53	02-Oct-25	04-Dec-25	19-Aug-24	22-Oct-24			DS6250: SS				
SC2710	SAT Plan Submission & Approval for Operation Facilities	84	02-Oct-25	12-Jan-26	30-Dec-24	11-Apr-25			DS3900: SS				
Design & Submissions		304	02-Oct-25	02-Oct-25	27-Aug-24	25-Jun-25	29-Aug-23						
FSP Submissions (42 Working Days after Commencement of FSP)		304	02-Oct-25	02-Oct-25	27-Aug-24	25-Jun-25	29-Aug-23						
FSP Batch 1 Submission		304	02-Oct-25	02-Oct-25	27-Aug-24	25-Jun-25	29-Aug-23						
Central System		304	02-Oct-25	02-Oct-25	27-Aug-24	25-Jun-25	29-Aug-23						
Traffic Plan Review & Combine		140	02-Oct-25	02-Oct-25	27-Aug-24	27-Aug-24	28-Dec-23						
DS7300	Traffic Plan Review & Combine Workshop	140	02-Oct-25	02-Oct-25	27-Aug-24	27-Aug-24	28-Dec-23		DS1830: FS 22				
IT Security Risk Assessment Plan		30	02-Oct-25	02-Oct-25	25-Jun-25	25-Jun-25	29-Aug-23						
DS7440	Approval on IT Security Risk Assessment Plan	30	02-Oct-25	02-Oct-25	25-Jun-25	25-Jun-25	29-Aug-23		DS7430: FS				
Interface Coordination & Integration with Other Parties		72	02-Oct-25	27-Dec-25	06-Apr-24	03-Jul-24							
Interfacing Coordination with T2		72	02-Oct-25	27-Dec-25	06-Apr-24	03-Jul-24							
Preliminary Interfacing Management Plan (PIMP)		72	02-Oct-25	27-Dec-25	06-Apr-24	03-Jul-24							
DS6890	Prepare & Submit PIMP with T2	24	02-Oct-25	31-Oct-25	06-Apr-24	04-May-24			DS2680: FS 211				
DS6900	Comment on PIMP with T2	24	01-Nov-25	28-Nov-25	06-May-24	03-Jun-24			DS6890: FS				
DS6910	Resubmit PIMP with T2	12	29-Nov-25	12-Dec-25	04-Jun-24	18-Jun-24			DS6900: FS				
DS6920	Approval of PIMP with T2	12	13-Dec-25	27-Dec-25	19-Jun-24	03-Jul-24			DS6910: FS				
Drawing & Installation Method Statement Submissions		60	02-Oct-25	04-Dec-25	19-Aug-24	10-Mar-25	05-Aug-25						
Installation Drawing Submission		60	02-Oct-25	04-Dec-25	19-Aug-24	10-Mar-25	05-Aug-25						
Radio System		24	02-Oct-25	08-Oct-25	13-Jan-25	17-Jan-25	22-Aug-25						
DS6150	Resubmit Installation Drawing for Radio System	12					22-Aug-25	22-Sep-25	DS6140: FS				
DS6160	Approval of Installation Drawing for Radio System	12	02-Oct-25	08-Oct-25	13-Jan-25	17-Jan-25	23-Sep-25		DS6150: FS, SC1930: FF				



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										Sep 45	Oct 46	Nov 47	Dec 48
Operation Facility		53	02-Oct-25	04-Dec-25	19-Aug-24	22-Oct-24							
DS6250	Prepare & Submit Installation Drawing for Operation Facility	5	02-Oct-25	08-Oct-25	19-Aug-24	23-Aug-24			DS2532: FS				
DS6260	Comment on Installation Drawing for Operation Facility	24	09-Oct-25	06-Nov-25	24-Aug-24	21-Sep-24			DS6250: FS				
DS6270	Resubmit Installation Drawing for Operation Facility	12	07-Nov-25	20-Nov-25	23-Sep-24	07-Oct-24			DS6260: FS				
DS6280	Approval of Installation Drawing for Operation Facility	12	21-Nov-25	04-Dec-25	08-Oct-24	22-Oct-24			DS6270: FS, SC2630: FF				
Speed Enforcement System		12	02-Oct-25	28-Oct-25	13-Feb-25	10-Mar-25	05-Aug-25						
DS6310	Resubmit Installation Drawing for Speed Enforcement System	12	02-Oct-25	14-Oct-25	13-Feb-25	24-Feb-25	05-Aug-25		DS6300: FS				
DS6320	Approval of Installation Drawing for Speed Enforcement System	12	15-Oct-25	28-Oct-25	25-Feb-25	10-Mar-25			DS6310: FS, SC2340: FF				
SCT Plan Submissions		38	02-Oct-25	16-Oct-25	10-Feb-25	22-Feb-25	22-Aug-25						
Traffic Control Devices		36	02-Oct-25	16-Oct-25	10-Feb-25	22-Feb-25	22-Aug-25						
DS9170	Resubmission of SCT Plan for Traffic Control Devices	12					22-Aug-25	16-Sep-25	DS8920: FS				
DS9180	Approval of SCT Plan for Traffic Control Devices	24	02-Oct-25	16-Oct-25	10-Feb-25	22-Feb-25	17-Sep-25		DS9170: FS, SC1200: FF				
Detection System		36					29-Aug-25	23-Sep-25					
DS9190	Resubmission of SCT Plan for Detection System	12					29-Aug-25	16-Sep-25	DS9160: FS				
DS9200	Approval of SCT Plan for Detection System	24					17-Sep-25	23-Sep-25	SC2110: FF, DS9190: FS				
SAT Plan Submissions		464	02-Oct-25	12-Jan-26	23-Dec-24	07-May-25	14-Jan-25						
Central System		57	02-Oct-25	29-Nov-25	13-Feb-25	11-Apr-25	19-Aug-25						
DS3510	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	02-Oct-25	17-Oct-25	13-Feb-25	27-Feb-25	19-Aug-25		DS3500: FS				
DS3520	Resubmission of SAT Plan for Central System	12	18-Oct-25	01-Nov-25	28-Feb-25	13-Mar-25			DS3510: FS				
DS3530	Approval of SAT Plan for Central System	24	03-Nov-25	29-Nov-25	14-Mar-25	11-Apr-25			SC1090: FF, DS3520: FS				
Traffic Control Devices		84	02-Oct-25	12-Jan-26	30-Dec-24	11-Apr-25							
DS3540	Submission of Traffic Control Devices System SAT Plan	24	02-Oct-25	31-Oct-25	30-Dec-24	27-Jan-25			DS2980: FS				
DS3550	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	01-Nov-25	28-Nov-25	28-Jan-25	27-Feb-25			DS3540: FS				
DS3560	Resubmission of SAT Plan for Traffic Control Devices	12	29-Nov-25	12-Dec-25	28-Feb-25	13-Mar-25			DS3550: FS				
DS3570	Approval of SAT Plan for Traffic Control Devices	24	13-Dec-25	12-Jan-26	14-Mar-25	11-Apr-25			SC1220: FF, DS3560: FS				
Communication System		24					13-Aug-25	11-Sep-25					
DS9120	Approval of SAT Plan for Communication System	24					13-Aug-25	11-Sep-25	SC1350: FF, DS9110: FS				
CCTV System		416	02-Oct-25	30-Oct-25	08-Feb-25	06-Mar-25	14-Jan-25						
DS3640	Resubmission of SAT Plan for CCTV System	12					14-Jan-25	29-Sep-25	DS3630: FS				
DS3650	Approval of SAT Plan for CCTV System	24	02-Oct-25	30-Oct-25	08-Feb-25	06-Mar-25	30-Sep-25		SC1480: FF, DS3640: FS				
ET System		50	02-Oct-25	12-Nov-25	24-Feb-25	03-Apr-25	12-Aug-25						
DS3730	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24					12-Aug-25	03-Sep-25	DS3720: FS				
DS9210	Resubmission of SAT Plan for ET System	12	02-Oct-25	14-Oct-25	24-Feb-25	06-Mar-25	04-Sep-25		DS3730: FS				
DS9220	Approval of SAT Plan for ET System	24	15-Oct-25	12-Nov-25	07-Mar-25	03-Apr-25			SC1740: FF, DS9210: FS				
PA System		50	02-Oct-25	12-Nov-25	26-Mar-25	07-May-25	14-Aug-25						
DS9140	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24					14-Aug-25	03-Sep-25	DS9130: FS				
DS9230	Resubmission of SAT Plan for PA System	12	02-Oct-25	14-Oct-25	26-Mar-25	07-Apr-25	04-Sep-25		DS9140: FS				
DS9240	Approval of SAT Plan for PA System	24	15-Oct-25	12-Nov-25	08-Apr-25	07-May-25			SC1870: FF, DS9230: FS				
Radio System		36	02-Oct-25	12-Nov-25	24-Feb-25	03-Apr-25	22-Aug-25						
DS3800	Resubmission of SAT Plan for Radio System	12	02-Oct-25	14-Oct-25	24-Feb-25	06-Mar-25	22-Aug-25		DS3790: FS				
DS3810	Approval of SAT Plan for Radio System	24	15-Oct-25	12-Nov-25	07-Mar-25	03-Apr-25			SC2000: FF, DS3800: FS				
Detection System		48	02-Oct-25	15-Nov-25	04-Mar-25	16-Apr-25	05-Aug-25						
DS3820	Submission of Detection System SAT Plan	24					05-Aug-25	01-Sep-25	DS3260: FS 72				
DS3830	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	02-Oct-25	02-Oct-25	04-Mar-25	04-Mar-25	02-Sep-25		DS3820: FS				
DS3840	Resubmission of SAT Plan for Detection System	12	03-Oct-25	17-Oct-25	05-Mar-25	18-Mar-25			DS3830: FS				
DS3850	Approval of SAT Plan for Detection System	24	18-Oct-25	15-Nov-25	19-Mar-25	16-Apr-25			SC2130: FF, DS3840: FS				
Manual Fallback Control System		51	02-Oct-25	29-Nov-25	23-Dec-24	22-Feb-25	19-Aug-25						
DS3870	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	02-Oct-25	17-Oct-25	23-Dec-24	08-Jan-25	19-Aug-25		DS3860: FS				

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										Sep 45	Oct 46	Nov 47	Dec 48
DS3880	Resubmission of SAT Plan for Manual Fallback Control System	12	18-Oct-25	01-Nov-25	09-Jan-25	22-Jan-25			DS3870: FS				
DS3890	Approval of SAT Plan for Manual Fallback Control System	24	03-Nov-25	29-Nov-25	23-Jan-25	22-Feb-25			SC2270: FF, DS3880: FS				
Operation Facility		84	02-Oct-25	12-Jan-26	30-Dec-24	11-Apr-25							
DS3900	Submission of Operation Facility SAT Plan	24	02-Oct-25	31-Oct-25	30-Dec-24	27-Jan-25			DS3340: FS				
DS3910	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	01-Nov-25	28-Nov-25	28-Jan-25	27-Feb-25			DS3900: FS				
DS3920	Resubmission of SAT Plan for Operation Facility	12	29-Nov-25	12-Dec-25	28-Feb-25	13-Mar-25			DS3910: FS				
DS3930	Approval of SAT Plan for Operation Facility	24	13-Dec-25	12-Jan-26	14-Mar-25	11-Apr-25			SC2710: FF, DS3920: FS				
Speed Enforcement System		113	02-Oct-25	12-Nov-25	03-Mar-25	11-Apr-25	22-Feb-25						
DS3960	Resubmission of Reliability Test Plan for Speed Enforcement System	12	02-Oct-25	14-Oct-25	03-Mar-25	13-Mar-25	22-Feb-25		DS3950: FS				
DS3970	Approval of Reliability Test Plan for Speed Enforcement System	24	15-Oct-25	12-Nov-25	14-Mar-25	11-Apr-25			SC2380: FF, DS3960: FS				
Training Document & O&M Manual Submission for T2/TKOLTT TCSS		65	02-Oct-25	18-Dec-25	06-Jun-26	22-Aug-26							
DS3980	Submit Document for System Description	6	02-Oct-25	09-Oct-25	06-Jun-26	12-Jun-26			DS3580: SS 30				
DS4010	Submit System Administration Manual	11	10-Oct-25	22-Oct-25	13-Jun-26	26-Jun-26			DS3980: FS				
DS4020	Submit Training Manual	48	23-Oct-25	18-Dec-25	27-Jun-26	22-Aug-26			DS4010: FS				
Site Installation and Testing & Commissioning		566	02-Oct-25	20-Mar-26	08-May-24	31-Oct-26	01-Apr-24						
Portion 4 - TKO-LTT (LT Interchange)		175	02-Oct-25	10-Jan-26	08-May-24	04-Sep-25	30-Jun-25						
SW1020	Inspect Civil Provisions & Submit Inspection Report	12	02-Oct-25	16-Oct-25	01-Aug-25	14-Aug-25			DS6600: FS, DS6680: FS, DS6760: FS, DS6840: FS, AC1030: SS				
SW1030	Rectify Civil Provision Defects by Others	18	17-Oct-25	07-Nov-25	15-Aug-25	04-Sep-25			SW1020: FS				
Installation Works		175	02-Oct-25	10-Jan-26	08-May-24	03-Feb-25	30-Jun-25						
SW1080	Laying of Signal Cable - the 1st Section	38	02-Oct-25	31-Dec-25	25-May-24	22-Aug-24	30-Jun-25		DS8480: FS, DS8580: FS				
SW1040	Install Cable Containments	98	27-Oct-25	19-Dec-25	14-Jun-24	07-Aug-24	25-Aug-25		DS6400: FS, DS6540: FS, SW1030: SS 8				
SW1050	Install Equipment Racks	24	02-Oct-25	10-Jan-26	08-May-24	15-Aug-24	25-Aug-25		SW1040: SS				
SW1060	Install CCTV Camera	115	02-Oct-25	10-Jan-26	24-Oct-24	03-Feb-25	25-Aug-25		DS4090: FS, DS6440: FS, SW1040: SS, SW1930: SS				
SW1070	Install Detection Camera	115	02-Oct-25	10-Jan-26	10-Oct-24	17-Jan-25	25-Aug-25		DS4490: FS, DS6440: FS, DS7500: FS, SW1040: SS, SW1930: SS				
SW1110	Install Traffic Control Devices	115	02-Oct-25	10-Jan-26	05-Aug-24	12-Nov-24	25-Aug-25		DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS, SW1930: SS				
SW1130	Install VLSL on Gantry	14	02-Oct-25	18-Oct-25	02-Sep-24	17-Sep-24			SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS 14				
SW1140	Install PVMS on Gantry	14	02-Oct-25	18-Oct-25	07-Oct-24	23-Oct-24			SC1210: FF, EM1030: FS, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS 14				
SW1170	Install Manual Barriers	24	24-Oct-25	21-Nov-25	29-Oct-24	25-Nov-24			SW1130: FS, SW1140: SS 18				
SW1090	Install Video Wall Equipment (Administration Building)	21	15-Nov-25	09-Dec-25	03-Sep-24	27-Sep-24			SC1330: FF, DS4440: FS, DS4340: FS, DS4440: FF, SW1040: SS 68, SW1930: SS 68				
Portion 1 - South Apron Up to SUS		185	02-Oct-25	28-Nov-25	12-Sep-24	31-Oct-26	24-Mar-25						
SW1210	Inspect Civil Provisions & Submit Inspection Report	12	02-Oct-25	16-Oct-25	24-Sep-26	09-Oct-26			AC1000: SS				
SW1220	Rectify Civil Provision Defects by Others	18	17-Oct-25	07-Nov-25	10-Oct-26	31-Oct-26			SW1210: FS				
Installation Works		185	02-Oct-25	28-Nov-25	12-Sep-24	08-Apr-25	24-Mar-25						
SW1230	Install Cable Containments - the 1st Section	48	02-Oct-25	31-Oct-25	12-Sep-24	12-Oct-24	24-Mar-25		SC2480: FF, DS6404: FS, DS6540: FS				
SW1260	Signal Cable Laying - the 1st Section	14	02-Oct-25	31-Oct-25	29-Oct-24	25-Nov-24	24-Mar-25		SW1230: SS				
SW1240	Install CCTV Camera	24	02-Oct-25	31-Oct-25	24-Dec-24	22-Jan-25	02-Jul-25		SC1470: FF, DS4090: FS, DS6440: FS, SW1230: SS 42				
SW1250	Install Detection Cameras	24	02-Oct-25	31-Oct-25	19-Dec-24	17-Jan-25	02-Jul-25		DS4490: FS, DS6440: FS, DS7500: FS, SW1230: SS, SW2000: SS				



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										Sep 45	Oct 46	Nov 47	Dec 48
SW1270	Install Traffic Control Devices	36	02-Oct-25	31-Oct-25	23-Jan-25	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-Oct-25	31-Oct-25	12-Sep-24	12-Oct-24	04-Jul-25		SC2480: FF, DS6404: FS, DS6540: FS, SW1230: SS				
SW1350	Signal Cable Laying - the 2nd Section	54	02-Oct-25	31-Oct-25	29-Oct-24	25-Nov-24	04-Jul-25		SW1260: SS				
SW1330	Install Manual Barriers	18	02-Oct-25	23-Oct-25	18-Mar-25	08-Apr-25			SW1300: FS, SW1310: FS				
SW1340	Laying of Leaky Cable	48	02-Oct-25	28-Nov-25	18-Nov-24	14-Jan-25			SW1320: SS 22				
SW1280	Install Equipment in Kiosk F	12	01-Nov-25	14-Nov-25	01-Mar-25	14-Mar-25			SC1080: FF, SC1330: FF, DS4340: FS, DS4440: FS, SW1240: FS, SW1250: FS, SW1230: SS 24				
SW1290	Install Radio Antenna	10	01-Nov-25	12-Nov-25	23-Jan-25	06-Feb-25			SC1990: FF, DS4390: FS, DS6160: FS, DS6520: FS, SW1240: FS, SW1230: SS 24				
Portion 2 - Tunnel Section, Service Gallery, WVB & EVB		566	02-Oct-25	20-Mar-26	17-Jul-24	31-Oct-26	01-Apr-24						
Tunnel Section		335	02-Oct-25	20-Mar-26	17-Jul-24	21-May-25	01-Nov-24						
Tunnel Section - LSCC to CP7		128	02-Oct-25	31-Dec-25	20-Sep-24	07-Apr-25	24-Mar-25						
SW3080	Inspect Civil Provisions & Submit Inspection Report	3	02-Oct-25	04-Oct-25	20-Sep-24	23-Sep-24			AC1010a: SS				
SW3090	Rectify Civil Provision Defects by Others	6	06-Oct-25	13-Oct-25	24-Sep-24	30-Sep-24			SW3080: FS				
East Bound		128	02-Oct-25	31-Dec-25	02-Oct-24	07-Apr-25	24-Mar-25						
SW2461	Signal Cable Laying and Termination (WVB to CP7) (CP Side)	12	02-Oct-25	15-Nov-25	14-Oct-24	25-Nov-24	24-Mar-25		SW1260: SS				
SW2463	Install GOFS (WVB to CP7)	12	02-Oct-25	15-Nov-25	14-Oct-24	25-Nov-24	24-Mar-25		SW2461: SS				
SW2990	Install CCTV Camera	19	02-Oct-25	31-Dec-25	04-Nov-24	04-Feb-25	15-May-25		AC1010g: SS				
SW3000	Install Detection Camera	18	02-Oct-25	31-Dec-25	21-Oct-24	17-Jan-25	15-May-25		AC1010g: SS				
SW3030	Install Traffic Control Devices	9	02-Oct-25	31-Dec-25	22-Nov-24	22-Feb-25	15-May-25		AC1010g: SS				
SW2462	Signal Cable Laying and Termination (WVB to CP7) (NCP Side)	12	02-Oct-25	15-Nov-25	14-Oct-24	25-Nov-24	27-May-25		SW2461: SS				
SW2980a	Install Cable Containment (NCP Side)	9	02-Oct-25	13-Oct-25	02-Oct-24	12-Oct-24			AC1010h: SS, AC1010h: SF				
SW3020a	Install ET (Service Gallery)	5	02-Oct-25	08-Oct-25	01-Feb-25	06-Feb-25			AC1010i: SS				
SW3050	Install PA in Service Gallery	19	02-Oct-25	24-Oct-25	15-Mar-25	07-Apr-25			AC1010i: SS				
SW3060	Install PABX in Service Gallery	19	02-Oct-25	24-Oct-25	15-Mar-25	07-Apr-25			SW3050: SS, AC1010i: SS				
SW3070	Install Radio System in Service Gallery	19	02-Oct-25	24-Oct-25	13-Jan-25	06-Feb-25			AC1010i: SS				
SW2980	Install Cable Containment (CP Side)	9	14-Oct-25	23-Oct-25	02-Oct-24	12-Oct-24			SW3090: FS, AC1010f: SS				
SW3010	Install SEC Camera	7	24-Oct-25	01-Nov-25	15-Mar-25	22-Mar-25			SW2980: FS				
SW3020	Install ET (Road Level)	5	31-Oct-25	05-Nov-25	01-Feb-25	06-Feb-25			SW2980a: FS, AC1010d: SS				
SW3040	Install VSLs (CP Side)	10	31-Oct-25	11-Nov-25	28-Jan-25	11-Feb-25			AC1010d: SS, SW2980: FS				
SW3040a	Install VSLs (NCP Side)	10	12-Nov-25	22-Nov-25	12-Feb-25	22-Feb-25			AC1010d: SS, SW3040: FS, SW2980a: FS				
West Bound		128	02-Oct-25	31-Dec-25	02-Oct-24	07-Apr-25	15-May-25						
SW3110	Install CCTV Camera	19	02-Oct-25	31-Dec-25	04-Nov-24	04-Feb-25	15-May-25		AC1010c: SS				
SW3120	Install Detection Camera	18	02-Oct-25	31-Dec-25	21-Oct-24	17-Jan-25	15-May-25		AC1010c: SS				
SW3150	Install Traffic Control Devices	9	02-Oct-25	31-Dec-25	22-Nov-24	22-Feb-25	15-May-25		AC1010c: SS				
SW3100a	Install Cable Containment (NCP Side)	9	02-Oct-25	13-Oct-25	02-Oct-24	12-Oct-24			AC1010b: SS				
SW3140a	Install ET (Service Gallery)	5	02-Oct-25	08-Oct-25	01-Feb-25	06-Feb-25			AC1010e: SS				
SW3170	Install PA in Service Gallery	19	02-Oct-25	24-Oct-25	15-Feb-25	08-Mar-25			AC1010e: SS				
SW3180	Install PABX in Service Gallery	19	02-Oct-25	24-Oct-25	15-Mar-25	07-Apr-25			AC1010e: SS				
SW3190	Install Radio System in Service Gallery	19	02-Oct-25	24-Oct-25	13-Jan-25	06-Feb-25			AC1010e: SS				
SW3100	Install Cable Containment (CP Side)	9	14-Oct-25	23-Oct-25	02-Oct-24	12-Oct-24			AC1010a: SS, SW3090: FS				
SW3130	Install SEC Camera	7	24-Oct-25	01-Nov-25	15-Mar-25	22-Mar-25			SW3100: FS				
SW3140	Install ET (Road Level)	5	31-Oct-25	05-Nov-25	01-Feb-25	06-Feb-25			AC1010d: SS				
SW3160	Install VSLs (CP Side)	10	31-Oct-25	11-Nov-25	28-Jan-25	11-Feb-25			SW3100: FS, AC1010d: SS				
SW3160a	Install VSLs (NCP Side)	10	12-Nov-25	22-Nov-25	12-Feb-25	22-Feb-25			SW3100a: FS, SW3160: FS, AC1010d: SS				
Tunnel Section - CP7 to CP11		335	02-Oct-25	20-Mar-26	06-Sep-24	21-May-25	01-Nov-24						
										Date	Revision	Checked	Approved
										30-Sep-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			
										Sep 45	Oct 46	Nov 47	Dec 48
East Bound		292	02-Oct-25	26-Jan-26	06-Sep-24	21-May-25	01-Nov-24						
CP Side		142	02-Oct-25	26-Jan-26	18-Oct-24	21-May-25	23-Jun-25						
SW4060a	TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Oct-25	31-Dec-25	11-Nov-24	21-Feb-25	23-Jun-25		SW4060: SS, SW2330a: SS				
SW2330	Install SEC Camera - CP7 to CP11	17	02-Oct-25	22-Oct-25	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-Oct-25	26-Dec-25	01-Nov-24	24-Jan-25			SW2330: SS				
SW2340b	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Oct-25	26-Dec-25	01-Nov-24	24-Jan-25			SW2340: SS, SW2330a: SS				
SW2360	Install VSLs - CP7 to CP11	13	17-Oct-25	01-Nov-25	01-Nov-24	15-Nov-24			SW2300: FS, DS2810: FS, EM1650: FS, DS8250: FS, AC1050g: SS, SW2330: SS 12				
SW2360a	VSLs - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	03-Nov-25	26-Jan-26	16-Nov-24	22-Feb-25			SW2330a: SS, SW2360: FS				
SW2330b	SEC Camera - Physical Inspection and Function Test - CP7 to CP11	50	26-Nov-25	24-Jan-26	18-Mar-25	21-May-25			SW2330a: FF 24				
SW2340c	ET - Physical Inspection and Function Test - CP7 to CP11	25	27-Dec-25	26-Jan-26	06-Mar-25	03-Apr-25			SW2340b: FS				
OHVD		231	02-Oct-25	06-Jan-26	07-Nov-24	22-Feb-25	05-Mar-25						
SW2350	Install Traffic Control Devices - CP7 to CP11	25	02-Oct-25	29-Nov-25	12-Dec-24	22-Feb-25	05-Mar-25		SW2300: FS, SC1210: SS, DS2810: FS, EM1650: FS, AC1050b: SS, DS5920: FS				
SW2350a	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	80	02-Oct-25	29-Nov-25	07-Nov-24	04-Jan-25	05-Mar-25		SW2350: SS, SW2340d: SS				
SW2310b	CCTV - Physical Inspection - CP7 to CP11	30	02-Oct-25	07-Nov-25	19-Dec-24	24-Jan-25			SW2310a: SS 45, SW2310a: FS				
SW2320b	Detection Camera - Physical Inspection - CP7 to CP11	30	02-Oct-25	07-Nov-25	12-Dec-24	17-Jan-25			SW2320a: FS				
SW4080	Install LCX Bracket - CP7 to CP11	25	02-Oct-25	01-Nov-25	25-Nov-24	23-Dec-24			AC1050b: SS				
SW2350b	Traffic Control Devices - Physical Inspection - CP7 to CP11	30	01-Dec-25	06-Jan-26	06-Jan-25	22-Feb-25			SW2350a: FS				
Service Gallery		271	02-Oct-25	31-Dec-25	06-Sep-24	08-Mar-25	01-Nov-24						
SW2370	Install PA in Service Gallery - CP7 to CP11	17	02-Oct-25	15-Nov-25	11-Jan-25	08-Mar-25	01-Nov-24		DS4240: FS, DS6480: FS, DS6120: FS, AC1050e: SS				
SW2340d	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	94	02-Oct-25	29-Nov-25	06-Sep-24	05-Nov-24	10-Jul-25		SW2340a: FS, SW2340b: SS				
SW2390	Install LCX Bracket - CP7 to CP11	61	02-Oct-25	30-Dec-25	28-Oct-24	23-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-Oct-25	13-Dec-25	26-Nov-24	20-Feb-25			SW2390: SS 25				
SW2390b	Install RAD Feeder Cable - CP7 to CP11	61	02-Oct-25	13-Dec-25	26-Nov-24	20-Feb-25			SW2390a: SS				
SW2390c	Install RAD Equipment & Coupler - CP7 to CP11	51	01-Nov-25	31-Dec-25	24-Dec-24	08-Mar-25			SW2390b: SS 24				
SW2340e	ET - Physical Inspection - CP7 to CP11	25	01-Dec-25	30-Dec-25	26-Dec-24	24-Jan-25			SW2340d: FS				
West Bound		335	02-Oct-25	20-Mar-26	06-Sep-24	21-May-25	14-Jan-25						
CP Side		168	02-Oct-25	31-Jan-26	10-Sep-24	21-May-25	15-Feb-25						
SW3240	Install ET (Road Level) - CP7 to CP11	16	02-Oct-25	29-Nov-25	27-Nov-24	24-Jan-25	15-Feb-25						
SW4100a	TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Oct-25	31-Jan-26	10-Sep-24	10-Jan-25	23-Jun-25		AC1050j: SS, SW4100: SS				
SW3230	Install SEC Camera - CP7 to CP11	17	02-Oct-25	22-Oct-25	02-Oct-24	22-Oct-24			SW3200: FS, AC1050d: SS				
SW3230a	SEC Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Oct-25	26-Dec-25	02-Oct-24	24-Dec-24			SW3230: SS				
SW3240b	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Oct-25	26-Dec-25	02-Oct-24	24-Dec-24			SW3230a: SS				
SW3260	Install VSLs - CP7 to CP11	14	02-Oct-25	18-Oct-25	24-Dec-24	10-Jan-25			SW3200: FS, AC1050g: SS, SW3210: SS 16, SW3240: SS				
SW3260a	VSLs - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	71	02-Oct-25	26-Dec-25	16-Nov-24	22-Feb-25			SW3230a: SS				
SW3230b	SEC Camera - Physical Inspection - CP7 to CP21	50	26-Nov-25	24-Jan-26	10-Jan-25	22-Mar-25			SW3230a: FF 24				
SW3240c	ET - Physical Inspection - CP7 to CP21	25	27-Dec-25	26-Jan-26	26-Dec-24	24-Jan-25			SW3240b: FS				
SW3260b	VSLs - Physical Inspection and Function Test - CP7 to CP21	26	27-Dec-25	27-Jan-26	16-Apr-25	21-May-25			SW3260a: FS				
OHVD		80	02-Oct-25	07-Jan-26	06-Sep-24	04-Jan-25							
SW3210a	CCTV - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	80	02-Oct-25	07-Jan-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-Oct-25	07-Jan-26	06-Sep-24	11-Dec-24			SW3220: FS, SW2340d: SS				
SW3250a	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	77	02-Oct-25	03-Jan-26	04-Oct-24	04-Jan-25			SW2460: SS, SW3250: SS, SW2340d: SS				



Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										Sep 45	Oct 46	Nov 47	Dec 48
Service Gallery		335	02-Oct-25	20-Mar-26	10-Sep-24	10-Mar-25	14-Jan-25						
SW3270	Install PA in Service Gallery - CP7 to CP11	17	02-Oct-25	15-Nov-25	11-Jan-25	08-Mar-25	14-Jan-25		AC1050h: SS				
SW3240d	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP11	94					10-Jul-25	30-Aug-25	SW3240a: FS, SW2340d: SS				
SW3290	Install LCX Bracket - CP7 to CP11	61	02-Oct-25	30-Dec-25	10-Sep-24	07-Dec-24	18-Aug-25		AC1050h: SS, SW3270: SS, SW3250: FS, SW3240d: SS 33				
SW3240e	ET - Physical Inspection & Functional Test - CP7 to CP11	25	02-Oct-25	01-Nov-25	26-Dec-24	24-Jan-25			SW3240d: FS				
SW3290a	Cable Test & Install LCX Cable - CP7 to CP11	61	02-Oct-25	13-Dec-25	10-Sep-24	22-Nov-24			SW3290: SS				
SW3290b	Install RAD Feeder Cable - CP7 to CP11	61	02-Oct-25	13-Dec-25	10-Sep-24	22-Nov-24			SW3290a: SS				
SW3290c	Install RAD Equipment & Coupler - CP7 to CP11	78	15-Dec-25	20-Mar-26	23-Nov-24	10-Mar-25			SW3290b: FS				
Tunnel Section - CP11 to CP16		230	02-Oct-25	29-Nov-25	04-Oct-24	08-Mar-25	06-Dec-24						
East Bound		230	02-Oct-25	29-Nov-25	04-Oct-24	08-Mar-25	06-Dec-24						
CP Side		76	02-Oct-25	29-Nov-25	27-Nov-24	03-Mar-25	15-May-25						
SW2480	Install ET (Road Level) - CP11 to CP16	16	02-Oct-25	29-Nov-25	27-Nov-24	24-Jan-25	15-May-25		SC1720: SS, DS4190: FS, DS6080: FS, DS6480: FS				
SW4160	Install SEC Camera - CP11 to CP16	17	23-Oct-25	12-Nov-25	12-Feb-25	03-Mar-25			SW2330: FS, AC1060d: SS				
SW2420	Install VLSL - CP11 to CP16	12	03-Nov-25	15-Nov-25	10-Jan-25	23-Jan-25			SW2400: FS, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, AC1060g: SS, SW2360: FS				
OHVD		23	02-Oct-25	29-Nov-25	04-Oct-24	30-Nov-24	10-Apr-25						
SW2460	Install Traffic Control Devices - CP11 to CP16	23	02-Oct-25	29-Nov-25	04-Oct-24	30-Nov-24	10-Apr-25		SC1210: SS, DS2810: FS, EM1650: FS, DS8250: FF, AC1060b: SS				
Service Gallery		17	02-Oct-25	15-Nov-25	11-Dec-24	08-Mar-25	06-Dec-24						
SW2480a	Install ET in Service Gallery - CP11 to CP16	17	02-Oct-25	15-Nov-25	11-Dec-24	24-Jan-25	06-Dec-24		AC1060e: SS				
SW2410	Install PA in Service Gallery - CP11 to CP16	17	02-Oct-25	15-Nov-25	11-Jan-25	08-Mar-25	29-Jan-25		SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1060e: SS				
West Bound		161	02-Oct-25	29-Nov-25	27-Nov-24	03-Mar-25	01-Apr-25						
CP Side		57	02-Oct-25	29-Nov-25	27-Nov-24	03-Mar-25	15-May-25						
SW3360	Install ET (Road Level) - CP11 to CP16	16	02-Oct-25	29-Nov-25	27-Nov-24	24-Jan-25	15-May-25		SW3300: FS				
SW3330	Install VLSL - CP11 to CP16	12	18-Oct-25	01-Nov-25	10-Jan-25	23-Jan-25			SW3300: SS 18, AC1060g: SS, SW3260: SS 13				
SW4210	Install SEC Camera - CP11 to CP16	17	23-Oct-25	12-Nov-25	12-Feb-25	03-Mar-25			SW3230: FS, AC1060d: SS				
OHVD		22	02-Oct-25	29-Nov-25	12-Dec-24	22-Feb-25	01-Apr-25						
SW3370	Install Traffic Control Devices - CP11 to CP16	22	02-Oct-25	29-Nov-25	12-Dec-24	22-Feb-25	01-Apr-25		SW3300: FS, AC1060b: SS, SW3250: FS				
Tunnel Section - CP16 to CP21		244	02-Oct-25	30-Dec-25	12-Sep-24	22-Mar-25	26-Dec-24						
East Bound		244	02-Oct-25	30-Dec-25	12-Sep-24	22-Mar-25	26-Dec-24						
CP Side		241	02-Oct-25	02-Dec-25	12-Sep-24	22-Mar-25	26-Dec-24						
SW2510	Install Cable Containment - CP16 to CP21	28	02-Oct-25	31-Oct-25	12-Sep-24	12-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-Oct-25	29-Nov-25	27-Nov-24	24-Jan-25	07-Aug-25		SC1720: FF, DS4190: FS, DS6080: FS, DS6480: FS				
SW4260	Install SEC Camera - CP16 to CP21	17	13-Nov-25	02-Dec-25	04-Mar-25	22-Mar-25			SW4160: FS, AC1070d: SS				
SW2520	Install VLSL - CP16 to CP21	14	17-Nov-25	02-Dec-25	24-Jan-25	22-Feb-25			SW2510: SS 12, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, AC1070g: SS, SW2420: FS				
OHVD		122	02-Oct-25	30-Dec-25	26-Sep-24	22-Feb-25	30-May-25						
SW2540	Install Traffic Control Devices - CP16 to CP21	31	02-Oct-25	29-Nov-25	12-Dec-24	22-Feb-25	30-May-25		SW2510: SS, SC1210: SS, DS2810: FS, EM1650: FS, DS8250: FS, AC1070b: SS, SW2460: SS				
SW2550	Install CCTV Camera - CP16 to CP21	23					30-May-25	30-Aug-25	SC1470: SS, DS4090: FS, DS6440: FS, AC1070b: SS, SW2430: FS				
SW4270	Install LCX Bracket - CP18 to CP21	26	02-Oct-25	30-Dec-25	26-Sep-24	23-Dec-24	30-Aug-25		SW4170: FS, AC1070b: SS				
 Remaining Work Critical Activity Actual Work ◆ ◆ Milestone										Date	Revision	Checked	Approved
										30-Sep-25	Rev. 0	MY	
										Page 7 of 12			

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025			
										Sep 45	Oct 46	Nov 47	Dec 48
	Service Gallery	17	02-Oct-25	15-Nov-25	11-Dec-24	08-Mar-25	25-Feb-25						
SW2530	Install PA in Service Gallery - CP16 to CP21	17	02-Oct-25	15-Nov-25	11-Jan-25	08-Mar-25	25-Feb-25		SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1070e: SS				
SW2590a	Install ET in Service Gallery - CP16 to CP21	17	02-Oct-25	15-Nov-25	11-Dec-24	24-Jan-25	26-Feb-25		AC1070e: SS				
West Bound		244	02-Oct-25	30-Dec-25	26-Sep-24	22-Mar-25	26-Feb-25						
CP Side		72	02-Oct-25	02-Dec-25	27-Nov-24	22-Mar-25	07-Aug-25						
SW3470	Install ET (Road Level) - CP16 to CP21	70	02-Oct-25	29-Nov-25	27-Nov-24	24-Jan-25	07-Aug-25		SW3360: SS, AC1070j: SS				
SW3440	Install VSLS - CP16 to CP21	14	03-Nov-25	18-Nov-25	24-Jan-25	22-Feb-25			SW3410: SS 12, AC1070g: SS, SW3330: FS				
SW4310	Install SEC Camera - CP16 to CP21	17	13-Nov-25	02-Dec-25	04-Mar-25	22-Mar-25			SW4210: FS, AC1070d: SS				
OHVD		122	02-Oct-25	30-Dec-25	26-Sep-24	22-Feb-25	30-May-25						
SW3420	Install CCTV Camera - CP16 to CP21	23	02-Oct-25	29-Nov-25	27-Nov-24	24-Jan-25	30-May-25		AC1070b: SS, SW3310: FS				
SW3480	Install Traffic Control Devices - CP16 to CP21	31	02-Oct-25	29-Nov-25	12-Dec-24	22-Feb-25	30-May-25		SW3410: FS, AC1070b: SS				
SW4320	Install LCX Bracket - CP18 to CP21	26	02-Oct-25	30-Dec-25	26-Sep-24	23-Dec-24	30-Aug-25		AC1070b: SS				
Service Gallery		17	02-Oct-25	15-Nov-25	11-Dec-24	08-Mar-25	26-Feb-25						
SW3450	Install PA in Service Gallery - CP16 to CP21	17	02-Oct-25	15-Nov-25	11-Jan-25	08-Mar-25	26-Feb-25		AC1070h: SS				
SW3470a	Install ET in Service Gallery - CP16 to CP21	17	02-Oct-25	15-Nov-25	11-Dec-24	24-Jan-25	26-Feb-25		AC1070h: SS				
Tunnel Section - CP21 to CP26		112	02-Oct-25	13-Feb-26	17-Jul-24	21-May-25							
SW2920	Inspect Civil Provisions & Submit Inspection Report	3	31-Oct-25	03-Nov-25	17-Jul-24	19-Jul-24			AC1080a: SS				
SW2930	Rectify Civil Provision Defects by Others	6	04-Nov-25	10-Nov-25	20-Jul-24	26-Jul-24			SW2920: FS				
East Bound		80	11-Nov-25	13-Feb-26	27-Jul-24	21-May-25							
East Bound - Tunnel Section - CP21 to CP24		67	11-Nov-25	29-Jan-26	27-Jul-24	21-May-25							
SW3960	Install Cable Containment (CP Side)	15	11-Nov-25	27-Nov-25	27-Jul-24	13-Aug-24			SW2930: FS				
SW3980	Install PA in Service Gallery	51	25-Nov-25	24-Jan-26	06-Jan-25	08-Mar-25			AC1080j: SS, SW4040a: SS				
SW4010	Install PABX in Service Gallery	15	25-Nov-25	11-Dec-25	20-Mar-25	07-Apr-25			AC1080j: SS, SW4040a: SS				
SW4020	Install Radio System in Service Gallery	15	25-Nov-25	11-Dec-25	17-Jan-25	06-Feb-25			AC1080j: SS, SW4040a: SS				
SW4040a	Install ET (Service Gallery)	51	25-Nov-25	24-Jan-26	04-Dec-24	06-Feb-25			AC1080j: SS, SW3960: SS 12				
SW3960a	Install Cable Containment (NCP Side)	15	28-Nov-25	15-Dec-25	14-Aug-24	30-Aug-24			SW3960: FS				
SW3970	Install VSLS (CP Side)	11	28-Nov-25	10-Dec-25	25-Jan-25	10-Feb-25			SW3960: FS, SW3960: FF				
SW4050	Install SEC Camera	11	28-Nov-25	10-Dec-25	09-May-25	21-May-25			SW3960: FS				
SW3970a	Install VSLS (NCP Side)	11	16-Dec-25	29-Dec-25	11-Feb-25	22-Feb-25			SW3970: FS, SW3960a: FS				
SW4040	Install ET (Road Level)	37	16-Dec-25	29-Jan-26	26-Sep-24	09-Nov-24			SW3960a: FS, SW3960: FS				
East Bound - Tunnel Section - CP24 to CP26		80	11-Nov-25	13-Feb-26	04-Sep-24	22-Mar-25							
SW2600	Install Cable Containment (CP Side)	9	11-Nov-25	20-Nov-25	04-Sep-24	13-Sep-24			SC2480: FF, SW2930: FS, DS6404: FS, DS6540: FS				
SW2600a	Install Cable Containment (NCP Side)	9	21-Nov-25	01-Dec-25	14-Sep-24	25-Sep-24			SW2600: FS				
SW2610	Install VSLS (CP Side)	7	21-Nov-25	28-Nov-25	07-Feb-25	14-Feb-25			SW2600: FS, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW2600: FF				
SW2630	Install Traffic Control Devices	7	21-Nov-25	28-Nov-25	17-Sep-24	25-Sep-24			SW2600: FS, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS				
SW2640	Install CCTV Camera	7	21-Nov-25	28-Nov-25	17-Sep-24	25-Sep-24			SC1470: FF, DS4090: FS, DS6440: FS, SW2600: FS				
SW2670	Install Detection Camera	7	21-Nov-25	28-Nov-25	17-Sep-24	25-Sep-24			SC2120: FF, DS4490: FS, DS6440: FS, DS7500: FS, SW2600: FS				
SW2690	Install SEC Camera	7	21-Nov-25	28-Nov-25	15-Mar-25	22-Mar-25			SC2390: FF, EM1130: FS, DS6320: FS, DS7410: FS, SW2600: FS				
SW2610a	Install VSLS (NCP Side)	7	02-Dec-25	09-Dec-25	15-Feb-25	22-Feb-25			SW2610: FS, SW2600a: FS				
SW2680	Install ET (Road Level)	4	02-Dec-25	05-Dec-25	03-Feb-25	06-Feb-25			SC1720: FF, DS4190: FS, DS6080: FS, DS6480: FS, SW2600a: FS				
SW2700	Install GOFS (CP21 to CP26)	50	16-Dec-25	13-Feb-26	15-Jan-25	17-Mar-25			SC2570: FF, DS8560: FS, SW2600a: FS, SW2710: SS				

Date

30-Sep-25

Revision

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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			
										Sep 45	Oct 46	Nov 47	Dec 48
	SW2710	Signal Cable Laying and Termination (CP21 to CP26) (CP Side)	50	16-Dec-25	13-Feb-26	26-Sep-24	25-Nov-24		SW2600: FS, SC2480: FF, SW2640: FS, SW2670: FS, SW2630: FS, SW4040: SS				
	SW2710a	Signal Cable Laying and Termination (CP21 to CP26) (NCP Side)	50	16-Dec-25	13-Feb-26	26-Sep-24	25-Nov-24		SW2600a: FS, SW2710: SS				
West Bound		112	02-Oct-25	13-Feb-26	09-Aug-24	07-Apr-25							
	SW3620	Inspect Civil Provisions & Submit Inspection Report	3	02-Oct-25	04-Oct-25	09-Aug-24	12-Aug-24		AC1080c: SS				
	SW3630	Rectify Civil Provision Defects by Others	6	06-Oct-25	13-Oct-25	13-Aug-24	19-Aug-24		SW3620: FS				
West Bound - Tunnel Section - CP21 to CP24		43	02-Oct-25	22-Nov-25	20-Aug-24	07-Apr-25							
	SW3540	Install PA in Service Gallery	15	02-Oct-25	20-Oct-25	20-Feb-25	08-Mar-25		AC1080e: SS				
	SW3550	Install PABX in Service Gallery	15	02-Oct-25	20-Oct-25	20-Mar-25	07-Apr-25		AC1080e: SS				
	SW3560	Install ET (Road Level)	8	02-Oct-25	11-Oct-25	25-Jan-25	06-Feb-25		AC1080i: SS				
	SW3560a	Install ET (Service Gallery)	8	02-Oct-25	11-Oct-25	25-Jan-25	06-Feb-25		AC1080e: SS				
	SW3580	Install Radio System in Service Gallery	15	02-Oct-25	20-Oct-25	17-Jan-25	06-Feb-25		AC1080e: SS				
	SW3500	Install Cable Containment (CP Side)	15	14-Oct-25	31-Oct-25	20-Aug-24	05-Sep-24		SW3630: FS				
	SW3530	Install VLSL (CP Side)	11	28-Oct-25	10-Nov-25	25-Jan-25	10-Feb-25		SW3500: SS 12, AC1080h: SS				
	SW3500a	Install Cable Containment (NCP Side)	15	01-Nov-25	18-Nov-25	06-Sep-24	24-Sep-24		SW3500: FS				
	SW3510	Install CCTV Camera	11	01-Nov-25	13-Nov-25	11-Sep-24	24-Sep-24		SW3500: FS				
	SW3520	Install Detection Camera	11	01-Nov-25	13-Nov-25	11-Sep-24	24-Sep-24		SW3500: FS				
	SW3590	Install SEC Camera	11	01-Nov-25	13-Nov-25	11-Mar-25	22-Mar-25		SW3500: FS				
	SW3570	Install Traffic Control Devices	11	05-Nov-25	17-Nov-25	11-Sep-24	24-Sep-24		SW3500: SS 18, SW3500: FS				
	SW3530a	Install VLSL (NCP Side)	11	11-Nov-25	22-Nov-25	11-Feb-25	22-Feb-25		SW3530: FS, AC1080h: SS				
West Bound - Tunnel Section - CP24 to CP26		89	31-Oct-25	13-Feb-26	09-Aug-24	07-Apr-25							
	SW3640	Install Cable Containment (CP Side)	9	31-Oct-25	10-Nov-25	09-Aug-24	19-Aug-24		AC1080f: SS				
	SW3640a	Install Cable Containment (NCP Side)	9	11-Nov-25	20-Nov-25	20-Aug-24	29-Aug-24		SW3640: FS				
	SW3730	Install SEC Camera	7	11-Nov-25	18-Nov-25	15-Mar-25	22-Mar-25		SW3640: FS				
	SW3670	Install VLSL (CP Side)	7	14-Nov-25	21-Nov-25	07-Feb-25	14-Feb-25		SW3640: SS 12				
	SW3670a	Install VLSL (NCP Side)	7	22-Nov-25	29-Nov-25	15-Feb-25	22-Feb-25		SW3640a: FS, SW3670: FS				
	SW3680	Install PA in Service Gallery	51	15-Dec-25	13-Feb-26	06-Jan-25	08-Mar-25		AC1080g: SS, SW3700a: SS				
	SW3690	Install PABX in Service Gallery	9	15-Dec-25	24-Dec-25	27-Mar-25	07-Apr-25		AC1080g: SS, SW3700a: SS				
	SW3700	Install ET (Road Level)	38	15-Dec-25	29-Jan-26	30-Aug-24	16-Oct-24		SW3640a: FS, SW3700a: SS				
	SW3700a	Install ET (Service Gallery)	51	15-Dec-25	13-Feb-26	30-Aug-24	31-Oct-24		AC1080g: SS, SW3640a: FS, SW3960a: SS 14				
	SW3720	Install Radio System in Service Gallery	9	15-Dec-25	24-Dec-25	24-Jan-25	06-Feb-25		AC1080g: SS, SW3700a: SS				
Tunnel Section - CP26 to CP32		38	31-Oct-25	13-Dec-25	02-Sep-24	22-Mar-25							
	SW2940	Inspect Civil Provisions & Submit Inspection Report	1	31-Oct-25	31-Oct-25	02-Sep-24	02-Sep-24		AC1090e: SS				
	SW2950	Rectify Civil Provision Defects by Others	4	01-Nov-25	05-Nov-25	03-Sep-24	06-Sep-24		SW2940: FS				
East Bound		38	31-Oct-25	13-Dec-25	12-Sep-24	22-Mar-25							
East Bound - Tunnel Section - CP29 to CP32 (CKL Main Tunnel)		38	31-Oct-25	13-Dec-25	12-Sep-24	22-Mar-25							
	SW2740a	Install PA in Service Gallery	10	31-Oct-25	11-Nov-25	04-Jan-25	15-Jan-25		SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1090f: SS				
	SW2820c	Install ET (Service Gallery)	6	31-Oct-25	06-Nov-25	28-Jan-25	06-Feb-25		AC1090f: SS				
	SW2720b	Install Cable Containment (CP Side)	12	06-Nov-25	19-Nov-25	12-Sep-24	26-Sep-24		SC2480: FF, SW2950: FS, DS6404: FS, DS6540: FS, AC1090e: SS				
	SW2770a	Install PABX in Service Gallery	11	11-Nov-25	22-Nov-25	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	18-Nov-25	29-Nov-25	22-Jan-25	06-Feb-25		SW2770a: SS 6, SC1990: FF, DS4390: FS, DS6520: FS, AC1090f: SS				
	SW2720c	Install Cable Containment (NCP Side)	12	20-Nov-25	03-Dec-25	27-Sep-24	12-Oct-24		SW2720b: FS				
	SW2730b	Install VLSL (CP Side)	7	20-Nov-25	27-Nov-25	07-Feb-25	14-Feb-25		SW2720b: FS, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS				



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Activity ID		Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details	2025					
											Sep 45	Oct 46	Nov 47	Dec 48		
	SW1680	Install Manual Fallback Control Equipment	24	18-Oct-25	15-Nov-25	29-Oct-24	25-Nov-24			SC2240: FF, DS6240: FS, DS7370: FS, DS8310: FS, SW1700: SS, EM1110: FS						
	SW1700	Install Operation Facilities Equipment	14	18-Oct-25	04-Nov-25	15-Oct-24	30-Oct-24			SC2680: FF, EM1120: FS, SW1730: FS 1						
	SW1710b	Install LCX Cable	28	08-Dec-25	10-Jan-26	27-Nov-24	30-Dec-24			SW1710a: FS, DS3790: FS 5						
	East Ventilation Building		130	02-Oct-25	09-Jan-26	11-Sep-24	31-Oct-26	23-Jun-25								
	SW2960	Inspect Civil Provisions & Submit Inspection Report	12	02-Oct-25	16-Oct-25	24-Sep-26	09-Oct-26			AC1010: SS, KD1010: FS						
	SW2970	Rectify Civil Provision Defects by Others	18	17-Oct-25	07-Nov-25	10-Oct-26	31-Oct-26			SW2960: FS						
	Installation Works		130	02-Oct-25	09-Jan-26	11-Sep-24	06-Feb-25	23-Jun-25								
	SW1750	Install Cable Containments	24	02-Oct-25	15-Oct-25	11-Sep-24	24-Sep-24	23-Jun-25			SC2480: FF, DS6400: FS, DS6540: FS					
	SW1790	Install PABX Equipment	20					23-Jun-25	30-Sep-25	SC1590: SS, DS4140: FS, DS6040: FS, DS6480: FS, SW1750: SS						
	SW1820	Install PA Equipment	12					23-Jun-25	30-Sep-25	SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS						
	SW1830	Install ET Equipment	12	02-Oct-25	16-Oct-25	25-Oct-24	07-Nov-24			SC1720: FF, DS4190: FS, DS6080: FS, DS6480: FS, SW1820: SS						
	SW1810	Install Radio Equipment	12	09-Oct-25	22-Oct-25	21-Jan-25	06-Feb-25			SC1990: FF, DS4390: FS, DS6160: FS, DS6520: FS, SW1790: FS						
	SW1760	Position Equipment Rack	12	16-Oct-25	30-Oct-25	25-Sep-24	09-Oct-24			SW1750: FS						
	SW1770	Install Network Equipment	36	16-Oct-25	27-Nov-25	25-Sep-24	07-Nov-24			SC1330: FF, DS4340: FS, DS4440: FS, SW1760: SS						
	SW1780	Install Manual Fallback Control Equipment	24	23-Oct-25	20-Nov-25	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	05-Dec-25	20-Dec-25	23-Oct-24	07-Nov-24			SC2680: FF, DS6280: FS, SW1770: SS, EM1120: FS						
	SW1840	Signal Cable Laying	15	22-Dec-25	09-Jan-26	08-Nov-24	25-Nov-24			SW1770: FS, SW1780: FS, SW1800: FS, SW1820: FS, SW1830: FS, SW1790: FS						
	Portion 3 - CKL Branch Tunnel in TKO-LTT Site			85	02-Oct-25	13-Jan-26	12-Sep-24	19-Jun-25								
	SW1850	Inspect Civil Provisions & Submit Inspection Report	3	02-Oct-25	04-Oct-25	12-Sep-24	14-Sep-24			AC1020: SS						
	SW1860	Rectify Civil Provision Defects by Others	7	06-Oct-25	14-Oct-25	16-Sep-24	24-Sep-24			SW1850: FS						
	Installation Works		63	15-Oct-25	29-Dec-25	25-Sep-24	22-Feb-25									
	SW1890	Install Cable Containments	36	15-Oct-25	26-Nov-25	25-Sep-24	07-Nov-24			SC2480: FF, DS6404: FS, DS6540: FS, SW1860: FS						
	SW1910	Laying of Leaky Cable	51	15-Oct-25	13-Dec-25	04-Dec-24	06-Feb-25			SW1890: SS						
	SW1920	Signal Cable Laying	51	15-Oct-25	13-Dec-25	25-Sep-24	25-Nov-24			SW1890: SS						
	SW1870	Install CCTV Camera	51	30-Oct-25	29-Dec-25	18-Nov-24	17-Jan-25			SC1470: FF, DS4090: FS, DS6440: FS, SW1860: FS, SW1890: SS 12, SW1920: SS 12						
	SW1880	Install Detection Camera	51	30-Oct-25	29-Dec-25	18-Nov-24	17-Jan-25			SC2120: FF, DS4490: FS, DS6440: FS, DS7500: FS, SW1860: FS, SW1870: SS						
	SW1900	Install Traffic Control Devices	51	30-Oct-25	29-Dec-25	20-Dec-24	22-Feb-25			SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW1870: SS, SW2220: SS						
	Site Commissioning Test		33	06-Nov-25	13-Dec-25	27-Mar-25	02-May-25									
	TC1370	SCT of ET System	10	06-Nov-25	17-Nov-25	21-Apr-25	02-May-25			SC1750: FF, DS8960: FS, SW1920: SS 18, SW1910: SS 18, SW2250: SS 18, SW2240: SS 18						
	TC1380	SCT of Power Distribution System	15	27-Nov-25	13-Dec-25	27-Mar-25	14-Apr-25			SC2500: FF, SW1890: FS, SW1910: SS 28, SW2230: FS, SW2240: SS 24, DS9040: FS						
	Submit Site Commissioning Test Report			47	18-Nov-25	13-Jan-26	22-May-25	19-Jun-25								



GTECH Services (Hong Kong) Limited

Remaining Work

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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			
										Sep	Oct	Nov	Dec
										45	46	47	48
	DS5160	Submit ET System SCT Test Report	24	18-Nov-25	15-Dec-25	22-May-25	19-Jun-25			TC1370: FS			
	DS5190	Submit Power Distribution System SCT Test Report	24	15-Dec-25	13-Jan-26	22-May-25	19-Jun-25			TC1380: FS			



APPENDIX O
WASTE GENERATED IN THE
REPORTING MONTH



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

Name of Department: CEDD

Monthly Summary Waste Flow Table for 2025 (KT)

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	a.Total Quantity Generated (a=c+d+e)	b. Hard Rock and Large Broken Concrete	c. Reused in the Contract	d. Reused in Other Projects	e. Disposed as Public Fill	f. Imported Fill	g. Metals	h. Paper / Cardboard Packaging	i. Plastics	j. Chemical Waste	k. Others, e.g. general refuse
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ³)
January	0.007	0.000	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.061
February	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.041
March	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
Sub-total	22.190	0.000	0.007	22.147	0.036	0.000	0.000	0.000	0.000	0.000	0.305
July	20.099	0.051	0.000	19.792	0.307	0.000	0.000	0.000	0.000	0.000	0.066
August	11.211	0.203	0.000	10.639	0.572	0.000	0.000	0.000	0.000	0.000	0.068
September	8.292	0.010	0.000	6.905	1.387	0.000	0.000	0.000	0.000	0.000	0.068
October											
November											
December											
Total	61.793	0.264	0.007	59.483	2.302	0.000	0.000	0.000	0.000	0.000	0.508

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 '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(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
Sub-total	0	0	0	0	0	0	0	0	0	0	0	0	0	0.84
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														
Nov-25														
Dec-25														
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	2.21

- 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.