Date: 15 September 2025
Your ref:
Our ref: PL-202509018

Architectural Services Department
40/F, Queensway Government offices
66 Queensway, Hong Kong

**Attn: Mr. Vincent Kwok**

Dear Mr. Kwok,

**Re: Contract No. SS K/509**
**Provision of Independent Environmental Checker Consultancy for Design and Construction of Kong Nga Po Police Training Facilities**
**Verification of Monthly EM&A Report (August 2025)**

Reference is made to the monthly EM&A report (August 2025) provided by ET via email on 11 September 2025 and subsequent revision (Version 1.1) submitted on 12 September 2025.

Please be informed that we have no adverse comments on the EM&A report (Version 1.1). We hereby verify the submission is in accordance with Condition 3.1 of Environmental Permit No. FEP-01/510/2016.

Thank you for your attention.

Yours sincerely,
For and on behalf of
Acuity Sustainability Consulting Limited

Ir Y.H .LAW
Independent Environmental Checker

c.c. Ka Shing Management Consultancy Ltd.

Acuity Sustainability Consulting Limited
Unit 1608, 16/F, Tower 2, Manulife Financial Centre,
223 – 231 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong

tel +852 3664 6888
fax +852 3664 6999
http www.aurecongroup.com

# Provision of Environmental Team consultancy for Design and Construction of Kong Nga Po Police Training Facilities (Programme No. 279LP)

# Monthly Environmental Monitoring and Audit Report for August 2025 (Version 1.1)



**Ka Shing Management Consultancy Ltd. www.ka-shign.net**
Unit 2, 13/F Kai Yue Commercial Building, 2C Argyle St,
Mong Kok, Kowloon

Our ref: 12-9-2025

12-9-2025

By email: kwokhw@archsd.gov.hk

Architectural Services Department
40/F, High Block, Queensway Government Offices,
66 Queensway, Hong Kong
(Attn: Mr. Vincent Kwok)

Dear Mr. Kwok,

**Re: Quotation No. PMB202/8480/2022/A01/A**
**Provision of Environmental Team consultancy for Design and Construction of Kong Nga Po Police Training Facilities (Programme no. 279LP)**
**-Submission of the monthly EM&A report in August 2025**

We refer to the Environmental Permit No. FEP-01/510/2016 for the captioned project.

Subject to the accuracy and authenticity of all the information provided to us, we hereby certify, in accordance with Conditions 3.4 of Environmental Permit No. FEP-01/510/2016, that the information is a representation of what it signifies.

Thank you very much for your attention and please feel free to contact Mr. Lee at 9382 4204 should you require further information.

Yours faithfully,

For and on behalf of
Ka Shing Management Consultant Limited

Mr. W. H. Lee
Environmental Team Leader

cc Acuity Sustainability Consulting Limited — Mr. Law — By email: Law.Law@aurecongroup.com
China State Joint Venture — Ms. Marian Kong — By email: malai.kong@cohl.com

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## EXECUTIVE SUMMARY

### Introduction

E1. This document represents the 29th monthly report detailing the Environmental Monitoring and Audit (EM&A) activities for the Kong Nga Po Police Facilities Project, which operates under Environmental Permit No. FEP-01/510/2016. This report was prepared by Ka Shing Management Consultancy Ltd. (Ka Shing) under "Service Contract Quotation No. PMB202/8480/2022/A01/A Provision of Environmental Team consultancy for Design and Construction of Kong Nga Po Police Training Facilities" (hereinafter called the "Service Contract"). The report encapsulates the EM&A activities and findings carried out between the 1st and 31st of August 2025.

E2. On the 23rd of December 2022, a section of the construction site was transferred to the Architectural Services Department (ArchSD), which assumed responsibility for the building's construction. Furthermore, ArchSD has taken on the role of maintenance agent for the Hong Kong Police Force (HKPF) throughout the operational phase.

E3. In the month covered by this report, the Project of Police Facilities at Kong Nga Po, which operates under Environmental Permit No. FEP-01/510/2016, engaged in the following contractual work: Contract No. SSK509, which encompasses the design and construction of the Kong Nga Po Police Training Facilities.

### Environmental Monitoring and Audit Progress

E4. A summary of the EM&A activities in this reporting month is listed in **Table I** below:

Table I Summary Table for EM&A Activities in the Reporting Month

| **EM&A Activities** | **Date** |
|---|---|
| Noise Monitoring | 6, 12, 18, 29 August 2025 |
| Air Quality Monitoring | 6, 12, 18, 23, 29 August 2025 |
| Environmental Site Inspection | 6, 12, 18, 29 August 2025 |
| Ecological Monitoring | 29, 30 August 2025 |
| Landscape & Visual Inspection | 6, 12, 18, 29 August 2025 |

### Breaches of Action and Limit Levels

E5. Summary of the environmental exceedances of the reporting month is tabulated in **Table II**.

### Construction Noise

E6. During the reporting month, the planned noise monitoring for construction took place as scheduled, with no recorded incidents of the Action/Limit Levels being exceeded.

**Air Quality**

E7. Throughout the reporting period, all planned air quality monitoring associated with construction was executed, and there were no recorded instances where the Action/Limit Levels were surpassed.

Table II Summary Table for Events Recorded in the Reporting Month

| Environmental Monitoring | Parameter | No. of Non-Project related Exceedances | | No. of Exceedance related to the Construction Works of the Contract | | Action Taken |
|---|---|---|---|---|---|---|
| | | Action Level | Limit Level | Action Level | Limit Level | |
| Noise | $L_{eq(30min)}$ | 0 | 0 | 0 | 0 | N/A |
| Air Quality | 1-hr TSP | 0 | 0 | 0 | 0 | N/A |

**Ecological Monitoring**

E8. The ecological monitoring slated for the reporting month was conducted according to schedule. Details of the findings from this ecological monitoring for the respective period are available in **Appendix H.**

**Environmental Non-Compliance**

E9. During the reporting month, no environmental compliance violations were documented.

**Environmental Complaint**

E10. No environmental complaints were recorded during the reporting period. In the event of any complaints, they would be documented in the Complaint Log found in **Appendix M**.

**Notification of Summons and Successful Prosecutions**

E11. Throughout the month covered in this report, there were no instances of receiving notifications regarding summons or confirmations of successful prosecutions.

**Reporting Changes**

E12. On the 23rd of December 2022, a section of the construction site was handed over to the Architectural Services Department (ArchSD). ArchSD has taken on the task of overseeing the construction activities for the building. This Monthly Environmental Monitoring and Audit (EM&A) Report offers a summary of the site operations and the status of the environmental safeguards being implemented under the contract with ArchSD.

**Future Key Issues**

E13. The major site activities for the coming three months include:

1. Open cut excavation
2. Removal of soil

3. Construction of footings
4. Construction of substructure and superstructure
5. Construction of footbridge
6. Construction of fence wall and boundary wall
7. Installation of structural steelworks for 300m baffle range
8. Backfilling
9. U.U. Lead in and Pipe Duct Connection

E14. The aforementioned construction activities could potentially lead to environmental impacts, with the primary concerns centered around construction dust, noise, water quality, and waste management. For detailed information, please refer to **Appendix A** regarding the anticipated major impacts from the construction works and corresponding recommended mitigation measures.

# 1 INTRODUCTION

1.1 The Architectural Services Department (ASD) has commissioned Ka Shing Management Consultancy Ltd. (Ka Shing) as the Environmental Team (ET) to conduct the Environmental Monitoring and Audit (EM&A) activities for the Kong Nga Po Police Facilities Project, as dictated by Environmental Permit No. FEP-01/510/2016.

1.2 The main construction activities for the Project began on the 3rd of July, 2020, and the primary location at Kong Nga Po was handed over to the Architectural Services Department (ASD) on the 23rd of December, 2022. The ASD has assumed control over the building construction tasks and will serve as the maintenance representative for the Hong Kong Police Force (HKPF) once the project is operational.

**Purpose of the report**

1.3 This document constitutes the 29th EM&A Report, offering a consolidated overview of the monitoring outcomes for impacts and the audit results from the EM&A program over the reporting interval spanning from the 1st and 31st of August 2025.

**Structure of the report**

1.4 The structure of the report is as follows:

Section 1: Introduction
Section 2: Project Information
Section 3: Noise Monitoring
Section 4: Air Quality Monitoring
Section 5: Landscape and Visual Monitoring
Section 6: Ecological Monitoring
Section 7: Environmental Site Inspection.
Section 8: Environmental Non-conformance
Section 9: Future Key Issues
Section 10: Conclusions and Recommendations

# 2 PROJECT INFORMATION

## Background

2.1 The Project mainly includes construction and operation of various police facilities. The police facilities include:

(i) a helipad;

(ii) two firing ranges; and

(iii) other facilities, associated infrastructure & utilities, etc.

2.2 The Project falls under the category of a Designated Project as defined by the Environmental Impact Assessment Ordinance (EIAO). In October 2016, an Environmental Impact Assessment (EIA) Report (Report No.: AEIAR-201/2016) was approved for the Project in accordance with the EIA Study Brief (No. ESB-276/2014) and the Technical Memorandum on Environmental Impact Assessment Process (EIAO-TM). The corresponding Environmental Permit (EP no.: FEP-01/510/2016) was issued by the Director of Environmental Protection (DEP).

2.3 As per the approved Environmental Monitoring and Audit (EM&A) Manual, a comprehensive air quality and noise monitoring program is recommended during the construction phases of the Project to assess and monitor potential dust and noise nuisances. Prior to the commencement of the Project's construction works, baseline air quality and noise monitoring were conducted by the previous Environmental Team (Wellab Limited) from 14th March, 2020, to 2nd April, 2020, to establish the pre-existing conditions at designated sensitive receivers.

2.4 **Figure 1** displays the site layout plan for the Project.

## Project Organization

2.5 Various stakeholders with varying degrees of participation are part of the Project's organizational structure under Environmental Permit number: FEP-01/510/2016, which includes:

Project Proponent – Architectural Services Department (ArchSD)

Contractor– China State JV

Environmental Team (ET) – Ka Shing Management Consultancy Ltd.

Independent Environmental Checker (IEC) – Acuity Sustainability Consulting Limited

2.6 **Table 2.1** summarizes the contact information for key personnel associated with Quotation No. PMB202/8480/2022/A01/A and additional contacts linked with the ArchSD Contract No. SSK509.

Table 2.1 Key Contacts of the Project

| Party | Role | Contact Person | Phone No. | Fax No. |
|---|---|---|---|---|
| Architectural Services Department | Project Proponent | Mr. Vincent Kwok | 2867 3939 | 3542 5223 |

| | | | | |
|---|---|---|---|---|
| Contractor (China State JV) | Site Agent | Mr. Kelvin Chan | 6272 8828 | 2866 6325 |
| | Environmental Officer | Ms. Marian Kong | 6174 9735 | |
| | | Mr. LuLu Mar | 5998 8852 | |
| Ka Shing Management Consultancy Ltd. | ETL | Mr. W.H. Lee | 2618 2166 | 2120 7752 |
| Acuity Sustainability Consulting Limited | IEC | Ir. Y.H. Law | 2698 6833 | 2698 9383 |

**Summary of Construction Works Undertaken During Reporting Month**

2.7 Significant site activities conducted on-site during the reporting month comprised:

1. Open cut excavation
2. Removal of soil
3. Construction of footings
4. Construction of substructure and superstructure
5. Construction of footbridge
6. Construction of fence wall and boundary wall
7. Backfilling
8. U.U. Lead in and Pipe Duct Connection

**Construction Programme**

2.8 **Appendix A** contains a version of the Contractors' construction schedules. The primary site activities planned by the Contractor for the upcoming three months have been examined. In **Appendix O**, the expected environmental impacts' potential severity and the deployment of equipment have been evaluated. This appendix additionally provides the Contractor with recommendations and insights on alternative approaches aimed at raising environmental consciousness, refining practices on the construction site, and fostering environmental improvements.

2.9 **Table 2.2** presents a consolidated overview of the pertinent environmental protection permits, licenses, and/or notifications associated with this Project.

Table 2.2 Status of Environmental Licences, Notifications and Permits

| **Permit / Licence No.** | **Valid Period** | | **Status** |
|---|---|---|---|
| | **From** | **To** | |
| **Further Environmental Permit (FEP)** | | | |
| FEP-01/510/2016 | N/A | N/A | Valid |
| **Construction Noise Permit (CNP)** | | | |
| GW-RN0450-25 | 10-05-2025 | 09-08-2025 | Expired |
| GW-RN0912-25 (Renewal) | 10-08-2025 | 09-11-2025 | Valid |
| **Notification pursuant to Air Pollution Control (Construction Dust) Regulation** | | | |

| | | | |
|---|---|---|---|
| EPD Ref no.: 487864 | N/A | N/A | N/A |
| **Billing Account for Construction Waste Disposal** | | | |
| Account No. 7046289 | 18-01-2023 | N/A | Valid |
| **Registration of Chemical Waste Producer** | | | |
| WPN5213-641-C4770-01 | 18-01-2023 | N/A | Valid |
| **Effluent Discharge Licence under Water Pollution Control Ordinance** | | | |
| WT00043663-2023 | 21-04-2023 | 30-04-2028 | Valid |

**Summary of EM&A Requirement**

2.10 The Environmental Monitoring and Audit (EM&A) program includes the monitoring of construction noise, air quality, ecological conditions, and regular environmental site audits. The specific requirements for the EM&A program are outlined in the following sections:

- Environmental requirements in contract documents;
- Event / Action Plans;
- Environmental mitigation measures, as recommended in the Project EIA study final report;
- All monitoring parameters; and
- Action and Limit levels for all environmental parameters.

**Status of Compliance with Environmental Permits Conditions**

2.11 **Table 2.3** provides a summary of the adherence to Environmental Permit (EP) No. FEP-01/510/2016 and the necessary submissions connected to this Project as stipulated by the EP.

Table 2.3 Summary Table for Status of Compliance / Required Submission under FEP No. FEP-01/510/2016

| FEP Conditions | Submission | Submission Date | Approval Status |
|---|---|---|---|
| 1.12 | Commencement date of construction of the Project | 30/3/2023 | * |
| 2.7 | Proposal on the Reporting Mechanism and Curriculum Vitae of the IEC | 20/3/2023 | * |
| 2.10 | The date of setting up the Community Liaison Hotline and the contact details | 27/2/2023 | * |
| 2.11 | Management Organization of Main Construction Companies, at least an organization chart, names of responsible persons and their contact details | 10/3/2023 | * |
| 2.12 | Construction Works Schedule and Location Plans | 10/3/2023 | * |
| 2.13 | Layout plan for permeable pavings. | Submitted to EPD on 29/3/2023. Supplementary information submitted to EPD on 23/3/2024. | For approval |

| | | | |
|---|---|---|---|
| 2.14 | Landscape and visual mitigation plan | Submitted to EPD on 24/3/2025. | For approval |
| 2.16 | Plan for perimeter walls/ boundary wall sat project site and sidewalls of firing range | 6/12/2024<br>Supplementary information submitted to EPD by email on 2/5/2025. | For approval |
| 2.19 | Submission of Helicopter Flight Plan | 1 month before commencement of operation of Helipad | Notification |
| 3.3 | Baseline Air Quality and Noise Monitoring Report | 30/3/2023 | Deposit |
| 4.2 | Internet address of a dedicated web site | 13/4/2023 | * |

Remarks: * Approval not required in FEP-01/510/2016

# 3 NOISE MONITORING

## Monitoring Requirements

3.1 Following the EM&A Manual, monitoring of construction noise was performed by measuring the A-weighted equivalent continuous sound pressure level (Leq) to track noise generated by construction operations. Each monitoring station is scheduled for weekly noise assessments, with one set of readings to be taken from 0700 to 1900 hours on typical weekdays. The predefined Action/Limit Levels for the environmental monitoring activities are presented in **Appendix B**.

## Monitoring Location

3.2 As per Section 3.2.3 of the EM&A Manual, impact noise monitoring took place at fourteen specified noise monitoring stations. Following the guidelines of the Project's Environmental Impact Assessment (EIA) report, noise monitoring stations situated within a 300-meter radius of the Project's boundary were taken into account. Consequently, six noise monitoring stations identified as relevant monitoring locations are depicted in Figure 3. The specific locations of these noise monitoring stations are detailed in **Table 3.1**.

Table 3.1 Location of Noise Monitoring Stations

| Monitoring Station | Location of Measurement |
|---|---|
| NM9 | Village House, Kong Nga Po |
| NM10 | Village House, Kong Nga Po |
| NM11 | Village House, Kong Nga Po |
| NM12 | Village House, Kong Nga Po |
| NM13 | Village House, Kong Nga Po |
| NM14 | Village House, near Man Kam To Road |

## Monitoring Equipment

3.3 Impact noise monitoring was carried out using Integrating Sound Level Meters. These meters, classified as Type 1, are capable of providing continuous readings of noise levels, including the equivalent continuous sound pressure level (Leq) and percentile sound pressure level (Lx), and they conform to the specifications of International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1). The noise monitoring equipment utilized is summarized in **Table 3.2**. The calibration certificates for these devices can be found in **Appendix C**.

Table 3.2 Noise Monitoring Equipment

| Equipment | Model | Quantity |
|---|---|---|
| Sound Level Meter | BSWA 308 | 5 |
| Sound Level Meter | Rion NL53 | 1 |
| Sound Calibrator | SoundTEK ST-120 | 1 |

**Monitoring Parameters, Frequency and Duration**

3.4 **Table 3.3** encapsulates the variables monitored, the frequency of monitoring, and the total time span of the noise monitoring activities. The schedule for noise monitoring can be located in **Appendix D.**

Table 3.3 Noise Monitoring Parameters, Duration and Frequency

| Monitoring Stations | Parameter | Duration | Frequency | Measurement |
|---|---|---|---|---|
| NM9 | L10(30 min.) dB(A)[2]<br>L90(30 min.) dB(A)[2]<br>Leq(30 min.) dB(A)[2]<br>(as six consecutive Leq, 5min readings) | 0700-1900 hrs on normal weekdays | Once per week | Free field[1] |
| NM10 | | | | Free field[1] |
| NM11 | | | | Façade |
| NM12 | | | | Façade |
| NM13 | | | | Free field[1] |
| NM14 | | | | Free field[1] |

Remarks:

[1]: Correction of +3dB (A) for Free-field Measurement.

[2]: A-weighted equivalent continuous sound pressure level (Leq). It is the constant noise level which, under a given situation and time period, contains the same acoustic energy as the actual time-varying noise level.

L10 is the level exceeded for 10% of the time. For 10% of the time, the sound or noise has a sound pressure level above L10.

L90 is the level exceeded for 90% of the time. For 90% of the time, the noise level is above this level.

**Monitoring Methodology and QA/QC Procedures**

3.5 The procedures for noise monitoring were conducted in this manner:

- The sound level meter was mounted on a tripod, positioned 1 meter away from the outside of the noise-sensitive facade and at a height of 1.2 meters above ground level;
- To achieve free field measurement conditions, the meter was placed at a distance from any reflective surfaces, and the measured noise levels were then corrected by adding +3 dB(A);
- The battery's condition was examined to guarantee the proper operation of the meter;
- The settings for parameters like frequency weighting, time weighting, and measurement duration were established as detailed below:

-frequency weighting: A

-time weighting: Fast

-time measurement: Leq(30 min.) dB(A)

- Noise levels were measured as six consecutive Leq, 5-minute readings during the hours when restrictions did not apply (specifically, from 0700 to 1900 hrs on normal weekdays).

- Calibration of the meter was performed before and after each noise measurement session using a Calibrator set to 94.0 dB at 1000 Hz. Should there be a discrepancy greater than 1.0 dB in calibration levels pre- and post-measurement, the data would be deemed invalid. A repeat measurement would then be necessary following recalibration or repair of the equipment.

- Throughout the monitoring period, parameters such as Leq, L90, and L10 were documented. Observations regarding site conditions and noise origins were also noted on a standard recording form.

- Noise measurements were temporarily halted during instances of significant intrusive noise (for example, barking dogs or helicopter sounds), where feasible. An observation record for the measurement period was to be provided.

- Noise monitoring was suspended in conditions of fog, rain, or when wind speeds were consistently above 5 m/s, or during gusts surpassing 10 m/s. Wind speeds were verified using a portable anemometer capable of measuring speed in meters per second (m/s).

**Maintenance and Calibration**

3.6 Every three months, the microphone head of the sound level meter and the calibrator was gently wiped clean using a soft fabric.

3.7 Annually the sound level meter and calibrator underwent inspection and calibration.

3.8 Before and after conducting each noise measurement, the precision of the sound level meter must be verified with an acoustic calibrator that produces a set sound pressure level at a specific frequency. Only when the pre- and post-measurement calibration levels are within a 1.0 dB range of each other will the measurements be considered valid.

**Results and Observations**

3.9 **Table 3.4** provides a summary of the noise monitoring outcomes. For an in-depth account and visual depiction of the noise monitoring, refer to **Appendix F**. A summary of the meteorological data for the reporting period is compiled in **Appendix G**.

Table 3.4 Summary Table of Noise Monitoring Results during the Reporting Month

| Monitoring Station | Average | Range | Baseline Level | Limit Level |
|---|---|---|---|---|
| | Leq (30 min) dB(A) | Leq (30 min) dB(A) | dB(A) | dB(A) |
| NM9[1] | 62.3 | 55.4-68.8 | 55.9 | 75 |
| NM10[1] | 56.1 | 46.5-66.8 | 52.8 | |
| NM11 | 53.7 | 46.5-63.5 | 46.4 | |
| NM12 | 61.4 | 47.5-66.7 | 54.7 | |
| NM13[1] | 56.4 | 48.3-64.2 | 61.3 | |
| NM14[1] | 52.6 | 39.3-65.2 | 59.6 | |

Remarks: [1]: Correction of +3dB (A) for Free-field Measurement.

3.10 Noise monitoring related to construction activities took place according to the planned schedule for the month reported. There were no instances where the Action/Limit Levels were surpassed. A summary of exceedance records for the reporting month can be found in **Appendix J**.

3.11 Based on observations made in the field, the primary sources of noise detected at the allocated noise monitoring stations during the reporting month are as outlined below:

Table 3.5 Observation at Noise Monitoring Stations

| Monitoring Station | Major Noise Source |
|---|---|
| NM9 | Loading & unloading, Road traffic, Excavation works |
| NM10 | Loading & unloading, Road traffic, Excavation works |
| NM11 | Road traffic |
| NM12 | Loading & unloading, Road traffic |
| NM13 | Loading & unloading, Road traffic |
| NM14 | Dog barking, Road traffic |

**Event and Action Plan**

3.12 If any non-compliance with the criteria related to the project arises, measures will be taken following the procedures outlined in the Event Action Plan provided in **Appendix I.**

# 4 AIR QUALITY MONITORING

## Monitoring Requirements

4.1 As per the EM&A Manual, 1-hour Total Suspended Particulates (TSP) monitoring was carried out to keep track of the air quality associated with the Works Contracts. The predetermined Action/Limit Levels for the air quality monitoring activities are detailed in **Appendix B**.

4.2 Monitoring for 1-hour Total Suspended Particulates (TSP) impacts was performed at a minimum of three times within each six-day period at a designated air quality monitoring station.
The last monitoring was on 29 July 2025, with the next scheduled for on or before 4 August 2025. Due to a Thunderstorm Warning and a Black Rainstorm Signal on 4 and 8 August 2025, respectively, the monitoring for 4 August was deferred for safety reasons. It has been rescheduled for 9 August 2025, depending on weather conditions.

## Monitoring Location

4.3 In line with Section 2.2.5 of the EM&A Manual, impact air quality monitoring took place at two specified monitoring stations for the Project, as depicted in Figure 2. The positions of the air quality monitoring stations are detailed in **Table 4.1**.

Table 4.1 Location for Air Quality Monitoring Stations

| Monitoring Station | Location of Measurement |
|---|---|
| AM1 | Village House, Kong Nga Po |
| AM2 | Village House, Kong Nga Po |

## Monitoring Equipment

4.4 Due to the denial by local villagers to set up a High-Volume Sampler (HVS) for 1-hour Total Suspended Particulates (TSP) monitoring at the chosen locations and the inability to secure an electricity supply for the HVS, direct-reading dust meters were utilized instead to conduct the 1-hour TSP monitoring. Direct-reading dust meters are widely accepted instruments for measuring 1-hour TSP levels and have been used in the same infrastructure project. The issue to use direct-reading dust meters was presented to the Independent Environmental Checker (IEC). The application of the direct-reading dust meter allows for immediate and straightforward results, facilitating timely EM&A reporting and the execution of the event and action plan. To ensure the validity and accuracy of the readings obtained by the direct-reading method, the HVS performed 1-hour sampling on a bi-monthly schedule.

4.5 **Table 4.2** provides a summary of the apparatus employed in the impact air quality monitoring program. The calibration was conducted by Aquality Testconsult Limited. Copies of the calibration certificates for the equipment can be found in **Appendix C**.

Table 4.2 Air Quality Monitoring Equipment

| Equipment | Model and Serial No. | Quantity | The valid period is until |
|---|---|---|---|
| Dust Monitor | AEROCET-831/ D12641 | 1 | 19 March 2026 |
| Dust Monitor | AEROCET-831/ E11304 | 1 | 13 March 2026 |

4.6 Weather data was sourced from the "Hong Kong Observatory - General Weather Conditions during the Monitoring Period (August 2025)" detailed in **Appendix G**, which was used as a substitute approach to acquire representative wind data.

4.7 During the monitoring days, the field staff also documented the prevailing weather conditions, such as whether it was sunny, cloudy, fine or rainy.

**Monitoring Parameters, Frequency and Duration**

4.8 **Table 4.3** encapsulates the monitoring variables and the regularity of impact dust assessments conducted throughout the Works Contracts operations. The schedule for air quality observation for the month in question is presented in **Appendix D**.

Table 4.3 Impact Dust Monitoring Parameters, Frequency and Duration

| Parameters | Frequency |
|---|---|
| 1-hr TSP | Three times/ 6 days |

**Monitoring Methodology and QA/QC Procedure**

**1-hour TSP Air Quality Monitoring**

***Instrumentation***

4.9 The air quality monitoring utilized a direct reading dust meter, as indicated in **Table 4.2**.

4.10 The procedures for operating the dust meter adhere to the guidelines set forth in the Manufacturer's Instruction Manual, as described below:

-The 1-hour dust meter is placed at least 1.3 meters above ground.

-Press and hold the Power key momentarily to power on the unit and make sure that the battery level was not flash or in low level.

-Allow the instrument to stand for about 3 second to display the Sample Screen minutes.

-Press the START / STOP key to run the internal vacuum pump for 1 minute and ready to use.

-Use the select dial to select the PM range and press the START / STOP key to start a measurement.

-Finally, push the START/STOP key to stop the measuring after 3-hour sampling.

-Information such as sampling date, time, value and site condition were recorded during the monitoring period.

-All data were recorded in the data logger for further data processing.

***Maintenance/Calibration***

4.11 The dust meter required the following maintenance and calibration:

- The dust meter must be checked and calibrated against a High Volume Sampler (HVS) to validate the precision and accuracy of the readings obtained through the direct reading method.

- The correlation between the dust meter and HVS in measuring TSP was established by directly comparing the mass of dust particles collected on a filter paper by the HVS against the dust meter's reading. For accurate calibration, both the dust meter and the HVS should be turned on and off at the same location and at the same time.

- The correlation coefficient was verified to confirm the relationship between the readings from the dust meter and the HVS. This correlation factor was ascertained by comparing the outcomes from both the HVS and the dust meter.

- Prior to the initiation of dust monitoring, a check must be conducted to verify that all equipment is operational and has the necessary power supply. A zero count test was performed before and after each monitoring session to ensure accuracy.

**Results and Observations**

4.12 The outcomes of the 1-hour TSP monitoring are condensed in **Table 4.4**. For a comprehensive view, detailed results and graphical representations of the 1-hour TSP monitoring data can be found in **Appendix E**.

Table 4.4 Summary Table of 1-hour TSP Monitoring Results during the Reporting Month

| **Monitoring Station** | **Concentration ($\mu g/m^3$)** | | **Action Level, $\mu g/m^3$** | **Limit Level, $\mu g/m^3$** |
|---|---|---|---|---|
| | **Average** | **Range** | | |
| AM1 | 74 | 24-267 | 308 | 500 |
| AM2 | 70 | 20-137 | 311 | |

4.13 The 1-hour TSP monitoring took place according to the planned timetable for the reporting month, and there were no instances of exceeding the established Action/Limit Levels.

4.14 Based on field observations, the primary sources of dust at the specified air quality monitoring stations during the reporting month are listed in **Table 4.5**.

Table 4.5 Observation at Dust Monitoring Stations

| Monitoring Station | Major Dust Source |
|---|---|
| AM1 | Equipment operation and movement / road traffic, exposed site area, site vehicle |
| AM2 | Road traffic, exposed site area, site vehicle / equipment operation and movement, vehicle / equipment operation and movement at warehouse nearby |

**Event and Action Plan**

4.15 In the event of a project-related violation of the criteria, measures will be taken as specified by the Event Action Plan detailed in **Appendix I**.

# 5 LANDSCAPE AND VISUAL MONITORING

## Monitoring Requirements

5.1 The EIA Report recommends implementing strategies to mitigate impacts on landscape and visual resources throughout both the construction and operational phases of the Project.

5.2 The execution and upkeep of compensatory planting for landscaping are critical components of this process and must be monitored to confirm their complete fulfillment. It is essential to promptly address any potential clashes between the proposed landscaping efforts and other Project tasks or operational needs to ensure that the mitigation measures' objectives are not compromised. Furthermore, the enforcement of the mitigation measures advised by the EIA will be tracked continuously through the site audit program for the construction phase.

5.3 The Environmental Team (ET) carried out a fortnightly review of the execution of measures aimed at mitigating landscape and visual impacts as part of the weekly site audits. The findings and observations from these audit sessions are encapsulated in **Table 5.1**, while the status of implementation can be found detailed in **Appendix K**.

# 6 ECOLOGICAL MONITORING

**Monitoring of Flora Species of Conservation Interest**

6.1 In line with Section 8.3.2 of the EM&A Manual, a temporary protective barrier must be installed around the plant species of conservation significance identified in the detailed vegetation survey throughout the construction phase. This barrier should be well-maintained and regularly checked to ensure its effectiveness. Monthly checks of each plant species of conservation interest, as pinpointed in the detailed vegetation survey, are required during the construction phase to ensure that these species remain unaffected by the project's construction activities.

6.2 The monitoring aims to oversee the prompt execution of suitable environmental management practices and the application of mitigation measures concerning the preserved and relocated specimens of flora species of conservation interest. The correct setup and upkeep of the temporary protective fence surrounding these specimens were examined to assess its efficacy. The protective measures outlined in the approved transplantation proposal's implementation schedule were supervised.

6.3 As per the sanctioned detailed vegetation survey report and transplantation proposal, it was determined that 71 *Brainea insignis* specimens, 41 *Spiranthes sinensis* specimens, and 3 *Aquilaria sinensis* specimens should be relocated to the designated receiving site. Additionally, it was decided to preserve in situ 51 *Keteleeria fortunei* specimens, along with 26 small seedlings of *Keteleeria fortunei* and 7 small seedlings of *Aquilaria sinensis*, in the vicinity of Kong Nga Po Road near the Police Dog Unit and the Force Search Unit Training School.

**Post-Transplantation Monitoring and Maintenance Programme**

6.4 In line with the accepted transplantation proposal, the Contractor is mandated to carry out post-transplantation monitoring weekly for the first three months, and then monthly for the remainder of the 12-month establishment phase as well as the subsequent post-establishment phase, continuing until the construction phase of the Project concludes. This routine monitoring is critical for promptly identifying the growth condition of the transplanted species, any signs of construction work within or in the vicinity of the receptor site, and any changes in the environmental conditions of the receptor site.

6.5 For the initial year of acclimatization, it was advised to carry out maintenance activities to promote the robust growth of the transplanted species. Considering the state of the transplanted organisms following the 12-month establishment period, it was advised that maintenance activities continue through the Post-establishment Period until the completion

of the Construction Phase. It was recommended to water the transplants daily for the first three months following the move, as well as throughout periods of drought, to maintain soil moisture. Additional maintenance tasks, such as mulching and weeding, should be performed as necessary.

**Results and Observations**

6.6 During the reporting month, the Contractor carried out monthly evaluations of the flora species of conservation interest on the 30 August 2025. The enforcement of the protective measures detailed in the approved transplantation proposal was reviewed, along with the maintenance of the temporary protective fencing. **Appendix H** contains the photographic documentation and checklists from the monthly assessments. The health of the transplanted and retained species was generally observed to be average to poor. The Contractor was urged to keep a vigilant eye on the transplanted species and to implement the protective measures as specified in the approved transplantation proposal to safeguard these species. Furthermore, the Contractor was given the following directives:

1) To provide new identification tags for any *Brainea insignis* that were missing them;

2) To substitute any plant labels at the receptor site that had become illegible due to fading;

3) To refer to the soil improvement guidelines published by the Greening, Landscape and Tree Management Section (GLTMS) of the Development Bureau (2022) for application in the monitoring and upkeep of the transplanted plant species;

4) To set up shade nets;

5) To ensure the soil remains moist by adhering to the necessary daily watering schedule.

Transplanted *Brainea insignis and Spiranthes sinensis*

6.7 From May 21st to 28th, 2020, 71 *Brainea insignis* specimens and 41 *Spiranthes sinensis* specimens were relocated to the receptor site. The detailed account of the transplantation process was compiled in a Transplantation Report and forwarded to ET(Wellab), IEC(Acuity), and the Supervisor (AECOM) for their examination and documentation. Monitoring after transplantation took place weekly for the initial three months (from June to August 2020) and then monthly throughout the subsequent 12-month establishment period, as well as the post-establishment phase, culminating with the conclusion of the construction phase of the Project. The Contractor was responsible for tracking the health of the transplanted species and carried out maintenance measures such as watering, mulching, and weeding during the first year to nurture the transplanted species' healthy development. Monitoring of the transplanted *Brainea insignis* and *Spiranthes sinensis* took place on the 30 August 2025, within the reporting period, with the findings documented in **Appendix H**. Particular attention was given to the transplanted *Brainea insignis* specimens that were impacted by a bushfire on February 2nd, 2021, with their progress detailed in the post-

transplantation monitoring records. The health of the preserved species was noted to be generally fair. The Contractor was advised to maintain vigilant monitoring of these species and to enforce the stipulated protective measures to ensure their continued preservation.

6.8 During the monthly checks, it was observed that there were no construction operations or storage of equipment taking place within the receptor site. The temporary protective barrier had been correctly installed and was being well-maintained to safeguard the transplanted species.

**Precautionary Measure for Butterfly Species of Conservation Interest**

6.9 As stipulated by FEP Condition 2.17, to reduce the impact on butterfly species of conservation concern, efforts shall be made to improve the new grassland habitats within the Project site. This enhancement shall be achieved by cultivating suitable plant species that serve as the larval food source for butterflies of conservation interest, like the Small Three-Ring, thereby supporting the well-being of these species.

6.10 The restoration of grassland zones within the Project must be completed prior to the initiation of the Project's operational phase. Information regarding the plant species to be used as larval food plants for butterflies, along with the design and execution details, will be subsequently provided under the building works contract of ArchSD.

**Precautionary Measures to Minimize Indirect Disturbance on Ecology**

6.11 As outlined in Section 9.7.3 of the EIA Report, implementing mitigation strategies for air, noise, water, waste, and landscaping can serve as preventative actions to avert and lessen any secondary effects of disturbance or pollution resulting from construction activities on the surrounding ecology and habitats outside the site. The Environmental Team (ET) conducted weekly site audits to oversee the prompt adoption of appropriate environmental management practices and the execution of mitigation measures at the Project site. The findings from these audits are consolidated in Section 7.3.

# 7 ENVIRONMENTAL SITE INSPECTION

## Site Audits

7.1 The Environmental Team (ET) conducted site audits weekly to oversee the prompt adoption of appropriate environmental management practices and the execution of mitigation measures at the Contract site.

7.2 The Environmental Team (ET), along with representatives from the Client and the Contractor, conducted site audits on 6, 12, 18, 29 August 2025 of the reported month in 2025.

7.3 In the site inspections conducted over the reporting period, there were no particular environmental concerns noted. It should be recognized that these observations pertain solely to the moments of inspection. The findings and advice from these audits are compiled in **Table 5.1**. The absence of identified environmental issues during the joint site inspections does not exempt the Contractor from their obligation to adhere strictly to all legal requirements, the Particular Specifications, and the Environmental Monitoring and Audit (EM&A) Manual.

Table 5.1 Observations of Weekly site Inspection and advice

| Parameters | Date | Observations | Advice |
|---|---|---|---|
| Landscape and Visual Impacts | 6-8-2025 | Not only can material of metallic element physically compress the underlying soil—reducing its porosity—but such compaction also makes it difficult for roots to grow and limits the soil's ability to absorb nutrients and water, resulting in potential poor grass health | Material of metallic element shall be placed on open area with fencing enclosure. |
| Waste Management Implications | 12-8-2025 | Wild animals rummaging through open bins in search of food may inadvertently ingest inappropriate or toxic materials, become trapped, or suffer injuries from debris. | General refuse should be stored in enclosed bins |
| Water Quality Impact | 18-8-2025 | Sediment and blockage build-up can reduce the channel's capacity to efficiently transport water, causing slower water flow and potential overflow during heavy rainfall | Maintenance and inspection of the drainage system and sediment removal facilities should be carried out regularly to remove any sediment and blockages, especially when rainstorms are forecast |
| Water Quality Impact | 29-8-2025 | Sediment and blockage build-up can reduce the channel's capacity to efficiently transport water, causing slower water flow and potential overflow during heavy rainfall | Maintenance and inspection of the drainage system and sediment removal facilities should be carried out regularly to remove any sediment and blockages, especially when rainstorms are forecast |

**Implementation Status of Environmental Mitigation Measures**

7.4 In accordance with the EIA Report and the Project's EM&A Manual, the outlined mitigation measures are recommended to be implemented throughout the construction phase. An overview of the Environmental Mitigation Implementation Schedule (EMIS) is available in **Appendix K.**

**Solid and Liquid Waste Management Status**

7.5 Pursuant to the EM&A Manual, waste management practices were reviewed in the weekly site audits to assess compliance with the Project's Waste Management Plan (WMP) and pertinent legal and contractual obligations. The auditing process encompassed the examination of waste handling, storage, transport, and disposal methods.

7.6 The Contractor has appointed Environmental Officers on-site to manage environmental aspects, implement pollution control strategies, maintain proper site conduct, and educate workers on waste management. Efforts to reduce waste production include actively using Construction and Demolition (C&D) materials. Excavated materials have been sorted and screened on-site to salvage any recyclables. Non-reactive C&D materials were utilized on-site for backfill and to construct the haul road surface. Furthermore, inert materials from excavation activities were repurposed as fill in other local projects. Excess inert C&D materials were sent to the Government’s public fill reception facilities (PFRFs) for use in other projects. To oversee the disposal of inert and non-inert C&D materials and prevent illegal dumping, a system is in place where all materials are weighed by a weighbridge before leaving the site, and the Trip Ticket System is rigorously enforced.

7.7 Contractor is encouraged to reduce waste production by recycling or reusing materials. It is imperative that all the mitigation strategies outlined in the EM&A Manual and the waste management plans be thoroughly executed. A summary of the progress in implementing waste management and reduction strategies is provided in **Appendix K**.

7.8 This Project produces inert Construction and Demolition (C&D) materials as well as non-inert C&D materials. The non-inert variety consists of general refuse and other waste materials that cannot be repurposed or recycled, necessitating disposal at assigned landfill locations. Data detailing the volume of waste resulting from the Project's construction activities over the reporting period can be found in **Appendix L**.

# 8 ENVIRONMENTAL NON-CONFORMANCE

**Summary of Exceedances**

8.1 During the reporting month, there were no instances where the air quality exceeded the established Action and Limit Levels.

8.2 There were no instances of construction noise surpassing the designated Action and Limit Levels in the reporting period.

8.3 If the monitoring data from any specific stations reveal that environmental parameters have surpassed the Action/Limit Levels, then the procedures outlined in the Event and Action Plans in **Appendix I** should be executed. A summary of any exceedance records for the reporting month can be found in **Appendix J.**

**Summary of Environmental Non-Compliance**

8.4 There were no records of environmental compliance breaches during the reported month.

**Summary of Environmental Complaint**

8.5 In the month under review, no complaints were registered. A log of all complaints accumulated since the start of the Project is compiled in **Appendix M**.

**Summary of Environmental Summon and Successful Prosecution**

8.6 Since the beginning of the Project, there have been no instances of successful environmental prosecution or receipt of summons. A comprehensive record of all environmental summonses and successful prosecutions since the Project's inception is documented in **Appendix N**.

# 9 FUTURE KEY ISSUES

## Key Issues in the Coming Three Months

9.1 **Appendix A** contains the provisional construction schedules for the Project. Over the next three months, the principal construction tasks to be carried out will include:

1. Open cut excavation
2. Removal of soil
3. Construction of footings
4. Construction of substructure and superstructure
5. Construction of footbridge
6. Construction of fence wall and boundary wall
7. Installation of structural steelworks for 300m baffle range
8. Backfilling
9. U.U. Lead in and Pipe Duct Connection

9.2 Referring to the site layout plan found in **Appendix A**, which details the expected construction activities for the next three months, the primary environmental concerns related to these activities are likely to be construction dust, noise, water quality, waste management, landscape and visual aesthetics, and ecological impacts. The anticipated environmental effects have been factored into the mitigation strategies planned for the upcoming months.

9.3 The Contractor has advised mitigation measures for the next three months, which the Environmental Team (ET), Independent Environmental Checker (IEC), and the Client's Representative have reviewed through email correspondence during site audits. The Proactive Environmental Protection Proforma, which outlines the key site activities, potential environmental impacts, and advised mitigation strategies, has been examined and verified by the IEC and is displayed in **Appendix A**.

9.4 During construction and in periods of dry weather, dust can arise from work activities and uncovered site areas. To mitigate dust emissions that could affect nearby villages, the Contractor is advised to diligently apply air quality control measures as outlined in the layout plan in **Appendix A**, to the greatest extent possible. Moreover, the Contractor is reminded to adhere to the Project Implementation Schedule detailed in the approved EIA report/EM&A Manual, implementing suitable dust suppression tactics to curb emissions from intensive construction tasks such as ground excavation and earth moving. This includes managing all active work areas, bare site surfaces, and unpaved roads, especially under dry conditions, by covering 80% of stockpiled materials with impervious coverings and by moistening dusty substances with water just before loading and transfer activities. This ensures materials remain damp during handling in stockpile regions. Additionally, the

Contractor must adhere to the prescribed dust control methods under the Air Pollution Control (Construction Dust) Regulation to prevent negative dust impacts from the Project's construction activities.

9.5 Furthermore, construction noise represents a significant environmental concern during the Project's development. It is important to implement noise reduction strategies, such as utilizing quiet machinery and installing noise barriers where relevant. The Contractor has been prompted to regularly inspect and upkeep the sound-dampening materials on noisy sections of plant and machinery, ensuring there are no openings in the noise barriers. They should also actively recognize any potential construction noise impacts to Noise Sensitive Receivers (NSRs) and introduce adequate mitigation measures when required. Additionally, residents in the nearby Kong Nga Po village should be informed in advance about any potentially noisy activities at the work site.

9.6 The Contractor is advised to uphold measures that protect water quality throughout the construction process. This includes constructing barriers such as dikes or embankments to prevent flooding around the perimeters of areas where soil is being moved or excavated. Provision should be made for temporary channels to direct runoff effectively into a designated watercourse via a trap designed to capture sediment from the site. These sediment/silt traps should also be integrated into the permanent drainage systems to improve the settling of particulates. It is essential to utilize effective silt removal systems to ensure that the effluent treated by the wastewater treatment plant complies with the standards specified in the WPCO licenses. The Wastewater Discharge Layout Plan, as shown in **Appendix Q** and provided by the Contractor, outlines the specific pathways through which wastewater is to be conveyed from its source to a treatment facility or point of discharge

**Monitoring Schedule for the Next Month**

9.7 **Appendix D** displays the provisional schedule for environmental monitoring activities planned for the upcoming month.

# 10 CONCLUSIONS AND RECOMMENDATIONS

## Conclusions

10.1 This Monthly EM&A Report details the environmental monitoring and audit (EM&A) activities conducted in August 2025, following the guidelines set out in the EM&A Manual.

10.2 During the month in question, air quality monitoring did not register any instances of surpassing the Action/Limit Levels.

10.3 No instances of construction noise exceeding the established Action/Limit Levels were documented in the reporting month's monitoring records.

10.4 Site inspections focusing on environmental aspects took place on the 6, 12, 18, 29 August 2025. Additionally, monitoring of landscape and visual impacts was performed on the 6, 12, 18, 29 August 2025, and ecological monitoring was conducted on the 29 August 2025 by ETL within the reporting month. The Contractor also conducted monitoring on 30 August 2025. There were no records of environmental non-compliance for the reporting month. It should be noted that the absence of any particular environmental issues during the joint site inspections does not exempt the Contractor from their obligation to adhere fully to all legal requirements, the specifications outlined in the contract, and the procedures in the EM&A Manual.

10.5 During the reporting month, there were no complaints lodged, nor were there any notices of summons or records of successful legal actions received.

10.6 The Environmental Team (ET) will persist in overseeing the Environmental Monitoring and Audit (EM&A) program. All environmental obligations are fulfilled, and the necessary mitigation measures are properly executed.

## Recommendations

10.7 Based on the environmental audits conducted during the reporting month, the subsequent advice was put forward:

*Air Quality Impact*

- To enhance the dust suppression measures including watering for the dust generation works, exposed site area and haul road;
- To minimize the indirect impacts on air quality resulting from the operation of machineries on the construction site, one of the measures to be adopted is the use of biodiesel B100; and

- To regular check the valid NRMM labels are properly displayed on the regulated machines and non-road vehicles

*Construction Noise*

- To refer to the ISO 12001:1996 or other comprehensive practices and subsequently develop a thorough inspection and maintenance protocol for the plant and equipment, maintaining a focus on Noise Control; and
- To maintain temporary noise barriers for operations of noisy equipment near the noise sensitive receivers, if necessary.

*Water Impact*

- To maintain the cover for open stockpile of and exposed slope;
- To keep reviewing and updating temporary drainage system;
- To maintain the earth bunds or sand bag barriers on site to direct stormwater to silt removal facilities; and
- To divert the muddy water at the retention pond to the wetsep for treatment before discharging out.

*Waste/Chemical Management*

- To check for any accumulation of waste materials or rubbish on site; and
- To avoid improper handling, storage and dispose of oil drums or chemical containers on site.

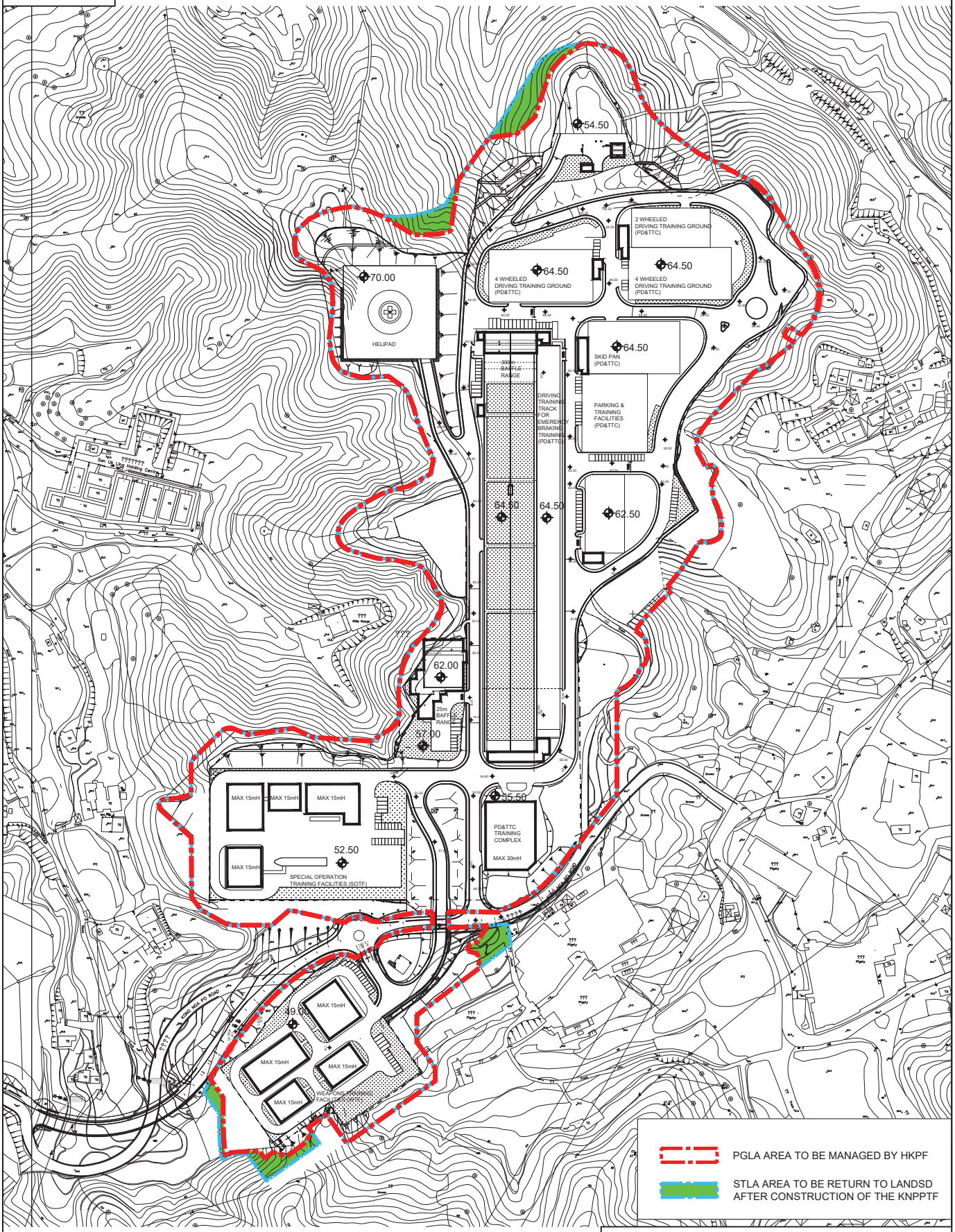
*Ecology*

- To maintain soil moisture, daily watering is required;
- To install a shaded net;
- To refer to the Guidelines on Soil Improvement issued by the Greening, Landscape and Tree Management Section (GLTMS) of the Development Bureau (2022) for the effective monitoring and maintenance of transplanted flora species; and
- The wild plants that are growing in undesirable areas should be removed, as they compete with the cultivated flora species of conservation interest.

*Landscape and Visual*

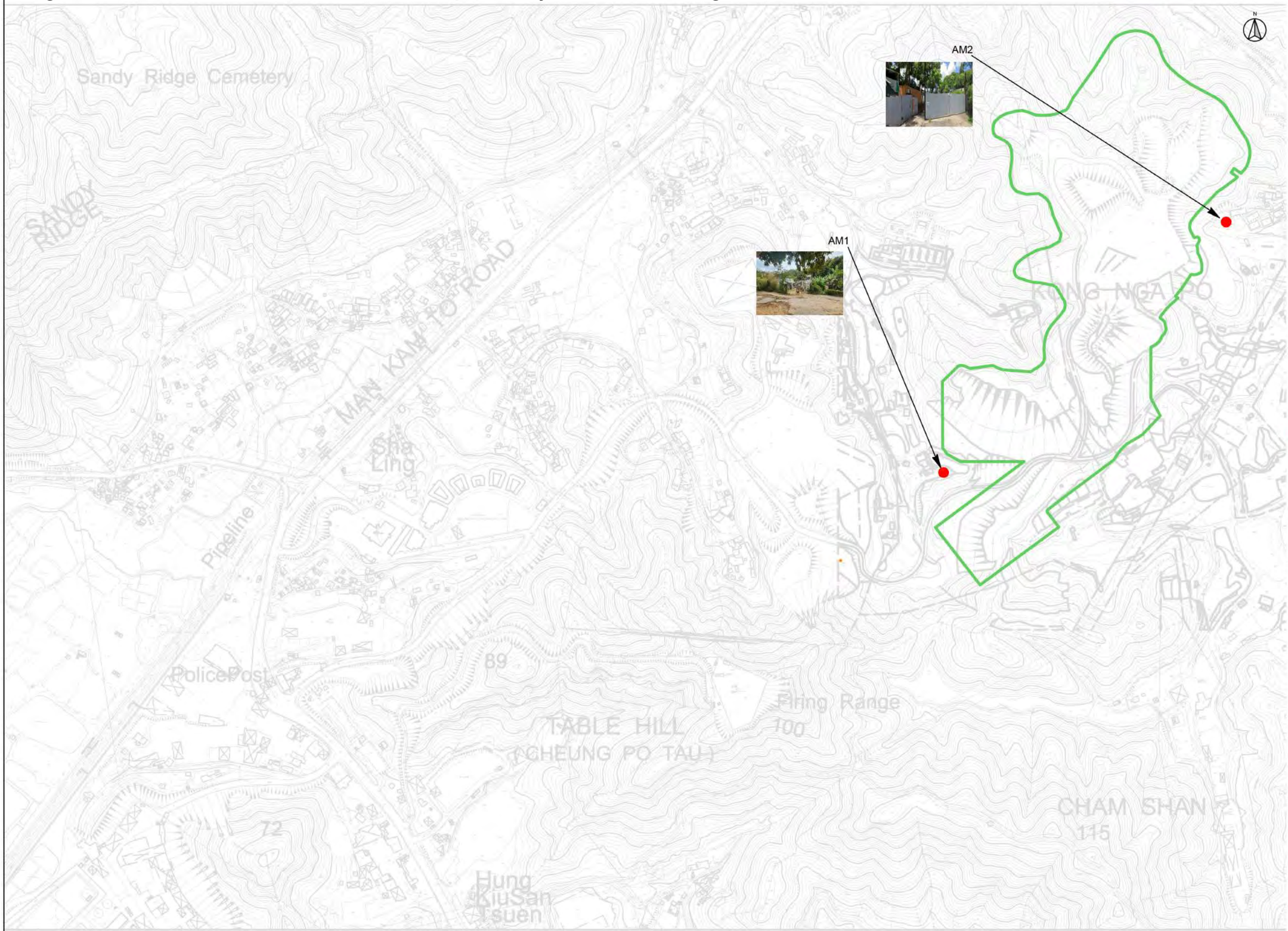
- To remove the construction materials within the tree protection zone; and
- To keep the tree protection zone large enough to protect the tress.

**FIGURE(S)**




| | | | | |
|---|---|---|---|---|
| MASTER LAYOUT PLAN | PROJECT CODE: 3279LP<br>PROPOSED MLP FOR KONG NGA PO TRAINING FACILITIES | DRAWING NO.<br>PMB/8480/XA001 | SCALE:<br>1:400<br><br>DATE:<br>AUGUST 2021 | ARCHITECTURAL SERVICES DEPARTMENT 建 築 署 |

# Figure 2 Location of Air Quality Monitoring Stations




KEY PLAN
SCALE: 1/50000

LEGENDS:

KONG NAG PO SITE BOUNDARY

AIR QUALITY MONITORING STATIONS

| AIR QUALITY MONITORING STATIONS | |
|---|---|
| I.D | Description |
| AM1 | Village House, Kong Nga Po |
| AM2 | Village House, Kong Nga Po |

CLIENT

建築署
Architectural Services Department

Environmental Team

嘉誠管理顧問有限公司
Ka Shing Management Consultancy Limited
www.ka-shing.net



KA SHING MANAGEMENT CONSULTANCY LTD
Unit 2, 13/F Kai Yue Commercial Building, 2C Argyle St, Mong Kok, Kowloon
Tel: +852 2618 2166 Fax: +852 2120 7752
Email: info@ka-shing.net

| Rev. | Description | Date |
|---|---|---|
| 2 | SECOND ISSUE | 03/2023 |
| 1 | FIRST ISSUE | 03/2023 |

Project Title

PROVISION OF ENVIRONMENTAL TEAM CONSULTANCY FOR DESIGN AND CONSTRUCTION OF KONG NGA PO POLICE TRANING FACILITIES

Drawing Title

KONG NGA PO ROAD
AIR QUALITY MONITORING STATIONS

Drawing Status

| | |
|---|---|
| Project Ref. - | File Ref. - |
| Drawn by JC | Checked by RH |
| Scale 1:40000 | Paper Size A3 |
| Date | Revision - |

Drawing Number

KASHING-KNPR-DWG-002

# Figure 3 Location of Noise Monitoring Stations



KEY PLAN
SCALE: 1/50000

LEGENDS:
- KONG NAG PO SITE BOUNDARY
- NOISE MONITORING STATIONS

| NOISE MONITORING STATIONS | |
|---|---|
| I.D | Description |
| NM9 | Village House, Kong Nga Po |
| NM10 | Village House, Kong Nga Po |
| NM11 | Village House, Kong Nga Po |
| NM12 | Village House, Kong Nga Po |
| NM13 | Village House, Kong Nga Po |
| NM14 | Village House, near Man Kam To Road |

CLIENT
建築署 Architectural Services Department

Environmental Team
嘉誠管理顧問有限公司
Ka Shing Management Consultancy Limited
www.ka-shing.net



KA SHING MANAGEMENT CONSULTANCY LTD
Unit 2, 13/F Kai Yue Commercial Building, 2C Argyle St,
Mong Kok, Kowloon
Tel: +852 2618 2166 Fax: +852 2120 7752
Email: info@ka-shing.net

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Project Title
PROVISION OF ENVIRONMENTAL TEAM CONSULTANCY FOR DESIGN AND CONSTRUCTION OF KONG NGA PO POLICE TRANING FACILITIES

Drawing Title
KONG NGA PO ROAD
NOISE MONITORING STATION

Drawing Status

| | |
|---|---|
| Project Ref. - | File Ref. -- |
| Drawn by JC | Checked by RH |
| Scale 1:40000 | Paper Size A3 |
| Date | Revision - |

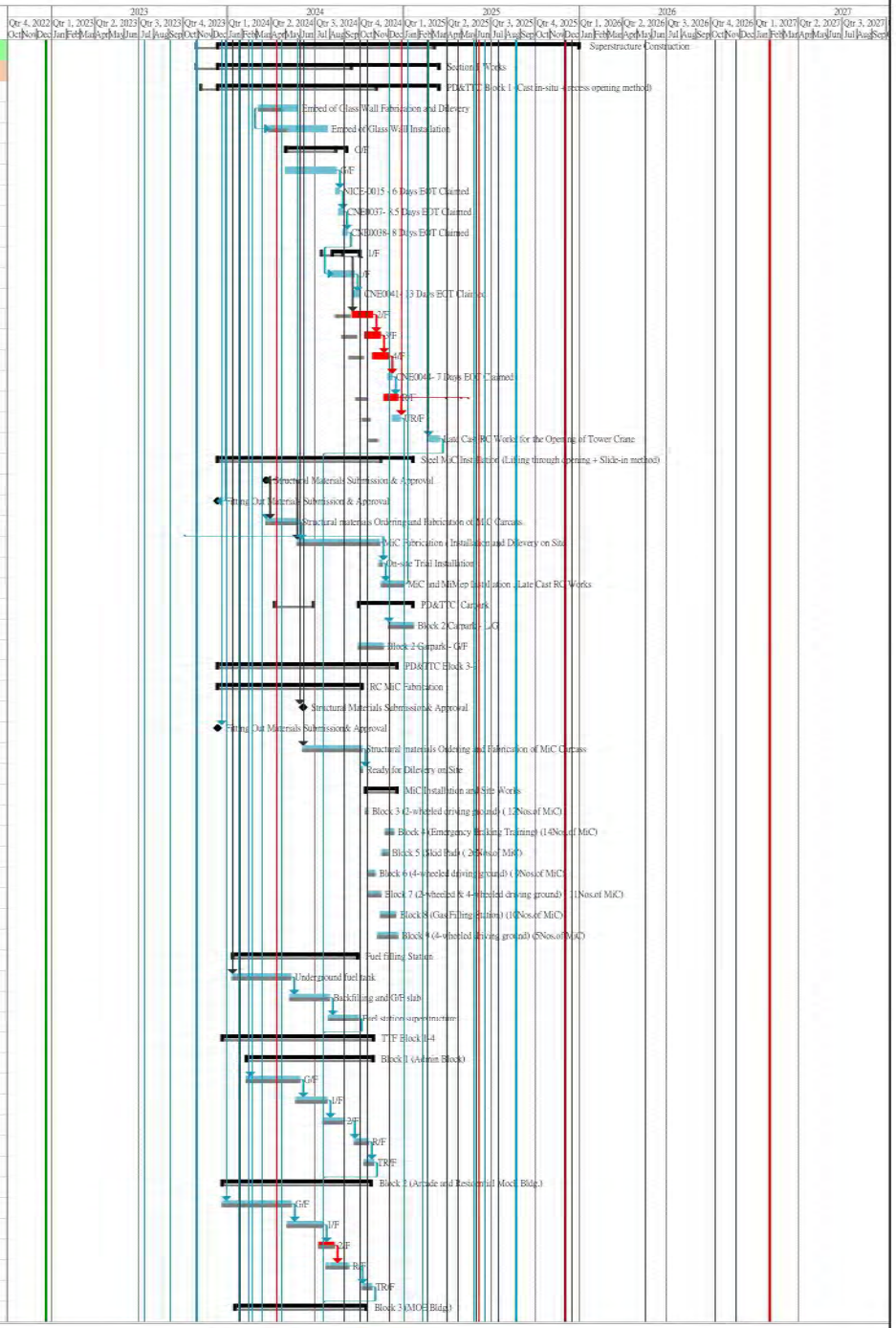
Drawing Number
KASHING-KNPR-DWG-003

# APPENDIX A
# CONSTRUCTION PROGRAMME AND PROACTIVE ENVIRONMENTAL PROTECTION PROFORMA

# Construction Programme
# (Aug 2024 – Oct 2025)

# Design & Construction of Kong Nga Po Police Training Facilities Programme

| ID | Task | Duration | Start | Finish | Total Slack | Time Risk Allowance |
|---|---|---|---|---|---|---|
| 1367 | **Superstructure Construction** | **751 d** | **11/12/2023** | **31/12/2025** | **396 d** | |
| 1368 | **Section 1 Works** | **460 d** | **11/12/2023** | **15/3/2025** | **687 d** | |
| 1369 | PD&TTC Block 1 (Cast in-situ + recess opening method) | 460 d | 11/12/2023 | 15/3/2025 | 687 d | |
| 1370 | Embed of Glass Wall Fabrication and Dilevery | 80 d | 7/3/2024 | 25/5/2024 | 920 d | 1 d |
| 1371 | Embed of Glass Wall Installation | 120 d | 28/3/2024 | 25/7/2024 | 920 d | |
| 1372 | G/F | 126.5 d | 2/5/2024 | 5/9/2024 | 589.5 d | 0 d |
| 1373 | G/F | 104 d | 2/5/2024 | 13/8/2024 | 589.5 d | |
| 1374 | NICE-0015 - 6 Days EOT Claimed | 6 d | 14/8/2024 | 19/8/2024 | 589.5 d | |
| 1375 | CNE0037- 8.5 Days EOT Claimed | 8.5 d | 20/8/2024 | 28/8/2024 | 589.5 d | |
| 1376 | CNE0038- 8 Days EOT Claimed | 8 d | 28/8/2024 | 5/9/2024 | 589.5 d | |
| 1377 | 1/F | 57 d | 6/8/2024 | 2/10/2024 | 589.5 d | 0 d |
| 1378 | 1/F | 44 d | 6/8/2024 | 19/9/2024 | 589.5 d | |
| 1379 | CNE0041- 13 Days EOT Claimed | 13 d | 19/9/2024 | 2/10/2024 | 589.5 d | |
| 1380 | 2/F | 41 d | 17/9/2024 | 28/10/2024 | 589.5 d | 0 d |
| 1381 | 3/F | 31 d | 13/10/2024 | 13/11/2024 | 589.5 d | 0 d |
| 1382 | 4/F | 32 d | 29/10/2024 | 30/11/2024 | 604.5 d | 0 d |
| 1383 | CNE0044- 7 Days EOT Claimed | 7 d | 30/11/2024 | 7/12/2024 | 604.5 d | |
| 1384 | R/F | 27 d | 22/11/2024 | 19/12/2024 | 604.5 d | 0 d |
| 1385 | UR/F | 15 d | 9/12/2024 | 24/12/2024 | 604.5 d | 0 d |
| 1386 | Late Cast RC Works for the Opening of Tower Crane | 22 d | 22/2/2025 | 15/3/2025 | 687 d | 0 d |
| 1387 | Steel MiC Installation (Lifting through opening + Slide-in method) | 406 d | 11/12/2023 | 20/1/2025 | 741 d | |
| 1388 | Structural Materials Submission & Approval | 0 d | 21/3/2024 | 21/3/2024 | 734 d | 1 d |
| 1389 | Fitting Out Materials Submission & Approval | 0 d | 11/12/2023 | 11/12/2023 | 1147 d | 1 d |
| 1390 | Structural materials Ordering and Fabrication of MiC Carcass | 65 d | 22/3/2024 | 25/5/2024 | 734 d | 1d |
| 1391 | MiC Fabrication / Installation and Dilevery on Site | 170 d | 26/5/2024 | 11/11/2024 | 734 d | 1 d |
| 1392 | On-site Trial Installation | 5 d | 12/11/2024 | 16/11/2024 | 734 d | 0 d |
| 1393 | MiC and MiMep Installation , Late Cast RC Works | 45 d | 17/11/2024 | 31/12/2024 | 734 d | 1 d |
| 1394 | PD&TTC Carpark | 113 d | 30/9/2024 | 20/1/2025 | 399 d | |
| 1395 | Block 2 Carpark - L/G | 50 d | 2/12/2024 | 20/1/2025 | 0 d | |
| 1396 | Block 2 Carpark - G/F | 50 d | 30/9/2024 | 18/11/2024 | 462 d | |
| 1397 | PD&TTC Block 3-9 | 373 d | 11/12/2023 | 18/12/2024 | 774 d | |
| 1398 | RC MiC Fabrication | 300 d | 11/12/2023 | 6/10/2024 | 847 d | |
| 1399 | Structural Materials Submission& Approval | 0 d | 6/6/2024 | 6/6/2024 | 969 d | |
| 1400 | Fitting Out Materials Submission& Approval | 0 d | 11/12/2023 | 11/12/2023 | 1147 d | |
| 1401 | Structural materials Ordering and Fabrication of MiC Carcass | 121 d | 7/6/2024 | 5/10/2024 | 847 d | |
| 1402 | Ready for Dilevery on Site | 1 d | 6/10/2024 | 6/10/2024 | 847 d | |
| 1403 | MiC Installation and Site Works | 65 d | 15/10/2024 | 18/12/2024 | 774 d | |
| 1404 | Block 3 (2-wheeled driving ground) ( 12Nos.of MiC) | 3 d | 15/10/2024 | 17/10/2024 | 836 d | |
| 1405 | Block 4 (Emergency Braking Training) (14Nos.of MiC) | 16 d | 25/11/2024 | 10/12/2024 | 782 d | |
| 1406 | Block 5 (Skid Pad) ( 26Nos.of MiC) | 11 d | 18/11/2024 | 28/11/2024 | 794 d | |
| 1407 | Block 6 (4-wheeled driving ground) ( 9Nos.of MiC) | 14 d | 19/10/2024 | 1/11/2024 | 821 d | |
| 1408 | Block 7 (2-wheeled & 4-wheeled driving ground) ( 11Nos.of MiC) | 26 d | 19/10/2024 | 13/11/2024 | 809 d | |
| 1409 | Block 8 (Gas Filling Station) (10Nos.of MiC) | 30 d | 15/11/2024 | 14/12/2024 | 778 d | |
| 1410 | Block 9 (4-wheeled driving ground) (5Nos.of MiC) | 40 d | 9/11/2024 | 18/12/2024 | 774 d | |
| 1411 | Fuel filling Station | 260 d | 12/1/2024 | 27/9/2024 | 856 d | |
| 1412 | Underground fuel tank | 120 d | 12/1/2024 | 10/5/2024 | 856 d | 0 d |
| 1413 | Backfilling and G/F slab | 80 d | 11/5/2024 | 29/7/2024 | 856 d | 0 d |
| 1414 | Fuel station superstructure | 60 d | 30/7/2024 | 27/9/2024 | 856 d | 0 d |
| 1415 | TTF Block 1-4 | 314 d | 22/12/2023 | 30/10/2024 | 823 d | |
| 1416 | Block 1 (Admin Block) | 263 d | 10/2/2024 | 29/10/2024 | 824 d | |
| 1417 | G/F | 110 d | 10/2/2024 | 29/5/2024 | 0 d | |
| 1418 | 1/F | 63 d | 23/5/2024 | 24/7/2024 | 0 d | 0 d |
| 1419 | 2/F | 39 d | 19/7/2024 | 26/8/2024 | 857 d | 0 d |
| 1420 | R/F | 27 d | 22/9/2024 | 18/10/2024 | 824 d | 0 d |
| 1421 | TR/F | 18 d | 12/10/2024 | 29/10/2024 | 824 d | 0 d |
| 1422 | Block 2 (Arcade and Residential Mock Bldg.) | 309 d | 22/12/2023 | 25/10/2024 | 828 d | |
| 1423 | G/F | 142 d | 22/12/2023 | 11/5/2024 | 0 d | |
| 1424 | 1/F | 73 d | 5/5/2024 | 16/7/2024 | 0 d | 0 d |
| 1425 | 2/F | 30 d | 10/7/2024 | 8/8/2024 | 0 d | 0 d |
| 1426 | R/F | 39.7 d | 25/7/2024 | 7/9/2024 | 865 d | 0 d |
| 1427 | TR/F | 18 d | 8/10/2024 | 25/10/2024 | 828 d | 0 d |
| 1428 | Block 3 (MOE Bldg.) | 273 d | 17/1/2024 | 15/10/2024 | 838 d | |

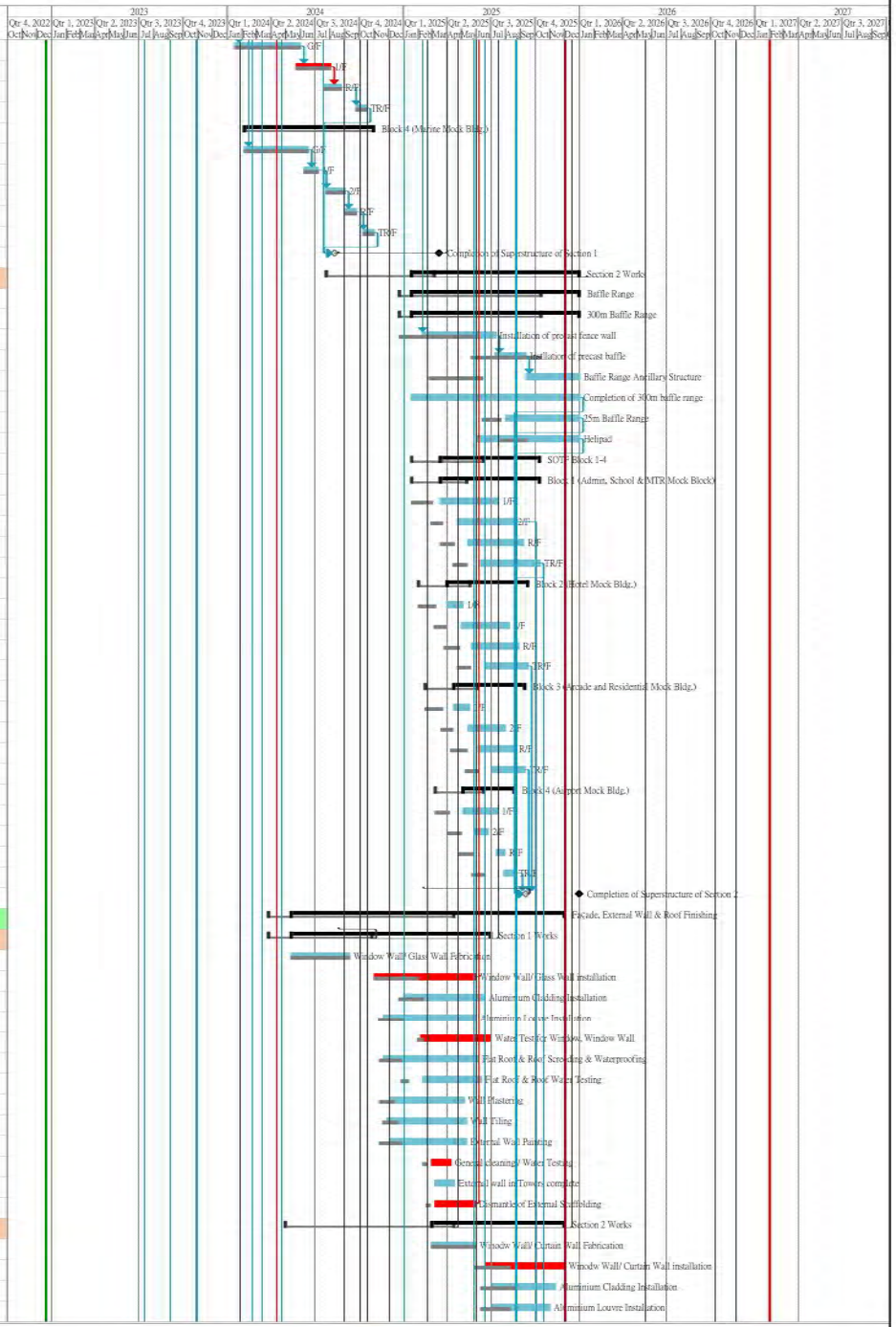



中國建築聯營
CHINA STATE JOINT VENTURE

Baseline Milestone | Milestone | Manual Task | Start-only | Path Driving Predecessor Milestone Task
Baseline Summary | Summary | Duration-only | Finish-only | Path Driving Predecessor Summary Task
Task | Inactive Milestone | Manual Summary Rollup | External Tasks | Path Driving Predecessor Normal Task
Critical Task | Inactive Summary | Manual Summary | External Milestone | Baseline

# Design & Construction of Kong Nga Po Police Training Facilities Programme

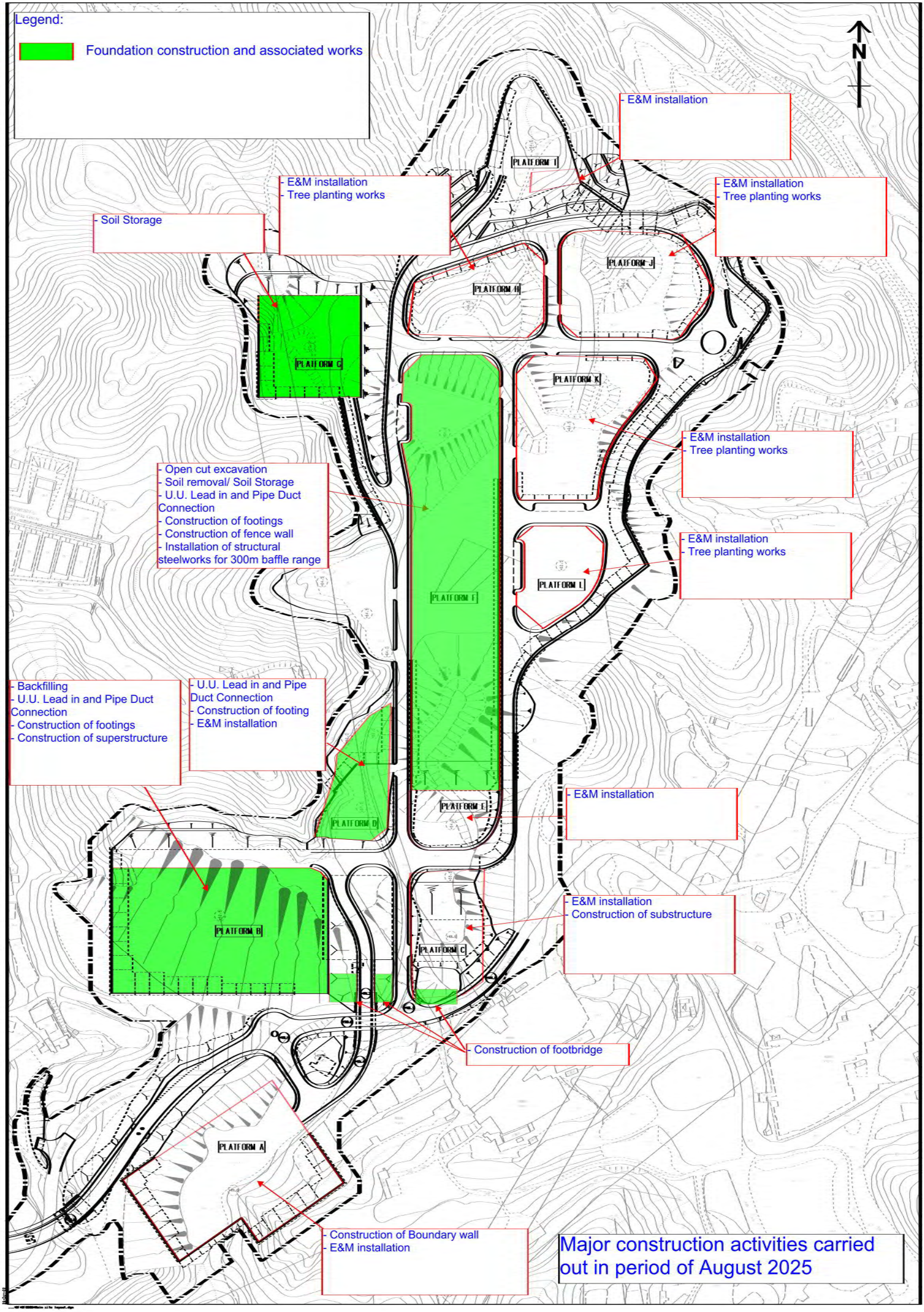
| ID | Task | Duration | Start | Finish | Total Slack | Time Risk Allowance |
|---|---|---|---|---|---|---|
| 1429 | G/F | 135 d | 17/1/2024 | 30/5/2024 | 0 d | |
| 1430 | 1/F | 70 d | 24/5/2024 | 1/8/2024 | 7.5 d | 0 d |
| 1431 | R/F | 35 d | 20/7/2024 | 23/8/2024 | 877 d | 0 d |
| 1432 | TR/F | 21 d | 25/9/2024 | 15/10/2024 | 838 d | 0 d |
| 1433 | Block 4 (Marine Mock Bldg.) | 268 d | 6/2/2024 | 30/10/2024 | 823 d | |
| 1434 | G/F | 131 d | 6/2/2024 | 15/6/2024 | 0 d | |
| 1435 | 1/F | 28 d | 9/6/2024 | 6/7/2024 | 0 d | 0 d |
| 1436 | 2/F | 38 d | 25/7/2024 | 31/8/2024 | 855 d | 0 d |
| 1437 | R/F | 21 d | 3/9/2024 | 23/9/2024 | 846 d | 0 d |
| 1438 | TR/F | 21 d | 10/10/2024 | 30/10/2024 | 823 d | 0 d |
| 1439 | Completion of Superstructure of Section 1 | 0 d | 15/3/2025 | 15/3/2025 | 687 d | 0 d |
| 1440 | **Section 2 Works** | 348 d | 18/1/2025 | 31/12/2025 | **396 d** | |
| 1441 | Baffle Range | 348 d | 18/1/2025 | 31/12/2025 | 395 d | |
| 1442 | 300m Baffle Range | 281 d | 18/1/2025 | 31/12/2025 | 329 d | |
| 1443 | Installation of precast fence wall | 117 d | 10/2/2025 | 10/7/2025 | 331 d | 0 d |
| 1444 | Instllation of precast baffle | 53 d | 11/7/2025 | 10/9/2025 | 331 d | **0 d** |
| 1445 | Baffle Range Ancillary Structure | 90 d | 13/9/2025 | 31/12/2025 | 329 d | 0 d |
| 1446 | Completion of 300m baffle range | 281 d | 18/1/2025 | 31/12/2025 | 329 d | **0 d** |
| 1447 | 25m Baffle Range | 126 d | 2/8/2025 | 31/12/2025 | 329 d | 0 d |
| 1448 | Helipad | 177 d | 2/6/2025 | 31/12/2025 | 329 d | 0 d |
| 1449 | SOTF Block 1-4 | 206 d | 19/3/2025 | 10/10/2025 | 392 d | |
| 1450 | Block 1 (Admin, School & MTR Mock Block) | 206 d | 19/3/2025 | 10/10/2025 | 392 d | |
| 1451 | 1/F | 95 d | 19/3/2025 | 15/7/2025 | 470 d | 0 d |
| 1452 | 2/F | 95 d | 24/4/2025 | 16/8/2025 | 290 d | 0 d |
| 1453 | R/F | 96 d | 15/5/2025 | 6/9/2025 | 424 d | 0 d |
| 1454 | TR/F | 101 d | 11/6/2025 | 10/10/2025 | 268 d | 0 d |
| 1455 | Block 2 (Hotel Mock Bldg.) | 167 d | 2/4/2025 | 15/9/2025 | 502 d | |
| 1456 | 1/F | 24 d | 2/4/2025 | 3/5/2025 | 529 d | 0 d |
| 1457 | 2/F | 81 d | 2/5/2025 | 7/8/2025 | 450 d | **0 d** |
| 1458 | R/F | 81 d | 23/5/2025 | 27/8/2025 | 433 d | 0 d |
| 1459 | TR/F | 75 d | 19/6/2025 | 15/9/2025 | 417 d | **0 d** |
| 1460 | Block 3 (Arcade and Residential Mock Bldg.) | 147 d | 16/4/2025 | 9/9/2025 | 508 d | |
| 1461 | 1/F | 24 d | 16/4/2025 | 17/5/2025 | 517 d | 0 d |
| 1462 | 2/F | 62 d | 16/5/2025 | 30/7/2025 | 457 d | 0 d |
| 1463 | R/F | 62 d | 6/6/2025 | 19/8/2025 | 440 d | 0 d |
| 1464 | TR/F | 58 d | 4/7/2025 | 9/9/2025 | 422 d | 0 d |
| 1465 | Block 4 (Airport Mock Bldg.) | 106 d | 5/5/2025 | 18/8/2025 | 530 d | |
| 1466 | 1/F | 58 d | 5/5/2025 | 14/7/2025 | 471 d | 0 d |
| 1467 | 2/F | 20 d | 31/5/2025 | 24/6/2025 | 487 d | 0 d |
| 1468 | R/F | 14 d | 14/7/2025 | 29/7/2025 | 458 d | 0 d |
| 1469 | TR/F | 18 d | 29/7/2025 | 18/8/2025 | 441 d | **0 d** |
| 1470 | Completion of Superstructure of Section 2 | 0 d | 31/12/2025 | 31/12/2025 | 396 d | 0 d |
| 1471 | **Façade, External Wall & Roof Finishing** | **567 d** | **13/5/2024** | **30/11/2025** | **427 d** | |
| 1472 | Section 1 Works | 414 d | 13/5/2024 | 30/6/2025 | 580 d | |
| 1473 | Window Wall/ Glass Wall Fabrication | 120 d | 13/5/2024 | 9/9/2024 | 874 d | 1 d |
| 1474 | Window Wall/ Glass Wall installation | 210 d | 2/11/2024 | 30/5/2025 | 605 d | 1 d |
| 1475 | Aluminium Cladding Installation | 167 d | 2/1/2025 | 17/6/2025 | 593 d | 0 d |
| 1476 | Aluminium Louvre Installation | 191 d | 21/11/2024 | 30/5/2025 | 611 d | 1 d |
| 1477 | Water Test for Window, Window Wall | 144 d | 7/2/2025 | 30/6/2025 | 580 d | 0 d |
| 1478 | Flat Roof & Roof Screeding & Waterproofing | 195 d | 21/11/2024 | 3/6/2025 | 607 d | **0 d** |
| 1479 | Flat Roof & Roof Water Testing | 120 d | 11/2/2025 | 10/6/2025 | 600 d | 0 d |
| 1480 | Wall Plastering | 153 d | 4/12/2024 | 5/5/2025 | 636 d | **1 d** |
| 1481 | Wall Tiling | 164 d | 28/11/2024 | 10/5/2025 | 631 d | 1 d |
| 1482 | External Wall Painting | 158 d | 4/12/2024 | 10/5/2025 | 631 d | 1 d |
| 1483 | General cleaning / Water Testing | 39 d | 1/3/2025 | 8/4/2025 | 663 d | 0 d |
| 1484 | External wall in Towers complete | 39 d | 8/3/2025 | 15/4/2025 | 656 d | 0 d |
| 1485 | Dismantle of External Scaffolding | 82 d | 8/3/2025 | 28/5/2025 | 607 d | 0 d |
| 1486 | Section 2 Works | 275 d | 1/3/2025 | 30/11/2025 | 427 d | |
| 1487 | Winodw Wall/ Curtain Wall Fabrication | 90 d | 1/3/2025 | 29/5/2025 | 612 d | 1 d |
| 1488 | Winodw Wall/ Curtain Wall installation | 135 d | 21/6/2025 | 30/11/2025 | 355 d | 1 d |
| 1489 | Aluminium Cladding Installation | 109 d | 4/7/2025 | 11/11/2025 | 371 d | 1 d |
| 1490 | Aluminium Louvre Installation | 99 d | 4/7/2025 | 30/10/2025 | 381 d | 1 d |

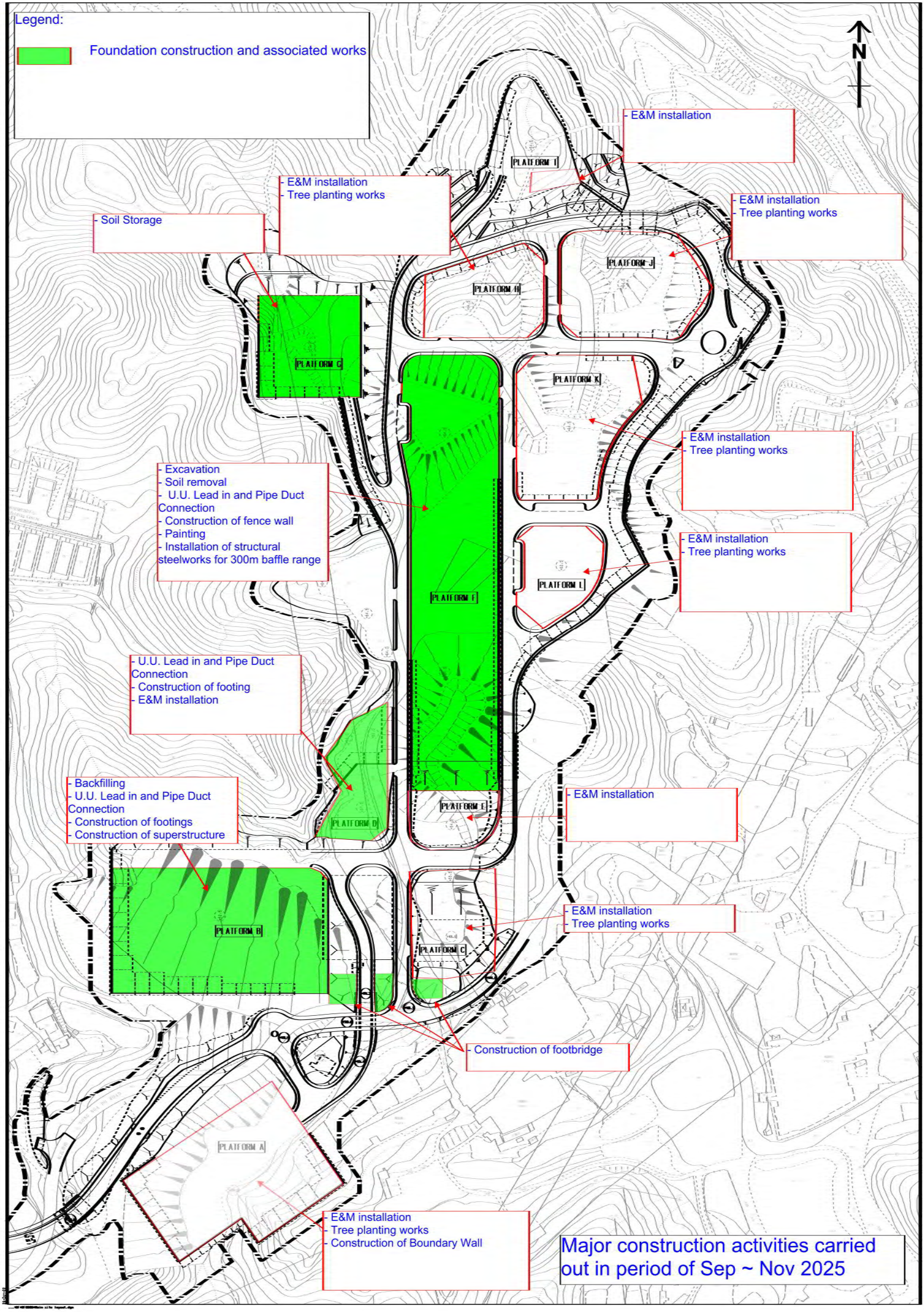



中國建築聯營
CHINA STATE JOINT VENTURE

Baseline Milestone · Milestone · Manual Task · Start-only · Path Driving Predecessor Milestone Task
Baseline Summary · Summary · Duration-only · Finish-only · Path Driving Predecessor Summary Task
Task · Inactive Milestone · Manual Summary Rollup · External Tasks · Path Driving Predecessor Normal Task
Critical Task · Inactive Summary · Manual Summary · External Milestone · Baseline

# Layout Plan with major construction activities


Legend:
Foundation construction and associated works
N
- E&M installation
- Tree planting works
- Soil Storage
- E&M installation
- Tree planting works
- E&M installation
- Tree planting works
- Open cut excavation
- Soil removal/ Soil Storage
- U.U. Lead in and Pipe Duct Connection
- Construction of footings
- Construction of fence wall
- Installation of structural steelworks for 300m baffle range
- E&M installation
- Tree planting works
- E&M installation
- Tree planting works
- Backfilling
- U.U. Lead in and Pipe Duct Connection
- Construction of footings
- Construction of superstructure
- U.U. Lead in and Pipe Duct Connection
- Construction of footing
- E&M installation
- E&M installation
- E&M installation
- Construction of substructure
- Construction of footbridge
- Construction of Boundary wall
- E&M installation
PLATFORM A
PLATFORM B
PLATFORM C
PLATFORM D
PLATFORM E
PLATFORM F
PLATFORM G
PLATFORM H
PLATFORM I
PLATFORM J
PLATFORM K
PLATFORM L
Major construction activities carried out in period of August 2025


Legend:
Foundation construction and associated works
N
- E&M installation
- E&M installation
- Tree planting works
- Soil Storage
- E&M installation
- Tree planting works
- Excavation
- Soil removal
- U.U. Lead in and Pipe Duct Connection
- Construction of fence wall
- Painting
- Installation of structural steelworks for 300m baffle range
- E&M installation
- Tree planting works
- E&M installation
- Tree planting works
- U.U. Lead in and Pipe Duct Connection
- Construction of footing
- E&M installation
- Backfilling
- U.U. Lead in and Pipe Duct Connection
- Construction of footings
- Construction of superstructure
- E&M installation
- E&M installation
- Tree planting works
- Construction of footbridge
- E&M installation
- Tree planting works
- Construction of Boundary Wall
PLATFORM I
PLATFORM H
PLATFORM J
PLATFORM G
PLATFORM K
PLATFORM F
PLATFORM L
PLATFORM E
PLATFORM D
PLATFORM B
PLATFORM C
PLATFORM A
Major construction activities carried out in period of Sep ~ Nov 2025

# Proactive Environmental Protection Proforma

Design and Construction of Kong Nga Po Police Training Facilities Working Period: Aug to Oct 2025

Proactive Environmental Protection Proforma

| **Ref*** | **Proposed Construction Method** | **Location/Working Period** | **Anticipated Major Impacts** | **Recommended Mitigation Measures** |
|---|---|---|---|---|
| EIA 3.9.1; EM&A Log 2.2 | Open cut excavation | Kong Nga Po Site | Dust impact from excavation activities and earth moving | • Use of regular water spraying (once every 1.25 hours or 8 times per day) at all active works area exposed site surfaces and unpaved roads, particularly during dry weather<br>• Deploy water bowser for regular water spraying to enhance dust suppression<br>• Manual water spraying for dusty operation where inaccessible by water bowser<br>• Speed control of site transportation<br>• Stockpile of dusty materials will be covered by tarpaulin sheets to avoid wind-blown dust<br>• Vehicles used for transporting dusty materials/spoils will be covered by mechanical cover before leaving the site<br>• Wheel washing facilities will be provided and cleaning the wheel of all vehicles before leaving the site |
| EIA 4.4.6; EM&A Log 3.2 | | | Noise Control | • Regular inspection and maintenance of plant & equipment in good condition |

| | | | | |
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| | | | | • Enclose the noisy part of machineries with noise enclosure<br>• Adopt of Quality Powered Mechanical Equipment (QPME) if possible |
| | | | Working in Restricted Hours | • Valid construction noise permit should be obtained and displayed on site<br>• In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out |
| EIA 5.6.1.2;<br>EM&A Log 4.2 | | | Water Pollution Control | • Cover the stockpiles of construction materials to reduce the potential for water pollution<br>• Provide wastewater treatment facilities prior to discharge of wastewater<br>• Regular inspection and maintenance of wastewater treatment facilities<br>• Wastewater pumped out of the excavation areas will be treated to remove suspended solids prior to discharge<br>• Hard paving or well-compact of main haul road to minimize washout of soil<br>• Wheels of all vehicles and plants will be cleaned before leaving the work areas to remove sediment, soil and debris from the tracked. The wastewater will be treated and reused on site or discharged. |
| EIA 7.5.1.1 & | | | Waste Generation | • Training of site personnel in proper waste management and |

| | | | | |
|---|---|---|---|---|
| 7.5.1.2;<br>EM&A Log 6.2 | | | | chemical handling procedures<br>• Proper storage and sorting of excavated inert materials to maximize on site reuse for backfilling<br>• Surplus inert C&D materials will be disposed of at designated Government's PFRF. |
| EIA 7.5.1.4;<br>EM&A Log 6.2 | | | Chemical Waste | • Chemical waste should be stored at chemical waste container and collected by a licensed collector to transport and dispose of at the approved Chemical Waste Treatment Centre<br>• Drip tray and chemical spillage kit will be provided on site |
| EIA 9.7.1 and EM&A Log 8.3 | | | Ecology Concern | • Provide training to frontline workers for the conservative species<br>• Provision of protective fence for the conservative species<br>• Regular inspection for concerned vegetation and conservative species |
| EIA Table 10.11;<br>EM&A Table 9.1 | | | Landscape and Visual Impact | • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement<br>• Restrict construction area to minimize the impact on existing retained trees |
| EIA 3.9.1;<br>EM&A Log 2.2 | Soil Removal | Kong Nga Po Site | Dust impact from excavation activities and earth | • Use of regular water spraying (once every 1.25 hours or 8 times per day) at all active works area exposed site surfaces and unpaved roads, particularly during dry weather |

| | | | | |
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| | | | moving | • Water spraying during loading and unloading of excavated materials<br>• Vehicles used for transporting dusty materials/spoils will be covered by mechanical cover before leaving the site<br>• Deploy water bowser for regular water spraying to enhance dust suppression<br>• Speed control of site transportation<br>• Stockpile of dusty materials will be covered by tarpaulin sheets to avoid wind-blown dust<br>• Wheel washing facilities will be provided and cleaning the wheel of all vehicles before leaving the site |
| EIA 4.4.6;<br>EM&A Log 3.2 | | | Noise Control | • Regular inspection and maintenance of plant & equipment in good condition<br>• Enclose the noisy part of machineries with noise enclosure<br>• Adopt of Quality Powered Mechanical Equipment (QPME) if possible |
| | | | Working in Restricted Hours | • Valid construction noise permit should be obtained and displayed on site<br>• In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out |
| EIA 5.6.1.2;<br>EM&A Log 4.2 | | | Water Pollution Control | • Cover the stockpiles of excavated materials to reduce the potential for water pollution |

| | | | | |
|---|---|---|---|---|
| | | | | • Provide wastewater treatment facilities prior to discharge of wastewater<br>• Regular inspection and maintenance of wastewater treatment facilities<br>• Wheels of all vehicles and plants will be cleaned before leaving the work areas to remove sediment, soil and debris from the tracked. The wastewater will be treated and reused on site or discharged. |
| EIA 7.5.1.1 & 7.5.1.2;<br>EM&A Log 6.2 | | | Waste Generation | • Training of site personnel in proper waste management and chemical handling procedures<br>• Proper storage and sorting of excavated inert materials to maximize on site reuse for backfilling<br>• Surplus inert C&D materials will be disposed of at designated Government's PFRF. |
| EIA 7.5.1.4;<br>EM&A Log 6.2 | | | Chemical Waste | • Chemical waste should be stored at chemical waste container and collected by a licensed collector to transport and dispose of at the approved Chemical Waste Treatment Centre<br>• Drip tray and chemical spillage kit will be provided on site |
| EIA 9.7.1 and EM&A Log 8.3 | | | Ecology Concern | • Provide training to frontline workers for the conservative species<br>• Provision of protective fence for the conservative species<br>• Regular inspection for concerned vegetation and conservative |

| | | | | |
|---|---|---|---|---|
| | | | | species |
| EIA Table 10.11; EM&A Table 9.1 | | | Landscape and Visual Impact | • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement<br>• Restrict construction area to minimize the impact on existing retained trees |
| EIA 3.9.1; EM&A Log 2.2 | Construction of footings | Kong Nga Po Site | Air | • Regular inspection and maintenance of plant and equipment in good condition<br>• Regularly clean up stockpiles and debris to avoid accumulation of materials<br>• Dusty materials exceeding 20 bags shall be stored in area sheltered on top and the three sides or covered entirely by impervious sheeting. |
| EIA 4.4.6; EM&A Log 3.2 | | | Noise Control | • Regular inspection and maintenance of plant & equipment in good condition<br>• Enclose the noisy part of machineries with noise enclosure<br>• Adopt of Quality Powered Mechanical Equipment (QPME) if possible |
| | | | Working in Restricted Hours | • Valid construction noise permit should be obtained and displayed on site<br>• In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out |

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| EIA 5.6.1.2; EM&A Log 4.2 | | | Water Pollution Control | • Wheels of all vehicles and plants will be cleaned before leaving the work areas to remove sediment, soil and debris from the tracked. The wastewater will be treated and reused on site or discharged.<br>• Designated location for residual concrete washout<br>• Provide wastewater treatment facilities prior to discharge of wastewater |
| EIA 7.5.1.4; EM&A Log | | | Chemical Waste | • Drip tray and chemical spillage kit shall be provided on site |
| EIA 9.7.1 and EM&A Log 8.3 | | | Ecology Concern | • Provide training to frontline workers for the conservative species<br>• Provision of protective fence for the conservative species<br>• Regular inspection for concerned vegetation and conservative species |
| EIA Table 10.11; EM&A Table 9.1 | | | Landscape and Visual Impact | • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement<br>• Implement temporary traffic arrangement which control construction area to minimize landscape and visual impacts |
| EIA 3.9.1; EM&A Log 2.2 | Construction of substructure and | Kong Nga Po Site | Air | • Regular inspection and maintenance of plant and equipment in good condition<br>• Regularly clean up stockpiles and debris to avoid |

| | | | | |
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| | superstructure | | | accumulation of materials<br>• Dusty materials exceeding 20 bags shall be stored in area sheltered on top and the three sides or covered entirely by impervious sheeting. |
| EIA 4.4.6;<br>EM&A Log 3.2 | | | Noise Control | • Regular inspection and maintenance of plant & equipment in good condition<br>• Enclose the noisy part of machineries with noise enclosure<br>• Adopt of Quality Powered Mechanical Equipment (QPME) if possible |
| | | | Working in Restricted Hours | • Valid construction noise permit should be obtained and displayed on site<br>• In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out |
| EIA 5.6.1.2;<br>EM&A Log 4.2 | | | Water Pollution Control | • Cover the stockpiles of construction materials to reduce the potential for water pollution<br>• Provide wastewater treatment facilities prior to discharge of wastewater<br>• Wastewater generated from surface runoff shall be treated prior to discharge<br>• Manholes should be temporarily sealed to prevent silt, construction materials or debris from entering the drainage system. |

| | | | | |
|---|---|---|---|---|
| EIA 7.5.1.1; EM&A Log 6.2 | | | Waste Management | • Cover stockpiles of C&D materials by impervious sheets to avoid wind-blown dust.<br>• Spray water on all dusty materials including C&D materials immediately prior to any loading transfer operation<br>• Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal |
| EIA 7.5.1.4; EM&A Log 6.2 | | | Chemical Waste | • Drip tray and chemical spillage kit shall be provided on site |
| EIA 9.7.1 and EM&A Log 8.3 | | | Ecology Concern | • Provide training to frontline workers for the conservative species<br>• Provision of protective fence for the conservative species<br>• Regular inspection for concerned vegetation and conservative species |
| EIA Table 10.11; EM&A Table 9.1 | | | Landscape and Visual Impact | • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement<br>• Implement temporary traffic arrangement which control construction area to minimize landscape and visual impacts |
| EIA 3.9.1; EM&A Log 2.2 | Construction of footbridge | Kong Nga Po Site | Air | • Regular inspection and maintenance of plant and equipment in good condition |

| | | | | |
|---|---|---|---|---|
| | | | | • Water spraying during loading and unloading of excavated materials<br>• Regularly clean up stockpiles and debris to avoid accumulation of materials<br>• Dusty materials exceeding 20 bags shall be stored in area sheltered on top and the three sides or covered entirely by impervious sheeting. |
| EIA 4.4.6;<br>EM&A Log 3.2 | | | Noise Control | • Regular inspection and maintenance of plant & equipment in good condition<br>• Adopt of Quality Powered Mechanical Equipment (QPME) if possible |
| | | | Working in Restricted Hours | • Valid construction noise permit should be obtained and displayed on site<br>• In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out |
| EIA 5.6.1.2;<br>EM&A Log 4.2 | | | Water Pollution Control | • Cover the stockpiles of construction materials to reduce the potential for water pollution<br>• Provide wastewater treatment facilities prior to discharge of wastewater<br>• Wastewater generated from surface runoff shall be treated prior to discharge |
| EIA 7.5.1.1; | | | Waste | • Cover stockpiles of C&D materials by impervious sheets to |

| | | | | |
|---|---|---|---|---|
| EM&A Log 6.2 | | | Management | avoid wind-blown dust.<br>• Spray water on all dusty materials including C&D materials immediately prior to any loading transfer operation<br>• Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal |
| EIA 7.5.1.4; EM&A Log 6.2 | | | Chemical Waste | • Drip tray and chemical spillage kit shall be provided on site |
| EIA Table 10.11; EM&A Table 9.1 | | | Landscape and Visual Impact | • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement<br>• Implement temporary traffic arrangement which control construction area to minimize landscape and visual impacts |
| EIA 3.9.1; EM&A Log 2.2 | Backfilling | Kong Nga Po Site | Air | • Deploy water bowser for regular water spraying to enhance dust suppression<br>• Manual water spraying for dusty operation where inaccessible by water bowser<br>• Speed control of site transportation<br>• Stockpile of dusty materials will be covered by tarpaulin sheets to avoid wind-blown dust<br>• Vehicles used for transporting dusty materials/spoils will be covered by mechanical cover before leaving the site |

| | | | | |
|---|---|---|---|---|
| | | | | • Wheel washing facilities will be provided and cleaning the wheel of all vehicles before leaving the site |
| EIA 4.4.6;<br>EM&A Log 3.2 | | | Noise Control | • Regular inspection and maintenance of plant & equipment in good condition<br>• Enclose the noisy part of machineries with noise enclosure<br>• Adopt of Quality Powered Mechanical Equipment (QPME) if possible |
| | | | Working in Restricted Hours | • Valid construction noise permit should be obtained and displayed on site<br>• In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out |
| EIA 5.6.1.2;<br>EM&A Log 4.2 | | | Water Pollution Control | • Cover the stockpiles of construction materials to reduce the potential for water pollution<br>• Provide wastewater treatment facilities prior to discharge of wastewater<br>• Regular inspection and maintenance of wastewater treatment facilities<br>• Wastewater pumped out of the excavation areas will be treated to remove suspended solids prior to discharge<br>• Hard paving or well-compact of main haul road to minimize washout of soil<br>• Wheels of all vehicles and plants will be cleaned before |

| | | | | |
|---|---|---|---|---|
| | | | | leaving the work areas to remove sediment, soil and debris from the tracked. The wastewater will be treated and reused on site or discharged. |
| EIA 7.5.1.1 & 7.5.1.2;<br>EM&A Log 6.2 | | | Waste Generation | • Training of site personnel in proper waste management and chemical handling procedures<br>• Proper storage and sorting of excavated inert materials to maximize on site reuse for backfilling<br>• Surplus inert C&D materials will be disposed of at designated Government's PFRF or reuse at other contracts. |

**EIA Ref/ EM&A Log/ Design Document Ref*

***Details of equipment, vehicles, plants, processes, technologies for the construction method*

Design and Construction of Kong Nga Po Police Training Facilities Working Period: August 2025

Proactive Environmental Protection Proforma

| **Ref*** | **Proposed Construction Method** | **Location/Working Period** | **Anticipated Major Impacts** | **Recommended Mitigation Measures** | **Photo Records (Partial)** |
|---|---|---|---|---|---|
| EIA 3.9.1; EM&A Log 2.2 | Open cut excavation | Kong Nga Po Site | Dust impact | • Manual water spraying for dust suppression<br>• Regular inspection and maintenance of plant and equipment in good condition<br>• Cover stockpile with impervious sheets or grout<br>• Provide wheel washing facility at site entrance |  <br>By subcontractor at KNP site |

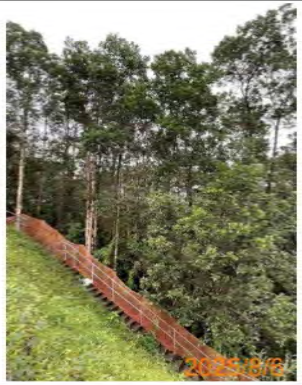
| | | | | | |
|---|---|---|---|---|---|
| | | | | |  <br>By subcontractor at KNP site |
| EIA 4.4.6; EM&A Log 3.2 | | | Noise | • Regular inspection and maintenance of plant & equipment in good condition<br>• Deploy Quality Powered Mechanical Equipment (QPME) if possible<br>• Valid construction noise permit should be displayed at site entrance. |  <br>By main contractor at KNP site |

| | | | | | |
|---|---|---|---|---|---|
| | | | | |  <br>By main contractor at KNP site |
| EIA 9.7.1 and EM&A Log 8.3 | | | Ecology Concern | • Provide training to workers about the conservative species<br>• Provision of protective fence for the conservative species<br>• Regular inspection for concerned vegetation and conservative species |  <br>By main contractor at KNP site |

| | | | | | |
|---|---|---|---|---|---|
| | | | | |  <br>By subcontractor at KNP site |
| EIA 3.9.1; EM&A Log 2.2 | Soil Removal | Kong Nga Po Site | Air | • Deploy water bowser for regular water spraying to enhance dust suppression<br>• Cover dusty materials with impervious sheets<br>• Exposed slopes covered with waterproof layers such as tarpaulin sheets or grout to reduce the potential for sediment laden runoff entering |  <br>By main contractor at KNP site |

| | | | | | |
|---|---|---|---|---|---|
| | | | | the drainage system.<br>• The speed of the trucks within the site should be controlled to about 10km/hour in order to reduce adverse dust impacts and secure the safe movement around the site. |  <br>By subcontractor at KNP site |
| EIA 4.4.6; EM&A Log 3.2 | | | Noise | • Regular inspection and maintenance of plant & equipment in good condition<br>• Deploy Quality Powered Mechanical Equipment (QPME) if possible |  <br>By main contractor at KNP site |

| | | | | | |
|---|---|---|---|---|---|
| EIA 5.6.1.2 and EM&A Log 4.2 | | | Water Quality | • Cover exposed slopes with impervious sheets or cement grout.<br>• Wastewater pumped out of the excavation areas shall be treated to remove suspended solid prior to discharge.<br>• Provide desilting/ sedimentation devices for wastewater treatment prior to discharge.<br>• Provide drip tray to prevent spillage of fuels |  <br>By main contractor at KNP site<br>  <br>By main contractor at KNP site |

| | | | | | |
|---|---|---|---|---|---|
| | | | | |  <br>By main contractor at KNP site |
| EIA Table 10.11; EM&A Table 9.1 | | | Landscape and Visual Impact | • Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement<br>• Implement temporary traffic arrangement which control construction area to |  <br>By main contractor at KNP site |

| | | | | | |
|---|---|---|---|---|---|
| | | | | minimize landscape and visual impacts<br>• Minimize visual impact during construction stage. Site office not visually prominent from public room and surrounding<br>• Planting will take place as soon the planting area is installed with subsoil drainage<br>• Decorative hoarding is provided | |
| EIA 3.9.1; EM&A Log 2.2 | Construction of footings, substructure and superstructure | Kong Nga Po Site | Air | • Cover dusty materials with impervious sheets<br>• Exposed slopes covered with waterproof layers such as tarpaulin sheets or grout to reduce the potential for sediment laden runoff entering |  |

| | | | | | |
|---|---|---|---|---|---|
| | | | | the drainage system.<br>• Provide wheel washing facility at site entrance | By subcontractor at KNP site<br>  <br><br>By subcontractor at KNP site<br>  <br><br>By main contractor at KNP site |

| | | | | | |
|---|---|---|---|---|---|
| | | | | |  <br>By main contractor at KNP site |
| EIA 4.4.6; EM&A Log 3.2 | | | Noise | • Valid construction noise permit should be obtained and displayed on site |  <br>By main contractor at KNP site |

| | | | | | |
|---|---|---|---|---|---|
| EIA 5.6.1.3 and EM&A Log 4.2 | | | Water Quality | • Surface water from concrete batching areas and the rest of the site should be separated as far as possible.<br>• Temporary drainage is free of obstruction.<br>• Gullies are sealed to prevent silt or debris from entering the drainage system. |  <br>By subcontractor at KNP site<br>  <br>By main contractor at KNP site |

| | | | | | |
|---|---|---|---|---|---|
| | | | | |  By main contractor at KNP site |
| EIA 7.5.1.2 and EM&A Log 6.2 | | | Waste Management | • Segregation and storage of different types of waste in different containers or skips or stockpiles to enhance reuse or recycling of materials and their proper disposal<br>• Sort non-inert C&D materials to recover any recyclable portions |  By main contractor at KNP site |

# APPENDIX B
# ACTION AND LIMIT LEVELS

## Appendix B - Action and Limit Levels

Table B-1 Action and Limit Levels for 1-hour TSP

| Monitoring station | Action Level (ug/$m^3$) | Limit Level (ug/$m^3$) |
|---|---|---|
| AM1 | 308 | 500 |
| AM2 | 311 | |

Table B-2 Action and Limit Levels for Construction Noise

| Time Period | Action Level | Limit Level |
|---|---|---|
| 0700-1900 hours<br>on normal weekdays | When one documented<br>complaint is received | 75 dB(A) |

Noted:
If works are to be carried during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority have to be followed.

# APPENDIX C
# COPIES OF CALIBRATION CERTIFCATES

AQuality
東恒測試顧問有限公司
AQUALITY TESTCONSULT LIMITED
香港新界粉嶺坪輋路啟芳園11A&B號
NO.11A&B, KAI FONG GARDEN, PING CHE ROAD, FANLING, N.T., HONG KONG
TEL : 852-2674-0478
FAX : 852-2674-1177
EMAIL : main.aqtl@gmail.com
WEBSITE : www.aqtlgroup.com

# CERTIFICATE OF CALIBRATION

| | | |
|---|---|---|
| Ka Shing Facility Management Ltd.<br><br>Flat C, 14/F, Jing Ho Industrical Building, 78-84 Wang Lung Street, Tsuen Wan, N.T. | Test Report No. | 250512MCA-1P |
| | Date of Issue | 12-May-25 |
| | Date of Testing | 11-May-25 |
| | Page | 1 of 1 |

**Item for Calibration**

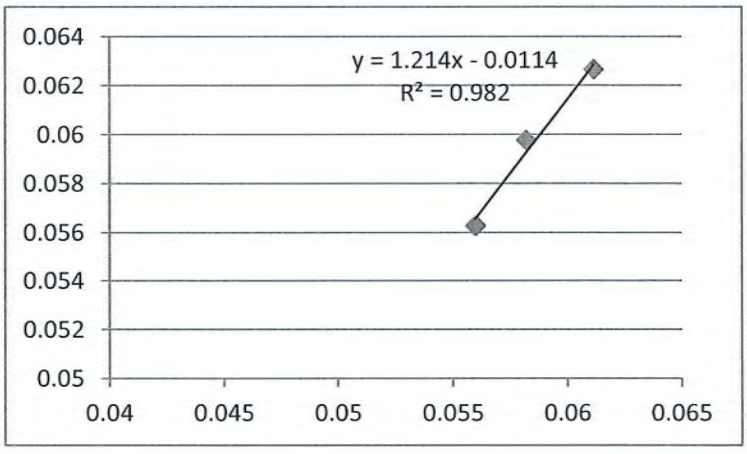
Description : Laser Dust Monitor
Manufacturer : Met One Instruments, Inc.
Model No. : AEROCET-831
Serial No. : D12641

**Standard Equipment**

Description : High Volume Sampler / Calibration Orifice
Manufacturer : Tisch Environmental, Inc.
Model No. : TE-5170 / TE-5025A
Serial No. 3476 / 4088
Last Calibration : 24-AUG-24 / 15-OCT-24

| Date | Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration Standard Equipment (mg/m3) | Concentration Calibrated Equipment (mg/m3) |
|---|---|---|---|---|---|
| 11-May-25 | 19:00 | 24.8 | 1010.1 | 0.0612 | 0.0627 |
| 11-May-25 | 20:05 | 24.8 | 1010.1 | 0.0560 | 0.0563 |
| 11-May-25 | 21:10 | 24.8 | 1010.1 | 0.0582 | 0.0598 |

By Linear Regression of Y or X
Slope : 1.2140
Correlation Coefficient : 0.9820
K-Factor : 0.9817
Validity of Calibration : 10-May-26




Recorded by : Jessica Liu Signature: Jessica Date: 11-May-25

Checked by : S Tang Signature: Tang Date: 11-May-25

TISCH Environmental

| RECALIBRATION DUE DATE: |
|---|
| October 15, 2025 |

# Certificate of Calibration

| Calibration Certification Information | | | | |
|---|---|---|---|---|
| **Cal. Date:** | October 15, 2024 | **Rootsmeter S/N:** 438320 | **Ta:** 294 | °K |
| **Operator:** | Jim Tisch | | **Pa:** 752.1 | mm Hg |
| **Calibration Model #:** | TE-5025A | **Calibrator S/N:** **4088** | | |

| Run | Vol. Init (m3) | Vol. Final (m3) | ΔVol. (m3) | ΔTime (min) | ΔP (mm Hg) | ΔH (in H2O) |
|---|---|---|---|---|---|---|
| 1 | 1 | 2 | 1 | 1.4330 | 3.2 | 2.00 |
| 2 | 3 | 4 | 1 | 1.0260 | 6.4 | 4.00 |
| 3 | 5 | 6 | 1 | 0.9190 | 7.9 | 5.00 |
| 4 | 7 | 8 | 1 | 0.8740 | 8.8 | 5.50 |
| 5 | 9 | 10 | 1 | 0.7230 | 12.7 | 8.00 |

**Data Tabulation**

| Vstd (m3) | Qstd (x-axis) | $\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$ (y-axis) | Va | Qa (x-axis) | $\sqrt{\Delta H\left(Ta/Pa\right)}$ (y-axis) |
|---|---|---|---|---|---|
| 0.9988 | 0.6970 | 1.4164 | 0.9957 | 0.6949 | 0.8842 |
| 0.9945 | 0.9693 | 2.0031 | 0.9915 | 0.9664 | 1.2505 |
| 0.9925 | 1.0800 | 2.2395 | 0.9895 | 1.0767 | 1.3980 |
| 0.9913 | 1.1342 | 2.3488 | 0.9883 | 1.1308 | 1.4663 |
| 0.9861 | 1.3639 | 2.8328 | 0.9831 | 1.3598 | 1.7684 |
| **QSTD** | **m=** | **2.12356** | **QA** | **m=** | **1.32974** |
| | **b=** | **-0.05931** | | **b=** | **-0.03702** |
| | **r=** | **0.99996** | | **r=** | **0.99996** |

**Calculations**

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

**For subsequent flow rate calculations:**

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

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

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

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

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

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

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

**Cal Lab Limited 校正實驗室有限公司**
Room 2103, Technology Plaza, 29-35 Sha Tsui Road,
Tsuen Wan, NT, Hong Kong
Tel: +852 25680106 Email: info@callab.com.hk
Fax: +852 30116194 Website: www.callab.com.hk

ACCREDITED
Certifiate #3815.01

## Calibration Certificate No.: CC0072503

**Information provided by customer**

Customer: Ka Shing Facility Management Ltd
Address: Unit 2, 13/F, Kai Yue Commercial Building, 2C Argyle St, Mong Kok, Kowloon

**Equipment Identification provided by customer**

| Equipment Description | Manufacturer | Model No. | Serial No. | Assigned equipment No. |
|---|---|---|---|---|
| Aerosol Mass Monitor | Met One Instrument | AEROCET 831 | D12641 | N/A |

**Certificate Information**

| | | | |
|---|---|---|---|
| Date of Receipt: | 5 March 2025 | Calibration Condition: | 22.8°C, 57%RH, 1006hPa |
| Date of Calibration: | 13 March 2025 | Adjustment: | N/A |
| Recommended Next Cal. Date: | N/A | Appearance: | Good |
| Calibration Procedure: | ISO 21501-4:2018 | Remark: | N/A |

**Reference Equipment Identification**

| Equipment Description | Model | Serial No. | Expiration Date |
|---|---|---|---|
| Aerosol Monitor | 8534 | 8534182605 | 6 December 2026 |

## Result of Calibration

**Indication**

| Dust | Reference Setting ($mg/m^3$) | Measured reading ($mg/m^3$) | Error (%) | Uncertainty (%FS) | Technical Requirement | Technical Reference Doc. |
|---|---|---|---|---|---|---|
| TSP | 0.099 | 0.0964 | -2.6 | 14.0 | ± 10% | Mfr's Spec. |
| TSP | 0.202 | 0.1951 | -3.4 | 14.0 | ± 10% | Mfr's Spec. |
| TSP | 0.300 | 0.2923 | -2.6 | 14.0 | ± 10% | Mfr's Spec. |

CT-GAS-01

Note1: The estimated expanded uncertainties have been calculated in "Evaluation and expression of uncertainty in measurement" and give an internal estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.
Note2: The standard (s) and instrument used in the calibration are traceable to national or international recognized standard and are calibrated on a schedule to maintain the accuracy and good condition.
Note3: The result reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long term stability of the instrument.
Note4: The result shows in this calibration certificate relate only to the item calibrated, and the result only applies to the calibration item as received.
Note5: Calibration item/ parameter marked with * is out of scope of Cal Lab Limited (A2LA 3815.01).

Calibrated By: Wing Cheng

Checked and Approved By: Warren Yeung

Company Chop:

Certificate Issue Date: 19 March 2025

CT-BEG-04

***** End of Certificate *****

**Cal Lab Limited 校正實驗室有限公司**
Room 2103, Technology Plaza, 29-35 Sha Tsui Road,
Tsuen Wan, NT, Hong Kong
Tel: +852 25680106 Email: info@callab.com.hk
Fax: +852 30116194 Website: www.callab.com.hk

## Calibration Certificate No.: CC0782503

**Information provided by customer**

Customer: Cal Lab Limited
Address: Room 2103, Technology Plaza, 29-35 Sha Tsui Road, Tsuen Wan, NT, Hong Kong

**Equipment Identification provided by customer**

| Equipment Description | Manufacturer | Model No. | Serial No. | Assigned equipment No. |
|---|---|---|---|---|
| High Volume Sampler | Qingdao Hengyuan | HY-1000E | 1406071 | N/A |

**Certificate Information**

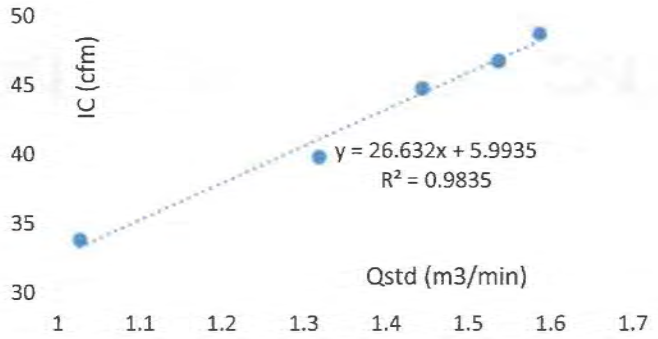
| | | | |
|---|---|---|---|
| Date of Receipt: | 18 March 2025 | Calibration Condition: | 24.1°C, 52%RH, 1004hPa |
| Date of Calibration: | 18 March 2025 | Adjustment: | N/A |
| Recommended Next Cal. Date: | N/A | Appearance: | Good |
| Calibration Procedure: | Performance check | Remark: | N/A |

**Reference Equipment Identification**

| Equipment Description | Model | Serial No. | Expiration Date |
|---|---|---|---|
| Calibration Orifices | TE-5025 | 4088 | 15 October 2025 |

**Result of Calibration**

| Test | $H_2O$ (in) | $Q_{std}$ ($m^3$/min) | I (chart) | IC (corrected) |
|---|---|---|---|---|
| 1 | 5.0 | 1.586 | 49.0 | 48.76 |
| 2 | 4.5 | 1.536 | 47.0 | 46.77 |
| 3 | 4.0 | 1.443 | 45.0 | 44.78 |
| 4 | 3.5 | 1.318 | 40.0 | 39.80 |
| 5 | 2.5 | 1.025 | 34.0 | 33.83 |

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Note2: The standard (s) and instrument used in the calibration are traceable to national or international recognized standard and are calibrated on a schedule to maintain the accuracy and good condition.
Note3: The result reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long term stability of the instrument.
Note4: The result shows in this calibration certificate relate only to the item calibrated, and the result only applies to the calibration item as received.
Note5: Calibration item/ parameter marked with * is out of scope of Cal Lab Limited (A2LA 3815.01).

Calibrated By: Checked and Approved By: Company Chop:

Wing Cheng Warren Yeung Certificate Issue Date: 19 March 2025

CT-BEG-04

***** End of Certificate *****

**Cal Lab Limited** 校正實驗室有限公司
Room 2103, Technology Plaza, 29-35 Sha Tsui Road,
Tsuen Wan, NT, Hong Kong
Tel: +852 25680106 Email: info@callab.com.hk
Fax: +852 30116194 Website: www.callab.com.hk

**Appendix of CC0782503**
Calibration Certificate of Calibration Orifices

TISCH Environmental

| RECALIBRATION DUE DATE: |
|---|
| October 15, 2025 |

# Certificate of Calibration

| Calibration Certification Information | | | |
|---|---|---|---|
| Cal Date: October 15, 2024 | Rootsmeter S/N: 438320 | Ta: 294 | °K |
| Operator: Jim Tisch | | Pa: 752.2 | mm Hg |
| Calibration Model #: TE-5025A | Calibrator S/N: 4088 | | |

| Run | Vol. Init (m3) | Vol. Final (m3) | ΔVol (m3) | ΔTime (min) | ΔP (mm Hg) | ΔH (in H2O) |
|---|---|---|---|---|---|---|
| 1 | 1 | 2 | 1 | 1.4330 | 3.2 | 2.00 |
| 2 | 3 | 4 | 1 | 1.0760 | 6.4 | 4.00 |
| 3 | 5 | 6 | 1 | 0.9190 | 7.9 | 5.00 |
| 4 | 7 | 8 | 1 | 0.8740 | 8.8 | 5.50 |
| 5 | 9 | 10 | 1 | 0.7230 | 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) | $\sqrt{\Delta H(Ta/Pa)}$ (y-axis) |
|---|---|---|---|---|---|
| 0.9988 | 0.6970 | 1.4164 | 0.9957 | 0.6949 | 0.8842 |
| 0.9945 | 0.9693 | 2.0031 | 0.9915 | 0.9664 | 1.2505 |
| 0.9925 | 1.0800 | 2.2395 | 0.9895 | 1.0767 | 1.3980 |
| 0.9913 | 1.1342 | 2.3488 | 0.9883 | 1.1308 | 1.4663 |
| 0.9861 | 1.3639 | 2.8328 | 0.9831 | 1.3598 | 1.7684 |
| QSTD | m= | 2.12356 | QA | m= | 1.32974 |
| | b= | 0.05931 | | b= | 0.03702 |
| | r= | 0.99996 | | r= | 0.99996 |

**Calculations**

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

For subsequent flow rate calculations:

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

| Standard Conditions | |
|---|---|
| Tstd | 298.15 °K |
| Pstd | 760 mm Hg |

**Key**

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

**RECALIBRATION**

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

rsch Environmental, Inc
45 South Miami Avenue
illage of Cleves, OH 45002

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

***** End of Appendix *****

**Cal Lab Limited 校正實驗室有限公司**
Room 2103, Technology Plaza, 29-35 Sha Tsui Road,
Tsuen Wan, NT, Hong Kong
Tel: +852 25680106 Email: info@callab.com.hk
Fax: +852 30116194 Website: www.callab.com.hk

## Calibration Certificate No.: CC0792503

**Information provided by customer**

Customer: Ka Shing Facility Management Ltd
Address: Unit 2, 13/F, Kai Yue Commercial Building, 2C Argyle St, Mong Kok, Kowloon

**Equipment Identification provided by customer**

| Equipment Description | Manufacturer | Model No. | Serial No. | Assigned equipment No. |
|---|---|---|---|---|
| Aerosol Mass Monitor | Met One Instrument | AEROCET 831 | D12641 | N/A |

**Certificate Information**

| | | | |
|---|---|---|---|
| Date of Receipt: | 5 March 2025 | Calibration Condition: | 23.2°C, 48%RH, 1004hPa |
| Date of Calibration: | 19 March 2025 | Adjustment: | N/A |
| Recommended Next Cal. Date: | N/A | Appearance: | Good |
| Calibration Procedure: | In-House Method | Remark: | N/A |

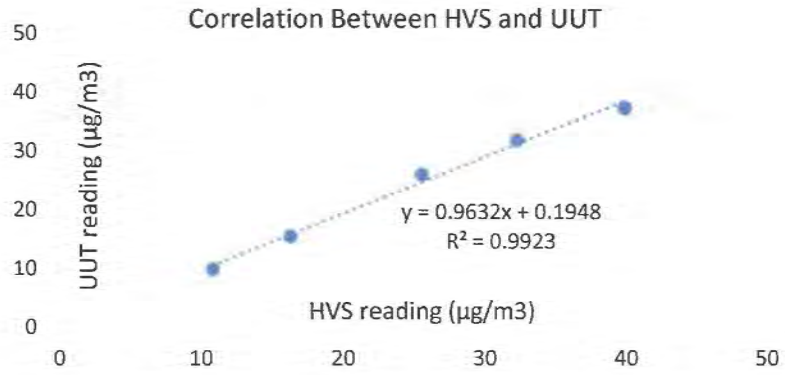
**Reference Equipment Identification**

| Equipment Description | Model | Serial No. | Expiration Date |
|---|---|---|---|
| High Volume Sampler | HY-1000E | 1406071 | 17 March 2026 |

**Result of Calibration**

**Indication**

| Trial | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Equipment | Measuremet result (µg/m3) | | | | |
| High Volume Sampler (HVS) | 39.8 | 32.2 | 25.4 | 16.2 | 10.7 |
| Unit Under Test (UUT) | 37.4 | 31.9 | 26.0 | 15.5 | 9.9 |




Note1: The estimated expanded uncertainties have been calculated in "Evaluation and expression of uncertainty in measurement" and give an internal estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.
Note2: The standard (s) and instrument used in the calibration are traceable to national or international recognized standard and are calibrated on a schedule to maintain the accuracy and good condition.
Note3: The result reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long term stability of the instrument.
Note4: The result shows in this calibration certificate relate only to the item calibrated, and the result only applies to the calibration item as received.
Note5: Calibration item/ parameter marked with * is out of scope of Cal Lab Limited (A2LA 3815.01).

Calibrated By: Wing Cheng

Checked and Approved By: Warren Yeung

Company Chop: Cal Lab Limited 校正實驗室有限公司

Certificate Issue Date: 19 March 2025

CT-BEG-04

***** End of Certificate *****

AQuality
東恒測試顧問有限公司
AQUALITY TESTCONSULT LIMITED
香港新界粉嶺坪輋路啟芳園11A&B號
NO.11A&B, KAI FONG GARDEN, PING CHE ROAD, FANLING, N.T., HONG KONG
TEL : 852-2674-0478
FAX : 852-2674-1177
EMAIL : main.aqtl@gmail.com
WEBSITE : www.aqtlgroup.com

# CERTIFICATE OF CALIBRATION

Report Number : 250315MCA-1P
Date of Report : 15-Mar-25

Customer * : Ka Shing Facility Management Ltd.
Customer Address* : Flat C, 14/F, Jing Ho Industrical Building, 78-84 Wang Lung Street, Tsuen Wan, N.T.
Customers Ref. * : K194

Item Under Calibration (IUC)*
Equipment No. : 224534
Manufacturer : Met One Instruments, Inc.
Model No. : AEROCET-831
Serial No. : E11304
Scale Division : 0.001 mg/m3
Range : 0.001 to 1 mg/m3
Condition of Item : Normal

Date Item Received : 14-Mar-25
Date Calibrated : 14-Mar-25
Calibration Location : AQuality Calibration Lab.
Date of Next Calibration : 13-Mar-26
Calibrated By : Jessica Liu

Test Environment
Ambient Temperature : 20.1 °C to 23.5 °C
Relative Humidity : 70 % to 75 %

## Calibration Results

| Reference True Reading ($mg/m^3$) | Average IUC Reading ($mg/m^3$) | Correction ($mg/m^3$) | Error of IUC Reading (%) | Coverage Factor K |
|---|---|---|---|---|
| 0.215 | 0.226 | 0.011 | 4.9% | 2.0 |
| 0.481 | 0.491 | 0.010 | 2.1% | 2.0 |
| 0.830 | 0.837 | 0.007 | 0.9% | 2.0 |

Remarks :
1. * Denotes information supplied by customer.
2. The results relate only to the items calibrated.
3. The results apply to the items as received.
4. Correction = Average of (Ref reading - IUC reading)
5. The technical requirement of laser dust meter. +/- 20% error for the particles concentration.

Approved by: _____
LEE Mei Yee, Julia
Managing Director

AQuality
東恒測試顧問有限公司
AQUALITY TESTCONSULT LIMITED
香港新界粉嶺坪輋路啟芳園11A&B號
NO.11A&B, KAI FONG GARDEN, PING CHE ROAD, FANLING, N.T., HONG KONG
TEL : 852-2674-0478
FAX : 852-2674-1177
EMAIL : main.aqtl@gmail.com
WEBSITE : www.aqtlgroup.com

# CERTIFICATE OF CALIBRATION

Report Number : 250315MCA-1P
Date of Report : 15-Mar-25

Customer * : Ka Shing Facility Management Ltd.
Customers Ref. * : K194

**Details of Calibration**

1. The calibration was performed in accordance with AQuality Testconsult Procedure Number ENV-L-003 (in-house method), by comparison with the laboratory's reference equipment which have traceable international standards of measurement.

2. The item under calibration (IUC) was allowed to stabilize in the laboratory for 0.25 hour before commencement of calibration.

3. A set of readings were made at each calibration concentration. The values quoted in the results are the average of each set of readings.

4. The values given in this calibration certificate only relate to the values measured at the time of calibration. Any uncertainties quoted do not include allowance for the capabiliy of any other laboratory to repeat the measurement. The uncertainty quoted relate only to item at time of calibration. AQuality Testconsult Limited is not liable for any loss or damage resulting from the use of this equipment.

5. The identification, calibration certificate numbers for the reference equipment used were as follows :

| Equipment Number | Certificate Number | Description |
|---|---|---|
| CH-LDM-1 | CC1592412 | 粉尘测试仪 |

6. Copies of the Calibration certificates of the reference equipment used in this calibration may be obtained from AQuality Testconsult Limited, if necessary.

- End of Report -

AQuality
東恒測試顧問有限公司
AQUALITY TESTCONSULT LIMITED
香港新界粉嶺坪輋路啟芳園11A&11B號
No. 11A&11B, KAI FONG GARDEN, PING CHE ROAD, FANLING, N.T., HONG KONG
TEL : 852-3582-9589
FAX : 852-2674-1177
EMAIL : cal.aqtl@gmail.com
WEBSITE: www.aqtlgroup.com

# CERTIFICATE OF CALIBRATION

| | | |
|---|---|---|
| Ka Shing Facility Management Ltd.<br><br>Flat C, 14/F, Jing Ho Industrical Building, 78-84 Wang Lung Street, Tsuen Wan, N.T. | Test Report No. | 250315MCA-1P |
| | Date of Issue | 15-Mar-25 |
| | Date of Testing | 14-Mar-25 |
| | Page | 1 of 1 |

**Item for Calibration**

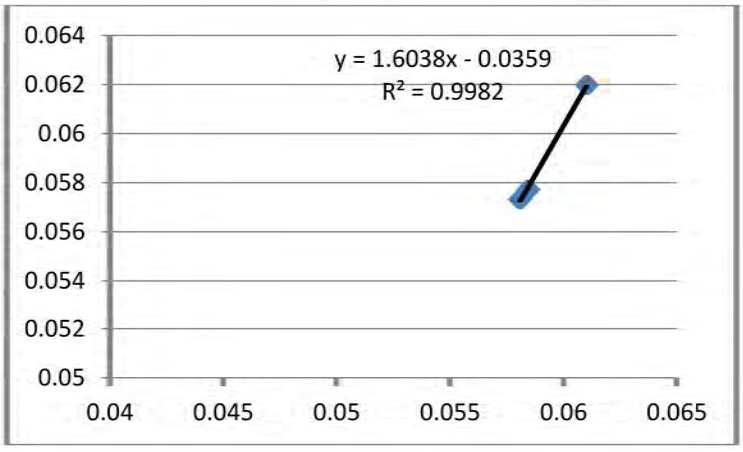
Description : Laser Dust Monitor
Manufacturer : Met One Instruments, Inc.
Model No. : AEROCET-831
Serial No. : E11304

**Standard Equipment**

Description : High Volume Sampler / Calibration Orifice
Manufacturer : Tisch Environmental, Inc.
Model No. : TE-5170 / TE-5025A
Serial No. 3476 / 4088
Last Calibration : 24-AUG-24 / 15-OCT-24

| Date | Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration Standard Equipment (mg/m3) | Concentration Calibrated Equipment (mg/m3) |
|---|---|---|---|---|---|
| 14-Mar-25 | 19:00 | 20.5 | 1014.4 | 0.0610 | 0.0620 |
| 14-Mar-25 | 20:05 | 20.5 | 1014.4 | 0.0581 | 0.0573 |
| 14-Mar-25 | 21:10 | 20.5 | 1014.4 | 0.0585 | 0.0577 |

By Linear Regression of Y or X
Slope : 1.6038
Correlation Coefficient : 0.9982
K-Factor : 1.0037
Validity of Calibration : 13-Mar-26




Recorded by : Jessica Liu Signature: Jessica Date: 14-Mar-25

Checked by : S Tang Signature: Tang Date: 14-Mar-25

TISCH Environmental

| RECALIBRATION DUE DATE: |
|---|
| October 15, 2025 |

# Certificate of Calibration

| Calibration Certification Information | | | | |
|---|---|---|---|---|
| **Cal. Date:** | October 15, 2024 | **Rootsmeter S/N:** 438320 | **Ta:** 294 | °K |
| **Operator:** | Jim Tisch | | **Pa:** 752.1 | mm Hg |
| **Calibration Model #:** | TE-5025A | **Calibrator S/N:** **4088** | | |

| Run | Vol. Init (m3) | Vol. Final (m3) | ΔVol. (m3) | ΔTime (min) | ΔP (mm Hg) | ΔH (in H2O) |
|---|---|---|---|---|---|---|
| 1 | 1 | 2 | 1 | 1.4330 | 3.2 | 2.00 |
| 2 | 3 | 4 | 1 | 1.0260 | 6.4 | 4.00 |
| 3 | 5 | 6 | 1 | 0.9190 | 7.9 | 5.00 |
| 4 | 7 | 8 | 1 | 0.8740 | 8.8 | 5.50 |
| 5 | 9 | 10 | 1 | 0.7230 | 12.7 | 8.00 |

**Data Tabulation**

| Vstd (m3) | Qstd (x-axis) | $\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$ (y-axis) | Va | Qa (x-axis) | $\sqrt{\Delta H\left(Ta/Pa\right)}$ (y-axis) |
|---|---|---|---|---|---|
| 0.9988 | 0.6970 | 1.4164 | 0.9957 | 0.6949 | 0.8842 |
| 0.9945 | 0.9693 | 2.0031 | 0.9915 | 0.9664 | 1.2505 |
| 0.9925 | 1.0800 | 2.2395 | 0.9895 | 1.0767 | 1.3980 |
| 0.9913 | 1.1342 | 2.3488 | 0.9883 | 1.1308 | 1.4663 |
| 0.9861 | 1.3639 | 2.8328 | 0.9831 | 1.3598 | 1.7684 |
| **QSTD** | **m=** | **2.12356** | **QA** | **m=** | **1.32974** |
| | **b=** | **-0.05931** | | **b=** | **-0.03702** |
| | **r=** | **0.99996** | | **r=** | **0.99996** |

**Calculations**

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

**For subsequent flow rate calculations:**

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

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

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

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

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

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

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

# FAQ / Information

## Mutual Recognition Arrangements (MRA) / Multilateral Recognition Arrangements (MLA)

### Mutual Recognition Arrangement (MRA) Partners for HOKLAS

Every effort is made to promote acceptance of test data from accredited laboratories, both internationally and locally. HKAS has concluded mutual recognition arrangements with accreditation bodies listed below by being one of the signatories of the International Laboratory Accreditation Cooperation Mutual Recognition Arrangement (ILAC MRA) and the Asia Pacific Accreditation Cooperation Mutual Recognition Arrangement (APAC MRA) for testing, calibration, medical testing, Proficiency Testing Providers (PTP) and Reference Material Producers (RMP). Click here to view the up-to-date signatories of ILAC and here to access the up-to-date signatories of APAC.

Visitors checking the names, logos and accreditation symbols shown on an endorsed certificate or report should note that some of our MRA partners may have their names, logos or accreditation symbols changed recently and test reports or certificates endorsed by displaying their old accreditation symbols may still be valid during the change-over period. For details, please visit their websites or contact them directly.

» Mutual Recognition Arrangement (MRA) Partners for HOKLAS

HKAS MRA partners will recognise HOKLAS endorsed test certificates as having the same technical validity as certificates endorsed by their respective schemes.

### Multilateral Recognition Arrangements (MLA) for HKCAS

### Mutual Recognition Arrangement (MRA) Partners for HKIAS

back

# Hong Kong Laboratory Accreditation Scheme (HOKLAS) - Mutual Recognition Arrangement (MRA) Partners

| Economy | Logo | Name of Partner | URL | Test Area |
|---|---|---|---|---|
| United Kingdom of Great Britain and Northern Ireland | | United Kingdom Accreditation Service (UKAS) | http://www.ukas.com | Calibration, Medical Testing, Non-medical Testing, Proficiency Testing Provider, Reference Material Producer |
| United States of America | | AIHA Laboratory Accreditation Programs, LLC (AIHA-LAP, LLC) | http://www.aihaaccreditedlabs.org/ | Non-medical Testing |
| United States of America | | American Association for Laboratory Accreditation (A2LA) | http://www.a2la.org | Calibration, Medical Testing, Non-medical Testing, Proficiency Testing Provider, Reference Material Producer |
| United States of America | | ANSI National Accreditation Board (ANAB) | http://www.anab.org/ | Calibration, Medical Testing, Non-medical Testing, Proficiency Testing Provider, Reference Material Producer |
| United States of America | | International Accreditation Service Inc. (IAS) | http://www.iasonline.org/ | Calibration, Medical Testing, Non-medical Testing |
| United States of America | | National Accreditation Center LLC (NAC) | | Calibration, Non-medical Testing |
| United States of America | | National Voluntary Laboratory Accreditation Program (NVLAP) | http://www.nist.gov/nvlap | Calibration, Non-medical Testing |

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## AQUALITY TESTCONSULT LIMITED

11A&B, KAI FONG GARDEN, PING CHE ROAD
FANLING, HONG KONG

**Calibration Laboratory CL-207**

has met the requirements of AC204, *IAS Accreditation Criteria for Calibration Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories.* This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date February 19, 2024

IAS ACCREDITED

***President***

Visit www.iasonline.org for current accreditation information.

| MEASURED QUANTITY or DEVICE TYPE CALIBRATED | RANGE | UNCERTAINTY[1,2] (±) | CALIBRATION PROCEDURE AND/OR STANDARD EQUIPMENT USED |
|---|---|---|---|
| | | | dimensional requirements as specified in BS 1881- Part 105: 1984) |
| Test Sieve[3] | 4 mm to 50 mm | 50 µm | Reference Caliper by direct measurement as per BS 410 : 1986 |
| Elongation Gauge[3] | Gap between Pins of Gauge 10 mm to 100 mm | 0.29 mm | Reference Caliper by direct measurement (Verification in accordance with in-house method for the dimensional requirements as specified in BS 812- Part 1:1975; BS 812- Part 105.2: 1990) |
| Flakiness Gauge[3] | Length of Slot of Gauge 4.9 mm to 33.9 mm | 0.06 mm | Reference Caliper by direct measurement ((Verification in accordance with in-house method for the dimensional requirements as specified in BS 812- Part 1:1975; BS 812- Part105.1:1985; BS 812- Part105.1:1989) |
| Riffle Box[3] | Width 6 mm to 100 mm | 0.06 mm | Reference Caliper by direct measurement (Verification in accordance with in-house method for the dimensional requirements as specified in BS 812- Part 1:1975) |
| ***Mechanical*** | | | |
| Force Measuring Machine[3] (Compression Mode) | 1 kN to 3000 kN | 0.4 % | Reference Load cell by direct measurement (Based on BS 1610: Part 1:1985; BS 1610: Part 1:1992; BS EN ISO 12390-4:2000 Annex B; BS EN 12390-4: 2019; BS EN ISO 7500-1:2004, BS EN ISO 7500-1: 2015, BS EN ISO 7500-1: 2018) |
| Laser Dust Meter[3] | Dust particles 0.1 mg/m³ to 3 mg/m³ 3 mg/m³ to 8 mg/m³ | 0.006 mg/m³ 0.39 mg/m³ | By comparison method by using reference laser dust meter (Based on ISO 12103-1:2016) |
| Rebound Hammer[3] | 80 unit (hardness) | 1.6 rebound count | Reference Rebound count by comparison method (Based on BS1881: Part 202:1986; BS EN 12504-2:2001; BS EN |

聲學測試服務有限公司
Acoustic Testing Services Limited
Unit E, 2/F., Century Industrial Centre, 33-35 Au Pui Wan Street, Fo Tan, Shatin, New Territories, Hong Kong
Tel: (852) 2690 9126 Fax: (852) 2690 9125 E-mail: info@ATSL.com.hk http://www.ATSL.com.hk

# Certificate of Calibration

Certificate No. ATS25-008-CC001

| | |
|---|---|
| **Customer:** | **Ka Shing Facilities Management Limited**<br>Flat C, 14/F., Jing Ho Industrial Building,<br>78-84 Wing Lung Street, Tsuen Wan,<br>N.T., Hong Kong |
| **Unit-under-test (UUT):** | |
| **Description:** | Sound Analyzer , Microphone , Pre-amplifier |
| **Manufacturer:** | Rion |
| **Type No.:** | NL-53 , UC-59 , NH-25 |
| **Serial No.:** | 01130782 , 24906 , 33673 |
| **Conditions during calibration:** | |
| **Temperature:** | 23°C |
| **Relative Humidity:** | 65% |
| **Test Specifications:** | Calibration Check |
| **Date of Calibration:** | 23 January 2025 |
| **Test Results:** | All calibration points are within manufacturer's specification. |

***Certified by:*** _____

***Mr. Ching Mau LAM / Quality Manager***
***MIOA, MHKIOA***

**Issue Date: 24 January 2025**

Unit E, 2/F., Century Industrial Centre, 33-35 Au Pui Wan Street, Fo Tan, Shatin, New Territories, Hong Kong
Tel: (852) 2690 9126 Fax: (852) 2690 9125 E-mail: info@ATSL.com.hk http://www.ATSL.com.hk

1. The instrument under test was allowed to stabilize in the laboratory for over 24 hours.

2. Calibration equipment:

| | |
|---|---|
| **Description:** | Sound Calibrator |
| **Manufacturer & Type:** | Brüel & Kjær 4231 |
| **Serial No.:** | 2478237 |
| **Last Calibration Date:** | 27 February 2024 |
| **Certificate No.:** | AV240026 |

The calibration equipment used for calibration is traceable to National Standards via Standards and Calibration Laboratory, the Government of the HKSAR.

3. The Sound Analyzer has been calibrated in accordance with the requirements as specified in IEC 61672-1 Class 1, and vendor specific procedures.

4. The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted, if any, will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. Acoustic Testing Services Limited shall not be liable for any loss or damage resulting from the use of the equipment.

5. Calibration Results

| Setting of unit-under-test (UUT) | | | | Applied value | | UUT Reading, dB | IEC 61672-1 Class 1 Tolerance Limits, dB | Conclusion |
|---|---|---|---|---|---|---|---|---|
| Range, dB | Parameter | Frequency Weighting | Response | Level, dB | Frequency, Hz | | | |
| 30-130 | SPL | A | F | 94.00 | 1000 | 94.0 | ± 0.7 | PASS |
| | | | S | | | 94.0 | ± 0.7 | PASS |
| | | | I | | | 94.0 | ± 0.7 | PASS |
| | | C | F | | | 94.0 | ± 0.7 | PASS |
| | | | S | | | 94.0 | ± 0.7 | PASS |
| | | | I | | | 94.0 | ± 0.7 | PASS |
| | | L | F | | | 94.0 | ± 0.7 | PASS |
| | | | S | | | 94.0 | ± 0.7 | PASS |
| | | | I | | | 94.0 | ± 0.7 | PASS |
| | | A | F | 114.00 | 1000 | 114.0 | ± 0.7 | PASS |
| | | | S | | | 114.0 | ± 0.7 | PASS |
| | | | I | | | 114.0 | ± 0.7 | PASS |

All calibration points are within manufacturer's specification.

聲學測試服務有限公司
Acoustic Testing Services Limited
Unit E, 2/F., Century Industrial Centre, 33 –35 Au Pui Wan Street, Fo Tan, Shatin, New Territories, Hong Kong
Tel: (852) 2690 9126 Fax: (852) 2690 9125 E-mail: info@ATSL.com.hk http://www.ATSL.com.hk

# Certificate of Calibration

Certificate No. ATS25-008-CC002

| | |
|---|---|
| **Customer:** | **Ka Shing Facility Management Limited**<br>Flat C, 14/F., Jing Ho Industrial Building,<br>78-84 Wing Lung Street, Tsuen Wan,<br>N.T., Hong Kong |
| **Unit-under-test (UUT):** | |
| **Description:** | Sound Level Meter , Microphone , Pre-amplifier |
| **Manufacturer:** | BSWA Technology |
| **Type No.:** | BSWA 308 , 231 , MA231T |
| **Serial No.:** | 610062 , 591574 , 610373 |
| **Conditions during calibration:** | |
| **Temperature:** | 26°C |
| **Relative Humidity:** | 58% |
| **Test Specifications:** | Calibration Check |
| **Date of calibration:** | 24 April 2025 |
| **Test Results:** | All calibration points are within manufacturer's specification. |

***Certified by:*** _____

***Mr. Ching Mau LAM / Quality Manager***
***MIOA, MHKIOA***

**Issue Date: 24 April 2025**

Unit E, 2/F., Century Industrial Centre, 33 –35 Au Pui Wan Street, Fo Tan, Shatin, New Territories, Hong Kong
Tel: (852) 2690 9126 Fax: (852) 2690 9125 E-mail: info@ATSL.com.hk http://www.ATSL.com.hk

1. The instrument under test was allowed to stabilize in the laboratory for over 24 hours.

2. Calibration equipment:

| | |
|---|---|
| **Description:** | Multifunction Acoustical Calibrator |
| **Manufacturer & Type:** | Brüel & Kjær 4226 |
| **Serial No.:** | 2919264 |
| **Last Calibration Date:** | 11 September 2024 |
| **Certificate No.:** | 2GB24018355-0001 |

The calibration equipment used for calibration is traceable to National Standards via China Ceprei Laboratory Calibration & Testing Centre. The Multifunction Acoustical Calibrator Brüel & Kjær 4226 has been accredited calibrated by other laboratory and it is found that it cannot fulfill the tolerance limits for frequency at 2000 Hz only, since the Brüel & Kjær 4226 is designed for old year version of IEC 60942 (or JJG 176), but the tolerance limits for frequency as well as sound pressure level, are updated in the most updated version of standards. However, it can still fulfill the requirements for sound pressure level from 31.5 Hz to 8000 Hz.

3. The Sound Analyzer has been calibrated in accordance with the requirements as specified in IEC 61672-1 Class 1, and vendor specific procedures.

4. The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted, if any, will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. Acoustic Testing Services Limited shall not be liable for any loss or damage resulting from the use of the equipment.

## 5. Calibration Results

### 5.1 Sound Pressure Level

Reference Sound Pressure Level

| Setting of unit-under-test (UUT) | | | Applied value | | UUT Reading, dB | IEC 61672-1 Class 1 Tolerance Limits, dB | Conclusion |
|---|---|---|---|---|---|---|---|
| Range, dB | Parameter | Time Weighting | Level, dB | Frequency, Hz | | | |
| 22-136 | dBA SPL | Fast | 94.0 | 1000 | 94.0 | ± 0.7 | PASS |

Linearity

| Setting of unit-under-test (UUT) | | | Applied value | | UUT Reading, dB | IEC 61672-1 Class 1 Tolerance Limits, dB | Conclusion |
|---|---|---|---|---|---|---|---|
| Range, dB | Parameter | Time Weighting | Level, dB | Frequency, Hz | | | |
| 22-136 | dBA SPL | Fast | 94.0 | 1000 | 94.0 | ± 0.7 | PASS |
| | | | 104.0 | | 104.0 | ± 0.7 | PASS |
| | | | 114.0 | | 114.0 | ± 0.7 | PASS |

Time Weighting

| Setting of unit-under-test (UUT) | | | Applied value | | UUT Reading, dB | IEC 61672-1 Class 1 Tolerance Limits, dB | Conclusion |
|---|---|---|---|---|---|---|---|
| Range, dB | Parameter | Time Weighting | Level, dB | Frequency, Hz | | | |
| 22-136 | dBA SPL | Fast | 94.0 | 1000 | 94.0 | ± 0.7 | PASS |
| | | Slow | | | 94.0 | ± 0.7 | PASS |

Frequency Response

A-weighting:

| Setting of unit-under-test (UUT) | | | Applied value | | UUT Reading, dB | IEC 61672-1 Class 1 Tolerance Limits, dB | Conclusion |
|---|---|---|---|---|---|---|---|
| Range, dB | Parameter | Time Weighting | Level, dB | Frequency, Hz | | | |
| 22-136 | SPL | Fast | 54.6 | 31.5 | 54.7 | ± 1.5 | PASS |
| | | | 67.8 | 63 | 67.9 | ± 1.0 | PASS |
| | | | 77.9 | 125 | 77.9 | ± 1.0 | PASS |
| | | | 85.4 | 250 | 85.4 | ± 1.0 | PASS |
| | | | 90.8 | 500 | 90.8 | ± 1.0 | PASS |
| | | | 94.0 | 1000 | 94.0 | ± 0.7 | PASS |
| | | | 95.2 | 2000 | 95.0 | ± 1.0 | PASS |
| | | | 95.0 | 4000 | 94.1 | ± 1.0 | PASS |
| | | | 92.9 | 8000 | 90.4 | +1.5; -2.5 | PASS |

C-weighting:

| Setting of unit-under-test (UUT) | | | Applied value | | UUT Reading, dB | IEC 61672-1 Class 1 Tolerance Limits, dB | Conclusion |
|---|---|---|---|---|---|---|---|
| Range, dB | Parameter | Time Weighting | Level, dB | Frequency, Hz | | | |
| 22-136 | SPL | Fast | 91.0 | 31.5 | 91.1 | ± 1.5 | PASS |
| | | | 93.2 | 63 | 93.3 | ± 1.0 | PASS |
| | | | 93.8 | 125 | 93.9 | ± 1.0 | PASS |
| | | | 94.0 | 250 | 94.0 | ± 1.0 | PASS |
| | | | 94.0 | 500 | 94.0 | ± 1.0 | PASS |
| | | | 94.0 | 1000 | 94.0 | ± 0.7 | PASS |
| | | | 93.8 | 2000 | 93.6 | ± 1.0 | PASS |
| | | | 93.2 | 4000 | 92.4 | ± 1.0 | PASS |
| | | | 91.0 | 8000 | 88.5 | +1.5; -2.5 | PASS |

Linear:

| Setting of unit-under-test (UUT) | | | Applied value | | UUT Reading, dB | IEC 61672-1 Class 1 Tolerance Limits, dB | Conclusion |
|---|---|---|---|---|---|---|---|
| Range, dB | Parameter | Time Weighting | Level, dB | Frequency, Hz | | | |
| 22-136 | SPL | Fast | 94.0 | 31.5 | 94.2 | ± 1.5 | PASS |
| | | | | 63 | 94.1 | ± 1.0 | PASS |
| | | | | 125 | 94.0 | ± 1.0 | PASS |
| | | | | 250 | 94.0 | ± 1.0 | PASS |
| | | | | 500 | 94.0 | ± 1.0 | PASS |
| | | | | 1000 | 94.0 | ± 0.7 | PASS |
| | | | | 2000 | 93.8 | ± 1.0 | PASS |
| | | | | 4000 | 93.2 | ± 1.0 | PASS |
| | | | | 8000 | 91.8 | +1.5; -2.5 | PASS |

All calibration points are within manufacturer's specification.

# CERTIFICATE OF CALIBRATION

**Class 1**

京制01020122号

**TYPE:** BSWA 308 **S/N:** 630146

**1. APPEARANCE** Pass

**2. CALIBRATION** (sound)

Calibrator: BK4231 Sound Level: 93.8 dB Frequency: 1000 Hz

Microphone Model / SN: MP231 /610759

| Filter | Nominal[dB] | Indication[dB] | Error[dB] |
|---|---|---|---|
| A | 93.8 | 93.8 | 0.0 |
| C | 93.8 | 93.8 | 0.0 |
| Z | 93.8 | 93.8 | 0.0 |

**3. FREQUENCY WEIGHTINGS** (sound & electrical)

Z-weighting (sound & electrical); A/C-weighting (electrical, plus Z-weighting error)

| Frequency [Hz] | Attenuation[dB] | | |
|---|---|---|---|
| | A | C | Z |
| 10 | -69.0 | -14.3 | 0.0 |
| 20 | -50.3 | -6.2 | 0.0 |
| 31.5 | -39.6 | -3.1 | 0.0 |
| 63 | -26.2 | -0.8 | 0.0 |
| 125 | -16.2 | -0.2 | 0.0 |
| 250 | -8.7 | 0.0 | 0.0 |
| 500 | -3.3 | 0.0 | 0.0 |
| 1000 | 0.1 | 0.1 | 0.1 |
| 2000 | 1.3 | -0.1 | 0.1 |
| 4000 | 0.7 | -1.1 | -0.2 |
| 8000 | -1.1 | -3.0 | 0.5 |
| 16000 | -13.5 | -15.5 | -0.6 |
| 20000 | -28.0 | -30.0 | -3.1 |

**4. LEVEL LINEARITY** (electrical)

Filter=A; Fsin=1kHz

| Nominal[dB] | 20 | 21 | 22 | 23 | 24 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 89 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Indication[dB] | 20.1 | 21.2 | 22.2 | 23.2 | 24.2 | 25.2 | 30.1 | 39.9 | 49.9 | 59.9 | 70.0 | 80.0 | 89.0 |
| Error[dB] | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | -0.1 | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 |
| Nominal[dB] | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 110 | 120 |
| Indication[dB] | 90.0 | 91.0 | 92.0 | 93.0 | 94.0 | 95.0 | 96.0 | 97.0 | 98.0 | 99.0 | 100.0 | 110.0 | 120.0 |
| Error[dB] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nominal[dB] | 129 | 130 | 131 | 132 | 133 | 134 | | | | | | | |
| Indication[dB] | 129.0 | 130.0 | 131.0 | 132.0 | 133.0 | 134.0 | | | | | | | |
| Error[dB] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | |

**5. SELF-GENERATED NOISE LEVEL** (sound)

Measured in anechoic chamber with microphone; Backlight Off; Electrical noise please refer user manual

| Filter | A | C | Z |
|---|---|---|---|
| Indication[dB] | ~ 18 | ~ 23 | ~ 31 |

**6. TIME WEIGHTINGS** (electrical)

Filter=A; Fsin=4kHz; Steady Level=132dBA

| Detector | F | S |
|---|---|---|
| Rate of Decay[dB/s] | 34.7 | 4.4 |
| Delta of F/S[dB] | 0.0 | |

**7. TONEBURST RESPONSE** (electrical)

Filter=A; Fsin=4kHz

Steady Level $L_A$= 132.0 dB

| Tone Burst Duration [ms] | Response[dB] | | |
|---|---|---|---|
| | $L_{AFmax}-L_A$ | $L_{ASmax}-L_A$ | $L_{AE}-L_A$ |
| 500 | -0.1 | -4.1 | -3.1 |
| 200 | -1.0 | -7.5 | -7.1 |
| 50 | -4.9 | -13.2 | -13.1 |
| 10 | -11.2 | -20.1 | -20.1 |



**8. REPEATED TONEBURST RESPONSE** (electrical)

Filter=A; Fsin=4kHz

Steady Level $L_A$= 132.0 dB

| Tone Burst Duration [ms] | Tone Burst Interval [ms] | Response[dB] $L_{AeqT}-L_A$ |
|---|---|---|
| 500 | 2000 | -7.0 |
| 200 | 800 | -7.1 |
| 50 | 200 | -7.1 |
| 10 | 40 | -7.1 |

**9. OVERLOAD INDICATION** (electrical)

Filter=A; Fsin=1000Hz

| Nominal[dB] | Error[dB] | | | Delta of Positive and Negative[dB] |
|---|---|---|---|---|
| | Steady | Positive Half Cycle | Negative Half Cycle | |
| 134.1 | 0.0 | 0.1 | 0.1 | 0.0 |

**10. C-WEIGHTED PEAK SOUND LEVEL** (electrical)

Filter=C; Peak; Fsin=500Hz

| Steady Signal Level | $(L_{Cpeak}-L_C)$[dB] | | |
|---|---|---|---|
| | Single Cycle | Positive Half Cycle | Negative Half Cycle |
| 4dB Below Top | 3.5 | 2.3 | 2.3 |
| Middle | 3.6 | 2.3 | 2.3 |
| 1dB Above Floor | 3.6 | 2.4 | 2.4 |

| CONDITIONS | | |
|---|---|---|
| Temperature | 18 | ℃ |
| Relative Humidity | 36 | % |
| Static Pressure | 101.4 | kPa |

**TEST EQUIPMENT**

| Item | Manufacturer | Model | S/N | Description |
|---|---|---|---|---|
| 1 | B&K | 4231 | 3008422 | Sound Calibrator |
| 2 | Agilent | 33220A | MY44038043 | Signal Generator |
| 3 | Agilent | 34401A | SG47000236 | Digital Multimeter |
| 4 | NJZY | ZY5142D | 0425 | Step Attenuator |
| 5 | B&K | 4180 | 2412874 | Standard Microphone |

**TEST PROCEDURES IN ACCORDANCE WITH IEC 61672-3:2013**

**Class 1 Performance Verified. Test Qualified.**

**DATE:** 2025.05.13 **TEST (sig.):** LZH **APVD (sig.):** QC 06

# CERTIFICATE OF CALIBRATION

Class 1

京制01020122号

TYPE: BSWA 308 S/N: 630178

## 1. APPEARANCE Pass

## 2. CALIBRATION (sound)

Calibrator: BK4231 Sound Level: 93.8 dB Frequency: 1000 Hz

Microphone Model / SN: MP231 / 591159

| Filter | Nominal[dB] | Indication[dB] | Error[dB] |
|---|---|---|---|
| A | 93.8 | 93.8 | 0.0 |
| C | 93.8 | 93.8 | 0.0 |
| Z | 93.8 | 93.8 | 0.0 |

## 3. FREQUENCY WEIGHTINGS (sound & electrical)

Z-weighting (sound & electrical); A/C-weighting (electrical, plus Z-weighting error)

| Frequency | Attenuation[dB] | | |
|---|---|---|---|
| [Hz] | A | C | Z |
| 10 | -69.0 | -14.3 | 0.0 |
| 20 | -50.3 | -6.2 | 0.0 |
| 31.5 | -39.5 | -3.1 | 0.0 |
| 63 | -26.2 | -0.8 | 0.0 |
| 125 | -16.1 | -0.2 | 0.0 |
| 250 | -8.6 | 0.0 | 0.0 |
| 500 | -3.3 | 0.0 | 0.0 |
| 1000 | 0.1 | 0.1 | 0.1 |
| 2000 | 1.4 | 0.0 | 0.2 |
| 4000 | 0.8 | -1.0 | -0.1 |
| 8000 | -1.4 | -3.3 | 0.1 |
| 16000 | -12.2 | -14.2 | 0.7 |
| 20000 | -25.3 | -27.3 | -0.4 |

## 4. LEVEL LINEARITY (electrical)

Filter=A; Fsin=1kHz

| Nominal[dB] | 20 | 21 | 22 | 23 | 24 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 89 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Indication[dB] | 19.9 | 20.9 | 21.9 | 22.9 | 23.9 | 24.9 | 30.0 | 39.8 | 49.8 | 59.9 | 69.9 | 79.9 | 88.9 |
| Error[dB] | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | 0.0 | -0.2 | -0.2 | -0.1 | -0.1 | -0.1 | -0.1 |
| Nominal[dB] | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 110 | 120 |
| Indication[dB] | 89.9 | 90.9 | 91.9 | 92.9 | 94.0 | 95.0 | 96.0 | 97.0 | 98.0 | 99.0 | 100.0 | 110.0 | 120.0 |
| Error[dB] | -0.1 | -0.1 | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nominal[dB] | 129 | 130 | 131 | 132 | 133 | 134 | | | | | | | |
| Indication[dB] | 129.0 | 130.0 | 131.0 | 132.0 | 133.0 | 134.0 | | | | | | | |
| Error[dB] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | |

## 5. SELF-GENERATED NOISE LEVEL (sound)

Measured in anechoic chamber with microphone; Backlight Off; Electrical noise please refer user manual

| Filter | A | C | Z |
|---|---|---|---|
| Indication[dB] | ~ 18 | ~ 23 | ~ 31 |

## 6. TIME WEIGHTINGS (electrical)

Filter=A; Fsin=4kHz; Steady Level=132dBA

| Detector | F | S |
|---|---|---|
| Rate of Decay[dB/s] | 30.4 | 4.4 |
| Delta of F/S[dB] | 0.0 | |

## 7. TONEBURST RESPONSE (electrical)

Filter=A; Fsin=4kHz

Steady Level $L_A$= 132.0 dB

| Tone Burst Duration | Response[dB] | | |
|---|---|---|---|
| [ms] | $L_{AFmax}$-$L_A$ | $L_{ASmax}$-$L_A$ | $L_{AE}$-$L_A$ |
| 500 | -0.1 | -4.1 | -3.1 |
| 200 | -1.0 | -7.5 | -7.0 |
| 50 | -4.9 | -13.2 | -13.1 |
| 10 | -11.2 | -20.1 | -20.1 |






## 8. REPEATED TONEBURST RESPONSE (electrical)

Filter=A; Fsin=4kHz

Steady Level $L_A$= 132.0 dB

| Tone Burst Duration | Tone Burst Interval | Response[dB] |
|---|---|---|
| [ms] | [ms] | $L_{AeqT}$-$L_A$ |
| 500 | 2000 | -7.0 |
| 200 | 800 | -7.0 |
| 50 | 200 | -7.0 |
| 10 | 40 | -7.0 |

## 9. OVERLOAD INDICATION (electrical)

Filter=A; Fsin=1000Hz

| Nominal[dB] | Error[dB] | | | Delta of Positive and |
|---|---|---|---|---|
| | Steady | Positive Half Cycle | Negative Half Cycle | Negative[dB] |
| 134.1 | 0.1 | 0.1 | 0.1 | 0.0 |

## 10. C-WEIGHTED PEAK SOUND LEVEL (electrical)

Filter=C; Peak; Fsin=500Hz

| Steady Signal Level | ($L_{Cpeak}$-$L_C$)[dB] | | |
|---|---|---|---|
| | Single Cycle | Positive Half Cycle | Negative Half Cycle |
| 4dB Below Top | 3.6 | 2.3 | 2.3 |
| Middle | 3.5 | 2.3 | 2.3 |
| 1dB Above Floor | 3.2 | 2.3 | 2.5 |

| CONDITIONS | | |
|---|---|---|
| Temperature | 23 | ℃ |
| Relative Humidity | 36 | % |
| Static Pressure | 100.7 | kPa |

**TEST EQUIPMENT**

| Item | Manufacturer | Model | S/N | Description |
|---|---|---|---|---|
| 1 | B&K | 4231 | 3008422 | Sound Calibrator |
| 2 | Agilent | 33220A | MY44038043 | Signal Generator |
| 3 | Agilent | 34401A | SG47000236 | Digital Multimeter |
| 4 | NJZY | ZY5142D | 0425 | Step Attenuator |
| 5 | B&K | 4180 | 2412874 | Standard Microphone |

**TEST PROCEDURES IN ACCORDANCE WITH IEC 61672-3:2013**

**Class 1 Performance Verified. Test Qualified.**

DATE: 2025 .07M 01D TEST (sig.): LZH APVD (sig.): QC 05

**BSWA308 (SN#630178)**

**Calibrated by manufacturer**

**Calibration Date: 01 July 2025**

**Call. Due Day: 30 June 2026**

# CERTIFICATE OF CALIBRATION

Class 1

TYPE: BSWA 308 S/N: 630179

京制J01020122号

**1. APPEARANCE** Pass

**2. CALIBRATION** (sound)

Calibrator: BK4231 Sound Level: 93.8 dB Frequency: 1000 Hz

Microphone Model / SN: MP231 /591340

| Filter | Nominal[dB] | Indication[dB] | Error[dB] |
|---|---|---|---|
| A | 93.8 | 93.8 | 0.0 |
| C | 93.8 | 93.8 | 0.0 |
| Z | 93.8 | 93.8 | 0.0 |

**3. FREQUENCY WEIGHTINGS** (sound & electrical)

Z-weighting (sound & electrical); A/C-weighting (electrical, plus Z-weighting error)

| Frequency [Hz] | Attenuation[dB] | | |
|---|---|---|---|
| | A | C | Z |
| 10 | -69.0 | -14.3 | 0.0 |
| 20 | -50.3 | -6.2 | 0.0 |
| 31.5 | -39.5 | -3.1 | 0.0 |
| 63 | -26.2 | -0.8 | 0.0 |
| 125 | -16.1 | -0.2 | 0.0 |
| 250 | -8.6 | 0.0 | 0.0 |
| 500 | -3.2 | 0.0 | 0.0 |
| 1000 | 0.2 | 0.2 | 0.2 |
| 2000 | 1.5 | 0.1 | 0.3 |
| 4000 | 1.1 | -0.7 | 0.2 |
| 8000 | -0.7 | -2.6 | 0.8 |
| 16000 | -12.0 | -14.0 | 0.9 |
| 20000 | -25.9 | -27.9 | -1.0 |

**4. LEVEL LINEARITY** (electrical)

Filter=A; Fsin=1kHz

| Nominal[dB] | 20 | 21 | 22 | 23 | 24 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 89 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Indication[dB] | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 30.0 | 39.8 | 49.8 | 59.9 | 69.9 | 80.0 | 89.0 |
| Error[dB] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | -0.2 | -0.1 | -0.1 | 0.0 | 0.0 |
| Nominal[dB] | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 110 | 120 |
| Indication[dB] | 90.0 | 91.0 | 92.0 | 93.0 | 94.0 | 95.0 | 96.0 | 97.0 | 98.0 | 99.0 | 100.0 | 110.0 | 120.0 |
| Error[dB] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nominal[dB] | 129 | 130 | 131 | 132 | 133 | 134 | | | | | | | |
| Indication[dB] | 129.0 | 130.0 | 131.0 | 132.0 | 133.0 | 134.0 | | | | | | | |
| Error[dB] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | |

**5. SELF-GENERATED NOISE LEVEL** (sound)

Measured in anechoic chamber with microphone; Backlight Off; Electrical noise please refer user manual

| Filter | A | C | Z |
|---|---|---|---|
| Indication[dB] | ~ 18 | ~ 23 | ~ 31 |

**6. TIME WEIGHTINGS** (electrical)

Filter=A; Fsin=4kHz; Steady Level=132dBA

| Detector | F | S |
|---|---|---|
| Rate of Decay[dB/s] | 32.2 | 4.4 |
| Delta of F/S[dB] | 0.0 | |

**7. TONEBURST RESPONSE** (electrical)

Filter=A; Fsin=4kHz

Steady Level $L_A$= 132.0 dB

| Tone Burst Duration [ms] | Response[dB] | | |
|---|---|---|---|
| | $L_{AFmax}$-$L_A$ | $L_{ASmax}$-$L_A$ | $L_{AE}$-$L_A$ |
| 500 | -0.1 | -4.1 | -3.1 |
| 200 | -1.0 | -7.5 | -7.0 |
| 50 | -4.9 | -13.2 | -13.1 |
| 10 | -11.2 | -20.1 | -20.1 |



**8. REPEATED TONEBURST RESPONSE** (electrical)

Filter=A; Fsin=4kHz

Steady Level $L_A$= 132.0 dB

| Tone Burst Duration [ms] | Tone Burst Interval [ms] | Response[dB] $L_{AeqT}$-$L_A$ |
|---|---|---|
| 500 | 2000 | -7.0 |
| 200 | 800 | -7.0 |
| 50 | 200 | -7.0 |
| 10 | 40 | -7.0 |

**9. OVERLOAD INDICATION** (electrical)

Filter=A; Fsin=1000Hz

| Nominal[dB] | Error[dB] | | | Delta of Positive and Negative[dB] |
|---|---|---|---|---|
| | Steady | Positive Half Cycle | Negative Half Cycle | |
| 134.1 | 0.1 | 0.1 | 0.1 | 0.0 |

**10. C-WEIGHTED PEAK SOUND LEVEL** (electrical)

Filter=C; Peak; Fsin=500Hz

| Steady Signal Level | ($L_{Cpeak}$-$L_C$)[dB] | | |
|---|---|---|---|
| | Single Cycle | Positive Half Cycle | Negative Half Cycle |
| 4dB Below Top | 3.6 | 2.3 | 2.3 |
| Middle | 3.5 | 2.3 | 2.3 |
| 1dB Above Floor | 3.9 | 2.3 | 2.3 |

| CONDITIONS | | |
|---|---|---|
| Temperature | 23 | ℃ |
| Relative Humidity | 36 | % |
| Static Pressure | 100.7 | kPa |

**TEST EQUIPMENT**

| Item | Manufacturer | Model | S/N | Description |
|---|---|---|---|---|
| 1 | B&K | 4231 | 3008422 | Sound Calibrator |
| 2 | Agilent | 33220A | MY44038043 | Signal Generator |
| 3 | Agilent | 34401A | SG47000236 | Digital Multimeter |
| 4 | NJZY | ZY5142D | 0425 | Step Attenuator |
| 5 | B&K | 4180 | 2412874 | Standard Microphone |

**TEST PROCEDURES IN ACCORDANCE WITH IEC 61672-3:2013**

**Class 1 Performance Verified. Test Qualified.**

DATE: 2025 Y. 07 M 01 D TEST (sig.): LZH APVD (sig.): QC 05

**BSWA308 (SN#630179)**

**Calibrated by manufacturer**

**Calibration Date: 01 July 2025**

**Cali. Due Day: 30 June 2026**

# CERTIFICATE OF CALIBRATION

BSWA TECH

**Class 1**

京制01020122号

**TYPE:** BSWA 308 **S/N:** 630177

## 1. APPEARANCE Pass

## 2. CALIBRATION (sound)

Calibrator: BK4231 Sound Level: 93.8 dB Frequency: 1000 Hz

Microphone Model / SN: MP231/591089

| Filter | Nominal[dB] | Indication[dB] | Error[dB] |
|---|---|---|---|
| A | 93.8 | 93.8 | 0.0 |
| C | 93.8 | 93.8 | 0.0 |
| Z | 93.8 | 93.8 | 0.0 |

## 3. FREQUENCY WEIGHTINGS (sound & electrical)

Z-weighting (sound & electrical); A/C-weighting (electrical, plus Z-weighting error)

| Frequency [Hz] | Attenuation[dB] | | |
|---|---|---|---|
| | A | C | Z |
| 10 | -69.0 | -14.3 | 0.0 |
| 20 | -50.4 | -6.2 | 0.0 |
| 31.5 | -39.5 | -3.0 | 0.0 |
| 63 | -26.2 | -0.9 | 0.0 |
| 125 | -16.1 | -0.2 | 0.0 |
| 250 | -8.6 | 0.0 | 0.0 |
| 500 | -3.2 | 0.0 | 0.0 |
| 1000 | 0.1 | 0.1 | 0.1 |
| 2000 | 1.3 | -0.1 | 0.1 |
| 4000 | 0.5 | -1.3 | -0.4 |
| 8000 | -1.6 | -3.5 | -0.1 |
| 16000 | -13.2 | -15.1 | -0.2 |
| 20000 | -27.2 | -29.1 | -2.2 |

## 4. LEVEL LINEARITY (electrical)

Filter=A; Fsin=1kHz

| Nominal[dB] | 20 | 21 | 22 | 23 | 24 | 25 | 30 | 40 | 50 | 60 | 70 | 80 | 89 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Indication[dB] | 20.2 | 21.2 | 22.2 | 23.1 | 24.2 | 25.1 | 30.0 | 39.9 | 49.8 | 59.8 | 69.9 | 79.9 | 88.9 |
| Error[dB] | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.1 | 0.0 | -0.1 | -0.2 | -0.2 | -0.1 | -0.1 | -0.1 |
| Nominal[dB] | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 110 | 120 |
| Indication[dB] | 89.9 | 90.9 | 91.9 | 92.9 | 94.0 | 95.0 | 96.0 | 96.9 | 97.9 | 98.9 | 100.0 | 110.0 | 120.0 |
| Error[dB] | -0.1 | -0.1 | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 |
| Nominal[dB] | 129 | 130 | 131 | 132 | 133 | 134 | | | | | | | |
| Indication[dB] | 129.0 | 130.0 | 131.0 | 132.0 | 133.0 | 134.0 | | | | | | | |
| Error[dB] | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | |

## 5. SELF-GENERATED NOISE LEVEL (sound)

Measured in anechoic chamber with microphone; Backlight Off; Electrical noise please refer user manual

| Filter | A | C | Z |
|---|---|---|---|
| Indication[dB] | ~ 18 | ~ 23 | ~ 31 |

## 6. TIME WEIGHTINGS (electrical)

Filter=A; Fsin=4kHz; Steady Level=132dBA

| Detector | F | S |
|---|---|---|
| Rate of Decay[dB/s] | 32.3 | 4.4 |
| Delta of F/S[dB] | 0.0 | |

## 7. TONEBURST RESPONSE (electrical)

Filter=A; Fsin=4kHz

Steady Level $L_A$= 132.0 dB

| Tone Burst Duration [ms] | Response[dB] | | |
|---|---|---|---|
| | $L_{AFmax}$-$L_A$ | $L_{ASmax}$-$L_A$ | $L_{AE}$-$L_A$ |
| 500 | -0.2 | -4.1 | -3.1 |
| 200 | -1.1 | -7.5 | -7.0 |
| 50 | -4.9 | -13.2 | -13.1 |
| 10 | -11.3 | -20.1 | -20.1 |



## 8. REPEATED TONEBURST RESPONSE (electrical)

Filter=A; Fsin=4kHz

Steady Level $L_A$= 132.0 dB

| Tone Burst Duration [ms] | Tone Burst Interval [ms] | Response[dB] |
|---|---|---|
| | | $L_{AeqT}$-$L_A$ |
| 500 | 2000 | -7.1 |
| 200 | 800 | -7.1 |
| 50 | 200 | -7.1 |
| 10 | 40 | -7.1 |

## 9. OVERLOAD INDICATION (electrical)

Filter=A; Fsin=1000Hz

| Nominal[dB] | Error[dB] | | | Delta of Positive and Negative[dB] |
|---|---|---|---|---|
| | Steady | Positive Half Cycle | Negative Half Cycle | |
| 134.1 | 0.0 | 0.1 | 0.1 | 0.0 |

## 10. C-WEIGHTED PEAK SOUND LEVEL (electrical)

Filter=C; Peak; Fsin=500Hz

| Steady Signal Level | ($L_{Cpeak}$-$L_C$)[dB] | | |
|---|---|---|---|
| | Single Cycle | Positive Half Cycle | Negative Half Cycle |
| 4dB Below Top | 3.5 | 2.3 | 2.3 |
| Middle | 3.5 | 2.2 | 2.2 |
| 1dB Above Floor | 3.7 | 2.2 | 2.6 |

| CONDITIONS | | |
|---|---|---|
| Temperature | 23 | ℃ |
| Relative Humidity | 36 | % |
| Static Pressure | 100.7 | kPa |

**TEST EQUIPMENT**

| Item | Manufacturer | Model | S/N | Description |
|---|---|---|---|---|
| 1 | B&K | 4231 | 3008422 | Sound Calibrator |
| 2 | Agilent | 33220A | MY44038043 | Signal Generator |
| 3 | Agilent | 34401A | SG47000236 | Digital Multimeter |
| 4 | NJZY | ZY5142D | 0425 | Step Attenuator |
| 5 | B&K | 4180 | 2412874 | Standard Microphone |

**TEST PROCEDURES IN ACCORDANCE WITH IEC 61672-3:2013**

**Class 1 Performance Verified. Test Qualified.**

**DATE:** 2025.07.01 **TEST (sig.):** LZH **APVD (sig.):** QC 05

**BSWA 308 (SN#630177)**

Calibration by manufacturer

Calibration Date: 01 July 2025

Cali. Due Day: 30 June 2026

聲學測試服務有限公司
Acoustic Testing Services Limited
Unit E, 2/F., Century Industrial Centre, 33-35 Au Pui Wan Street, Fo Tan, Shatin, New Territories, Hong Kong
Tel: (852) 2690 9126 Fax: (852) 2690 9125 E-mail: info@ATSL.com.hk http://www.ATSL.com.hk

# Certificate of Calibration

Certificate No. ATS24-112-CC001

| | |
|---|---|
| **Customer:** | **Ka Shing Facilities Management Limited**<br>Flat C, 14/F., Jing Ho Industrial Building,<br>78-84 Wing Lung Street, Tsuen Wan,<br>N.T., Hong Kong |
| **Unit-under-test (UUT):** | |
| **Description:** | Sound Calibrator |
| **Manufacturer:** | SoundTEK |
| **Type No.:** | ST-120 |
| **Serial No.:** | 210102628 |
| **Conditions during calibration:** | |
| **Temperature:** | 25°C |
| **Relative Humidity:** | 50% |
| **Test Specifications:** | Calibration Check |
| **Date of Calibration:** | 11 November 2024 |
| **Test Results:** | All calibration points are within manufacturer's specification. |

***Certified by:*** _____

***Mr. Ching Mau LAM / Quality Manager***
***MIOA, MHKIOA***

**Issue Date: 11 November 2024**

聲學測試服務有限公司
Acoustic Testing Services Limited
Unit E, 2/F., Century Industrial Centre, 33-35 Au Pui Wan Street, Fo Tan, Shatin, New Territories, Hong Kong
Tel: (852) 2690 9126 Fax: (852) 2690 9125 E-mail: info@ATSL.com.hk http://www.ATSL.com.hk

1. The instrument under test was allowed to stabilize in the laboratory for over 24 hours.

2. Calibration equipment:

| | | |
|---|---|---|
| **Description:** | Sound Analyzer | Reference Microphone |
| **Manufacturer:** | Brüel & Kjær | Brüel & Kjær |
| **Type No.:** | 2270 | 4189 |
| **Serial No.:** | 3001883 | 2662797 |
| **Last Calibration Date:** | 14 March 2024 | 14 March 2024 |
| **Certificate No.:** | AV240037 | AV240037 |

The calibration equipment used for calibration is traceable to National Standards via Standards and Calibration Laboratory, the Government of the HKSAR.

3. The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted, if any, will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. Acoustic Testing Services Limited shall not be liable for any loss or damage resulting from the use of the equipment.

4. Calibration Results

| Nominal value dB | Measured value dB | IEC 60942 Class 1 Tolerance Limits dB | Conclusion | Expanded Measurement Uncertainty of Reference Microphone B&K 4189 at 1000 Hz dB |
|---|---|---|---|---|
| 94.00 | 93.82 | ± 0.25 | PASS | 0.20 |
| 114.0 | 113.76 | ± 0.25 | PASS | 0.20 |

All calibration points are within manufacturer's specification.

# APPENDIX D
# ENVIRONMENTAL MONITORING SCHEDULES

**Environmental Team for Police Facilities in Kong Nga Po**
**Impact Air Quality and Noise Monitoring Schedule**
**August-2025**

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|---|
| | | | | | 1-Aug | 2-Aug |
| | | | | | | |
| 3-Aug | 4-Aug | 5-Aug | 6-Aug | 7-Aug | 8-Aug | 9-Aug |
| | | | 1-hr TSPx3 (AM1, AM2)<br>NM (NM9 to NM14) | | | |
| 10-Aug | 11-Aug | 12-Aug | 13-Aug | 14-Aug | 15-Aug | 16-Aug |
| | | 1-hr TSPx3 (AM1, AM2)<br>NM (NM9 to NM14) | | | | |
| 17-Aug | 18-Aug | 19-Aug | 20-Aug | 21-Aug | 22-Aug | 23-Aug |
| | 1-hr TSPx3 (AM1, AM2)<br>NM (NM9 to NM14) | | | | | 1-hr TSPx3 (AM1, AM2) |
| 24-Aug | 25-Aug | 26-Aug | 27-Aug | 28-Aug | 29-Aug | 30-Aug |
| | | | | | 1-hr TSPx3 (AM1, AM2)<br>NM (NM9 to NM14) | |
| 31-Aug | | | | | | |
| | | | | | | |

**Environmental Team for Police Facilities in Kong Nga Po**
**Impact Air Quality 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 |
| | | | | 1-hr TSPx3<br>(AM1, AM2)<br><br>NM<br>(NM9 to NM14) | | |
| 7-Sep | 8-Sep | 9-Sep | 10-Sep | 11-Sep | 12-Sep | 13-Sep |
| | | | 1-hr TSPx3<br>(AM1, AM2)<br><br>NM<br>(NM9 to NM14) | | | |
| 14-Sep | 15-Sep | 16-Sep | 17-Sep | 18-Sep | 19-Sep | 20-Sep |
| | | 1-hr TSPx3<br>(AM1, AM2)<br><br>NM<br>(NM9 to NM14) | | | | |
| 21-Sep | 22-Sep | 23-Sep | 24-Sep | 25-Sep | 26-Sep | 27-Sep |
| | 1-hr TSPx3<br>(AM1, AM2)<br><br>NM<br>(NM9 to NM14) | | | | | 1-hr TSPx3<br>(AM1, AM2) |
| 28-Sep | 29-Sep | 30-Sep | | | | |
| | | | | | | |

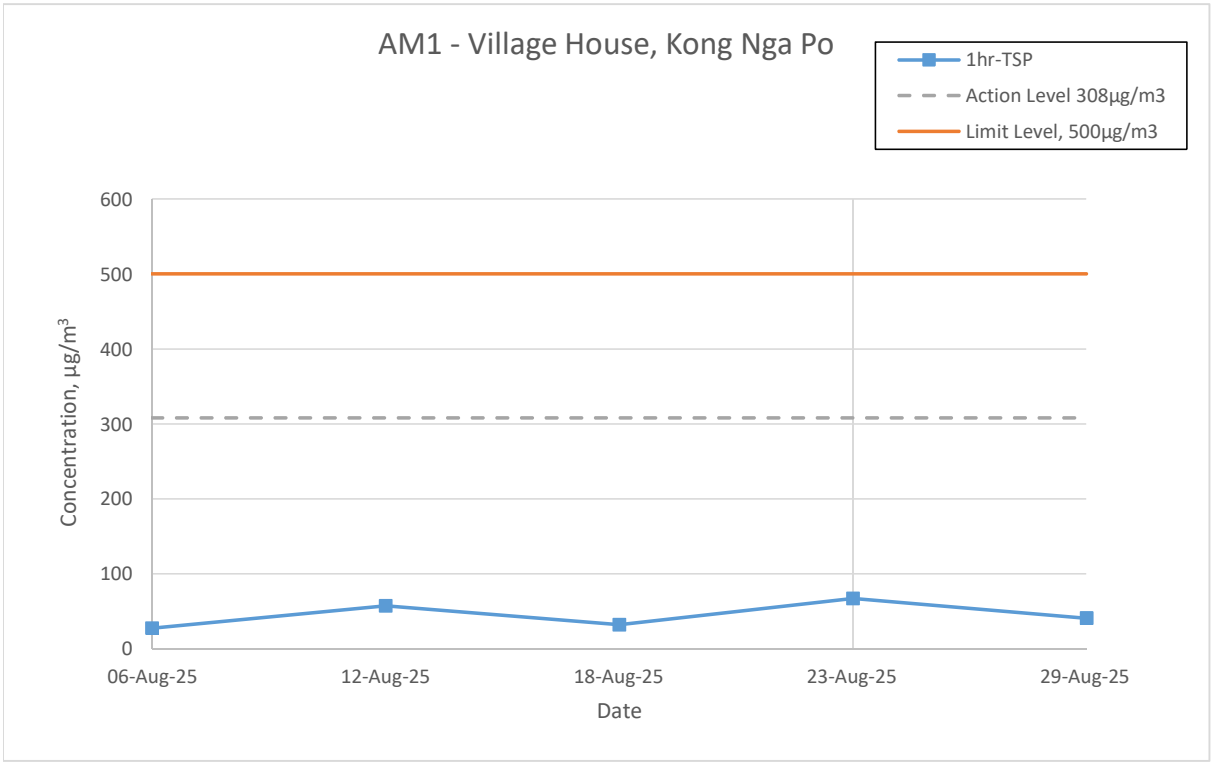
# APPENDIX E
# AIR QUALITY MONITORING RESULTS AND GRAPHICAL PRESENTATION

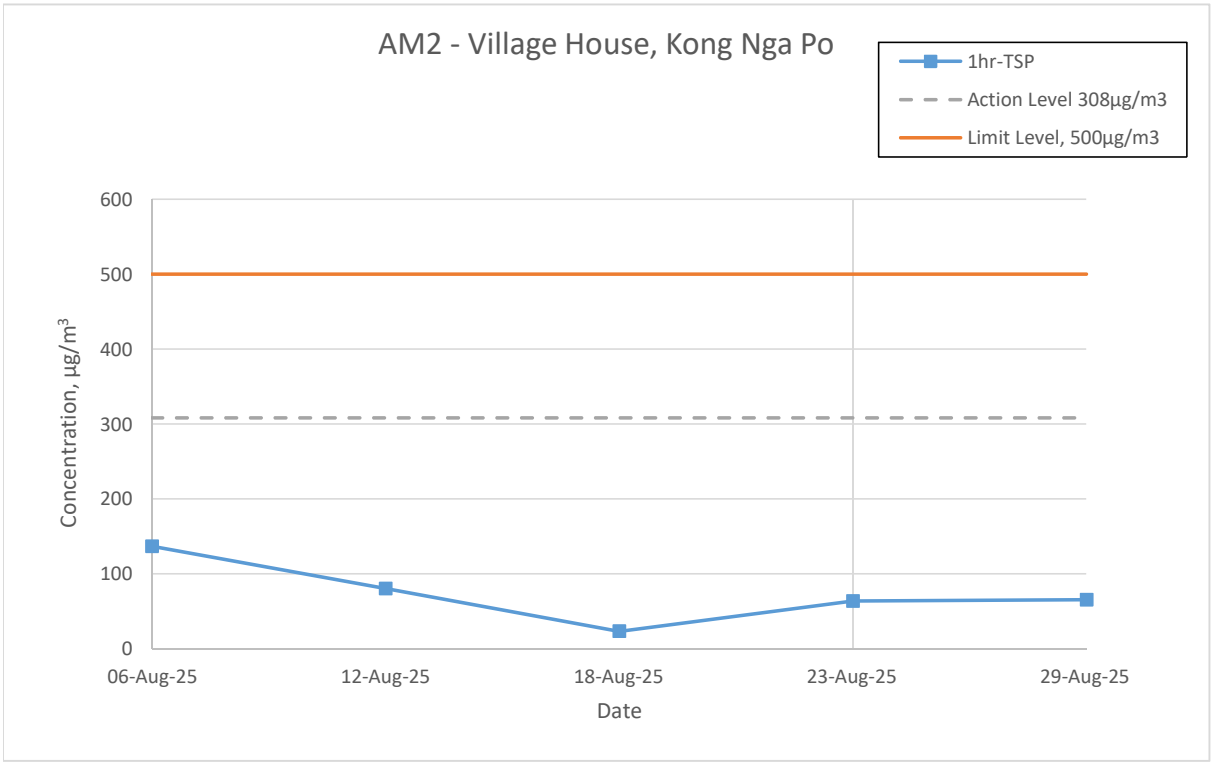
**Appendix E - 1-hour TSP Monitoring Results**

| Location AM1 - Village House, Kong Nga Po | | | |
|---|---|---|---|
| **Date** | **Time** | **Weather** | **Particulate Concentration (μg/m³)** |
| 06-Aug-25 | 13:12 | Cloudy | 28 |
| | 14:12 | | 24 |
| | 15:12 | | 26 |
| 12-Aug-25 | 8:58 | Sunny | 57 |
| | 9:58 | | 33 |
| | 10:58 | | 62 |
| 18-Aug-25 | 13:12 | Cloudy | 32 |
| | 14:12 | | 82 |
| | 15:12 | | 267 |
| 23-Aug-25 | 8:03 | Sunny | 67 |
| | 9:03 | | 64 |
| | 10:03 | | 90 |
| 29-Aug-25 | 13:10 | Sunny | 41 |
| | 14:10 | | 172 |
| | 15:10 | | 68 |
| | | Minimum | 24 |
| | | Maximum | 267 |
| | | Average | 74 |

| Location AM2 - Village House, Kong Nga Po | | | |
|---|---|---|---|
| **Date** | **Time** | **Weather** | **Particulate Concentration (μg/m³)** |
| 06-Aug-25 | 13:09 | Cloudy | 137 |
| | 14:09 | | 20 |
| | 15:09 | | 36 |
| 12-Aug-25 | 8:51 | Sunny | 81 |
| | 9:51 | | 50 |
| | 10:51 | | 46 |
| 18-Aug-25 | 13:04 | Cloudy | 23 |
| | 14:04 | | 56 |
| | 15:04 | | 119 |
| 23-Aug-25 | 8:06 | Sunny | 64 |
| | 9:06 | | 65 |
| | 10:06 | | 92 |
| 29-Aug-25 | 13:07 | Sunny | 66 |
| | 14:07 | | 128 |
| | 15:07 | | 72 |
| | | Minimum | 20 |
| | | Maximum | 137 |
| | | Average | 70 |

**1-hr TSP Concentration Levels**



# APPENDIX F
# NOISE MONITORING RESULTS AND GRAPHICAL PRESENTATION

**Appendix F -Noise Monitoring Results**

| Location NM9 - Village House, Kong Nga Po | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Weather | Wind Speed (m/s) | Time | Unit: dB(A) (5-min) | | | Average | Limit Level | Baseline |
| | | | | $L_{eq}$ | $L_{10}$ | $L_{90}$ | $L_{eq}$ | $L_{eq}$ | $L_{eq}$ |
| 06-Aug-25 | Cloudy | 0.13 | 13:07 | 68.8 | 71.0 | 61.7 | 65.5 | 75.0 | 55.9 |
| | | | | 66.8 | 66.1 | 61.8 | | | |
| | | | | 63.7 | 63.7 | 62.5 | | | |
| | | | | 63.7 | 63.8 | 62.7 | | | |
| | | | | 63.2 | 63.6 | 62.9 | | | |
| | | | | 63.6 | 63.4 | 62.5 | | | |
| 12-Aug-25 | Sunny | 0.13 | 9:01 | 56.1 | 55.3 | 47.9 | 62.9 | 75.0 | 55.9 |
| | | | | 58.0 | 54.5 | 49.5 | | | |
| | | | | 64.1 | 63.7 | 49.1 | | | |
| | | | | 66.1 | 64.8 | 49.0 | | | |
| | | | | 62.4 | 63.6 | 49.1 | | | |
| | | | | 63.6 | 65.1 | 58.6 | | | |
| 18-Aug-25 | Cloudy | 0.05 | 14:12 | 64.4 | 64.0 | 49.2 | 60.3 | 75.0 | 55.9 |
| | | | | 57.6 | 55.1 | 47.7 | | | |
| | | | | 58.4 | 55.9 | 48.7 | | | |
| | | | | 55.4 | 53.8 | 49.9 | | | |
| | | | | 58.6 | 55.5 | 49.7 | | | |
| | | | | 61.1 | 58.8 | 50.1 | | | |
| 29-Aug-25 | Sunny | 0.47 | 13:08 | 64.4 | 63.6 | 54.5 | 63.2 | 75.0 | 55.9 |
| | | | | 61.6 | 62.5 | 53.9 | | | |
| | | | | 63.9 | 64.6 | 56.0 | | | |
| | | | | 63.8 | 65.8 | 58.2 | | | |
| | | | | 62.7 | 63.7 | 58.2 | | | |
| | | | | 62.1 | 64.2 | 54.9 | | | |

| Location NM10 - Village House, Kong Nga Po | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Weather | Wind Speed (m/s) | Time | Unit: dB(A) (5-min) | | | Average | Limit Level | Baseline |
| | | | | $L_{eq}$ | $L_{10}$ | $L_{90}$ | $L_{eq}$ | $L_{eq}$ | $L_{eq}$ |
| 06-Aug-25 | Cloudy | 0.09 | 13:09 | 66.8 | 63.9 | 46.4 | 61.7 | 75.0 | 52.8 |
| | | | | 63.6 | 56.5 | 45.3 | | | |
| | | | | 62.0 | 57.8 | 45.8 | | | |
| | | | | 46.6 | 47.0 | 46.1 | | | |
| | | | | 46.5 | 47.1 | 45.9 | | | |
| | | | | 52.3 | 48.8 | 45.9 | | | |
| 12-Aug-25 | Sunny | 0.00 | 9:08 | 64.8 | 58.2 | 45.5 | 57.8 | 75.0 | 52.8 |
| | | | | 48.9 | 52.0 | 45.4 | | | |
| | | | | 53.3 | 58.8 | 45.9 | | | |
| | | | | 47.8 | 50.2 | 44.7 | | | |
| | | | | 49.4 | 51.6 | 45.1 | | | |
| | | | | 50.7 | 55.0 | 45.2 | | | |
| 18-Aug-25 | Cloudy | 0.09 | 14:46 | 61.9 | 62.1 | 55.4 | 62.0 | 75.0 | 52.8 |
| | | | | 63.1 | 63.0 | 56.5 | | | |
| | | | | 61.5 | 61.3 | 58.7 | | | |
| | | | | 62.0 | 61.4 | 58.6 | | | |
| | | | | 61.1 | 61.1 | 58.4 | | | |
| | | | | 62.2 | 63.4 | 57.6 | | | |
| 29-Aug-25 | Sunny | 0.03 | 13:10 | 59.6 | 58.2 | 52.3 | 55.1 | 75.0 | 52.8 |
| | | | | 54.5 | 56.6 | 50.5 | | | |
| | | | | 55.5 | 57.9 | 50.9 | | | |
| | | | | 52.8 | 54.8 | 50.1 | | | |
| | | | | 51.2 | 53.5 | 48.1 | | | |
| | | | | 49.3 | 50.7 | 45.6 | | | |

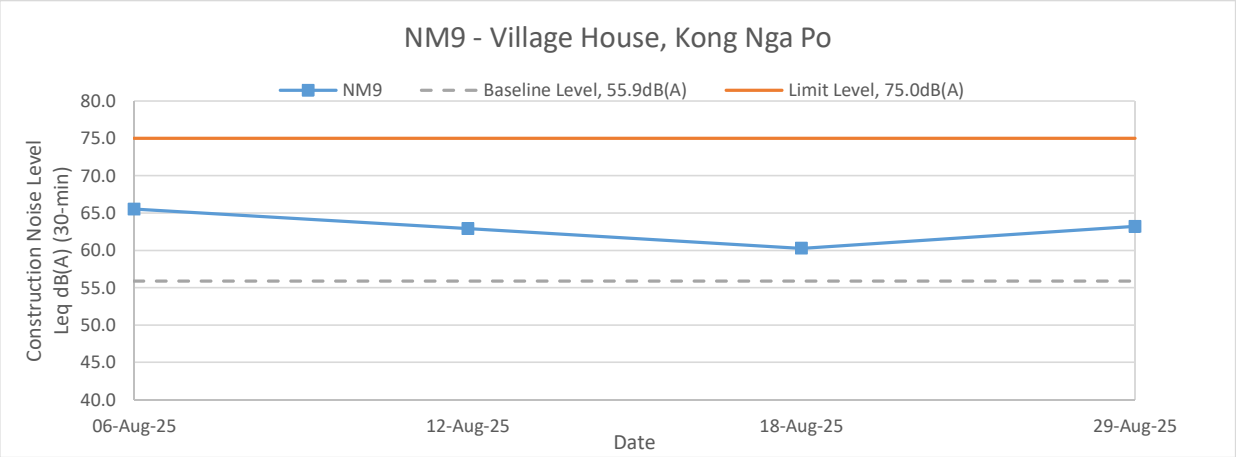
| Location NM11 - Village House, Kong Nga Po | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Weather | Wind Speed (m/s) | Time | Unit: dB(A) (5-min) | | | Average | Limit Level | Baseline |
| | | | | $L_{eq}$ | $L_{10}$ | $L_{90}$ | $L_{eq}$ | $L_{eq}$ | $L_{eq}$ |
| 06-Aug-25 | Cloudy | 0.25 | 13:13 | 63.4 | 58.8 | 46.2 | 59.1 | 75.0 | 46.4 |
| | | | | 63.5 | 58.4 | 46.8 | | | |
| | | | | 46.8 | 47.2 | 46.2 | | | |
| | | | | 47.0 | 47.3 | 46.2 | | | |
| | | | | 53.3 | 50.9 | 46.0 | | | |
| | | | | 50.4 | 52.4 | 46.6 | | | |
| 12-Aug-25 | Sunny | 0.00 | 9:13 | 57.9 | 53.4 | 44.2 | 52.4 | 75.0 | 46.4 |
| | | | | 53.0 | 59.7 | 43.9 | | | |
| | | | | 46.5 | 47.9 | 43.5 | | | |
| | | | | 48.8 | 52.1 | 44.3 | | | |
| | | | | 47.8 | 49.7 | 43.8 | | | |
| | | | | 46.6 | 49.4 | 43.3 | | | |
| 18-Aug-25 | Cloudy | 0.05 | 14:47 | 58.7 | 60.0 | 53.4 | 59.9 | 75.0 | 46.4 |
| | | | | 61.3 | 60.2 | 55.4 | | | |
| | | | | 59.4 | 59.4 | 55.7 | | | |
| | | | | 60.6 | 60.9 | 55.6 | | | |
| | | | | 60.0 | 60.4 | 55.5 | | | |
| | | | | 59.1 | 60.0 | 54.8 | | | |
| 29-Aug-25 | Sunny | 0.21 | 13:12 | 57.8 | 55.1 | 46.5 | 52.5 | 75.0 | 46.4 |
| | | | | 50.7 | 54.6 | 46.9 | | | |
| | | | | 49.0 | 51.0 | 46.5 | | | |
| | | | | 49.6 | 50.3 | 46.2 | | | |
| | | | | 46.9 | 49.0 | 44.4 | | | |
| | | | | 51.0 | 54.6 | 44.8 | | | |

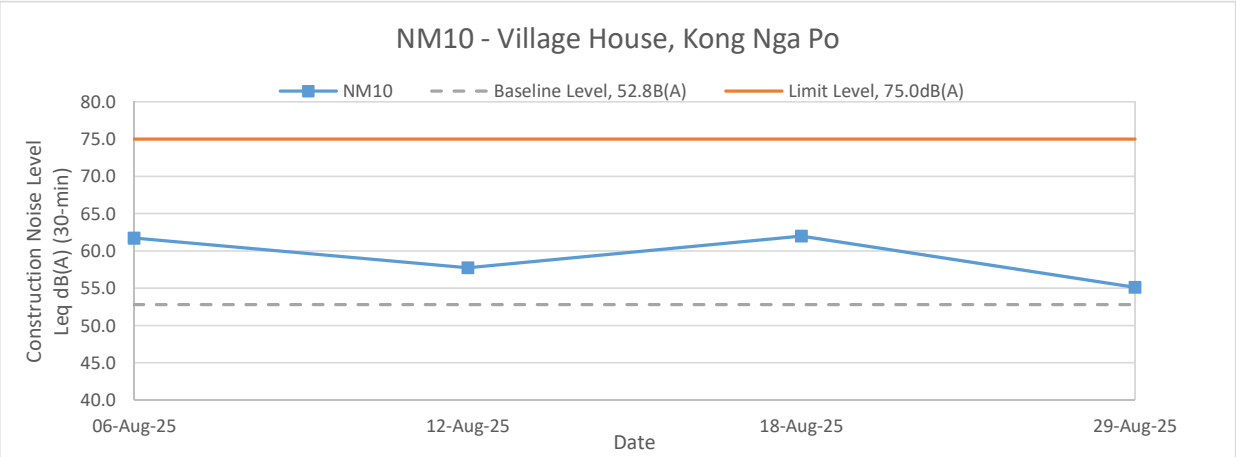
| Location NM12 - Village House, Kong Nga Po | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Weather | Wind Speed (m/s) | Time | Unit: dB(A) (5-min) | | | Average | Limit Level | Baseline |
| | | | | $L_{eq}$ | $L_{10}$ | $L_{90}$ | $L_{eq}$ | $L_{eq}$ | $L_{eq}$ |
| 06-Aug-25 | Cloudy | 0.00 | 13:05 | 65.8 | 62.5 | 46.9 | 63.3 | 75.0 | 54.7 |
| | | | | 66.7 | 64.4 | 46.9 | | | |
| | | | | 64.1 | 58.8 | 46.5 | | | |
| | | | | 61.1 | 57.2 | 46.6 | | | |
| | | | | 55.9 | 48.4 | 47.2 | | | |
| | | | | 47.5 | 48.1 | 46.9 | | | |
| 12-Aug-25 | Sunny | 0.03 | 8:49 | 64.7 | 54.6 | 46.9 | 63.4 | 75.0 | 54.7 |
| | | | | 65.2 | 67.2 | 54.5 | | | |
| | | | | 62.2 | 57.7 | 49.2 | | | |
| | | | | 60.0 | 51.9 | 50.5 | | | |
| | | | | 64.1 | 63.1 | 50.6 | | | |
| | | | | 62.3 | 64.0 | 51.8 | | | |
| 18-Aug-25 | Cloudy | 0.00 | 14:48 | 63.9 | 60.0 | 49.5 | 60.1 | 75.0 | 54.7 |
| | | | | 58.7 | 58.5 | 49.8 | | | |
| | | | | 58.1 | 57.4 | 50.9 | | | |
| | | | | 55.3 | 56.9 | 51.6 | | | |
| | | | | 60.7 | 57.9 | 51.6 | | | |
| | | | | 58.7 | 58.7 | 50.7 | | | |
| 29-Aug-25 | Sunny | 0.00 | 13:04 | 66.5 | 64.0 | 49.6 | 63.6 | 75.0 | 54.7 |
| | | | | 63.5 | 62.9 | 51.2 | | | |
| | | | | 61.5 | 64.1 | 51.3 | | | |
| | | | | 62.5 | 62.5 | 50.6 | | | |
| | | | | 62.6 | 65.2 | 51.2 | | | |
| | | | | 63.0 | 63.5 | 52.3 | | | |

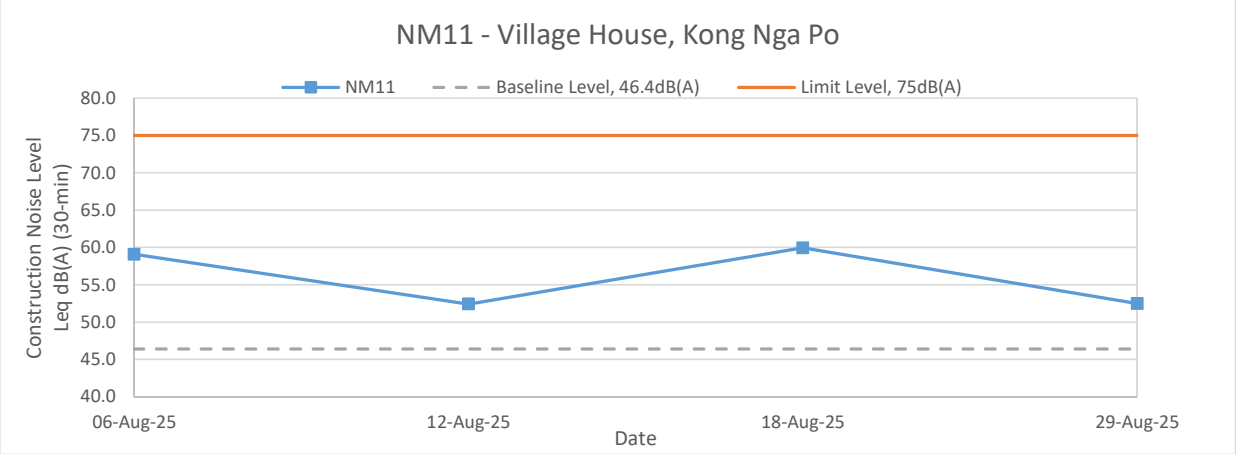
| Location NM13 - Village House, Kong Nga Po | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Weather | Wind Speed (m/s) | Time | Unit: dB(A) (5-min) | | | Average | Limit Level | Baseline |
| | | | | $L_{eq}$ | $L_{10}$ | $L_{90}$ | $L_{eq}$ | $L_{eq}$ | $L_{eq}$ |
| 06-Aug-25 | Cloudy | 0.18 | 13:17 | 58.6 | 52.7 | 49.1 | 59.2 | 75.0 | 61.3 |
| | | | | 63.9 | 58.8 | 49.5 | | | |
| | | | | 50.7 | 51.6 | 49.7 | | | |
| | | | | 50.5 | 51.2 | 49.7 | | | |
| | | | | 56.3 | 52.8 | 50.0 | | | |
| | | | | 60.6 | 53.4 | 50.5 | | | |
| 12-Aug-25 | Sunny | 0.42 | 9:19 | 64.2 | 62.8 | 49.0 | 59.4 | 75.0 | 61.3 |
| | | | | 62.0 | 54.0 | 49.9 | | | |
| | | | | 53.0 | 51.9 | 49.7 | | | |
| | | | | 53.6 | 58.5 | 49.6 | | | |
| | | | | 52.4 | 54.0 | 49.9 | | | |
| | | | | 55.5 | 55.0 | 50.0 | | | |
| 18-Aug-25 | Cloudy | 0.14 | 14:40 | 61.0 | 61.7 | 52.9 | 60.3 | 75.0 | 61.3 |
| | | | | 63.1 | 60.5 | 51.6 | | | |
| | | | | 55.0 | 57.1 | 51.1 | | | |
| | | | | 60.2 | 57.3 | 52.9 | | | |
| | | | | 58.2 | 56.5 | 53.1 | | | |
| | | | | 60.2 | 57.6 | 52.8 | | | |
| 29-Aug-25 | Sunny | 0.14 | 13:18 | 60.2 | 55.7 | 46.8 | 54.6 | 75.0 | 61.3 |
| | | | | 52.9 | 52.1 | 46.0 | | | |
| | | | | 48.3 | 50.7 | 45.1 | | | |
| | | | | 51.6 | 50.0 | 45.5 | | | |
| | | | | 53.2 | 53.7 | 46.6 | | | |
| | | | | 48.8 | 50.4 | 45.8 | | | |

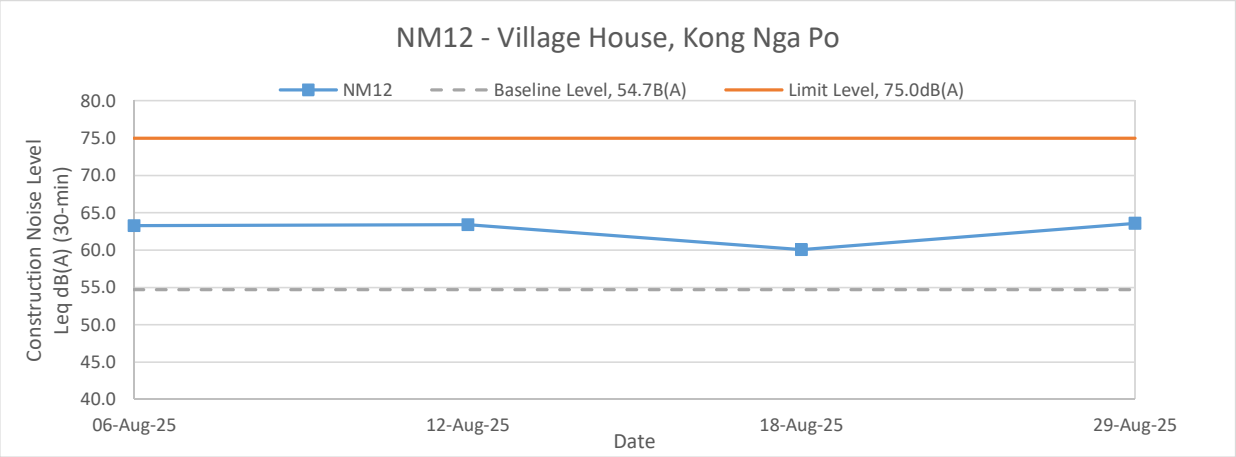
| Location NM14 - Village House, near Man Kam To Road | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Date | Weather | Wind Speed (m/s) | Time | Unit: dB(A) (5-min) | | | Average | Limit Level | Baseline |
| | | | | $L_{eq}$ | $L_{10}$ | $L_{90}$ | $L_{eq}$ | $L_{eq}$ | $L_{eq}$ |
| 06-Aug-25 | Cloudy | 0.00 | 13:22 | 56.3 | 49.8 | 48.4 | 59.0 | 75.0 | 59.6 |
| | | | | 49.2 | 49.7 | 48.6 | | | |
| | | | | 53.2 | 49.9 | 48.1 | | | |
| | | | | 48.6 | 49.3 | 47.7 | | | |
| | | | | 65.2 | 64.8 | 49.1 | | | |
| | | | | 58.3 | 51.1 | 49.2 | | | |
| 12-Aug-25 | Sunny | 0.00 | 9:35 | 65.1 | 66.7 | 45.6 | 58.2 | 75.0 | 59.6 |
| | | | | 50.8 | 53.6 | 46.1 | | | |
| | | | | 54.6 | 55.7 | 46.5 | | | |
| | | | | 51.0 | 54.1 | 46.1 | | | |
| | | | | 49.8 | 49.8 | 46.8 | | | |
| | | | | 51.1 | 52.7 | 47.2 | | | |
| 18-Aug-25 | Cloudy | 0.00 | 14:09 | 49.1 | 48.9 | 42.4 | 49.9 | 75.0 | 59.6 |
| | | | | 46.0 | 45.0 | 39.6 | | | |
| | | | | 43.7 | 45.8 | 40.9 | | | |
| | | | | 56.3 | 56.1 | 39.2 | | | |
| | | | | 39.3 | 41.1 | 37.4 | | | |
| | | | | 39.9 | 42.5 | 37.0 | | | |
| 29-Aug-25 | Sunny | 0.60 | 13:24 | 57.7 | 57.9 | 47.3 | 56.4 | 75.0 | 59.6 |
| | | | | 57.8 | 64.9 | 45.9 | | | |
| | | | | 54.9 | 57.6 | 46.4 | | | |
| | | | | 55.3 | 57.0 | 44.7 | | | |
| | | | | 57.9 | 64.5 | 43.1 | | | |
| | | | | 52.1 | 55.6 | 44.3 | | | |

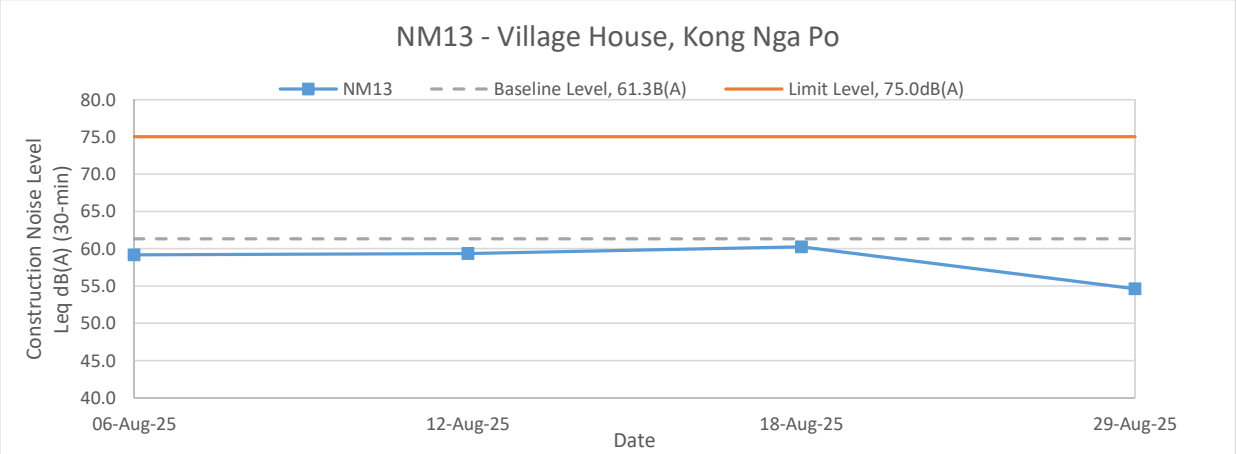
**Noise Levels**

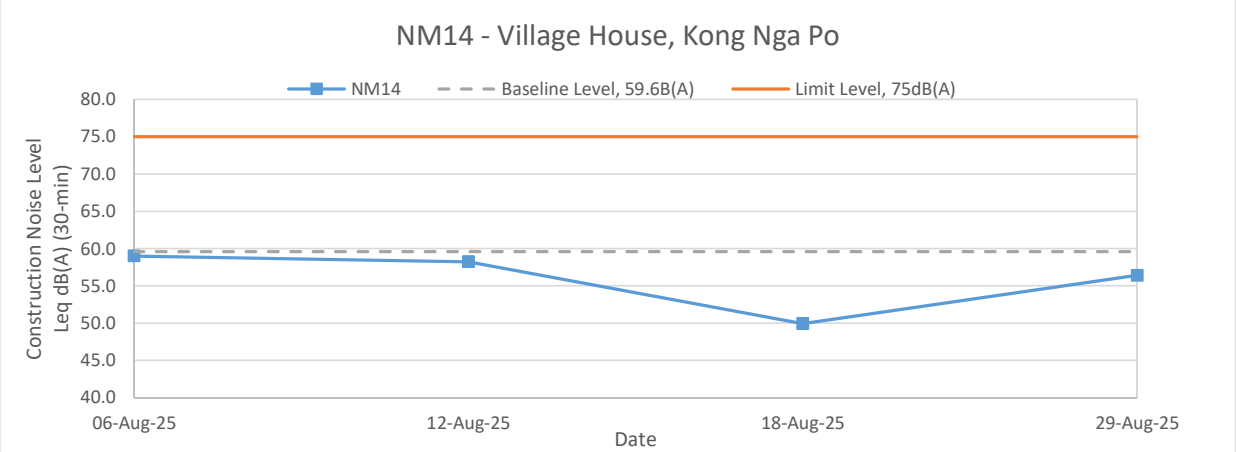

NM9 - Village House, Kong Nga Po
NM9
Baseline Level, 55.9dB(A)
Limit Level, 75.0dB(A)
Construction Noise Level Leq dB(A) (30-min)
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
06-Aug-25
12-Aug-25
18-Aug-25
29-Aug-25
Date


NM10 - Village House, Kong Nga Po
NM10
Baseline Level, 52.8B(A)
Limit Level, 75.0dB(A)
Construction Noise Level Leq dB(A) (30-min)
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
06-Aug-25
12-Aug-25
18-Aug-25
29-Aug-25
Date


NM11 - Village House, Kong Nga Po
NM11
Baseline Level, 46.4dB(A)
Limit Level, 75dB(A)
Construction Noise Level Leq dB(A) (30-min)
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
06-Aug-25
12-Aug-25
18-Aug-25
29-Aug-25
Date


NM12 - Village House, Kong Nga Po
NM12
Baseline Level, 54.7B(A)
Limit Level, 75.0dB(A)
Construction Noise Level
Leq dB(A) (30-min)
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
06-Aug-25
12-Aug-25
18-Aug-25
29-Aug-25
Date


NM13 - Village House, Kong Nga Po
NM13
Baseline Level, 61.3B(A)
Limit Level, 75.0dB(A)
Construction Noise Level
Leq dB(A) (30-min)
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
06-Aug-25
12-Aug-25
18-Aug-25
29-Aug-25
Date


NM14 - Village House, Kong Nga Po
NM14
Baseline Level, 59.6B(A)
Limit Level, 75dB(A)
Construction Noise Level
Leq dB(A) (30-min)
80.0
75.0
70.0
65.0
60.0
55.0
50.0
45.0
40.0
06-Aug-25
12-Aug-25
18-Aug-25
29-Aug-25
Date

**APPENDIX G**
**WEATHER CONDITION**

**Appendix G –**
**General Weather Conditions during the Monitoring Period August 2025**

| Date August | Mean Pressure (hPa) | Air Temperature | | | Mean Dew Point Temperature (deg. C) | Mean Relative Humidity (%) | Mean Amount of Cloud (%) | Total Rainfall (mm) |
|---|---|---|---|---|---|---|---|---|
| | | Maximum (deg. C) | Mean (deg. C) | Minimum (deg. C) | | | | |
| 1 | 1000.3 | 33.2 | 30.1 | 28.6 | 25.9 | 79 | 85 | 3 |
| 2 | 1002.9 | 30.1 | 28.1 | 26.3 | 26.3 | 90 | 95 | 109 |
| 3 | 1003.1 | 30.2 | 29.2 | 25.5 | 26.5 | 86 | 89 | 47.5 |
| 4 | 1003.6 | 30 | 28.8 | 26.1 | 26.6 | 88 | 93 | 72.2 |
| 5 | 1005.4 | 29.2 | 27.1 | 24 | 25.6 | 92 | 97 | 368.9 |
| 6 | 1007.7 | 30.1 | 27.5 | 25.5 | 25.1 | 87 | 90 | 6.8 |
| 7 | 1009.3 | 32.9 | 29.3 | 26.8 | 25.4 | 80 | 81 | - |
| 8 | 1008.7 | 32.9 | 29.8 | 27.6 | 25.6 | 79 | 45 | - |
| 9 | 1007.8 | 33.8 | 30.1 | 28 | 25.7 | 78 | 44 | - |
| 10 | 1006.9 | 34.4 | 30.5 | 28.6 | 25.9 | 77 | 68 | - |
| 11 | 1006.3 | 32.5 | 29.7 | 28.1 | 25.3 | 77 | 78 | 0.3 |
| 12 | 1006.9 | 32.6 | 29.8 | 27.7 | 25.3 | 77 | 82 | 8.5 |
| 13 | 1005.6 | 33 | 30.1 | 28.3 | 25.5 | 77 | 84 | - |
| 14 | 1005.5 | 29.5 | 26.3 | 24.4 | 24.8 | 91 | 95 | 117.4 |
| 15 | 1008.9 | 30.2 | 27.5 | 25.5 | 24.8 | 86 | 79 | 4.3 |
| 16 | 1008.5 | 32.8 | 29.3 | 27.4 | 24.5 | 76 | 74 | - |
| 17 | 1009 | 30.2 | 27.3 | 25.6 | 24.4 | 84 | 92 | 41.5 |
| 18 | 1010.4 | 28.4 | 26.6 | 25.4 | 25.2 | 92 | 91 | 80.1 |
| 19 | 1010.9 | 27.9 | 27.1 | 25.4 | 26 | 94 | 94 | 68.9 |
| 20 | 1010.7 | 32.2 | 29 | 27.1 | 25.5 | 82 | 86 | 0.2 |
| 21 | 1011.4 | 33.3 | 29.6 | 27.9 | 25.5 | 79 | 82 | - |
| 22 | 1009.9 | 32.7 | 29.7 | 27.3 | 23.6 | 71 | 82 | - |
| 23 | 1008.5 | 33.6 | 30 | 27.6 | 24.5 | 73 | 82 | 0.2 |
| 24 | 1009.6 | 31.7 | 29.6 | 28.5 | 25.5 | 79 | 88 | - |
| 25 | 1010.2 | 31.3 | 29.4 | 28.3 | 24.7 | 76 | 88 | 0.1 |
| 26 | 1009.7 | 34.2 | 30.3 | 28 | 24.6 | 72 | 65 | - |
| 27 | 1008.3 | 32.7 | 29.8 | 27.7 | 24.6 | 74 | 65 | - |
| 28 | 1008.1 | 30.6 | 28.9 | 26 | 24.3 | 77 | 85 | 2.7 |
| 29 | 1009.3 | 33 | 30.2 | 28.9 | 24.6 | 72 | 80 | 0.5 |
| 30 | 1010.3 | 31.9 | 29.4 | 27.6 | 25 | 77 | 85 | 7.1 |
| 31 | 1009.4 | 33 | 29.8 | 28.1 | 24.9 | 75 | 77 | - |
| Mean/Total | 1007.8 | 31.7 | 29 | 27 | 25.2 | 81 | 81 | 939.2 |
| Normal* | 1005.2 | 31.3 | 28.7 | 26.7 | 25.1 | 81 | 70 | 453.2 |

* The above information was extracted from the daily weather summary by Hong Kong Observatory.

# APPENDIX H
# ECOLOGICAL MONITORING RESULTS

# Post-transplantation monitoring records for transplanted flora species
(August 2025)

# Contract No.: SS K509
# Design and Construction of
# Kong Nga Po Police Training Facilities

## Monitoring and Maintenance Works Report

INSPECTION DATE: 30 AUGUST 2025
REPORT DATE: 02 SEPTEMBER 2025

*PREPARED BY:*
**Lau Siu Yeung, Andy**
(UKAA PR5206)

Version: 00

Audit Ref. No. _____

**Contract** SS K509

**Inspected By** Lau Siu Yeung

**Inspection Date** 30/08/2025

**Time Period** 08:30 to 12:00

**Part A Weather**

**Condition** ☐ Sunny ☐ Fine ☐ Overcast ☐ Drizzle ☑ Rain ☐ Storm ☐ Hazy

**Temperature** 29.4 °C

**Humidity** ☐ High (RH>90%) ☑ Moderate (90%>RH>50%) ☐ Low (RH<50%)

**Wind** ☐ Calm ☐ Light ☑ Breeze ☐ Strong

**Part B**

| | | N/A or not observed | Yes | No | Follow-up | N/C | Remarks |
|---|---|---|---|---|---|---|---|
| **1.** | **Cycadfern *Brainea insignis*** | | | | | | |
| 1.1 | Are the plants' health conditions satisfactory? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.2 | Are transplanted plants on site protected carefully? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.3 | Are the temporary protective fence properly erected and maintained? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.4 | Are the plant protection zone set 1m from the plants? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.5 | Are all grassed and planted area kept free from weeds/unwanted plants? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.6 | Is compaction of the soil avoided for the plants? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.7 | Are litter/ unwanted material removed within the planting area? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.8 | Are equipment or stockpile placed outside the protection zone? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.9 | Are soil, debris or construction materials deposited around and against the trunk of a plant as this causes bark damage avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.10 | Are fixings driven into plants avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.11 | Are the plants used for anchoring or winching purposes or for the display of signs avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.12 | Are the fire lit below the branches and petrol, oil or caustic substances stored near the plants avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.13 | Are all plants kept free from pest, disease or fungal infection? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.14 | Are there enough area for growth and development of plant roots? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.15a | Is exposure of plant roots avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 1.15b | If not, were broken off or rotting of roots avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |

| | | N/A or not observed | Yes | No | Follow-up | N/C | Remarks |
|---|---|---|---|---|---|---|---|
| **2.** | **Ladies Tresses *Spiranthes sinensis*** | | | | | | |
| 2.1 | Are the plants' health conditions satisfactory? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.2 | Are transplanted plants on site protected carefully? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.3 | Are the temporary protective fence properly erected and maintained? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.4 | Are the plant protection zone set 1m from the plants? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.5 | Are all grassed and planted area kept free from weeds/unwanted plants? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.6 | Is compaction of the soil avoided for the plants? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.7 | Are litter/ unwanted material removed within the planting area? | ☐ | ☑ | ☐ | ☐ | ☐ | |

| | | N/A or not observed | Yes | No | Follow-up | N/C | Remarks |
|---|---|---|---|---|---|---|---|
| 2.8 | Are equipment or stockpile placed outside the protection zone? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.9 | Are soil, debris or construction materials deposited around and against the trunk of a plant as this causes bark damage avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.10 | Are fixings driven into plants avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.11 | Are the plants used for anchoring or winching purposes or for the display of signs avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.12 | Are the fire lit below the branches and petrol, oil or caustic substances stored near the plants avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.13 | Are all plants kept free from pest, disease or fungal infection? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.14 | Are there enough area for growth and development of plant roots? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.15a | Is exposure of plant roots avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |
| 2.15b | If not, were broken off or rotting of roots avoided? | ☐ | ☑ | ☐ | ☐ | ☐ | |

| | | N/A or not observed | Yes | No | Follow-up | N/C | Remarks |
|---|---|---|---|---|---|---|---|
| | **Incense Trees *Aquilaria sinesis*** | | | | | | |
| 3.1 | Are the trees's health conditions satisfactory? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.2 | Are transplanted trees on site protected carefully? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.3 | Are the temporary protective fence properly erected and maintained? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.4 | Are the tree protection zone set 1m from the trees? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.5 | Are all grassed and planted area kept free from weeds/unwanted plants? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.6 | Is compaction of the soil avoided for the trees | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.7 | Are litter/ unwanted material removed within the planting area? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.8 | Are equipment or stockpile placed outside the protection zone? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.9 | Are soil, debris or construction materials deposited around and against the trunk of a tree as this causes bark damage avoided? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.10 | Are fixings driven into trees avoided? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.11 | Are the trees used for anchoring or winching purposes or for the display of signs avoided? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.12 | Are the fire lit below the branches and petrol, oil or caustic substances stored near the trees avoided? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.13 | Are all trees kept free from pest, disease or fungal infection? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.14 | Are there enough area for growth and development of tree roots? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.15a | Is exposure of tree roots avoided? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.15b | If not, were broken off or rotting of roots avoided? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.16 | Are wounds/mechanical injuries avoided on tree trunk? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.17 | Are leaning of trees avoided? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.18 | Are dead/detached branches avoided? | ☐ | ☐ | ☐ | ☐ | ☐ | |
| 3.19 | Are decay/cavity avoided on tree trunks? | ☐ | ☐ | ☐ | ☐ | ☐ | |

**Part C** **Follow-up for the Previous Site Audit on Date:** _____ **(Ref. No.**_____**)**

| | | N/A or not observed | Yes | No | Follow-up | N/C | Remarks |
|---|---|---|---|---|---|---|---|
| 1. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |
| 2. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |
| 3. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |
| 4. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |
| 5. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |
| 6. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |
| 7. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |
| 8. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |
| 9. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |
| 10. | Is the situation in item _____ improved/rectified? | ☐ | ☐ | ☐ | ☐ | ☐ | _____ |

**Remarks/Observations**

**Signatures:**

Contractor's Representative

(Name: Lau Siu Yeung )
(Date: 30/08/2025 )

*Supervisor's* Rep.

(Name: )
(Date: )

Contract No.: SS K509
Design and Construction of Kong Nga Po Police Training Facilities
Monitoring and Maintenance Works for Flora Species of Conservation Interest

Inspection Date: 30/8/2025

| Tree/Plant/ Colony No. | Number of Individuals | Species Name | Form (Good/Fair/Poor) | Health (Good/Fair/Poor) | Remark |
|---|---|---|---|---|---|
| C-0001 | 01 | *Brainea insignis* | F | F | Young leaves observed |
| | 02 | *Brainea insignis* | F | F | Young leaves observed |
| | 03 | *Brainea insignis* | F | F | Young leaves observed |
| | 04 | *Brainea insignis* | F | F | Young leaves observed |
| | 05 | *Brainea insignis* | F | F | Young leaves observed |
| | 06 | *Brainea insignis* | F | F | Young leaves observed |
| | 07 | *Brainea insignis* | F | F | Young leaves observed |
| | 08 | *Brainea insignis* | F | F | Young leaves observed |
| C-0002 | 01 | *Brainea insignis* | F | F | Young leaves observed |
| | 02 | *Brainea insignis* | F | F | Young leaves observed |
| | 03 | *Brainea insignis* | F | P | Young leaves observed |
| | 04 | *Brainea insignis* | F | P | Young leaves observed |
| | 05 | *Brainea insignis* | F | F | Young leaves observed |
| | 06 | *Brainea insignis* | F | F | Young leaves observed |
| | 07 | *Brainea insignis* | F | F | Young leaves observed |
| | 08 | *Brainea insignis* | F | F | Young leaves observed |
| C-0003 | 01 | *Brainea insignis* | F | F | Young leaves observed |
| C-0004 | 01 | *Brainea insignis* | P | P | Young leaves at base; Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021 |
| | 02 | *Brainea insignis* | F | F | Young leaves observed |
| | 03 | *Brainea insignis* | F | F | Young leaves observed |
| | 04 | *Brainea insignis* | F | F | Young leaves observed |
| | 05 | *Brainea insignis* | F | F | Young leaves observed |
| | 06 | *Brainea insignis* | F | F | Young leaves observed |
| | 07 | *Brainea insignis* | F | F | Young leaves observed |
| | 08 | *Brainea insignis* | F | F | Young leaves observed |
| | 09 | *Brainea insignis* | P | P | Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021 |
| | 10 | *Brainea insignis* | F | P | Young leaves at base |
| | 11 | *Brainea insignis* | F | F | Young leaves observed |
| | 12 | *Brainea insignis* | F | P | Young leaves observed |
| | 13 | *Brainea insignis* | - | - | Stem not found Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021 |
| | 14 | *Brainea insignis* | F | F | Young leaves observed |
| | 15 | *Brainea insignis* | P | P | Young leaves at base; Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021 |
| | 16 | *Brainea insignis* | P | P | Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021 |
| | 17 | *Brainea insignis* | P | P | Young leaves observed |
| | 18 | *Brainea insignis* | - | - | Burned by bushfire initially outside the site boundary on 2 Feb 2021. |
| | 19 | *Brainea insignis* | F | P | - |
| | 20 | *Brainea insignis* | F | F | Young leaves observed |

Contract No.: SS K509
Design and Construction of Kong Nga Po Police Training Facilities
Monitoring and Maintenance Works for Flora Species of Conservation Interest

Inspection Date: 30/8/2025

| Tree/Plant/ Colony No. | Number of Individuals | Species Name | Form (Good/Fair/Poor) | Health (Good/Fair/Poor) | Remark |
|---|---|---|---|---|---|
| C-0005 | 01 | *Brainea insignis* | F | F | Young leaves observed |
| | 02 | *Brainea insignis* | F | F | Young leaves observed |
| | 03 | *Brainea insignis* | F | F | Young leaves observed |
| | 04 | *Brainea insignis* | F | F | Young leaves observed |
| | 05 | *Brainea insignis* | F | P | Young leaves observed |
| | 06 | *Brainea insignis* | F | F | Young leaves observed |
| | 07 | *Brainea insignis* | F | F | Young leaves observed |
| C-0006 | 01 | *Brainea insignis* | F | F | Young leaves observed |
| C-0007 | 01 | *Brainea insignis* | F | F | Young leaves observed |
| | 02 | *Brainea insignis* | F | P | - |
| C-0008 | 01 | *Brainea insignis* | F | F | Young leaves observed |
| | 02 | *Brainea insignis* | F | F | Young leaves observed |
| | 03 | *Brainea insignis* | P | P | Young leaves observed |
| | 04 | *Brainea insignis* | F | F | Young leaves observed |
| | 05 | *Brainea insignis* | F | F | Young leaves observed |
| | 06 | *Brainea insignis* | F | P | - |
| | 07 | *Brainea insignis* | F | P | Young leaves at base |
| C-0009 | 01 | *Brainea insignis* | F | F | Young leaves observed |
| C-0010 | 01 | *Brainea insignis* | F | F | Young leaves observed |
| | 02 | *Brainea insignis* | F | F | Young leaves observed |
| | 03 | *Brainea insignis* | F | F | Young leaves observed |
| C-0011 | 01 | *Brainea insignis* | P | P | Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021 |
| | 02 | *Brainea insignis* | F | P | - |
| | 03 | *Brainea insignis* | P | P | Young leaves at base |
| | 04 | *Brainea insignis* | F | F | Young leaves at base |
| | 05 | *Brainea insignis* | F | P | Young leaves at base |
| | 06 | *Brainea insignis* | F | F | Young leaves at base |
| | 07 | *Brainea insignis* | P | P | Young leaves at base |
| | 08 | *Brainea insignis* | F | F | Young leaves observed |
| | 09 | *Brainea insignis* | P | P | - |
| | 10 | *Brainea insignis* | F | F | Young leaves observed |
| | 11 | *Brainea insignis* | F | F | Young leaves observed |
| | 12 | *Brainea insignis* | P | P | - |
| | 13 | *Brainea insignis* | F | F | Young leaves observed |


C-0001(Patch)_01


C-0001(Patch)_02


C-0001(Patch)_03


C-0001(Patch)_04


C-0001(Patch)_05


C-0001(Patch)_06


C-0001(Patch)_07


C-0001(Patch)_08


C-0002(Patch)_01


C-0002(Patch)_02


C-0002(Patch)_03


C-0002(Patch)_04


C-0002(Patch)_05


C-0002(Patch)_06


C-0002(Patch)_07


C-0002(Patch)_08

Contract No.: SS K509
Design and Construction of Kong Nga Po Police Training Facilities
Monitoring and Maintenance Works for Flora Species of Conservation Interest


C-0003


C-0004(Patch)_01


C-0004(Patch)_02


C-0004(Patch)_03


C-0004(Patch)_04


C-0004(Patch)_05

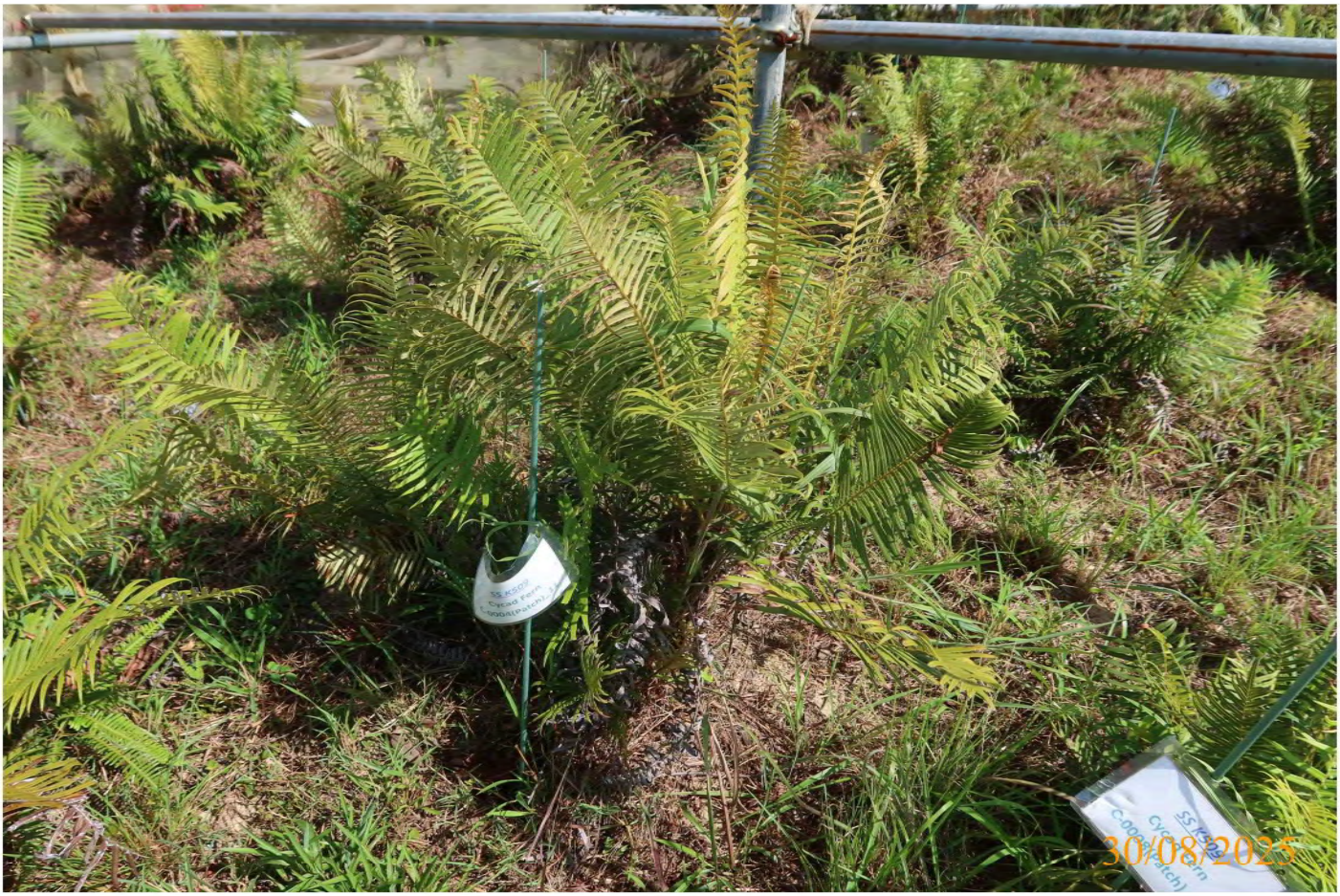

C-0004(Patch)_06


C-0004(Patch)_07


C-0004(Patch)_08


C-0004(Patch)_09


C-0004(Patch)_10




C-0004(Patch)_11


C-0004(Patch)_12


C-0004(Patch)_13


C-0004(Patch)_14


C-0004(Patch)_15


C-0004(Patch)_16


C-0004(Patch)_17


C-0004(Patch)_18


C-0004(Patch)_19


C-0004(Patch)_20


C-0005(Patch)_01


C-0005(Patch)_02


C-0005(Patch)_03


C-0005(Patch)_04


C-0005(Patch)_05


C-0005(Patch)_06


C-0005(Patch)_07


C-0006


C-0007(Patch)_01


C-0007(Patch)_02


C-0008(Patch)_01


C-0008(Patch)_02


C-0008(Patch)_03


C-0008(Patch)_04


C-0008(Patch)_05


C-0008(Patch)_06


C-0008(Patch)_07


C-0009


C-0010(Patch)_01


C-0010(Patch)_02


C-0010(Patch)_03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C-0011(Patch)_02


C-0011(Patch)_03


C-0011(Patch)_04


C-0011(Patch)_05


C-0011(Patch)_06


C-0011(Patch)_07


C-0011(Patch)_08


C-0011(Patch)_09


C-0011(Patch)_10


C-0011(Patch)_11


C-0011(Patch)_12


C-0011(Patch)_13

Contract No.: SS K509
Design and Construction of Kong Nga Po Police Training Facilities
Monitoring and Maintenance Works for Flora Species of Conservation Interest
Inspection Date: 30/8/2025

| Tree/Plant/ Colony No. | Species Name | Form (Good/Fair/Poor) | Health (Good/Fair/Poor) | Remark |
|---|---|---|---|---|
| L-0001 | *Spiranthes sinensis* | - | - | Not observed |
| L-0002 | *Spiranthes sinensis* | - | - | Not observed |
| L-0003 | *Spiranthes sinensis* | - | - | Not observed |
| L-0004 | *Spiranthes sinensis* | - | - | Not observed |
| L-0005 | *Spiranthes sinensis* | - | - | Not observed |
| L-0006 | *Spiranthes sinensis* | - | - | Not observed |
| L-0007 | *Spiranthes sinensis* | - | - | Not observed |
| L-0008 | *Spiranthes sinensis* | F | F | Leaf observed |
| L-0009 | *Spiranthes sinensis* | - | - | Not observed |
| L-0010 | *Spiranthes sinensis* | - | - | Not observed |
| L-0011 | *Spiranthes sinensis* | - | - | Not observed |
| L-0012 | *Spiranthes sinensis* | - | - | Not observed |
| L-0013 | *Spiranthes sinensis* | - | - | Not observed |
| L-0014 | *Spiranthes sinensis* | P | P | Leaf observed |
| L-0015 | *Spiranthes sinensis* | - | - | Not observed |
| L-0016 | *Spiranthes sinensis* | - | - | Not observed |
| L-0018 | *Spiranthes sinensis* | F | F | Leaf observed |
| L-0019 | *Spiranthes sinensis* | - | - | Not observed |
| L-0020 | *Spiranthes sinensis* | - | - | Not observed |
| L-0021 | *Spiranthes sinensis* | - | - | Not observed |
| L-0022 | *Spiranthes sinensis* | P | P | Leaf observed |
| L-0023 | *Spiranthes sinensis* | - | - | Not observed |
| L-0024 | *Spiranthes sinensis* | P | P | Leaf observed |
| L-0025 | *Spiranthes sinensis* | - | - | Not observed |
| L-0026 | *Spiranthes sinensis* | - | - | Not observed |
| L-0027 | *Spiranthes sinensis* | - | - | Not observed |
| L-0028 | *Spiranthes sinensis* | - | - | Not observed |
| L-0029 | *Spiranthes sinensis* | - | - | Not observed |
| L-0030 | *Spiranthes sinensis* | - | - | Not observed |
| L-0031 | *Spiranthes sinensis* | F | F | Leaf observed |
| L-0032 | *Spiranthes sinensis* | - | - | Not observed |
| L-0033 | *Spiranthes sinensis* | - | - | Not observed |
| L-0034 | *Spiranthes sinensis* | - | - | Not observed |
| L-0035 | *Spiranthes sinensis* | - | - | Not observed |
| L-0036 | *Spiranthes sinensis* | - | - | Not observed |
| L-0037 | *Spiranthes sinensis* | F | F | Leaf observed |
| L-0038 | *Spiranthes sinensis* | P | P | Leaf observed |
| L-0039 | *Spiranthes sinensis* | - | - | Not observed |
| L-0040 | *Spiranthes sinensis* | - | - | Not observed |
| L-0041 | *Spiranthes sinensis* | - | - | Not observed |
| L-0042 | *Spiranthes sinensis* | - | - | Not observed |


SS K509
Ladies Tresses
L-0001
30/08/2025

L-0001


SS K509
Ladies Tresses
L-0002
30/08/2025

L-0002


SS K509
Ladies Tresses
L-0003
30/08/2025

L-0003


SS K509
Ladies Tresses
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Ladies Tresses
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SS K509
Ladies Tresses
L-0019
30/08/2025

L-0019


SS K509
Ladies Tresses
L-0020
30/08/2025

L-0020


SS K509
Ladies Tresses
L-0021
30/08/2025

L-0021


SS K509
Ladies Tresses
L-0022
30/08/2025

L-0022


SS K509
Ladies Tresses
L-0023
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SS K509
Ladies Tresses
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SS K509
Ladies Tresses
L-0025
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Ladies Tresses
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Ladies Tresses
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SS K509
Ladies Tresses
L-0028
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Ladies Tresses
L-0030
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Ladies Tresses
L-0031
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SS K509
Ladies Tresses
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SS K509
Ladies Tresses
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Ladies Tresses
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SS K509
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SS K509
Ladies Tresses
L-0040
30/08/2025

L-0040


SS K509
Ladies Tresses
L-0041
30/08/2025

L-0041


L-0042

Contract No.: SS K509
Design and Construction of Kong Nga Po Police Training Facilities
Monitoring and Maintenance Works for Flora Species of Conservation Interest

Hong Da Landscaping Limited
Vegetation Maintenance Record Sheet (August 2025)

| Description of Work | Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Watering | | | | | | | Y | | Y | Y | Y | | Y | | | Y | | | | Y | | Y | | | Y | | Y | | Y | | |
| Weeding | | | | | | | | | | Y | | | | | | | | | | | | | | | | | | | | | |
| Fertilization | | | | | | | | | | Y | | | | | | | | | | | | | | | | | | | | | |
| Pest/Disease Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Firming up of fence | | | | | | | | | | Y | | | | | | | | | | | | | | | | | | | | | |
| Installation of shaded net | | | | | | | | | | Y | | | | | | | | | | | | | | | | | | | | | |
| Mulching | | | | | | | | | | Y | | | | | | | | | | | | | | | | | | | | | |
| Inspection | | | | | | | | | | Y | | | | | | | | | | | | | | | | | | | | Y | |
| Checking of Protection Zone | | | | | | | | | | Y | | | | | | | | | | | | | | | | | | | | | |
| Remarks | R, MH | R, MH | R, MH | R, MH | R, RH | R, MH | MH | MH | MH | MH | R, MH | R, MH | MH | R, RH | R, MH | MH | R, MH | R, RH | R, RH | MH | MH | MH | MH | MH | MH | MH | MH | MH | R, MH | R, MH | MH |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Public Holiday | | H-Hot | | D-Drizzle | | R-Rainy | | W-Windy | | RH-High Humidity | | | | | MH-Medium Humidity | | | | | | LH-Low Humidity | | | | | | | | | |


fertilzing (1)


fertilzing (2)


grass cutting (1)


grass cutting (2)


installation of shading net (1)


installation of shading net (2)


installation of shading net (3)


weeding

# Post-transplantation Monitoring Checklist
# Police Facilities in Kong Nga Po

Contract: Provision of Environmental Team Consultancy for Design and Construction of Kong Nga Po Police Training Facilities (Programme no. 279LP)

Inspected By: ETL

Inspection Date: 29-8-2025

**Part A Weather**

Condition: [✓] Sunny [ ] Fine [ ] Overcast [ ] Drizzle [ ] Rain [ ] Hazy

Wind: [ ] Calm [✓] Light [ ] Breeze [ ] Strong

**Part B**

| | | N/A or not observed | Yes | NO | Remarks |
|---|---|---|---|---|---|
| **1** | **Cycadfern Brainea insignis** | | | | The partial *Brainea insignis* have grown taller than previously observed. |
| 1.1 | Is the general well-being of the plants deemed satisfactory? | | ✓ | | |
| 1.2 | Are appropriate measures being taken to ensure the careful protection of the transplanted plants on site? | ✓ | | | |
| 1.3 | Has the temporary protective fence been correctly installed and is it being properly maintained? | | ✓ | | |
| 1.4 | Has the plant protection zone been established at a distance of 1m from the plants as required? | ✓ | | | |
| 1.5 | Are all areas covered with grass and plants consistently maintained free from weeds and unwanted vegetation? | ✓ | | | |
| 1.6 | Are measures taken to prevent soil compaction and protect the plants? | ✓ | | | |
| 1.7 | Is prompt removal of litter and unwanted materials maintained in the planting area? | | ✓ | | |
| 1.8 | Are fixings being prevented from being driven into the plants? | ✓ | | | |
| 1.9 | Are the plants being intentionally avoided for the purpose of anchoring, winching, or displaying signs? | ✓ | | | |
| 1.10 | Are all plants consistently maintained free from pests, diseases, or fungal infections? | ✓ | | | |
| 1.11 | Is there sufficient space provided for the growth and development of plant roots? | ✓ | | | |
| 1.12a | Is the exposure of plant roots being prevented? | ✓ | | | |
| 1.12b | If not, are broken or rotting roots being avoided? | ✓ | | | |
| **2** | **Ladies Tresses Spiranthes sinensis** | | | | |
| 2.1 | Is the general well-being of the plants deemed satisfactory? | ✓ | | | |
| 2.2 | Are appropriate measures being taken to ensure the careful protection of the transplanted plants on site? | ✓ | | | |
| 2.3 | Has the temporary protective fence been correctly installed and is it being properly maintained? | | ✓ | | |
| 2.4 | Has the plant protection zone been established at a distance of 1m from the plants as required? | ✓ | | | |
| 2.5 | Are all areas covered with grass and plants consistently maintained free from weeds and unwanted vegetation? | ✓ | | | |
| 2.6 | Are measures taken to prevent soil compaction and protect the plants? | ✓ | | | |
| 2.7 | Is prompt removal of litter and unwanted materials maintained in the planting area? | | ✓ | | |
| 2.8 | Are fixings being prevented from being driven into the plants? | ✓ | | | |
| 2.9 | Are the plants being intentionally avoided for the purpose of anchoring, winching, or displaying signs? | ✓ | | | |
| 2.10 | Are all plants consistently maintained free from pests, diseases, or fungal infections? | ✓ | | | |
| 2.11 | Is there sufficient space provided for the growth and development of plant roots? | ✓ | | | |
| 2.12a | Is the exposure of plant roots being prevented? | ✓ | | | |
| 2.12b | If not, are broken or rotting roots being avoided? | ✓ | | | |

## Advice/Observations

1) Please refer to the guidelines on soil improvement issued by the Greening,Landscape and Tree Management Section (GLTMS) of the development bureau (2022) to apply to monitoring and maintenance of transplanted flora species.
2) Daily watering frequency is needed to keep the soil moist.
3) The installation of a shaded net is shown as a sample below



| IEC | ETL | Contractor Representative |
|---|---|---|
| Name: Mr. Law<br>Date | Lee<br>Name: Mr. W.H.Lee<br>Date 29-08-2025 | Name: Marian Kong<br>Date |

**The installation of a shaded net**

Remark: Non scale & Conceptual drawing

**APPENDIX I**
**EVENT ACTION PLANS**

**Appendix I:**

**Table I-1: Event / Action Plan for Air Quality**

| EVENT | ACTION | | | |
|---|---|---|---|---|
| | ET | IEC | PERMIT HOLDER | CONTRACTOR |
| **ACTION LEVEL** | | | | |
| 1. Exceedance for one sample | 1. Identify source, investigatethe causes of exceedance and propose remedial measures;<br>2. Inform IEC,ER and Contractor;<br>3. Repeat measurement to confirm finding; and<br>4. Increase monitoring frequency to daily. | 1. Check monitoring data submitted by ET;<br>2. Check Contractor's working method. | 1. Notify Contractor. | 1. Rectify any unacceptable practice:<br>2. Amend working methods if appropriate. |
| 2. Exceedance for two or more consecutive samples | 1. Identify source;<br>2. Inform IEC, ER andContractor;<br>3. Advise the WKCDA on theeffectiveness of the proposed remedial measure;<br>4. Repeat measurements to confirm findings;<br>5. Increase monitoring frequency to daily;<br>6. Discuss with IEC and Contractor on remedialactions required;<br>7. If exceedance continues, arrange meeting with IECand ER; and | 1. Check monitoring data submitted by ET;<br>2. Check Contractor's working method;<br>3. Discuss with ET and Contractor on possible remedial measures;<br>4. Advise the ET on the effectiveness of the proposed remedial measures; and<br>5. Monitor Implementation of remedial measures. | 1. Confirm receipt of notification of failure in writing;<br>2. Notify Contractor; and<br>3. Ensure remedial measures properly implemented. | 1. Submit proposals for remedial to ER within 3 working days of notification;<br>2. Implement the agreed proposals; and<br>3. Amend proposal if appropriate. |

| EVENT | ACTION | | | |
|---|---|---|---|---|
| | ET | IEC | PERMIT HOLDER | CONTRACTOR |
| | 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;<br>2. Inform ER, Contractor and EPD;<br>3. Repeat measurement to confirm finding;<br>4. Increase monitoring frequency to daily; and<br>5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and the ER informed of the results. | 1. Check monitoring data submitted byET;<br>2. Check Contractor's working method;<br>3. Discuss with ET and Contractor on possible remedial measures;<br>4. Advise the ER on the effectiveness ofthe proposed remedial measures;and<br>5. Monitor the implementation of remedial measures. | 1. Confirm receipt ofnotification of failure in writing;<br>2. Notify Contractor;and<br>3. Ensure remedial measures properly implemented. | 1. Take immediate actionto avoid further exceedance;<br>2. Submit proposals for remedial actions to IECwithin 3 working days of notification;<br>3. Implement the agreedproposals; and<br>4. Amend proposal if appropriate. |
| 2.Exceedance for two or more consecutive samples | 1. Notify IEC, the ER, Contractor and EPD;<br>2. Identify source;<br>3. Repeat measurement to confirm findings;<br>4. Increase monitoring frequency to daily;<br>5. Carry out analysis of Contractor's working procedures to determine | 1. Check monitoring data submitted byET;<br>2. Check Contractor's working method;<br>3. Discuss amongst ER, ET, and Contractor on the potential remedial actions; | 1. Confirm receipt ofnotification of failure in writing;<br>2. Notify Contractor;<br>3. In consultation with IEC, agree with the Contractor on theremedial measures to be implemented; | 1. Take immediate actionto avoid further exceedance;<br>2. Submit proposals for remedial actions to IECwithin 3 working days of notification;<br>3. Implement the agreedproposals; |

| EVENT | ACTION | | | |
|---|---|---|---|---|
| | ET | IEC | PERMIT HOLDER | CONTRACTOR |
| | possible mitigation to be implemented;<br>6. Arrange meeting with IEC, and ER to discuss the remedial actions to be taken;<br>7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; and<br>8. If exceedance stops, cease additional monitoring. | 4. Review Contractor's remedial actions whenever necessary to assuretheir effectiveness and advise the ER accordingly; and<br>5. Monitor implementation of remedial measures. | 4. Ensure remedial measures properly implemented; and<br>5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stopthat portion of work until the exceedances is abated. | 4. Resubmit proposals if problem still not undercontrol; and<br>5. Stop the relevant portion of works as determined by the ER until the exceedance is abated. |

Abbreviations: ET – Environmental Team, IEC – Independent Environmental Checker

**Table I-2: Event / Action Plan for Construction Noise**

| EVENT | ACTION | | | |
|---|---|---|---|---|
| | **ET** | **IEC** | **PERMIT HOLDER** | **CONTRACTOR** |
| Action Level | 1. Notify ER, IEC and Contractor;<br>2. Carry out investigation;<br>3. Report the results of investigation to the IEC, ER and Contractor;<br>4. Discuss with the IEC and Contractor on remedial measures required; and<br>5. Increase monitoring frequency to check mitigation effectiveness. | 1. Review the monitoring data submitted by the ET;<br>2. Review the proposed remedial measures by the Contractor and advise ER; and<br>3. Advise the ER on the effectiveness of the proposed remedial measures. | 1. Confirm receipt of notification of failure in writing;<br>2. Notify Contractor;<br>3. In consolidation with the IEC, agree with the Contractor on the remedial measure to be implemented: and<br>4. Supervise the implementation of remedial measure. | 1. Submit noise mitigation proposals to IEC and ER; and<br>2. Implement noise mitigation proposals. |
| Limit Level | 1. Inform IEC, ER and Contractor and EPD;<br>2. Repeat measurements to confirm findings;<br>3. Increase the monitoring frequency;<br>4. Identify source and investigate the cause of exceedance;<br>5. Carry out analysis of Contractor's working procedures;<br>6. Discuss with the IEC, Contractor and ER on | 1. Discuss amongst the ER, ET, and Contractor on the potential remedial actions; and<br>2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; | 1. Confirm receipt of notification of failure in writing;<br>2. Notify the Contractor;<br>3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;<br>4. Supervise the implementation of remedial measures; and<br>5. If exceedance continues, consider | 1. Take immediate action to avoid further exceedance;<br>2. Submit proposals for remedial actions to the IEC and ER within 3 working days of notification;<br>3. Implement the agreed proposals;<br>4. Submit further proposal if problem still not under control; and<br>5. Stop the relevant portion of works as |

| EVENT | ACTION | | | |
|---|---|---|---|---|
| | ET | IEC | PERMIT HOLDER | CONTRACTOR |
| | remedial measure required;<br>7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; and<br>8. If exceedance stops, cease additional monitoring. | | stopping the Contractor to continue working in that portion of work which causes the exceedance until the exceedance is abated. | determined by the ER until the exceedance is abated. |

Abbreviations: ET – Environmental Team, IEC – Independent Environmental Checker

**Table I-3: Event / Action Plan for Landscape and Visual Mitigation Measures**

| EVENT | ACTION | | | |
|---|---|---|---|---|
| | **ET** | **IEC** | **PERMIT HOLDER** | **CONTRACTOR** |
| Non-conformity on one occasion | Identify source. Inform IEC and ER.<br>Discuss remedial actions with IEC, ER and Contractor.<br>Monitor remedial actions until rectification has been completed. | Check report.<br>Check Contractor's working method.<br>Discuss with ET and Contractor on possible remedial measures.<br>Advise ER on effectiveness of proposed remedial measures.<br>Check implementation of remedial measures. | Notify Contractor. Ensure remedial measures are properly implemented | Amend working methods to prevent recurrence of nonconformity.<br>Rectify damage and undertake additional action necessary. |
| Repeated Nonconformity | Identify source.<br>Inform IEC and ER.<br>Increase monitoring frequency. Discuss remedial actions with IEC, ER and Contractor.<br>Monitor remedial actions until rectification has been completed.<br>If non-conformity stops, cease additional monitoring. | Check monitoring report. Check Contractor's working method.<br>Discuss with ET and Contractor on possible remedial measures.<br>Advise ER on effectiveness of proposed remedial measures.<br>Supervise implementation of remedial measures. | Notify Contractor.<br>Ensure remedial measures are properly implemented. | Amend working methods to prevent recurrence of nonconformity.<br>Rectify damage and undertake additional action necessary. |

Abbreviations: ET – Environmental Team, IEC – Independent Environmental Checker

# APPENDIX J
# SUMMARY OF EXCEEDANCE

## Appendix J: Exceedance Report

### (A) Exceedance Report for Air Quality

| Environmental Monitoring | Parameter | No. of non-project related Exceedance | | No. of Exceedance related to the Construction Activities of this Contract | | Cumulative No. of Exceedance recorded |
|---|---|---|---|---|---|---|
| | | Action Level | Limit Level | Action Level | Limit Level | |
| Air Quality | 1-hr TSP | 0 | 0 | 0 | 0 | 0 |

(B) Exceedance Report for Construction Noise

| Environmental Monitoring | Parameter | No. of non-project related Exceedance | | No. of Exceedance related to the Construction Activities of this Contract | | Cumulative No. of Exceedance recorded |
|---|---|---|---|---|---|---|
| | | Action Level | Limit Level | Action Level | Limit Level | |
| Noise | $L_{eq(30\ min.)}$ dB(A) | 0 | 0 | 0 | 0 | 0 |

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

| EIA Ref. | EM&A Ref. | Recommended Mitigation Measures | Objectives of the Recommended Measure & Main Concerns to address | Implementation Agent | Location / Duration of the measure | Implementation Stages[1] | | | Relevant Legislation & Guidelines | Implementation Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Des | C | O | | |
| **Air Quality Impact Construction Phase** | | | | | | | | | | |
| 3.9.1 | 2.2 | **Dust Control Measures**<br>To achieve compliance with the FSP, RSP and TSP criteria during the construction phase, good practices for dust control should be implementedto reduce dust impacts. The dust control measures are detailed as follows: | Construction Dust | Contractor | Project construction site / Duration of the construction phase / Prior to commencement of operation | | ✓ | | EIA Recommendation and Air Pollution Control (Construction Dust) Regulation | |
| | | ■ Covering 80% of stockpiling area by impervious sheets and spraying all dusty material with water immediately prior to any loading transfer operations to keep the dusty materials wet during material handling at the stockpile areas | | | | | | | | Y |
| | | Disturbed Parts of the Roads<br>■ Main temporary access points should bepaved with concrete, bituminous hardcore materials or metal plates and be kept clear of dusty materials; or<br>■ Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road surface wet. | | | | | | | | Y |
| | | Wheel washing<br>■ Vehicle wheel washing facilities should be provided at each construction site exit. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. | | | | | | | | Y |
| | | Use of vehicles<br>■ The speed of the trucks within the site should be controlled to about 10 km/hour in order to reduce adverse dust impacts and secure the safe movement around the site.<br>■ Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels. | | | | | | | | Y |
| | | Site hoarding<br>■ Where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of not less than 2.4m high from ground level should be provided along the entire length of that portion of the site boundary except for a site entrance or exit | | | | | | | | Y |

| EIA Ref. | EM&A Ref. | Recommended Mitigation Measures | Objectives of the Recommended Measure & Main Concerns to address | Implementation Agent | Location / Duration of the measure | Implementation Stages[1] | | | Relevant Legislation & Guidelines | Implementation Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Des | C | O | | |
| **Noise Impact Construction Phase** | | | | | | | | | | |
| 4.4.6 | 3.2 | **Good Site Practice**<br>Good site practice and noise management can significantly reduce the impact of construction site activities on nearby NSRs. The following package of measures should be followed during each phase of construction: | Maintain good site practice to minimise / avoid construction noise impact | Contractor | Within the Project site / During construction phase / Prior to commencement of operation. | | ✓ | | EIAO and Noise Control Ordinance | |
| | | ■ only well-maintained plant to be operated on-site and plant should be serviced regularly during the construction works; | | | | | | | | Y |
| | | ■ material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities. | | | | | | | | Y |
| | | Adoption of QPME<br>QPME should be adopted as far as applicable. | | | | | | | | Y |
| | | Use of Noise Enclosure/ Acoustic Shed<br>Noise enclosure or acoustic shed should be used to cover stationary PME such as air compressor and generator. | | | | | | | | Y |
| | | Use of Noise Insulating Fabric<br>Noise insulating fabric can also be adopted for certain PME (e.g. pilling machine etc.). | | | | | | | | Y |

| EIA Ref. | EM&A Ref. | Recommended Mitigation Measures | Objectives of the Recommended Measure & Main Concerns to address | Implementation Agent | Location / Duration of the measure | Implementation Stages[1] | | | Relevant Legislation & Guidelines | Implementation Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Des | C | O | | |
| **Water Quality Impact Construction Phase** | | | | | | | | | | |
| 5.6.1.1 | 4.2 | **General Construction Activities**<br>The following measures should be implemented: | Maintain good site practices to avoid pollution of water courses | Contractor | Within the Project site / During construction phase | | ✓ | | Water Pollution Control Ordinance (Cap. 358), ProPECC Note PN 1/94 | |
| 5.6.1.2 | 4.2 | ■ Construction waste, debris and refuse generated on-site should be stored or contained appropriately to prevent them entering nearby watercourses or blocking stormwater drains.<br>■ Regular off-site removal of these materials should be maintained to minimise the volume of waste present on the construction site at any one time. | | | | | | | | Y |
| | | **Construction Site Runoff**<br>The site practices outlined in ProPECC Note PN 1/94 should be followed as far as practicable in order to minimise surface runoff and the chance of erosion. The following measures are recommended:<br>■ Temporary site drainage facilities are to be designed and implemented by the Contractor prior to commencement of construction to convey surface runoff to storm drains applying adequately designed silt/ sand removal traps and sediment basins.<br>■ Runoff into the excavation areas during rainstorm events shall be minimised as far as practicable. Any wastewater pumped out of the excavation areas shall be treated to remove suspended solids prior to discharge.<br>■ Open stockpiles of material should be covered on site with waterproof layers such as tarpaulin to reduce the potential for sediment laden runoff entering the drainage system.<br>■ The wheels of all vehicles and plant should be cleaned before leaving the works areas to remove sediment, soil and debris from the tracks. The washwater should be treated to remove any suspended sediment.<br>■ Manholes (including those constructed as part of the Project) should be adequately covered and temporarily sealed at all times to prevent silt, construction materials or | | | | | | | | Y |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | debris from entering the drainage system, and to prevent storm runoff from entering foul sewers. The discharge of surface runoff into foul sewers should be prevented so as not to overload the sewerage system.<br>■ Discharges should be collected by the temporary drainage system installed by the Contractor and treated on-site to remove sediment prior to discharge to the off-site drainage areas. The Contractor is required to obtain a discharge licence from EPD under the WPCO for all discharges from site with all discharges meeting the water quality requirements of the Technical Memorandum on Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters (TM-DSS) | | | | | | | | |
| 5.6.1.3 | 4.2 | **Accidental Spillage of Chemicals**<br>In accordance with the Waste Disposal (Chemical Waste) (General) Regulation (Cap 354C), the following measures should be implemented:<br>■ The labelling and storage of chemicals should be in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes and maintained at all times by the Contractor.<br>■ Oils and fuels should only be stored in designated areas which have appropriate pollution prevention control facilities such as oil and grease traps. | Prevent accidental discharge of chemicals into the surrounding environment | Contractor | Within the Project site / During construction phase | | ✓ | | Code of Practice on the Packaging Labelling and Storage of Chemical Wastes; Waste Disposal (Chemical Waste) (General) Regulation (Cap 354C) | Y |
| 5.6.1.4 | 4.2 | **Sewage from Construction Workforce**<br>Portable toilets should be available throughout the construction phase and regularly maintained, collected and disposed by a licensed wastecollector to a public sewage treatment works for suitable treatment. | Prevent discharge of sewage into the surrounding environment | Contractor | Within the Project site / During construction phase | | ✓ | | Water Pollution Control Ordinance (Cap. 358), ProPECC Note PN 1/94 | Y |

| EIA Ref. | EM&A Ref. | Recommended Mitigation Measures | Objectives of the Recommended Measure & Main Concerns to address | Implementation Agent | Location / Duration of the measure | Implementation Stages[1] | | | Relevant Legislation & Guidelines | Implementation Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Des | C | O | | |
| **Waste Management Implications Construction Phase** | | | | | | | | | | |
| 7.5.1.1 | 6.2 | **Good Site Practice**<br>Recommendations for good site practices during the construction activities include: | Implement good site practices to minimise waste generation | Contractor | Project construction site / Throughout construction stage / Until completion of all construction activities | | ✓ | | Waste Disposal Ordinance (Cap 354); Waste Disposal (Chemical Wastes) (General) Regulation (Cap | Y |
| | | ■ Training of site personnel in proper waste management and chemical handling procedures<br>■ Provision of sufficient waste disposal points and regular collection of waste<br>■ Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads | | | | | | | 354C); and ETWB Technical Circular (Works) No. 19/2005<br>Environmental Management on Construction Site | Y |
| 7.5.1.2 | 6.2 | **Waste Reduction Measures**<br>Good management and control can prevent the generation of a significant amount of waste. Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include:<br>■ Sort non-inert C&D materials torecover any recyclable portions<br>■ Segregation and storage of differenttypes of waste in different containers or skips or stockpiles to enhance reuse or recycling of materials and their proper disposal | | | | | | | Waste Disposal Ordinance (Cap 354) | Y |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 7.5.1.3 | 6.2 | **Inert and Non-inert C&D Materials**<br>In order to minimise impacts resulting from collection and transportation of inert C&D materials for off-site disposal, the inert C&D materials should be reused on-site as fill material as far as practicable. In addition, inert C&D materials generated from excavation works could be reused as fill materials in local projects that require public fill for reclamation.<br>The surplus inert C&D materials will be disposed of at the Government's PFRFs for beneficial use by other projects in Hong Kong.<br>The C&D materials generated from general site clearance should be sorted on site to segregate any inert materials for reuse or disposal at PFRFs whereas the non-inert materials will be disposed of at the designated landfill site.<br>In order to monitor the disposal of inert and non-inert C&D materials at respectively PFRFs and the designated landfill site, and to control fly-tipping, it is recommended that the Contractor should follow the DEVB Technical Circular (Works) No. 6/2010 for Trip Ticket System for Disposal of Construction & Demolition Materials issued by Development Bureau. In addition, it is also recommended that the Contractor should prepare and implement a Waste Management Plan detailing their various waste arising and waste management practices in accordance with the relevant requirements of the ETWB Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site | Minimise impacts resulting from collection and transportation of inert C&D materials | Contractor | Project construction site / Throughout construction stage / Until completion of all construction activities | | ✓ | | Waste Disposal Ordinance (Cap 354); DEVB Technical Circular (Works) No.6/2010 for Trip Ticket System for Disposal of Construction & Demolition Materials; and ETWB Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site | Y |
| 7.5.1.4 | 6.2 | **Chemical Waste**<br>If chemical wastes are produced at the construction site, the Contractor will be required to register with the EPD as a chemical waste producer and to follow the guidelines stated in the "Code of Practice on the Package Labelling and Wastes'" Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidising, irritant, toxic, harmful, corrosive, etc. The Contractor should use a licensed collector to transport and dispose of the chemical wastes at the approved Chemical Waste Treatment Centre or other licensed recycling facilities, in accordance with theWaste Disposal | Implement good practices to avoid chemical waste impact. | Contractor | Project construction site / Throughout construction stage / Until completion of all construction activities | | ✓ | | Code of Practice on the Packaging Labelling and Storage of Chemical Wastes;Waste Disposal (Chemical Waste) (General) Regulation (Cap 354C) | Y |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | (Chemical Waste) (General) Regulation.<br>Potential environmental impacts arising from the handling activities (including storage, collection, transportation and disposal of chemical waste) are expected to be minimal with the implementation of<br>appropriate mitigation measures as recommended | | | | | | | | |
| 7.5.1.5 | 6.2 | **General Refuse**<br>General refuse should be stored in enclosed bins or compaction units separated from inert C&D materials. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from inert C&D materials. Preferably an enclosed and covered area should be provided to reduce the occurrenceof 'wind blown' light material. | Implement good practices to avoid odournuisance or pest/verminproblem and waste impact. | Contractor | Project construction site / Throughout construction stage / Until completion of all construction activities | | ✓ | | Waste Disposal Ordinance (Cap 354); Public Health and Municipal Services Ordinance (Cap 132) - Public Cleansing and Prevention of<br>Nuisances | Y |

| EIA Ref. | EM&A Ref. | Recommended Mitigation Measures | Objectives of the Recommended Measure & Main Concerns to address | Implementation Agent | Location / Duration of the measure | Implementation Stages[1] | | | Relevant Legislation & Guidelines | Implementation Status |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Des | C | O | | |
| **Ecological Impact** | | | | | | | | | | |
| 9.7.1 | 8.3 | **Temporary Protective Fence for Flora Species of Conservation Interest**<br>During construction phase, erection and maintenance of a temporary protective fence enclosing the flora species of conservation interest identified under the detailed vegetation survey is recommended.<br>Monthly monitoring of any other flora species of conservation interest identified in the detailed vegetation survey should be conducted during the construction phase. | To avoid potential impact on flora species of conservation interest from construction activities such as materials storage;<br>To make sure that the flora species of conservation interest are not affected by the construction activities of the Project | Contractor | Project construction site / Throughout construction stage / Until completion of all construction activities | | ✓ | | EIAO-TM | Y |
| **Landscape and Visual Impacts Construction Phase** | | | | | | | | | | |
| Table 10.11 | Table 9.1 | CM01: Trees / woodland within the Project Site which are unaffected by the works shall be protected and preserved during the detailed design stage and construction phase. The tree preservation proposals shall be coordinated with the layout and design of the engineering and architectural works at detailed design stage for further retention of individual trees. The preservation of existing tree shall provide instant greening and screening effect for proposed works. Tree protection works will be undertaken in accordance with DEVB TC(W) 7/2015 on “Tree Preservation” and tree risk assessment in accordance with “Guidelines for Tree Risk Assessment and Management Arrangement by DEVB. | Preserve and protect existing trees | Contractor | Project area / During design stage / construction phase / Establishment Period | ✓ | ✓ | | EIAO-TM;<br>Protection of Endangered Species of Animals and Plants Ordinance (Cap 586);<br>DEVB TC(W) No. 6/2015 Maintenance of Vegetation and Hard Landscape Features;<br>ETWB TCW No. 29/2004 Registration of Old and Valuable Trees, and Guidelines for their Preservation;<br>DEVB TC(W) No. 07/2015 -Tree Preservation;<br>ETWB (2/2007) - General Guidelines on Tree Pruning;<br>GLTMS (12/2013) | Y |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | -Guidelines for Tree Risk Assessment and Management Arrangement on an Area Basis and on a Tree Basis | Y |
| Table 10.11 | Table 9.1 | CM05: Decorative screen hoarding will be erected along areas of the construction works site boundary where the works site borders publically accessible routes and/or is close to visually sensitive receivers (VSRs) to screen undesirable views of the works site. It is proposed that the screening be compatible with the surrounding environment and where possible, non-reflective, recessive colours be used | Minimise landscape and visual impacts. | Contractor | Project area – areas adjacent to sensitive receivers / During construction phase. | | ✓ | | EIAO-TM | Y |

Note 1: Des = Design; C = Construction; O = Operation

**APPENDIX L**
**WASTE GENERATION IN THE REPORTING MONTH**

Name of Department: ArchSD

# Monthly Summary Waste Flow Table for 2025 (year)

Project : Design and Construction of Kong Nga Po Police Training Facilities Contract No.: SS K509

| Month | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | | Actual Quantities of C&D Wastes Generated Monthly | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Quantity Generated | Hard Rock and Large Broken Concrete | Bituminous Material | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper/ cardboard packaging | Plastics (see Note 3) | Chemical Waste | Others, e.g. general refuse |
| | (in '000$m^3$) | (in '000$m^3$) | (in '000$m^3$) | (in '000$m^3$) | (in '000$m^3$) | (in '000$m^3$) | (in '000$m^3$) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000 $m^3$) |
| Cumulative in 2023 | 16.796 | 0.000 | 0.000 | 0.000 | 0.000 | 16.796 | 0.000 | 0.000 | 0.041 | 0.054 | 0.000 | 0.657 |
| Cumulative in 2024 | 68.120 | 0.000 | 0.000 | 19.942 | 32.572 | 15.607 | 0.000 | 12.077 | 1.129 | 4.454 | 0.000 | 8.249 |
| Jan | 2.012 | 0.000 | 0.000 | 1.329 | 0.306 | 0.377 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.495 |
| Feb | 5.313 | 0.000 | 0.000 | 3.129 | 1.944 | 0.241 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.456 |
| Mar | 11.552 | 0.000 | 0.000 | 5.929 | 5.064 | 0.559 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.827 |
| Apr | 2.902 | 0.000 | 0.000 | 1.329 | 1.346 | 0.228 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 2.243 |
| May | 4.533 | 0.000 | 0.000 | 3.337 | 0.332 | 0.865 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 2.600 |
| Jun | 7.595 | 0.000 | 0.000 | 6.880 | 0.000 | 0.715 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.632 |
| Sub-total | 33.907 | 0.000 | 0.000 | 21.934 | 8.990 | 2.984 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 11.252 |
| Jul | 2.897 | 0.000 | 0.000 | 0.635 | 0.039 | 2.223 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.852 |
| Aug | 3.742 | 0.000 | 0.000 | 0.635 | 0.000 | 3.107 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.034 |
| Sep | | | | | | | | | | | | |
| Oct | | | | | | | | | | | | |
| Nov | | | | | | | | | | | | |
| Dec | | | | | | | | | | | | |
| Total | 125.462 | 0.000 | 0.000 | 43.146 | 41.601 | 40.717 | 0.000 | 12.077 | 1.170 | 4.508 | 0.000 | 22.043 |

Notes:

(1) The performance targets are given in the Particular Specification on Environmental Management Plan.

(2) The waste flow table shall also include construction waste 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.

(5) If necessary, use the conversion factor: 1 full load of dumping truck being equivalent to 6.5 m3 by volume.

| | Date of transaction 交易日期 | Vehicle No. 車牌號碼 | Account No. 帳戶編號 | Chit No. 入帳票編號 | Time-in 進入時間 | Time-out 離開時間 | Waste depth (meter) 廢物深度(米) | Weight-in (tonne) 入閘重量(公噸) | Weight-out (tonne) 出閘重量(公噸) | Net weight (tonne) 淨重量(公噸) |
|---|---|---|---|---|---|---|---|---|---|---|
| TM38--FB | 1/8/2025 | XF8*90 | 7046289 | 29029550 | 9:14 | 9:21 | 0 | 36.26 | 16.1 | 20.16 |
| TM38--FB | 1/8/2025 | UM6*39 | 7046289 | 29029492 | 9:28 | 9:33 | 0 | 28.79 | 14.13 | 14.66 |
| TM38--FB | 1/8/2025 | ME8*22 | 7046289 | 29029493 | 9:32 | 9:39 | 0 | 28.95 | 14.03 | 14.92 |
| TM38--FB | 1/8/2025 | WA3*22 | 7046289 | 29029494 | 9:38 | 9:45 | 0 | 28.44 | 14.01 | 14.43 |
| TM38--FB | 1/8/2025 | TN6*34 | 7046289 | 29029495 | 9:38 | 9:45 | 0 | 28.73 | 13.87 | 14.86 |
| TM38--FB | 1/8/2025 | XC5*85 | 7046289 | 29029551 | 9:39 | 9:46 | 0 | 36.71 | 16.21 | 20.5 |
| TM38--FB | 1/8/2025 | RJ6*03 | 7046289 | 29029496 | 9:40 | 9:48 | 0 | 29.16 | 14.53 | 14.63 |
| TM38--FB | 1/8/2025 | ZJ1*47 | 7046289 | 29029497 | 9:44 | 9:53 | 0 | 36.54 | 16.74 | 19.8 |
| TM38--FB | 1/8/2025 | ZJ4*30 | 7046289 | 29029498 | 9:55 | 10:01 | 0 | 36.99 | 16.37 | 20.62 |
| TM38--FB | 1/8/2025 | RN8*15 | 7046289 | 29029499 | 10:04 | 10:10 | 0 | 28.84 | 14.26 | 14.58 |
| TM38--FB | 1/8/2025 | HC3* | 7046289 | 29029500 | 10:10 | 10:17 | 0 | 36.7 | 16.32 | 20.38 |
| TM38--FB | 1/8/2025 | XC5*85 | 7046289 | 28871795 | 11:40 | 11:52 | 0 | 37.07 | 16.21 | 20.86 |
| TM38--FB | 1/8/2025 | ME8*22 | 7046289 | 29029503 | 11:43 | 11:50 | 0 | 28.89 | 14.04 | 14.85 |
| TM38--FB | 1/8/2025 | XF8*90 | 7046289 | 29029501 | 11:45 | 11:55 | 0 | 37.05 | 16.43 | 20.62 |
| TM38--FB | 1/8/2025 | ZJ1*47 | 7046289 | 29029414 | 11:48 | 11:58 | 0 | 36.39 | 16.7 | 19.69 |
| TM38--FB | 1/8/2025 | WA4*38 | 7046289 | 29029508 | 12:18 | 12:28 | 0 | 37.19 | 16.48 | 20.71 |
| TM38--FB | 1/8/2025 | RN8*15 | 7046289 | 29029507 | 12:34 | 12:42 | 0 | 29.82 | 14.24 | 15.58 |
| TM38--FB | 1/8/2025 | JP8*1 | 7046289 | 29029509 | 12:47 | 12:52 | 0 | 28.52 | 13.88 | 14.64 |
| TM38--FB | 1/8/2025 | HC3* | 7046289 | 29029510 | 12:51 | 13:10 | 0 | 36.64 | 16.29 | 20.35 |
| TM38--FB | 1/8/2025 | YN6*84 | 7046289 | 29029511 | 12:54 | 13:12 | 0 | 37.35 | 16.02 | 21.33 |
| TM38--FB | 1/8/2025 | UM6*39 | 7046289 | 29029502 | 13:02 | 13:10 | 0 | 28.64 | 14.38 | 14.26 |
| TM38--FB | 1/8/2025 | KS9*4 | 7046289 | 29029513 | 14:10 | 14:18 | 0 | 37.3 | 16.32 | 20.98 |
| TM38--FB | 1/8/2025 | ZJ1*47 | 7046289 | 29029512 | 14:27 | 14:34 | 0 | 36.23 | 16.69 | 19.54 |
| TM38--FB | 1/8/2025 | WA3*22 | 7046289 | 29029504 | 14:43 | 14:50 | 0 | 29.17 | 13.95 | 15.22 |
| TM38--FB | 1/8/2025 | XC5*85 | 7046289 | 29029417 | 14:46 | 14:54 | 0 | 36.67 | 16.18 | 20.49 |
| TM38--FB | 1/8/2025 | RJ6*03 | 7046289 | 29029505 | 14:49 | 15:00 | 0 | 29.16 | 14.53 | 14.63 |
| TM38--FB | 1/8/2025 | TN6*34 | 7046289 | 29029506 | 14:54 | 15:04 | 0 | 28.81 | 13.87 | 14.94 |
| TM38--FB | 1/8/2025 | WA4*38 | 7046289 | 29029515 | 15:08 | 15:16 | 0 | 36.88 | 16.46 | 20.42 |
| TM38--FB | 1/8/2025 | XF8*90 | 7046289 | 29029418 | 15:16 | 15:22 | 0 | 35.72 | 16.03 | 19.69 |
| TM38--FB | 1/8/2025 | ME8*22 | 7046289 | 29029419 | 15:17 | 15:24 | 0 | 28.45 | 14.01 | 14.44 |
| TM38--FB | 1/8/2025 | SB5*50 | 7046289 | 29029514 | 15:21 | 15:28 | 0 | 29.01 | 13.85 | 15.16 |
| TM38--FB | 1/8/2025 | ZU5*2 | 7046289 | 29029516 | 15:23 | 15:31 | 0 | 29.14 | 14.41 | 14.73 |
| TM38--FB | 1/8/2025 | UM6*39 | 7046289 | 29029518 | 15:41 | 15:46 | 0 | 28.85 | 14.4 | 14.45 |
| TM38--FB | 1/8/2025 | RN8*15 | 7046289 | 29029517 | 15:44 | 15:52 | 0 | 28.94 | 14.28 | 14.66 |
| TM38--FB | 1/8/2025 | YN6*84 | 7046289 | 29029519 | 16:08 | 16:18 | 0 | 37.13 | 15.98 | 21.15 |
| TM38--FB | 1/8/2025 | ZJ1*47 | 7046289 | 29029520 | 16:14 | 16:22 | 0 | 36.38 | 16.66 | 19.72 |
| TM38--FB | 1/8/2025 | HE8*96 | 7046289 | 29029521 | 16:23 | 16:41 | 0 | 29.23 | 14.59 | 14.64 |
| TM38--FB | 1/8/2025 | HC3* | 7046289 | 29029522 | 16:28 | 16:36 | 0 | 36.41 | 16.23 | 20.18 |
| TM38--FB | 1/8/2025 | RJ6*03 | 7046289 | 29029523 | 16:36 | 16:46 | 0 | 28.78 | 14.5 | 14.28 |
| TM38--FB | 1/8/2025 | XC5*85 | 7046289 | 29029420 | 16:37 | 16:44 | 0 | 36.87 | 16.17 | 20.7 |
| TM38--FB | 1/8/2025 | WA3*22 | 7046289 | 29029524 | 16:42 | 16:49 | 0 | 28.28 | 14.03 | 14.25 |
| TM38--FB | 1/8/2025 | TN6*34 | 7046289 | 29029525 | 16:45 | 16:51 | 0 | 27.93 | 13.83 | 14.1 |
| TM38--FB | 1/8/2025 | XF8*90 | 7046289 | 29029421 | 16:55 | 17:02 | 0 | 35.94 | 16 | 19.94 |
| TM38--FB | 1/8/2025 | WA4*38 | 7046289 | 29029526 | 16:57 | 17:14 | 0 | 35.78 | 16.42 | 19.36 |
| TM38--FB | 1/8/2025 | SB5*50 | 7046289 | 29029528 | 17:11 | 17:18 | 0 | 28.7 | 13.79 | 14.91 |
| TM38--FB | 1/8/2025 | ME8*22 | 7046289 | 29029527 | 17:12 | 17:25 | 0 | 28.68 | 13.94 | 14.74 |
| TM38--FB | 1/8/2025 | WL1*9 | 7046289 | 29029529 | 17:16 | 17:38 | 0 | 36.84 | 16.36 | 20.48 |
| TM38--FB | 1/8/2025 | UM6*39 | 7046289 | 29029530 | 17:20 | 17:30 | 0 | 28.66 | 14.34 | 14.32 |
| TM38--FB | 7/8/2025 | WT9*68 | 7046289 | 29029482 | 9:10 | 9:20 | 0 | 35.87 | 15.9 | 19.97 |
| TM38--FB | 7/8/2025 | YG6*3 | 7046289 | 29029483 | 9:17 | 9:36 | 0 | 36.64 | 16.13 | 20.51 |
| TM38--FB | 7/8/2025 | UM6*39 | 7046289 | 29029484 | 9:22 | 9:29 | 0 | 28.74 | 14.43 | 14.31 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TM38--FB | 7/8/2025 | YR3*5 | 7046289 | 29029481 | 9:24 | 9:31 | 0 | 36.94 | 17.38 | 19.56 |
| TM38--FB | 7/8/2025 | TN6*34 | 7046289 | 29029485 | 9:27 | 9:36 | 0 | 28.04 | 13.86 | 14.18 |
| TM38--FB | 7/8/2025 | KZ9*1 | 7046289 | 29029316 | 9:45 | 9:52 | 0 | 36.6 | 17.51 | 19.09 |
| TM38--FB | 7/8/2025 | RJ6*03 | 7046289 | 29029315 | 9:47 | 9:55 | 0 | 29.14 | 14.57 | 14.57 |
| TM38--FB | 7/8/2025 | RJ6*03 | 7046289 | 29029531 | 11:27 | 11:35 | 0 | 29.56 | 14.52 | 15.04 |
| TM38--FB | 7/8/2025 | YR3*5 | 7046289 | 29029487 | 11:28 | 11:35 | 0 | 37.38 | 17.38 | 20 |
| TM38--FB | 7/8/2025 | UM6*39 | 7046289 | 29029486 | 11:43 | 11:55 | 0 | 29.22 | 14.56 | 14.66 |
| TM38--FB | 7/8/2025 | KZ9*1 | 7046289 | 29029572 | 11:57 | 12:08 | 0 | 36.83 | 17.12 | 19.71 |
| TM38--FB | 7/8/2025 | YR3*5 | 7046289 | 29029573 | 13:20 | 13:28 | 0 | 37.03 | 17.37 | 19.66 |
| TM38--FB | 7/8/2025 | UM6*39 | 7046289 | 29029488 | 13:29 | 13:37 | 0 | 28.63 | 14.33 | 14.3 |
| TM38--FB | 7/8/2025 | WT9*68 | 7046289 | 29029574 | 13:31 | 13:43 | 0 | 36.9 | 15.86 | 21.04 |
| TM38--FB | 7/8/2025 | YG6*3 | 7046289 | 29029575 | 13:43 | 14:00 | 0 | 36.65 | 16.1 | 20.55 |
| TM38--FB | 7/8/2025 | KZ9*1 | 7046289 | 29029576 | 14:04 | 14:13 | 0 | 36.44 | 16.86 | 19.58 |
| TM38--FB | 7/8/2025 | YR3*5 | 7046289 | 29029577 | 15:08 | 15:17 | 0 | 37.29 | 17.31 | 19.98 |
| TM38--FB | 7/8/2025 | UM6*39 | 7046289 | 29029578 | 15:15 | 15:26 | 0 | 28.55 | 14.27 | 14.28 |
| TM38--FB | 7/8/2025 | WT9*68 | 7046289 | 29029579 | 16:41 | 16:53 | 0 | 36.88 | 15.8 | 21.08 |
| TM38--FB | 7/8/2025 | RJ6*03 | 7046289 | 29029581 | 16:52 | 17:06 | 0 | 29.21 | 14.45 | 14.76 |
| TM38--FB | 7/8/2025 | YR3*5 | 7046289 | 29029580 | 17:01 | 17:12 | 0 | 36.81 | 17.27 | 19.54 |
| TM38--FB | 7/8/2025 | YG6*3 | 7046289 | 29029582 | 17:06 | 17:33 | 0 | 36.55 | 16.07 | 20.48 |
| TM38--FB | 7/8/2025 | UM6*39 | 7046289 | 29029583 | 17:10 | 17:17 | 0 | 28.32 | 14.26 | 14.06 |
| TM38--FB | 7/8/2025 | KZ9*1 | 7046289 | 29029584 | 17:17 | 17:27 | 0 | 36.23 | 16.81 | 19.42 |
| TM38--FB | 8/8/2025 | XC5*85 | 7046289 | 29029585 | 9:17 | 9:23 | 0 | 36.37 | 16.17 | 20.2 |
| TM38--FB | 8/8/2025 | WT9*68 | 7046289 | 29029586 | 9:24 | 9:31 | 0 | 36.44 | 15.9 | 20.54 |
| TM38--FB | 8/8/2025 | UM6*39 | 7046289 | 29029589 | 9:28 | 9:33 | 0 | 28.81 | 14.21 | 14.6 |
| TM38--FB | 8/8/2025 | ZJ1*47 | 7046289 | 29029588 | 9:28 | 9:35 | 0 | 36.6 | 16.46 | 20.14 |
| TM38--FB | 8/8/2025 | YC3*8 | 7046289 | 29029587 | 9:32 | 9:38 | 0 | 28.57 | 14 | 14.57 |
| TM38--FB | 8/8/2025 | YZ5*12 | 7046289 | 29029591 | 9:36 | 9:47 | 0 | 35.59 | 16.24 | 19.35 |
| TM38--FB | 8/8/2025 | VL8*15 | 7046289 | 29029590 | 9:41 | 9:51 | 0 | 28.51 | 14.04 | 14.47 |
| TM38--FB | 8/8/2025 | VL7*3 | 7046289 | 29029592 | 9:52 | 10:05 | 0 | 27.72 | 12.84 | 14.88 |
| TM38--FB | 8/8/2025 | ZJ4*30 | 7046289 | 29029593 | 9:55 | 10:00 | 0 | 36.76 | 16.4 | 20.36 |
| TM38--FB | 8/8/2025 | RJ6*03 | 7046289 | 29029594 | 9:55 | 10:01 | 0 | 29.04 | 14.52 | 14.52 |
| TM38--FB | 8/8/2025 | DF6*31 | 7046289 | 29029596 | 10:26 | 10:33 | 0 | 35.72 | 16.24 | 19.48 |
| TM38--FB | 8/8/2025 | YB4*79 | 7046289 | 29029595 | 10:45 | 10:54 | 0 | 28.82 | 13.85 | 14.97 |
| TM38--FB | 8/8/2025 | XC5*85 | 7046289 | 29029597 | 11:23 | 11:29 | 0 | 36.57 | 16.14 | 20.43 |
| TM38--FB | 8/8/2025 | ZJ1*47 | 7046289 | 29029599 | 11:28 | 11:35 | 0 | 35.55 | 16.45 | 19.1 |
| TM38--FB | 8/8/2025 | YC3*8 | 7046289 | 29029600 | 11:34 | 11:47 | 0 | 28.53 | 13.92 | 14.61 |
| TM38--FB | 8/8/2025 | UM6*39 | 7046289 | 29029598 | 11:44 | 11:52 | 0 | 29.26 | 14.34 | 14.92 |
| TM38--FB | 8/8/2025 | VL8*15 | 7046289 | 29029601 | 12:03 | 12:11 | 0 | 28.26 | 14 | 14.26 |
| TM38--FB | 8/8/2025 | YR3*5 | 7046289 | 29029604 | 12:04 | 12:24 | 0 | 37.02 | 17.35 | 19.67 |
| TM38--FB | 8/8/2025 | ZJ4*30 | 7046289 | 29029602 | 12:18 | 12:28 | 0 | 36.36 | 16.36 | 20 |
| TM38--FB | 8/8/2025 | RJ6*03 | 7046289 | 29029603 | 12:19 | 12:28 | 0 | 29.03 | 14.51 | 14.52 |
| TM38--FB | 8/8/2025 | YN6*84 | 7046289 | 29029606 | 12:45 | 12:53 | 0 | 37.1 | 16.12 | 20.98 |
| TM38--FB | 8/8/2025 | YZ5*12 | 7046289 | 29029608 | 12:58 | 13:10 | 0 | 36.15 | 16.22 | 19.93 |
| TM38--FB | 8/8/2025 | YB4*79 | 7046289 | 29029607 | 13:01 | 13:13 | 0 | 28.42 | 13.82 | 14.6 |
| TM38--FB | 8/8/2025 | HC3* | 7046289 | 29029609 | 13:06 | 13:14 | 0 | 36.8 | 16.25 | 20.55 |
| TM38--FB | 8/8/2025 | ZJ1*47 | 7046289 | 29029610 | 13:07 | 13:15 | 0 | 36.38 | 16.4 | 19.98 |
| TM38--FB | 8/8/2025 | XC5*85 | 7046289 | 29029611 | 13:22 | 13:29 | 0 | 36.61 | 16.11 | 20.5 |
| TM38--FB | 8/8/2025 | UM6*39 | 7046289 | 29029613 | 13:26 | 13:36 | 0 | 28.54 | 14.3 | 14.24 |
| TM38--FB | 8/8/2025 | YC3*8 | 7046289 | 29029612 | 13:27 | 13:38 | 0 | 28.83 | 13.89 | 14.94 |
| TM38--FB | 8/8/2025 | WT9*68 | 7046289 | 29029605 | 13:31 | 13:46 | 0 | 37 | 15.86 | 21.14 |
| TM38--FB | 8/8/2025 | XA3*92 | 7046289 | 29029614 | 13:49 | 13:58 | 0 | 36.52 | 16.44 | 20.08 |
| TM38--FB | 8/8/2025 | VL8*15 | 7046289 | 29029615 | 13:57 | 14:06 | 0 | 28.76 | 13.98 | 14.78 |
| TM38--FB | 8/8/2025 | YR3*5 | 7046289 | 29029616 | 14:03 | 14:12 | 0 | 37.46 | 17.27 | 20.19 |
| TM38--FB | 8/8/2025 | RJ6*03 | 7046289 | 29029617 | 14:06 | 14:26 | 0 | 29.42 | 14.48 | 14.94 |
| TM38--FB | 8/8/2025 | ZJ4*30 | 7046289 | 29029618 | 14:10 | 14:33 | 0 | 36.22 | 16.33 | 19.89 |
| TM38--FB | 8/8/2025 | ZJ1*47 | 7046289 | 29029619 | 14:55 | 15:07 | 0 | 36.21 | 16.49 | 19.72 |
| TM38--FB | 8/8/2025 | YB4*79 | 7046289 | 29029620 | 15:08 | 15:20 | 0 | 28.54 | 13.81 | 14.73 |
| TM38--FB | 8/8/2025 | UM6*39 | 7046289 | 29029622 | 15:13 | 15:19 | 0 | 28.58 | 14.29 | 14.29 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TM38--FB | 8/8/2025 | XC5*85 | 7046289 | 29029621 | 15:18 | 15:26 | 0 | 37.12 | 16.13 | 20.99 |
| TM38--FB | 8/8/2025 | YC3*8 | 7046289 | 29029623 | 15:32 | 16:10 | 0 | 28.67 | 13.85 | 14.82 |
| TM38--FB | 8/8/2025 | RJ6*03 | 7046289 | 29029625 | 16:17 | 16:35 | 0 | 29.04 | 14.45 | 14.59 |
| TM38--FB | 8/8/2025 | WT9*68 | 7046289 | 29029626 | 16:25 | 16:35 | 0 | 36.72 | 15.84 | 20.88 |
| TM38--FB | 8/8/2025 | YZ5*12 | 7046289 | 29029624 | 16:25 | 17:09 | 0 | 36.76 | 16.39 | 20.37 |
| TM38--FB | 8/8/2025 | ZJ1*47 | 7046289 | 29029627 | 16:49 | 16:59 | 0 | 35.97 | 16.35 | 19.62 |
| TM38--FB | 8/8/2025 | XA3*92 | 7046289 | 29029628 | 16:56 | 17:08 | 0 | 36.95 | 16.4 | 20.55 |
| TM38--FB | 8/8/2025 | UM6*39 | 7046289 | 29029629 | 17:00 | 17:12 | 0 | 28.63 | 14.25 | 14.38 |
| TM38--FB | 8/8/2025 | TF9*53 | 7046289 | 29029630 | 17:10 | 17:21 | 0 | 28.08 | 14.11 | 13.97 |
| TM38--FB | 8/8/2025 | XC5*85 | 7046289 | 29029632 | 17:22 | 17:29 | 0 | 36.64 | 16.09 | 20.55 |
| TM38--FB | 8/8/2025 | YB4*79 | 7046289 | 29029631 | 17:24 | 17:33 | 0 | 28.09 | 13.77 | 14.32 |
| TM38--FB | 8/8/2025 | YR3*5 | 7046289 | 29029633 | 17:27 | 17:34 | 0 | 37.12 | 17.18 | 19.94 |
| TM38--FB | 9/8/2025 | XC5*85 | 7046289 | 29029634 | 9:04 | 9:13 | 0 | 36.97 | 16.18 | 20.79 |
| TM38--FB | 9/8/2025 | ZJ1*47 | 7046289 | 29029636 | 9:12 | 9:19 | 0 | 36.35 | 16.44 | 19.91 |
| TM38--FB | 9/8/2025 | WT9*68 | 7046289 | 29029635 | 9:14 | 9:23 | 0 | 36.27 | 15.9 | 20.37 |
| TM38--FB | 9/8/2025 | YR3*5 | 7046289 | 29029637 | 9:21 | 9:28 | 0 | 36.63 | 17.32 | 19.31 |
| TM38--FB | 9/8/2025 | RJ6*03 | 7046289 | 29029638 | 9:27 | 9:39 | 0 | 28.26 | 14.54 | 13.72 |
| TM38--FB | 9/8/2025 | ZJ4*30 | 7046289 | 29029639 | 9:48 | 9:53 | 0 | 36.22 | 16.44 | 19.78 |
| TM38--FB | 9/8/2025 | VL7*3 | 7046289 | 29029640 | 10:41 | 10:48 | 0 | 28.55 | 12.92 | 15.63 |
| TM38--FB | 9/8/2025 | WA4*38 | 7046289 | 29029641 | 10:48 | 11:01 | 0 | 37.17 | 16.54 | 20.63 |
| TM38--FB | 9/8/2025 | ZJ1*47 | 7046289 | 29029643 | 11:11 | 11:16 | 0 | 36.48 | 16.4 | 20.08 |
| TM38--FB | 9/8/2025 | ZJ4*30 | 7046289 | 29029645 | 11:42 | 11:50 | 0 | 36.56 | 16.41 | 20.15 |
| TM38--FB | 9/8/2025 | XC5*85 | 7046289 | 29029642 | 11:47 | 11:56 | 0 | 36.9 | 16.14 | 20.76 |
| TM38--FB | 9/8/2025 | RJ6*03 | 7046289 | 29029644 | 12:03 | 12:10 | 0 | 28.64 | 14.51 | 14.13 |
| TM38--FB | 9/8/2025 | YR3*5 | 7046289 | 29029646 | 12:27 | 12:33 | 0 | 37.28 | 17.25 | 20.03 |
| TM38--FB | 9/8/2025 | VL7*3 | 7046289 | 29029647 | 12:48 | 12:54 | 0 | 28.53 | 12.89 | 15.64 |
| TM38--FB | 9/8/2025 | WA4*38 | 7046289 | 29029648 | 13:45 | 13:56 | 0 | 35.82 | 16.48 | 19.34 |
| TM38--FB | 9/8/2025 | ZJ1*47 | 7046289 | 29029649 | 13:55 | 14:06 | 0 | 36.6 | 16.38 | 20.22 |
| TM38--FB | 9/8/2025 | ZJ4*30 | 7046289 | 29102261 | 14:07 | 14:20 | 0 | 36.71 | 16.38 | 20.33 |
| TM38--FB | 9/8/2025 | TF9*53 | 7046289 | 29102263 | 14:12 | 14:20 | 0 | 28.73 | 14.42 | 14.31 |
| TM38--FB | 9/8/2025 | RJ6*03 | 7046289 | 29102262 | 14:23 | 14:31 | 0 | 27.91 | 14.5 | 13.41 |
| TM38--FB | 9/8/2025 | YR3*5 | 7046289 | 29102264 | 14:29 | 14:37 | 0 | 37.28 | 17.24 | 20.04 |
| TM38--FB | 9/8/2025 | ZJ1*47 | 7046289 | 29102266 | 15:35 | 15:42 | 0 | 36.68 | 16.34 | 20.34 |
| TM38--FB | 9/8/2025 | WA4*38 | 7046289 | 29102265 | 15:39 | 15:52 | 0 | 36.88 | 16.46 | 20.42 |
| TM38--FB | 9/8/2025 | TF9*53 | 7046289 | 29102267 | 15:55 | 16:06 | 0 | 29.11 | 14.14 | 14.97 |
| TM38--FB | 9/8/2025 | ZJ4*30 | 7046289 | 29102268 | 15:58 | 16:11 | 0 | 36.59 | 16.9 | 19.69 |
| TM38--FB | 9/8/2025 | RJ6*03 | 7046289 | 29102269 | 16:23 | 16:33 | 0 | 28.68 | 14.47 | 14.21 |
| TM38--FB | 9/8/2025 | ZJ1*47 | 7046289 | 29102270 | 17:16 | 17:24 | 0 | 36.75 | 16.3 | 20.45 |
| TM38--FB | 9/8/2025 | YR3*5 | 7046289 | 29102271 | 17:26 | 17:34 | 0 | 36.9 | 17.19 | 19.71 |
| TM38--FB | 9/8/2025 | WA4*38 | 7046289 | 29102272 | 17:42 | 17:50 | 0 | 36.88 | 16.59 | 20.29 |
| TM38--FB | 11/8/2025 | ZJ1*47 | 7046289 | 29102273 | 9:06 | 9:13 | 0 | 36.54 | 16.45 | 20.09 |
| TM38--FB | 11/8/2025 | YR3*5 | 7046289 | 29102274 | 9:15 | 9:23 | 0 | 37.12 | 17.27 | 19.85 |
| TM38--FB | 11/8/2025 | RJ6*03 | 7046289 | 29102275 | 9:26 | 9:33 | 0 | 28.97 | 14.54 | 14.43 |
| TM38--FB | 11/8/2025 | ZJ4*30 | 7046289 | 29102277 | 9:30 | 9:35 | 0 | 36.25 | 16.33 | 19.92 |
| TM38--FB | 11/8/2025 | DF6*31 | 7046289 | 29102276 | 9:30 | 9:36 | 0 | 36.33 | 16.25 | 20.08 |
| TM38--FB | 11/8/2025 | TF9*53 | 7046289 | 29102278 | 10:16 | 10:22 | 0 | 29.16 | 14.2 | 14.96 |
| TM38--FB | 11/8/2025 | NX3*7 | 7046289 | 29102279 | 10:28 | 10:40 | 0 | 28.81 | 14.09 | 14.72 |
| TM38--FB | 11/8/2025 | ZW7*19 | 7046289 | 29102280 | 10:41 | 10:52 | 0 | 37.33 | 15.93 | 21.4 |
| TM38--FB | 11/8/2025 | YR3*5 | 7046289 | 29102282 | 11:42 | 11:49 | 0 | 36.65 | 17.25 | 19.4 |
| TM38--FB | 11/8/2025 | RJ6*03 | 7046289 | 29102281 | 12:14 | 12:22 | 0 | 28.67 | 14.53 | 14.14 |
| TM38--FB | 11/8/2025 | TF9*53 | 7046289 | 29102283 | 12:27 | 12:35 | 0 | 29.07 | 14.13 | 14.94 |
| TM38--FB | 11/8/2025 | DF6*31 | 7046289 | 29102284 | 12:53 | 13:03 | 0 | 36.6 | 16.23 | 20.37 |
| TM38--FB | 11/8/2025 | YR3*5 | 7046289 | 29102285 | 13:57 | 14:03 | 0 | 36.98 | 17.21 | 19.77 |
| TM38--FB | 11/8/2025 | TF9*53 | 7046289 | 29102287 | 14:08 | 14:14 | 0 | 29.48 | 14.2 | 15.28 |
| TM38--FB | 11/8/2025 | RJ6*03 | 7046289 | 29102286 | 14:10 | 14:20 | 0 | 28.68 | 14.53 | 14.15 |
| TM38--FB | 11/8/2025 | ZW7*19 | 7046289 | 29102288 | 14:31 | 14:46 | 0 | 36.92 | 15.9 | 21.02 |
| TM38--FB | 11/8/2025 | PD1*80 | 7046289 | 29102289 | 14:53 | 14:59 | 0 | 29.26 | 14.42 | 14.84 |
| TM38--FB | 11/8/2025 | ZJ1*47 | 7046289 | 29102290 | 15:49 | 15:56 | 0 | 36.76 | 16.35 | 20.41 |

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|---|---|---|---|---|---|---|---|---|---|---|
| TM38--FB | 11/8/2025 | TF9*53 | 7046289 | 29102291 | 16:07 | 16:14 | 0 | 28.36 | 14.2 | 14.16 |
| TM38--FB | 11/8/2025 | YR3*5 | 7046289 | 29102292 | 16:09 | 16:18 | 0 | 37.2 | 17.16 | 20.04 |
| TM38--FB | 11/8/2025 | DF6*31 | 7046289 | 29102293 | 16:18 | 16:31 | 0 | 36.63 | 16.22 | 20.41 |
| TM38--FB | 11/8/2025 | RJ6*03 | 7046289 | 29102294 | 16:29 | 16:40 | 0 | 28.29 | 14.48 | 13.81 |
| TM38--FB | 11/8/2025 | ZJ1*47 | 7046289 | 29102295 | 17:42 | 17:50 | 0 | 36.33 | 16.31 | 20.02 |
| TM38--FB | 11/8/2025 | YR3*5 | 7046289 | 29102296 | 18:05 | 18:11 | 0 | 37.21 | 17.13 | 20.08 |
| NENT | 1/8/2025 | UJ1*2 | 7046289 | 29029412 | 8:02 | 8:27 | 0.96 | 17.79 | 16.39 | 1.4 |
| NENT | 1/8/2025 | UJ1*2 | 7046289 | 29029415 | 12:12 | 12:37 | 0.93 | 19.49 | 16.38 | 3.11 |
| NENT | 1/8/2025 | UJ1*2 | 7046289 | 29029416 | 13:26 | 13:52 | 0.84 | 18.32 | 16.37 | 1.95 |
| NENT | 1/8/2025 | UJ1*2 | 7046289 | 29029413 | 15:16 | 15:45 | 1.09 | 19.03 | 16.34 | 2.69 |
| NENT | 2/8/2025 | UJ1*2 | 7046289 | 29029472 | 8:02 | 8:30 | 0.92 | 18.19 | 16.31 | 1.88 |
| NENT | 2/8/2025 | UJ1*2 | 7046289 | 29029473 | 9:58 | 10:24 | 0.93 | 19.66 | 16.45 | 3.21 |
| NENT | 2/8/2025 | UJ1*2 | 7046289 | 29029422 | 11:30 | 11:56 | 0.92 | 19.97 | 16.44 | 3.53 |
| NENT | 2/8/2025 | UJ1*2 | 7046289 | 29029423 | 13:04 | 13:28 | 0.88 | 20.34 | 16.43 | 3.91 |
| NENT | 2/8/2025 | UJ1*2 | 7046289 | 29029304 | 14:32 | 15:00 | 0.64 | 20.17 | 16.42 | 3.75 |
| NENT | 2/8/2025 | UJ1*2 | 7046289 | 29029424 | 17:20 | 17:40 | 0.91 | 19.31 | 16.42 | 2.89 |
| NENT | 4/8/2025 | UJ1*2 | 7046289 | 29029474 | 8:01 | 8:22 | 0.41 | 20.15 | 16.41 | 3.74 |
| NENT | 4/8/2025 | XM6*51 | 7046289 | 29029425 | 8:58 | 9:27 | 0.68 | 16.64 | 15.83 | 0.81 |
| NENT | 4/8/2025 | UJ1*2 | 7046289 | 29029475 | 9:16 | 9:43 | 0.88 | 18.66 | 16.4 | 2.26 |
| NENT | 4/8/2025 | UJ1*2 | 7046289 | 29029305 | 10:56 | 11:26 | 0.82 | 18.51 | 16.38 | 2.13 |
| NENT | 4/8/2025 | UJ1*2 | 7046289 | 29029306 | 12:43 | 13:10 | 0.9 | 18.31 | 16.35 | 1.96 |
| NENT | 4/8/2025 | UJ1*2 | 7046289 | 29029307 | 14:25 | 15:00 | 0.93 | 18.95 | 16.45 | 2.5 |
| NENT | 4/8/2025 | UJ1*2 | 7046289 | 29029308 | 16:45 | 17:12 | 0.99 | 21.07 | 16.43 | 4.64 |
| NENT | 5/8/2025 | UJ1*2 | 7046289 | 29029426 | 8:04 | 8:30 | 0.97 | 18.39 | 16.41 | 1.98 |
| NENT | 5/8/2025 | UJ1*2 | 7046289 | 29029427 | 10:03 | 10:30 | 0.8 | 19.16 | 16.42 | 2.74 |
| NENT | 5/8/2025 | ZL8*09 | 7046289 | 29029309 | 11:38 | 12:13 | 0.95 | 21.29 | 17.08 | 4.21 |
| NENT | 5/8/2025 | UJ1*2 | 7046289 | 29029428 | 12:39 | 13:04 | 1.22 | 19.99 | 16.37 | 3.62 |
| NENT | 5/8/2025 | ZL8*09 | 7046289 | 29029310 | 13:44 | 14:13 | 1.03 | 19.76 | 16.86 | 2.9 |
| NENT | 5/8/2025 | UJ1*2 | 7046289 | 29029311 | 14:04 | 14:33 | 1.01 | 18.17 | 16.34 | 1.83 |
| NENT | 5/8/2025 | TA7*21 | 7046289 | 29029430 | 15:24 | 15:55 | 1.1 | 19.55 | 14.97 | 4.58 |
| NENT | 5/8/2025 | ZL8*09 | 7046289 | 29029312 | 15:28 | 15:54 | 1.04 | 19.64 | 16.88 | 2.76 |
| NENT | 5/8/2025 | UJ1*2 | 7046289 | 29029313 | 15:40 | 16:07 | 1.13 | 19.2 | 16.33 | 2.87 |
| NENT | 5/8/2025 | YN1*02 | 7046289 | 29029431 | 15:44 | 16:10 | 1.36 | 26.35 | 20.35 | 6 |
| NENT | 5/8/2025 | YN1*02 | 7046289 | 29029476 | 17:30 | 17:56 | 1.03 | 25.9 | 20.33 | 5.57 |
| NENT | 6/8/2025 | UJ1*2 | 7046289 | 29029429 | 8:00 | 8:23 | 0.59 | 18.5 | 16.29 | 2.21 |
| NENT | 6/8/2025 | UJ1*2 | 7046289 | 29029477 | 13:37 | 14:06 | 0.24 | 19.59 | 16.4 | 3.19 |
| NENT | 6/8/2025 | UJ1*2 | 7046289 | 29029314 | 15:47 | 16:21 | 0.99 | 20.3 | 16.38 | 3.92 |
| NENT | 6/8/2025 | TA7*21 | 7046289 | 29029478 | 16:47 | 17:21 | 1.15 | 17.32 | 14.91 | 2.41 |
| NENT | 7/8/2025 | UJ1*2 | 7046289 | 29029479 | 8:01 | 8:29 | 0.89 | 18.02 | 16.35 | 1.67 |
| NENT | 7/8/2025 | UJ1*2 | 7046289 | 29029480 | 9:35 | 10:04 | 0.85 | 18.03 | 16.34 | 1.69 |
| NENT | 7/8/2025 | UJ1*2 | 7046289 | 29029317 | 11:46 | 12:11 | 0.74 | 18.97 | 16.31 | 2.66 |
| NENT | 7/8/2025 | UJ1*2 | 7046289 | 29029489 | 13:21 | 13:45 | 0.93 | 19.53 | 16.31 | 3.22 |
| NENT | 7/8/2025 | UJ1*2 | 7046289 | 29029490 | 14:52 | 15:20 | 0.73 | 18.11 | 16.29 | 1.82 |
| NENT | 7/8/2025 | UJ1*2 | 7046289 | 29029318 | 16:24 | 16:51 | 0.78 | 17.97 | 16.28 | 1.69 |
| NENT | 8/8/2025 | XP3*0 | 7046289 | 29029491 | 9:15 | 9:40 | 0.47 | 24.26 | 19.62 | 4.64 |
| NENT | 8/8/2025 | XP3*0 | 7046289 | 29029319 | 11:15 | 11:38 | 0.97 | 25.5 | 19.59 | 5.91 |
| NENT | 8/8/2025 | XP3*0 | 7046289 | 29029320 | 13:48 | 14:18 | 1 | 22.24 | 19.56 | 2.68 |
| NENT | 8/8/2025 | XP3*0 | 7046289 | 29029321 | 15:39 | 16:04 | 0.88 | 23.45 | 19.54 | 3.91 |
| NENT | 9/8/2025 | UJ1*2 | 7046289 | 29029432 | 8:02 | 8:24 | 0.72 | 18.15 | 16.2 | 1.95 |
| NENT | 9/8/2025 | UJ1*2 | 7046289 | 29029433 | 10:00 | 10:24 | 1.05 | 19.32 | 16.38 | 2.94 |
| NENT | 9/8/2025 | UJ1*2 | 7046289 | 29029322 | 12:32 | 12:59 | 1.17 | 20.71 | 16.36 | 4.35 |
| NENT | 9/8/2025 | UJ1*2 | 7046289 | 29029323 | 14:37 | 15:06 | 0.85 | 20.38 | 16.34 | 4.04 |
| NENT | 9/8/2025 | UJ1*2 | 7046289 | 29029324 | 16:02 | 16:28 | 0.91 | 19.75 | 16.34 | 3.41 |
| NENT | 11/8/2025 | TA7*21 | 7046289 | 29029436 | 8:05 | 8:34 | 1.17 | 17.45 | 14.93 | 2.52 |
| NENT | 11/8/2025 | UJ1*2 | 7046289 | 29029434 | 8:24 | 8:52 | 0.68 | 20.35 | 16.32 | 4.03 |
| NENT | 11/8/2025 | UJ1*2 | 7046289 | 29029435 | 9:54 | 10:23 | 0.96 | 18.81 | 16.3 | 2.51 |
| NENT | 11/8/2025 | UJ1*2 | 7046289 | 29029437 | 11:45 | 12:11 | 0.84 | 19.15 | 16.31 | 2.84 |
| NENT | 11/8/2025 | UJ1*2 | 7046289 | 29029438 | 13:43 | 14:09 | 1.02 | 19.95 | 16.29 | 3.66 |

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|---|---|---|---|---|---|---|---|---|---|---|
| NENT | 11/8/2025 | UJ1*2 | 7046289 | 29029439 | 16:03 | 16:30 | 1.24 | 19.77 | 16.26 | 3.51 |
| NENT | 11/8/2025 | UJ1*2 | 7046289 | 29029440 | 17:28 | 17:54 | 0.77 | 18.03 | 16.37 | 1.66 |
| NENT | 12/8/2025 | UJ1*2 | 7046289 | 29029441 | 8:03 | 8:25 | 0.81 | 19.16 | 16.36 | 2.8 |
| NENT | 12/8/2025 | ZL8*09 | 7046289 | 29029325 | 8:07 | 8:33 | 0.99 | 19.33 | 16.82 | 2.51 |
| NENT | 12/8/2025 | UJ1*2 | 7046289 | 29029442 | 9:19 | 9:43 | 0.63 | 19.74 | 16.35 | 3.39 |
| NENT | 12/8/2025 | UJ1*2 | 7046289 | 29029454 | 11:37 | 13:30 | 0.91 | 20.57 | 16.33 | 4.24 |
| NENT | 12/8/2025 | RD2*11 | 7046289 | 29029326 | 13:08 | 13:35 | 0.55 | 21.07 | 16.98 | 4.09 |
| NENT | 12/8/2025 | UJ1*2 | 7046289 | 29029455 | 15:09 | 15:35 | 0.96 | 17.81 | 16.32 | 1.49 |
| NENT | 12/8/2025 | TA9*5 | 7046289 | 29029327 | 16:30 | 17:07 | 1.56 | 18.9 | 16.96 | 1.94 |
| NENT | 12/8/2025 | UJ1*2 | 7046289 | 29029328 | 16:41 | 17:08 | 0.83 | 17.8 | 16.31 | 1.49 |
| NENT | 13/8/2025 | UJ1*2 | 7046289 | 29029456 | 8:12 | 8:36 | 0.95 | 19.83 | 16.27 | 3.56 |
| NENT | 13/8/2025 | UJ1*2 | 7046289 | 29029329 | 10:15 | 10:40 | 0.79 | 20.79 | 16.27 | 4.52 |
| NENT | 13/8/2025 | XM6*51 | 7046289 | 29029464 | 10:47 | 11:18 | 0.74 | 20.01 | 15.81 | 4.2 |
| NENT | 13/8/2025 | UJ1*2 | 7046289 | 29029330 | 12:00 | 12:25 | 1.19 | 18.16 | 16.25 | 1.91 |
| NENT | 13/8/2025 | UJ1*2 | 7046289 | 29029457 | 13:28 | 13:55 | 0.56 | 18.77 | 16.24 | 2.53 |
| NENT | 13/8/2025 | UJ1*2 | 7046289 | 29029331 | 15:35 | 16:00 | 1.09 | 20.34 | 16.38 | 3.96 |
| NENT | 13/8/2025 | UJ1*2 | 7046289 | 29029332 | 16:57 | 17:27 | 0.61 | 18.76 | 16.37 | 2.39 |
| NENT | 14/8/2025 | UJ1*2 | 7046289 | 29029465 | 8:04 | 8:29 | 0.77 | 17.66 | 16.34 | 1.32 |
| NENT | 14/8/2025 | ZL8*09 | 7046289 | 29029467 | 8:12 | 8:38 | 0.81 | 21.29 | 16.99 | 4.3 |
| NENT | 14/8/2025 | UJ1*2 | 7046289 | 29029466 | 9:18 | 9:43 | 0.52 | 18.66 | 16.34 | 2.32 |
| NENT | 14/8/2025 | UJ1*2 | 7046289 | 29029336 | 10:40 | 11:10 | 1.16 | 17.08 | 16.35 | 0.73 |
| NENT | 14/8/2025 | ZL8*09 | 7046289 | 29029337 | 12:17 | 12:44 | 0.96 | 21.12 | 17 | 4.12 |
| NENT | 14/8/2025 | UJ1*2 | 7046289 | 29029338 | 12:42 | 13:09 | 0.55 | 19.88 | 16.34 | 3.54 |
| NENT | 14/08/25 | UJ1*2 | 7046289 | 29029469 | 14:04 | 14:31 | 0.21 | 18.66 | 16.34 | 2.32 |
| NENT | 14/08/25 | UJ1*2 | 7046289 | 29029339 | 15:23 | 15:52 | 0.67 | 17.65 | 16.31 | 1.34 |
| NENT | 15/08/25 | ZL8*09 | 7046289 | 29029340 | 08:40 | 09:10 | 0.78 | 20.88 | 16.92 | 3.96 |
| NENT | 15/08/25 | UJ1*2 | 7046289 | 29029443 | 08:57 | 09:21 | 0.78 | 20.46 | 16.28 | 4.18 |
| NENT | 15/08/25 | UJ1*2 | 7046289 | 29029444 | 11:06 | 11:33 | 0.99 | 18.9 | 16.26 | 2.64 |
| NENT | 15/08/25 | XM6*51 | 7046289 | 29029470 | 11:17 | 11:54 | 1 | 18.38 | 16.13 | 2.25 |
| NENT | 15/08/25 | UJ1*2 | 7046289 | 29029471 | 13:06 | 13:32 | 0.68 | 19.31 | 16.26 | 3.05 |
| NENT | 15/08/25 | UJ1*2 | 7046289 | 29029445 | 14:44 | 15:12 | 0.69 | 17.8 | 16.4 | 1.4 |
| NENT | 15/08/25 | UJ1*2 | 7046289 | 29029446 | 17:01 | 17:28 | 0.92 | 19.49 | 16.37 | 3.12 |
| NENT | 16/08/25 | UJ1*2 | 7046289 | 29029341 | 08:45 | 09:07 | 0.9 | 20.03 | 16.33 | 3.7 |
| NENT | 16/08/25 | UJ1*2 | 7046289 | 29029342 | 10:03 | 10:25 | 0.9 | 18.1 | 16.34 | 1.76 |
| NENT | 16/08/25 | UJ1*2 | 7046289 | 29029447 | 11:51 | 12:14 | 0.7 | 18.35 | 16.32 | 2.03 |
| NENT | 16/08/25 | UJ1*2 | 7046289 | 29029448 | 13:36 | 14:00 | 1.01 | 19.01 | 16.3 | 2.71 |
| NENT | 17/08/25 | ZL2*95 | 7046289 | 29029449 | 08:16 | 08:38 | 0.77 | 20.33 | 15.62 | 4.71 |
| NENT | 17/08/25 | ZL2*95 | 7046289 | 29029450 | 09:40 | 10:03 | 0.66 | 20.25 | 15.62 | 4.63 |
| NENT | 17/08/25 | ZL2*95 | 7046289 | 29029343 | 11:35 | 12:00 | 1.13 | 17.73 | 15.6 | 2.13 |
| NENT | 17/08/25 | ZL2*95 | 7046289 | 29029451 | 13:11 | 13:34 | 1.08 | 17.34 | 15.59 | 1.75 |
| NENT | 17/08/25 | ZL2*95 | 7046289 | 29029344 | 14:43 | 15:05 | 1.11 | 19.32 | 15.59 | 3.73 |
| NENT | 17/08/25 | ZL2*95 | 7046289 | 29029345 | 16:18 | 16:45 | 1.07 | 18.21 | 15.57 | 2.64 |
| NENT | 18/08/25 | UJ1*2 | 7046289 | 29029346 | 08:06 | 08:27 | 0.98 | 18.51 | 16.28 | 2.23 |
| NENT | 18/08/25 | UJ1*2 | 7046289 | 29029348 | 14:12 | 14:37 | 1.08 | 18.55 | 16.4 | 2.15 |
| NENT | 18/08/25 | UJ1*2 | 7046289 | 29029347 | 15:57 | 16:22 | 0.92 | 20.34 | 16.39 | 3.95 |
| NENT | 18/08/25 | ZL8*09 | 7046289 | 29029352 | 17:33 | 17:58 | 1.29 | 18.68 | 16.88 | 1.8 |
| NENT | 19/08/25 | UJ1*2 | 7046289 | 29029349 | 08:04 | 08:30 | 1.27 | 18.57 | 16.37 | 2.2 |
| NENT | 19/08/25 | UJ1*2 | 7046289 | 29029350 | 09:20 | 09:43 | 0.51 | 19.44 | 16.35 | 3.09 |
| NENT | 19/08/25 | UJ1*2 | 7046289 | 29392862 | 13:57 | 14:25 | 1.03 | 20.23 | 16.32 | 3.91 |
| NENT | 19/08/25 | UJ1*2 | 7046289 | 29392864 | 15:35 | 16:02 | 0.88 | 19.74 | 16.31 | 3.43 |
| NENT | 20/08/25 | UJ1*2 | 7046289 | 29392865 | 08:02 | 08:31 | 0.88 | 17.76 | 16.27 | 1.49 |
| NENT | 20/08/25 | UJ1*2 | 7046289 | 29392866 | 09:30 | 09:57 | 0.89 | 18.06 | 16.25 | 1.81 |
| NENT | 20/08/25 | XP3*0 | 7046289 | 29392867 | 11:07 | 11:36 | 0.55 | 22.08 | 19.54 | 2.54 |
| NENT | 20/08/25 | UJ1*2 | 7046289 | 29029353 | 11:54 | 12:20 | 1 | 20.19 | 16.36 | 3.83 |
| NENT | 20/08/25 | UJ1*2 | 7046289 | 29029354 | 13:34 | 14:00 | 0.7 | 19.04 | 16.35 | 2.69 |
| NENT | 21/08/25 | UJ1*2 | 7046289 | 29392868 | 08:16 | 08:41 | 0.97 | 19.62 | 16.32 | 3.3 |
| NENT | 21/08/25 | UJ1*2 | 7046289 | 29392869 | 10:16 | 10:40 | 0.87 | 20.28 | 16.3 | 3.98 |
| NENT | 21/08/25 | XP3*0 | 7046289 | 29029355 | 12:26 | 12:48 | 0.61 | 23.31 | 19.63 | 3.68 |

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|---|---|---|---|---|---|---|---|---|---|---|
| NENT | 21/08/25 | UJ1*2 | 7046289 | 29392870 | 13:03 | 13:26 | 0.72 | 18.22 | 16.3 | 1.92 |
| NENT | 21/08/25 | UJ1*2 | 7046289 | 29029356 | 14:34 | 15:00 | 0.62 | 17.79 | 16.28 | 1.51 |
| NENT | 22/08/25 | UJ1*2 | 7046289 | 29392871 | 08:02 | 08:23 | 0.79 | 19.15 | 16.25 | 2.9 |
| NENT | 22/08/25 | UJ1*2 | 7046289 | 29392872 | 11:42 | 12:02 | 1.02 | 19.07 | 16.38 | 2.69 |
| NENT | 22/08/25 | UJ1*2 | 7046289 | 29392874 | 13:31 | 13:55 | 0.61 | 18.1 | 16.36 | 1.74 |
| NENT | 22/08/25 | UJ1*2 | 7046289 | 29392875 | 16:35 | 16:56 | 0.71 | 17.9 | 16.34 | 1.56 |
| NENT | 23/08/25 | UJ1*2 | 7046289 | 29392876 | 08:29 | 08:52 | 0.89 | 17.65 | 16.31 | 1.34 |
| NENT | 23/08/25 | UJ1*2 | 7046289 | 29392877 | 09:59 | 10:22 | 0.59 | 18.08 | 16.31 | 1.77 |
| NENT | 23/08/25 | UJ1*2 | 7046289 | 29392878 | 14:12 | 14:33 | 0.75 | 17.62 | 16.27 | 1.35 |
| NENT | 23/08/25 | UJ1*2 | 7046289 | 29392879 | 15:36 | 16:00 | 0.83 | 19.08 | 16.25 | 2.83 |
| NENT | 23/08/25 | UJ1*2 | 7046289 | 29029357 | 16:50 | 17:14 | 0.8 | 18.05 | 16.24 | 1.81 |
| NENT | 25/08/25 | UJ1*2 | 7046289 | 29392880 | 08:03 | 08:24 | 0.64 | 19.44 | 16.38 | 3.06 |
| NENT | 25/08/25 | UJ1*2 | 7046289 | 29029358 | 12:25 | 12:50 | 1 | 20.12 | 16.33 | 3.79 |
| NENT | 25/08/25 | UJ1*2 | 7046289 | 29392882 | 13:52 | 14:14 | 0.66 | 19.25 | 16.36 | 2.89 |
| NENT | 25/08/25 | UJ1*2 | 7046289 | 29392881 | 15:09 | 15:31 | 0.94 | 18.38 | 16.33 | 2.05 |
| NENT | 25/08/25 | UJ1*2 | 7046289 | 29029359 | 16:38 | 17:04 | 0.72 | 19.16 | 16.33 | 2.83 |
| TM38--FB | 12/08/25 | UM6*39 | 7046289 | 29029452 | 09:05 | 09:16 | 0 | 28.44 | 14.16 | 14.28 |
| TM38--FB | 12/08/25 | TF9*53 | 7046289 | 29102298 | 09:13 | 09:19 | 0 | 28.65 | 14.19 | 14.46 |
| TM38--FB | 12/08/25 | ZJ1*47 | 7046289 | 29102300 | 09:20 | 09:29 | 0 | 36.84 | 16.45 | 20.39 |
| TM38--FB | 12/08/25 | YZ5*12 | 7046289 | 29102299 | 09:20 | 09:28 | 0 | 36.48 | 16.27 | 20.21 |
| TM38--FB | 12/08/25 | WT9*68 | 7046289 | 29102297 | 09:26 | 09:34 | 0 | 37.24 | 15.92 | 21.32 |
| TM38--FB | 12/08/25 | RJ6*03 | 7046289 | 29102302 | 09:31 | 09:39 | 0 | 27.91 | 14.45 | 13.46 |
| TM38--FB | 12/08/25 | YR3*5 | 7046289 | 29102301 | 09:32 | 09:42 | 0 | 36.83 | 17.33 | 19.5 |
| TM38--FB | 12/08/25 | DF6*31 | 7046289 | 29102303 | 09:36 | 09:43 | 0 | 36.14 | 16.26 | 19.88 |
| TM38--FB | 12/08/25 | YG6*3 | 7046289 | 29102304 | 09:51 | 10:07 | 0 | 36.91 | 16.12 | 20.79 |
| TM38--FB | 12/08/25 | HE8*96 | 7046289 | 29102305 | 09:52 | 10:01 | 0 | 29.27 | 14.55 | 14.72 |
| TM38--FB | 12/08/25 | ZW7*19 | 7046289 | 29102306 | 10:36 | 10:45 | 0 | 37.43 | 15.94 | 21.49 |
| TM38--FB | 12/08/25 | ZJ1*47 | 7046289 | 29102308 | 11:07 | 11:14 | 0 | 36.17 | 16.4 | 19.77 |
| TM38--FB | 12/08/25 | TF9*53 | 7046289 | 29102307 | 11:09 | 11:22 | 0 | 28.93 | 14.14 | 14.79 |
| TM38--FB | 12/08/25 | UM6*39 | 7046289 | 29029453 | 11:19 | 11:27 | 0 | 29.38 | 14.32 | 15.06 |
| TM38--FB | 12/08/25 | YN6*84 | 7046289 | 29102310 | 11:28 | 11:43 | 0 | 36.96 | 16.05 | 20.91 |
| TM38--FB | 12/08/25 | YR3*5 | 7046289 | 29102311 | 11:44 | 11:53 | 0 | 37.06 | 17.3 | 19.76 |
| TM38--FB | 12/08/25 | RJ6*03 | 7046289 | 29102309 | 11:56 | 12:07 | 0 | 28.31 | 14.42 | 13.89 |
| TM38--FB | 12/08/25 | YZ5*12 | 7046289 | 29102312 | 12:19 | 12:29 | 0 | 36.78 | 16.37 | 20.41 |

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|---|---|---|---|---|---|---|---|---|---|---|
| TM38--FB | 12/08/25 | WT9*68 | 7046289 | 29102313 | 12:29 | 12:37 | 0 | 37.42 | 15.88 | 21.54 |
| TM38--FB | 12/08/25 | ZJ1*47 | 7046289 | 29102314 | 13:33 | 13:41 | 0 | 36.72 | 16.36 | 20.36 |
| TM38--FB | 12/08/25 | DF6*31 | 7046289 | 29102315 | 13:49 | 13:56 | 0 | 36.98 | 16.21 | 20.77 |
| TM38--FB | 12/08/25 | YG6*3 | 7046289 | 29102316 | 13:51 | 14:02 | 0 | 37.36 | 16.09 | 21.27 |
| TM38--FB | 12/08/25 | HE8*96 | 7046289 | 29102318 | 13:55 | 14:03 | 0 | 29.08 | 14.49 | 14.59 |
| TM38--FB | 12/08/25 | WA4*38 | 7046289 | 29102317 | 13:58 | 14:11 | 0 | 36.39 | 16.54 | 19.85 |
| TM38--FB | 12/08/25 | RJ6*03 | 7046289 | 29102319 | 14:06 | 14:22 | 0 | 28.57 | 14.39 | 14.18 |
| TM38--FB | 12/08/25 | ZW7*19 | 7046289 | 29102320 | 14:12 | 14:25 | 0 | 36.33 | 15.9 | 20.43 |
| TM38--FB | 12/08/25 | ZJ1*47 | 7046289 | 29102321 | 15:09 | 15:16 | 0 | 37.03 | 16.33 | 20.7 |
| TM38--FB | 12/08/25 | YZ5*12 | 7046289 | 29102322 | 15:43 | 15:52 | 0 | 36.73 | 16.33 | 20.4 |
| TM38--FB | 12/08/25 | WT9*68 | 7046289 | 29102323 | 15:45 | 15:53 | 0 | 37 | 15.84 | 21.16 |
| TM38--FB | 12/08/25 | RJ6*03 | 7046289 | 29102324 | 16:09 | 16:22 | 0 | 28.49 | 14.37 | 14.12 |
| TM38--FB | 12/08/25 | DF6*31 | 7046289 | 29102325 | 16:27 | 16:36 | 0 | 36.49 | 16.19 | 20.3 |
| TM38--FB | 12/08/25 | YG6*3 | 7046289 | 29102326 | 16:33 | 16:48 | 0 | 37.3 | 16.05 | 21.25 |
| TM38--FB | 12/08/25 | ZJ1*47 | 7046289 | 29102327 | 16:50 | 16:58 | 0 | 36.42 | 16.29 | 20.13 |
| TM38--FB | 13/08/25 | UM6*39 | 7046289 | 29029458 | 09:06 | 09:12 | 0 | 28.53 | 14.22 | 14.31 |
| TM38--FB | 13/08/25 | WT9*68 | 7046289 | 29029459 | 09:10 | 09:16 | 0 | 36.13 | 15.81 | 20.32 |
| TM38--FB | 13/08/25 | PD1*80 | 7046289 | 29029461 | 09:51 | 09:59 | 0 | 28.94 | 14.31 | 14.63 |
| TM38--FB | 13/08/25 | YZ5*12 | 7046289 | 29029460 | 09:54 | 10:01 | 0 | 36.96 | 16.28 | 20.68 |
| TM38--FB | 13/08/25 | TF9*53 | 7046289 | 29102328 | 09:57 | 10:04 | 0 | 28.38 | 14.2 | 14.18 |
| TM38--FB | 13/08/25 | DF6*31 | 7046289 | 29029462 | 10:14 | 10:24 | 0 | 36.25 | 16.26 | 19.99 |
| TM38--FB | 13/08/25 | YB4*79 | 7046289 | 29029463 | 10:16 | 10:23 | 0 | 29.18 | 13.91 | 15.27 |
| TM38--FB | 13/08/25 | NX3*7 | 7046289 | 29102329 | 10:55 | 10:59 | 0 | 28.01 | 14.04 | 13.97 |
| TM38--FB | 13/08/25 | YG6*3 | 7046289 | 29102331 | 11:14 | 11:27 | 0 | 37 | 16.1 | 20.9 |
| TM38--FB | 13/08/25 | UM6*39 | 7046289 | 29102330 | 11:24 | 11:31 | 0 | 28.78 | 14.3 | 14.48 |
| TM38--FB | 13/08/25 | ZX3*35 | 7046289 | 29102333 | 12:01 | 12:11 | 0 | 36.56 | 15.85 | 20.71 |
| TM38--FB | 13/08/25 | TF9*53 | 7046289 | 29102332 | 12:22 | 12:31 | 0 | 28.23 | 14.17 | 14.06 |
| TM38--FB | 13/08/25 | YB4*79 | 7046289 | 29102334 | 12:34 | 12:40 | 0 | 29.17 | 13.89 | 15.28 |
| TM38--FB | 13/08/25 | WT9*68 | 7046289 | 29102335 | 12:39 | 12:44 | 0 | 36.33 | 15.91 | 20.42 |
| TM38--FB | 13/08/25 | UM6*39 | 7046289 | 29102336 | 12:58 | 13:04 | 0 | 28.88 | 14.27 | 14.61 |
| TM38--FB | 13/08/25 | ZJ1*47 | 7046289 | 29102337 | 13:40 | 13:47 | 0 | 36.38 | 16.49 | 19.89 |
| TM38--FB | 13/08/25 | TF9*53 | 7046289 | 29102338 | 14:28 | 14:35 | 0 | 28.39 | 14.13 | 14.26 |
| TM38--FB | 13/08/25 | UM6*39 | 7046289 | 29102340 | 14:39 | 14:44 | 0 | 28.72 | 14.25 | 14.47 |
| TM38--FB | 13/08/25 | YB4*79 | 7046289 | 29102339 | 14:50 | 14:57 | 0 | 28.63 | 13.85 | 14.78 |
| TM38--FB | 13/08/25 | ZX3*35 | 7046289 | 29102341 | 14:57 | 15:04 | 0 | 36.41 | 15.82 | 20.59 |
| TM38--FB | 13/08/25 | PD1*80 | 7046289 | 29102342 | 15:06 | 15:16 | 0 | 29.29 | 14.41 | 14.88 |
| TM38--FB | 13/08/25 | YG6*3 | 7046289 | 29102343 | 15:11 | 15:25 | 0 | 36.59 | 16.04 | 20.55 |
| TM38--FB | 13/08/25 | NX3*7 | 7046289 | 29102344 | 15:36 | 15:44 | 0 | 28.3 | 13.97 | 14.33 |
| TM38--FB | 13/08/25 | TF9*53 | 7046289 | 29102345 | 16:10 | 16:19 | 0 | 28.47 | 14.11 | 14.36 |
| TM38--FB | 13/08/25 | UM6*39 | 7046289 | 29102346 | 16:21 | 16:29 | 0 | 28.7 | 14.21 | 14.49 |
| TM38--FB | 13/08/25 | YZ5*12 | 7046289 | 29102347 | 16:31 | 16:38 | 0 | 37.06 | 16.3 | 20.76 |
| TM38--FB | 13/08/25 | WT9*68 | 7046289 | 29102348 | 16:39 | 16:45 | 0 | 36.53 | 15.86 | 20.67 |
| TM38--FB | 13/08/25 | ZJ1*47 | 7046289 | 29102350 | 17:31 | 17:38 | 0 | 36.98 | 16.41 | 20.57 |
| TM38--FB | 13/08/25 | YB4*79 | 7046289 | 29102349 | 17:35 | 17:44 | 0 | 28.96 | 13.83 | 15.13 |
| TM38--FB | 13/08/25 | WA4*38 | 7046289 | 29102351 | 17:44 | 17:52 | 0 | 36.83 | 16.49 | 20.34 |
| TM38--FB | 14/08/25 | TF9*53 | 7046289 | 29029335 | 13:12 | 13:26 | 0 | 28.59 | 14.25 | 14.34 |
| TM38--FB | 14/08/25 | VL8*15 | 7046289 | 29029334 | 13:15 | 13:30 | 0 | 28.58 | 14.07 | 14.51 |
| TM38--FB | 15/08/25 | YZ5*12 | 7046289 | 29102353 | 08:58 | 09:12 | 0 | 36.81 | 16.27 | 20.54 |
| TM38--FB | 15/08/25 | KZ9*1 | 7046289 | 29102352 | 09:00 | 09:17 | 0 | 36.37 | 17.78 | 18.59 |
| TM38--FB | 15/08/25 | WT9*68 | 7046289 | 29029333 | 09:04 | 09:15 | 0 | 36.28 | 15.83 | 20.45 |
| TM38--FB | 15/08/25 | YG6*3 | 7046289 | 29102354 | 09:18 | 09:29 | 0 | 37.19 | 16.15 | 21.04 |
| TM38--FB | 15/08/25 | VL8*15 | 7046289 | 29102355 | 09:21 | 09:29 | 0 | 28.07 | 14.22 | 13.85 |
| TM38--FB | 15/08/25 | KE9*5 | 7046289 | 29102356 | 09:23 | 09:35 | 0 | 28.33 | 14.39 | 13.94 |
| TM38--FB | 15/08/25 | TF9*53 | 7046289 | 29102357 | 09:25 | 09:32 | 0 | 28.22 | 14.59 | 13.63 |
| TM38--FB | 15/08/25 | UM6*39 | 7046289 | 29029468 | 09:27 | 09:43 | 0 | 28.58 | 14.15 | 14.43 |
| TM38--FB | 15/08/25 | ZJ1*47 | 7046289 | 29102360 | 09:39 | 09:46 | 0 | 36.95 | 16.52 | 20.43 |
| TM38--FB | 15/08/25 | VL7*3 | 7046289 | 29102358 | 09:43 | 09:52 | 0 | 27.89 | 13.05 | 14.84 |
| TM38--FB | 15/08/25 | WB3*7 | 7046289 | 29102359 | 09:48 | 09:56 | 0 | 28.13 | 13.85 | 14.28 |

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|---|---|---|---|---|---|---|---|---|---|---|
| TM38--FB | 15/08/25 | TN6*34 | 7046289 | 29102361 | 09:52 | 10:00 | 0 | 27.9 | 13.95 | 13.95 |
| TM38--FB | 15/08/25 | RJ6*03 | 7046289 | 29102362 | 09:53 | 10:02 | 0 | 27.69 | 14.44 | 13.25 |
| TM38--FB | 15/08/25 | YZ5*12 | 7046289 | 29102363 | 10:59 | 11:11 | 0 | 36.78 | 16.23 | 20.55 |
| TM38--FB | 15/08/25 | WA4*38 | 7046289 | 29102364 | 11:25 | 11:37 | 0 | 36.81 | 16.79 | 20.02 |
| TM38--FB | 15/08/25 | WT9*68 | 7046289 | 29102365 | 11:26 | 11:39 | 0 | 36.57 | 15.9 | 20.67 |
| TM38--FB | 15/08/25 | YG6*3 | 7046289 | 29102368 | 11:27 | 11:36 | 0 | 37.16 | 16.12 | 21.04 |
| TM38--FB | 15/08/25 | KZ9*1 | 7046289 | 29102367 | 11:27 | 11:37 | 0 | 37.17 | 17.08 | 20.09 |
| TM38--FB | 15/08/25 | UU2*6 | 7046289 | 29102366 | 11:31 | 11:40 | 0 | 34.89 | 16.16 | 18.73 |
| TM38--FB | 15/08/25 | TF9*53 | 7046289 | 29102369 | 11:31 | 11:40 | 0 | 28.44 | 14.19 | 14.25 |
| TM38--FB | 15/08/25 | KE9*5 | 7046289 | 29102370 | 11:36 | 11:43 | 0 | 28 | 14.34 | 13.66 |
| TM38--FB | 15/08/25 | ZJ1*47 | 7046289 | 29102372 | 11:44 | 11:53 | 0 | 36.68 | 16.49 | 20.19 |
| TM38--FB | 15/08/25 | WB3*7 | 7046289 | 29102373 | 11:46 | 11:53 | 0 | 28.84 | 13.84 | 15 |
| TM38--FB | 15/08/25 | VL7*3 | 7046289 | 29102374 | 11:55 | 12:02 | 0 | 28.34 | 13 | 15.34 |
| TM38--FB | 15/08/25 | UM6*39 | 7046289 | 29102371 | 12:09 | 12:17 | 0 | 28.81 | 14.31 | 14.5 |
| TM38--FB | 15/08/25 | ZJ4*30 | 7046289 | 29102375 | 12:15 | 12:23 | 0 | 37.56 | 17.14 | 20.42 |
| TM38--FB | 15/08/25 | TN6*34 | 7046289 | 29102376 | 12:53 | 13:01 | 0 | 28.24 | 13.95 | 14.29 |
| TM38--FB | 15/08/25 | RJ6*03 | 7046289 | 29102377 | 12:59 | 13:07 | 0 | 27.76 | 14.48 | 13.28 |
| TM38--FB | 15/08/25 | VL8*15 | 7046289 | 29102378 | 13:13 | 13:24 | 0 | 28.36 | 14.29 | 14.07 |
| TM38--FB | 15/08/25 | WB3*7 | 7046289 | 29102382 | 13:35 | 13:45 | 0 | 28.39 | 13.82 | 14.57 |
| TM38--FB | 15/08/25 | ZJ1*47 | 7046289 | 29102383 | 13:38 | 13:46 | 0 | 36.63 | 16.44 | 20.19 |
| TM38--FB | 15/08/25 | YZ5*12 | 7046289 | 29102381 | 13:41 | 13:48 | 0 | 36.81 | 16.38 | 20.43 |
| TM38--FB | 15/08/25 | WA4*38 | 7046289 | 29102384 | 13:46 | 13:56 | 0 | 36.28 | 16.82 | 19.46 |
| TM38--FB | 15/08/25 | TF9*53 | 7046289 | 29102380 | 13:46 | 13:52 | 0 | 28.39 | 14.17 | 14.22 |
| TM38--FB | 15/08/25 | KZ9*1 | 7046289 | 29102379 | 13:48 | 13:54 | 0 | 36.72 | 17.12 | 19.6 |
| TM38--FB | 15/08/25 | VL7*3 | 7046289 | 29102385 | 13:59 | 14:08 | 0 | 28.3 | 13.02 | 15.28 |
| TM38--FB | 15/08/25 | WT9*68 | 7046289 | 29102386 | 14:25 | 14:35 | 0 | 36.1 | 15.89 | 20.21 |
| TM38--FB | 15/08/25 | ZJ4*30 | 7046289 | 29102387 | 14:28 | 14:40 | 0 | 36.58 | 16.98 | 19.6 |
| TM38--FB | 15/08/25 | UM6*39 | 7046289 | 29102389 | 14:39 | 14:47 | 0 | 29.15 | 14.27 | 14.88 |
| TM38--FB | 15/08/25 | UU2*6 | 7046289 | 29102388 | 14:44 | 14:55 | 0 | 36.12 | 16.1 | 20.02 |
| TM38--FB | 15/08/25 | TN6*34 | 7046289 | 29102390 | 14:50 | 14:59 | 0 | 28.16 | 13.9 | 14.26 |
| TM38--FB | 15/08/25 | RJ6*03 | 7046289 | 29102391 | 14:55 | 15:03 | 0 | 28.51 | 14.48 | 14.03 |
| TM38--FB | 15/08/25 | WB3*7 | 7046289 | 29102392 | 15:17 | 15:25 | 0 | 28.31 | 13.84 | 14.47 |
| TM38--FB | 15/08/25 | ZJ1*47 | 7046289 | 29102393 | 15:25 | 15:37 | 0 | 36.65 | 16.39 | 20.26 |
| TM38--FB | 15/08/25 | TF9*53 | 7046289 | 29102394 | 15:28 | 15:38 | 0 | 28.35 | 14.15 | 14.2 |
| TM38--FB | 15/08/25 | KZ9*1 | 7046289 | 29102395 | 15:43 | 15:53 | 0 | 35.98 | 17.09 | 18.89 |
| TM38--FB | 15/08/25 | WA4*38 | 7046289 | 29102396 | 15:51 | 16:10 | 0 | 36.17 | 16.53 | 19.64 |
| TM38--FB | 15/08/25 | VL7*3 | 7046289 | 29102397 | 15:55 | 16:04 | 0 | 28.55 | 13.15 | 15.4 |
| TM38--FB | 15/08/25 | ZJ4*30 | 7046289 | 29102398 | 16:19 | 16:33 | 0 | 36.71 | 16.98 | 19.73 |
| TM38--FB | 15/08/25 | UM6*39 | 7046289 | 29102400 | 16:24 | 16:30 | 0 | 28.8 | 14.24 | 14.56 |
| TM38--FB | 15/08/25 | YZ5*12 | 7046289 | 29102399 | 16:25 | 16:33 | 0 | 36.83 | 16.32 | 20.51 |
| TM38--FB | 15/08/25 | TN6*34 | 7046289 | 29102401 | 16:35 | 16:45 | 0 | 28.23 | 13.88 | 14.35 |
| TM38--FB | 15/08/25 | RJ6*03 | 7046289 | 29102402 | 16:45 | 16:59 | 0 | 27.84 | 14.39 | 13.45 |
| TM38--FB | 15/08/25 | ZW7*19 | 7046289 | 29102403 | 16:51 | 17:06 | 0 | 36.37 | 15.9 | 20.47 |
| TM38--FB | 15/08/25 | WB3*7 | 7046289 | 29102404 | 16:58 | 17:05 | 0 | 28.63 | 13.83 | 14.8 |
| TM38--FB | 15/08/25 | WT9*68 | 7046289 | 29102405 | 17:06 | 17:14 | 0 | 36.29 | 15.83 | 20.46 |
| TM38--FB | 15/08/25 | TF9*53 | 7046289 | 29102406 | 17:15 | 17:23 | 0 | 28.53 | 14.1 | 14.43 |
| TM38--FB | 15/08/25 | ZJ1*47 | 7046289 | 29102407 | 17:19 | 17:26 | 0 | 36.59 | 16.35 | 20.24 |
| TM38--FB | 15/08/25 | UU2*6 | 7046289 | 29102409 | 17:41 | 17:50 | 0 | 36.22 | 16.05 | 20.17 |
| TM38--FB | 15/08/25 | KZ9*1 | 7046289 | 29102408 | 17:52 | 18:02 | 0 | 36.4 | 17.16 | 19.24 |
| TM38--FB | 18/08/25 | KZ9*1 | 7046289 | 29102410 | 09:18 | 09:24 | 0 | 35.99 | 17.11 | 18.88 |
| TM38--FB | 18/08/25 | ZJ1*47 | 7046289 | 29102412 | 09:25 | 09:32 | 0 | 36.83 | 16.34 | 20.49 |
| TM38--FB | 18/08/25 | ZJ4*30 | 7046289 | 29102411 | 09:26 | 09:35 | 0 | 36.68 | 16.35 | 20.33 |
| TM38--FB | 18/08/25 | VL7*3 | 7046289 | 29102413 | 09:34 | 09:41 | 0 | 28.9 | 13.05 | 15.85 |
| TM38--FB | 18/08/25 | KZ9*1 | 7046289 | 29102414 | 11:14 | 11:22 | 0 | 36.61 | 17.11 | 19.5 |
| TM38--FB | 18/08/25 | ZJ1*47 | 7046289 | 29102415 | 11:19 | 11:27 | 0 | 36.69 | 16.3 | 20.39 |
| TM38--FB | 18/08/25 | ZJ4*30 | 7046289 | 29102416 | 11:30 | 11:39 | 0 | 36.92 | 16.35 | 20.57 |
| TM38--FB | 18/08/25 | ZJ1*47 | 7046289 | 29102417 | 13:16 | 13:22 | 0 | 36.78 | 16.45 | 20.33 |
| TM38--FB | 18/08/25 | KZ9*1 | 7046289 | 29102418 | 13:24 | 13:30 | 0 | 36.53 | 17.05 | 19.48 |

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|---|---|---|---|---|---|---|---|---|---|---|
| TM38--FB | 18/08/25 | ZJ4*30 | 7046289 | 29102419 | 13:42 | 13:48 | 0 | 36.05 | 16.46 | 19.59 |
| TM38--FB | 18/08/25 | RJ6*03 | 7046289 | 29102420 | 14:09 | 14:16 | 0 | 27.88 | 14.42 | 13.46 |
| TM38--FB | 18/08/25 | VL7*3 | 7046289 | 29102421 | 14:36 | 14:43 | 0 | 28.26 | 13.14 | 15.12 |
| TM38--FB | 18/08/25 | ZJ1*47 | 7046289 | 29102422 | 15:08 | 15:28 | 0 | 36.97 | 18.51 | 18.46 |
| TM38--FB | 18/08/25 | KZ9*1 | 7046289 | 29102423 | 15:15 | 15:26 | 0 | 36.31 | 17.02 | 19.29 |
| TM38--FB | 18/08/25 | VL7*3 | 7046289 | 29102424 | 16:26 | 16:38 | 0 | 29.13 | 12.9 | 16.23 |
| TM38--FB | 18/08/25 | ZJ1*47 | 7046289 | 29102425 | 17:01 | 17:09 | 0 | 36.29 | 16.41 | 19.88 |
| TM38--FB | 18/08/25 | ZJ4*30 | 7046289 | 29102426 | 17:46 | 17:53 | 0 | 36.24 | 16.46 | 19.78 |
| TM38--FB | 19/08/25 | UM6*39 | 7046289 | 29029351 | 09:12 | 09:19 | 0 | 28.62 | 14.27 | 14.35 |
| TM38--FB | 19/08/25 | TF9*53 | 7046289 | 29102427 | 09:35 | 09:41 | 0 | 28.28 | 14.18 | 14.1 |
| TM38--FB | 19/08/25 | ZJ4*30 | 7046289 | 29102429 | 09:45 | 09:52 | 0 | 36.6 | 16.41 | 20.19 |
| TM38--FB | 19/08/25 | ZJ1*47 | 7046289 | 29102428 | 09:46 | 09:52 | 0 | 36.08 | 16.38 | 19.7 |
| TM38--FB | 19/08/25 | WT9*68 | 7046289 | 29102430 | 09:51 | 09:58 | 0 | 36.8 | 15.89 | 20.91 |
| TM38--FB | 19/08/25 | DV8*4 | 7046289 | 29102431 | 10:58 | 11:10 | 0 | 29.33 | 14.08 | 15.25 |
| TM38--FB | 19/08/25 | ZJ1*47 | 7046289 | 29102433 | 11:32 | 11:43 | 0 | 36.78 | 16.35 | 20.43 |
| TM38--FB | 19/08/25 | YG6*3 | 7046289 | 29102434 | 11:43 | 11:53 | 0 | 37.16 | 16.12 | 21.04 |
| TM38--FB | 19/08/25 | TF9*53 | 7046289 | 29102432 | 11:47 | 11:54 | 0 | 28.31 | 14.16 | 14.15 |
| TM38--FB | 19/08/25 | UM6*39 | 7046289 | 29392861 | 11:51 | 12:00 | 0 | 29.11 | 14.36 | 14.75 |
| TM38--FB | 19/08/25 | DV8*4 | 7046289 | 29102435 | 12:47 | 13:07 | 0 | 28.85 | 14.04 | 14.81 |
| TM38--FB | 19/08/25 | ZJ1*47 | 7046289 | 29102436 | 13:17 | 13:24 | 0 | 36.62 | 16.3 | 20.32 |
| TM38--FB | 19/08/25 | UM6*39 | 7046289 | 29392863 | 13:30 | 13:35 | 0 | 28.81 | 14.32 | 14.49 |
| TM38--FB | 19/08/25 | WT9*68 | 7046289 | 29102437 | 13:32 | 13:37 | 0 | 37.04 | 15.9 | 21.14 |
| TM38--FB | 19/08/25 | YZ2*57 | 7046289 | 29102438 | 13:47 | 13:57 | 0 | 37.51 | 16.39 | 21.12 |
| TM38--FB | 19/08/25 | YR3*5 | 7046289 | 29102439 | 13:53 | 14:02 | 0 | 37.57 | 17.79 | 19.78 |
| TM38--FB | 19/08/25 | DV8*4 | 7046289 | 29102440 | 14:45 | 14:52 | 0 | 28.94 | 13.98 | 14.96 |
| TM38--FB | 19/08/25 | HC3* | 7046289 | 29102441 | 14:45 | 14:53 | 0 | 37.35 | 16.19 | 21.16 |
| TM38--FB | 19/08/25 | ZJ1*47 | 7046289 | 29102442 | 14:57 | 15:03 | 0 | 36.94 | 16.26 | 20.68 |
| TM38--FB | 19/08/25 | UM6*39 | 7046289 | 29102443 | 15:07 | 15:15 | 0 | 28.98 | 14.28 | 14.7 |
| TM38--FB | 19/08/25 | WT9*68 | 7046289 | 29102444 | 15:24 | 15:34 | 0 | 36.84 | 15.84 | 21 |
| TM38--FB | 19/08/25 | YN6*84 | 7046289 | 29102446 | 15:29 | 15:36 | 0 | 36.77 | 16.25 | 20.52 |
| TM38--FB | 19/08/25 | XA3*92 | 7046289 | 29102445 | 15:30 | 15:36 | 0 | 36.38 | 16.55 | 19.83 |
| TM38--FB | 19/08/25 | RH8*84 | 7046289 | 29102448 | 15:50 | 15:59 | 0 | 37.09 | 16.21 | 20.88 |
| TM38--FB | 19/08/25 | YR3*5 | 7046289 | 29102447 | 15:58 | 16:11 | 0 | 36.85 | 17.48 | 19.37 |
| TM38--FB | 19/08/25 | UM6*39 | 7046289 | 29102450 | 16:57 | 17:04 | 0 | 28.51 | 14.22 | 14.29 |
| TM38--FB | 19/08/25 | ZJ1*47 | 7046289 | 29102451 | 17:08 | 17:18 | 0 | 37.11 | 16.41 | 20.7 |
| TM38--FB | 19/08/25 | YZ2*57 | 7046289 | 29102449 | 17:11 | 17:25 | 0 | 37.46 | 16.49 | 20.97 |
| TM38--FB | 19/08/25 | HC3* | 7046289 | 29392821 | 17:39 | 17:46 | 0 | 37.4 | 16.3 | 21.1 |
| TM38--FB | 19/08/25 | YR3*5 | 7046289 | 29392822 | 17:46 | 17:53 | 0 | 37.03 | 17.44 | 19.59 |
| TM38--FB | 20/08/25 | WA3*22 | 7046289 | 29392824 | 09:14 | 09:21 | 0 | 28.81 | 14.97 | 13.84 |
| TM38--FB | 20/08/25 | XC5*85 | 7046289 | 29392823 | 09:16 | 09:24 | 0 | 36.64 | 16.12 | 20.52 |
| TM38--FB | 20/08/25 | YZ5*12 | 7046289 | 29392826 | 09:18 | 09:26 | 0 | 37.05 | 16.28 | 20.77 |
| TM38--FB | 20/08/25 | XA3*92 | 7046289 | 29392825 | 09:20 | 09:30 | 0 | 37.05 | 16.35 | 20.7 |
| TM38--FB | 20/08/25 | TF9*53 | 7046289 | 29392827 | 09:22 | 09:36 | 0 | 28.62 | 14.23 | 14.39 |
| TM38--FB | 20/08/25 | VL7*3 | 7046289 | 29392828 | 09:29 | 09:40 | 0 | 28.43 | 13.02 | 15.41 |
| TM38--FB | 20/08/25 | YR3*5 | 7046289 | 29392829 | 09:31 | 09:42 | 0 | 36.84 | 17.66 | 19.18 |
| TM38--FB | 20/08/25 | UU2*6 | 7046289 | 29392830 | 09:39 | 09:48 | 0 | 37.06 | 16.04 | 21.02 |
| TM38--FB | 20/08/25 | ZJ1*47 | 7046289 | 29392831 | 09:40 | 09:47 | 0 | 37.16 | 16.38 | 20.78 |
| TM38--FB | 20/08/25 | ZJ4*30 | 7046289 | 29392833 | 09:47 | 09:54 | 0 | 36.27 | 16.35 | 19.92 |
| TM38--FB | 20/08/25 | WT9*68 | 7046289 | 29392832 | 09:47 | 09:55 | 0 | 37.05 | 15.81 | 21.24 |
| TM38--FB | 20/08/25 | TN6*34 | 7046289 | 29392834 | 09:52 | 10:00 | 0 | 28.27 | 13.86 | 14.41 |
| TM38--FB | 20/08/25 | DF6*31 | 7046289 | 29392835 | 09:58 | 10:04 | 0 | 36.59 | 16.24 | 20.35 |
| TM38--FB | 20/08/25 | YZ2*57 | 7046289 | 29392836 | 11:03 | 11:17 | 0 | 37.15 | 16.43 | 20.72 |
| TM38--FB | 20/08/25 | YZ5*12 | 7046289 | 29392838 | 11:11 | 11:19 | 0 | 36.85 | 16.26 | 20.59 |
| TM38--FB | 20/08/25 | TF9*53 | 7046289 | 29392840 | 11:18 | 11:26 | 0 | 28.38 | 14.18 | 14.2 |
| TM38--FB | 20/08/25 | XA3*92 | 7046289 | 29392839 | 11:18 | 11:30 | 0 | 37.06 | 16.32 | 20.74 |
| TM38--FB | 20/08/25 | ZJ1*47 | 7046289 | 29392842 | 11:25 | 11:34 | 0 | 36.77 | 16.35 | 20.42 |
| TM38--FB | 20/08/25 | VL7*3 | 7046289 | 29392841 | 11:27 | 11:34 | 0 | 28.96 | 13.05 | 15.91 |
| TM38--FB | 20/08/25 | ZJ4*30 | 7046289 | 29392843 | 11:33 | 11:43 | 0 | 36.34 | 16.37 | 19.97 |

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|---|---|---|---|---|---|---|---|---|---|---|
| TM38--FB | 20/08/25 | WA3*22 | 7046289 | 29392837 | 11:35 | 11:45 | 0 | 28.54 | 14.67 | 13.87 |
| TM38--FB | 20/08/25 | TN6*34 | 7046289 | 29392844 | 11:38 | 11:49 | 0 | 28.47 | 13.86 | 14.61 |
| TM38--FB | 20/08/25 | DF6*31 | 7046289 | 29392845 | 11:57 | 12:05 | 0 | 36.24 | 16.23 | 20.01 |
| TM38--FB | 20/08/25 | RJ6*03 | 7046289 | 29392846 | 12:46 | 12:54 | 0 | 29.16 | 14.52 | 14.64 |
| TM38--FB | 20/08/25 | YZ5*12 | 7046289 | 29392847 | 12:50 | 12:58 | 0 | 36.85 | 16.26 | 20.59 |
| TM38--FB | 20/08/25 | ZJ1*47 | 7046289 | 29392849 | 13:02 | 13:08 | 0 | 36.68 | 16.32 | 20.36 |
| TM38--FB | 20/08/25 | VL7*3 | 7046289 | 29392852 | 13:17 | 13:22 | 0 | 28.18 | 12.96 | 15.22 |
| TM38--FB | 20/08/25 | ZJ4*30 | 7046289 | 29392853 | 13:20 | 13:26 | 0 | 36.82 | 16.3 | 20.52 |
| TM38--FB | 20/08/25 | XA3*92 | 7046289 | 29392851 | 13:29 | 13:35 | 0 | 36.54 | 16.3 | 20.24 |
| TM38--FB | 20/08/25 | WA3*22 | 7046289 | 29392854 | 13:30 | 13:40 | 0 | 28.16 | 14.44 | 13.72 |
| TM38--FB | 20/08/25 | CJ3*1 | 7046289 | 29392855 | 13:40 | 13:47 | 0 | 36.48 | 16.47 | 20.01 |
| TM38--FB | 20/08/25 | TF9*53 | 7046289 | 29392848 | 13:49 | 13:58 | 0 | 29.01 | 14.32 | 14.69 |
| TM38--FB | 20/08/25 | ZX3*35 | 7046289 | 29392856 | 14:00 | 14:07 | 0 | 36.18 | 15.87 | 20.31 |
| TM38--FB | 20/08/25 | ZW7*19 | 7046289 | 29392857 | 14:15 | 14:23 | 0 | 37.08 | 15.93 | 21.15 |
| TM38--FB | 20/08/25 | TN6*34 | 7046289 | 29392858 | 14:17 | 14:23 | 0 | 28.31 | 13.82 | 14.49 |
| TM38--FB | 20/08/25 | YZ5*12 | 7046289 | 30529372 | 14:45 | 14:56 | 0 | 37.06 | 16.22 | 20.84 |
| TM38--FB | 20/08/25 | UU2*6 | 7046289 | 29392859 | 14:45 | 14:57 | 0 | 36.6 | 16.22 | 20.38 |
| TM38--FB | 20/08/25 | RJ6*03 | 7046289 | 29392860 | 14:47 | 15:08 | 0 | 28.31 | 14.51 | 13.8 |
| TM38--FB | 20/08/25 | ZJ1*47 | 7046289 | 30529374 | 14:57 | 15:05 | 0 | 36.63 | 16.3 | 20.33 |
| TM38--FB | 20/08/25 | WT9*68 | 7046289 | 30529373 | 15:01 | 15:10 | 0 | 36.97 | 15.9 | 21.07 |
| TM38--FB | 20/08/25 | VL7*3 | 7046289 | 30529375 | 15:05 | 15:13 | 0 | 28.41 | 12.94 | 15.47 |
| TM38--FB | 20/08/25 | ZJ4*30 | 7046289 | 30529376 | 15:10 | 15:18 | 0 | 36.47 | 16.28 | 20.19 |
| TM38--FB | 20/08/25 | CJ3*1 | 7046289 | 30529378 | 15:33 | 15:47 | 0 | 36.43 | 17.07 | 19.36 |
| TM38--FB | 20/08/25 | XA3*92 | 7046289 | 30529377 | 15:37 | 15:48 | 0 | 36.47 | 16.28 | 20.19 |
| TM38--FB | 20/08/25 | YG6*3 | 7046289 | 30529379 | 15:38 | 15:49 | 0 | 37.07 | 16.08 | 20.99 |
| TM38--FB | 20/08/25 | TF9*53 | 7046289 | 30529380 | 15:58 | 16:06 | 0 | 28.29 | 14.36 | 13.93 |
| TM38--FB | 20/08/25 | ZW7*19 | 7046289 | 30529381 | 16:09 | 16:23 | 0 | 36.02 | 15.88 | 20.14 |
| TM38--FB | 20/08/25 | ZX3*35 | 7046289 | 30529382 | 16:13 | 16:22 | 0 | 35.89 | 15.83 | 20.06 |
| TM38--FB | 20/08/25 | XC5*85 | 7046289 | 29392850 | 16:44 | 17:35 | 0 | 36.88 | 16.17 | 20.71 |
| TM38--FB | 20/08/25 | ZJ1*47 | 7046289 | 30529383 | 16:45 | 16:52 | 0 | 36.55 | 16.27 | 20.28 |
| TM38--FB | 20/08/25 | YZ5*12 | 7046289 | 30529384 | 16:46 | 16:53 | 0 | 36.22 | 16.19 | 20.03 |
| TM38--FB | 20/08/25 | XL5*42 | 7046289 | 30529386 | 16:55 | 17:07 | 0 | 35.95 | 16.06 | 19.89 |
| TM38--FB | 20/08/25 | UU2*6 | 7046289 | 30529385 | 16:55 | 17:04 | 0 | 36.6 | 16.11 | 20.49 |
| TM38--FB | 20/08/25 | VL7*3 | 7046289 | 30529387 | 17:02 | 17:12 | 0 | 28.31 | 12.9 | 15.41 |
| TM38--FB | 20/08/25 | TN6*34 | 7046289 | 30529388 | 17:06 | 17:14 | 0 | 28.77 | 13.96 | 14.81 |
| TM38--FB | 20/08/25 | ZJ4*30 | 7046289 | 30529389 | 17:21 | 17:33 | 0 | 36.53 | 16.43 | 20.1 |
| TM38--FB | 20/08/25 | YG6*3 | 7046289 | 30529391 | 17:30 | 17:45 | 0 | 36.9 | 16.05 | 20.85 |
| TM38--FB | 20/08/25 | CJ3*1 | 7046289 | 30529390 | 17:31 | 17:41 | 0 | 36.68 | 16.44 | 20.24 |
| TM38--FB | 20/08/25 | WT9*68 | 7046289 | 30529393 | 17:39 | 17:45 | 0 | 37.21 | 15.84 | 21.37 |
| TM38--FB | 20/08/25 | XA3*92 | 7046289 | 30529392 | 17:39 | 17:49 | 0 | 37.12 | 16.38 | 20.74 |
| TM38--FB | 20/08/25 | WA3*22 | 7046289 | 30529394 | 17:41 | 18:05 | 0 | 28.14 | 13.95 | 14.19 |
| TM38--FB | 20/08/25 | TF9*53 | 7046289 | 30529395 | 17:46 | 17:52 | 0 | 28.47 | 14.27 | 14.2 |
| TM38--FB | 20/08/25 | RK9*9 | 7046289 | 30529396 | 18:10 | 18:16 | 0 | 36.56 | 16.4 | 20.16 |
| TM38--FB | 21/08/25 | RJ6*03 | 7046289 | 30529397 | 11:58 | 12:09 | 0 | 28.21 | 14.45 | 13.76 |
| TM38--FB | 22/08/25 | VL8*15 | 7046289 | 30529432 | 09:11 | 09:18 | 0 | 28.54 | 14.06 | 14.48 |
| TM38--FB | 22/08/25 | ZJ1*47 | 7046289 | 30529398 | 09:15 | 09:23 | 0 | 36.16 | 16.41 | 19.75 |
| TM38--FB | 22/08/25 | ZJ4*30 | 7046289 | 30529399 | 09:23 | 09:32 | 0 | 37.2 | 16.3 | 20.9 |
| TM38--FB | 22/08/25 | UM6*39 | 7046289 | 29392873 | 09:31 | 09:39 | 0 | 28.73 | 14.19 | 14.54 |
| TM38--FB | 22/08/25 | ZJ1*47 | 7046289 | 30529401 | 11:08 | 11:17 | 0 | 37 | 16.39 | 20.61 |
| TM38--FB | 22/08/25 | VL8*15 | 7046289 | 30529400 | 11:17 | 11:25 | 0 | 28.88 | 14.03 | 14.85 |
| TM38--FB | 22/08/25 | ZJ4*30 | 7046289 | 30529402 | 11:29 | 11:38 | 0 | 36.81 | 16.27 | 20.54 |
| TM38--FB | 22/08/25 | UM6*39 | 7046289 | 30529403 | 11:50 | 12:04 | 0 | 29.22 | 14.32 | 14.9 |
| TM38--FB | 22/08/25 | ZJ1*47 | 7046289 | 30529404 | 14:09 | 14:17 | 0 | 36.72 | 16.34 | 20.38 |
| TM38--FB | 22/08/25 | UM6*39 | 7046289 | 30529406 | 14:20 | 14:35 | 0 | 28.93 | 14.28 | 14.65 |
| TM38--FB | 22/08/25 | VL8*15 | 7046289 | 30529405 | 14:23 | 14:33 | 0 | 28.51 | 14 | 14.51 |
| TM38--FB | 22/08/25 | ZJ4*30 | 7046289 | 30529407 | 14:28 | 14:38 | 0 | 36.39 | 16.26 | 20.13 |
| TM38--FB | 22/08/25 | ZJ1*47 | 7046289 | 30529408 | 15:54 | 16:03 | 0 | 37.04 | 16.3 | 20.74 |
| TM38--FB | 22/08/25 | UM6*39 | 7046289 | 30529409 | 16:11 | 16:24 | 0 | 29.04 | 14.24 | 14.8 |

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|---|---|---|---|---|---|---|---|---|---|---|
| TM38--FB | 22/08/25 | VL8*15 | 7046289 | 30529410 | 16:23 | 16:40 | 0 | 28.37 | 13.97 | 14.4 |
| TM38--FB | 22/08/25 | ZJ4*30 | 7046289 | 30529411 | 16:39 | 16:50 | 0 | 36.47 | 16.42 | 20.05 |
| TM38--FB | 27/08/25 | YZ5*12 | 7046289 | 30529412 | 09:31 | 09:42 | 0 | 36.67 | 16.29 | 20.38 |
| TM38--FB | 27/08/25 | HC3* | 7046289 | 30529416 | 09:36 | 09:45 | 0 | 36.95 | 16.24 | 20.71 |
| TM38--FB | 27/08/25 | YN6*84 | 7046289 | 30529418 | 09:36 | 09:45 | 0 | 37.51 | 16.08 | 21.43 |
| TM38--FB | 27/08/25 | YR2*9 | 7046289 | 30529414 | 09:36 | 09:49 | 0 | 36.8 | 16.24 | 20.56 |
| TM38--FB | 27/08/25 | ZS8*04 | 7046289 | 30529413 | 09:41 | 09:53 | 0 | 37.19 | 16.49 | 20.7 |
| TM38--FB | 27/08/25 | CP2*27 | 7046289 | 30529415 | 09:45 | 09:53 | 0 | 36.97 | 16.77 | 20.2 |
| TM38--FB | 27/08/25 | UP2*40 | 7046289 | 30529417 | 09:46 | 09:55 | 0 | 28.99 | 14.25 | 14.74 |
| TM38--FB | 27/08/25 | RH8*84 | 7046289 | 30529420 | 10:20 | 10:29 | 0 | 37.37 | 16.34 | 21.03 |
| TM38--FB | 27/08/25 | RE8*84 | 7046289 | 30529419 | 10:22 | 10:34 | 0 | 37.77 | 16.48 | 21.29 |
| TM38--FB | 27/08/25 | WB3*7 | 7046289 | 30529421 | 10:52 | 11:00 | 0 | 28.46 | 14.19 | 14.27 |
| TM38--FB | 27/08/25 | TF9*53 | 7046289 | 30529422 | 11:10 | 11:18 | 0 | 28.9 | 14.55 | 14.35 |
| TM38--FB | 27/08/25 | KS9*4 | 7046289 | 30529426 | 11:48 | 11:57 | 0 | 35.92 | 16.22 | 19.7 |
| TM38--FB | 27/08/25 | KM4*3 | 7046289 | 30529427 | 12:00 | 12:07 | 0 | 36.92 | 16.26 | 20.66 |
| TM38--FB | 27/08/25 | YR2*9 | 7046289 | 30529423 | 12:09 | 12:21 | 0 | 37.17 | 16.2 | 20.97 |
| TM38--FB | 27/08/25 | KZ9*1 | 7046289 | 30529429 | 12:16 | 12:22 | 0 | 36.35 | 16.72 | 19.63 |
| TM38--FB | 27/08/25 | YZ2*57 | 7046289 | 30529428 | 12:23 | 12:34 | 0 | 36.78 | 16.41 | 20.37 |
| TM38--FB | 27/08/25 | HC3* | 7046289 | 30529431 | 12:30 | 12:37 | 0 | 37 | 16.18 | 20.82 |
| TM38--FB | 27/08/25 | CP2*27 | 7046289 | 30529424 | 12:31 | 12:40 | 0 | 36.64 | 16.74 | 19.9 |
| TM38--FB | 27/08/25 | YN6*84 | 7046289 | 30529434 | 12:32 | 12:39 | 0 | 37.09 | 16.04 | 21.05 |
| TM38--FB | 27/08/25 | UU2*6 | 7046289 | 30529433 | 12:36 | 12:43 | 0 | 36.44 | 16.03 | 20.41 |
| TM38--FB | 27/08/25 | VY5*12 | 7046289 | 30529430 | 12:41 | 13:13 | 0 | 36.94 | 16.28 | 20.66 |
| TM38--FB | 27/08/25 | UP2*40 | 7046289 | 30529425 | 12:45 | 12:53 | 0 | 29.05 | 14.23 | 14.82 |
| TM38--FB | 27/08/25 | ZJ1*47 | 7046289 | 30529436 | 12:47 | 12:55 | 0 | 36.22 | 16.47 | 19.75 |
| TM38--FB | 27/08/25 | YZ5*12 | 7046289 | 30529435 | 12:49 | 12:57 | 0 | 37.25 | 16.34 | 20.91 |
| TM38--FB | 27/08/25 | ZW7*19 | 7046289 | 30529437 | 12:57 | 13:16 | 0 | 36.32 | 15.89 | 20.43 |
| TM38--FB | 27/08/25 | RH8*84 | 7046289 | 30529440 | 13:58 | 14:06 | 0 | 36.93 | 16.29 | 20.64 |
| TM38--FB | 27/08/25 | ZX3*35 | 7046289 | 30529438 | 13:59 | 14:09 | 0 | 36.59 | 15.8 | 20.79 |
| TM38--FB | 27/08/25 | ZS8*04 | 7046289 | 30529439 | 14:00 | 14:14 | 0 | 37.54 | 16.44 | 21.1 |
| TM38--FB | 27/08/25 | CP2*27 | 7046289 | 30529441 | 14:35 | 14:46 | 0 | 37.03 | 16.71 | 20.32 |
| TM38--FB | 27/08/25 | YR2*9 | 7046289 | 30529443 | 14:35 | 14:53 | 0 | 36.83 | 16.15 | 20.68 |
| TM38--FB | 27/08/25 | UP2*40 | 7046289 | 30529442 | 14:37 | 14:47 | 0 | 29.23 | 14.2 | 15.03 |
| TM38--FB | 27/08/25 | RE8*84 | 7046289 | 30529444 | 14:52 | 15:04 | 0 | 37.62 | 16.43 | 21.19 |
| TM38--FB | 27/08/25 | HC3* | 7046289 | 30529445 | 15:14 | 15:22 | 0 | 36.4 | 16.13 | 20.27 |
| TM38--FB | 27/08/25 | KS9*4 | 7046289 | 30529446 | 15:28 | 15:36 | 0 | 36.31 | 16.19 | 20.12 |
| TM38--FB | 27/08/25 | KZ9*1 | 7046289 | 30529447 | 15:56 | 16:02 | 0 | 36.22 | 16.68 | 19.54 |
| TM38--FB | 27/08/25 | XL5*42 | 7046289 | 30529448 | 16:24 | 16:37 | 0 | 36.66 | 15.99 | 20.67 |
| TM38--FB | 27/08/25 | HE8*96 | 7046289 | 30529449 | 16:31 | 16:38 | 0 | 29.06 | 14.67 | 14.39 |
| TM38--FB | 27/08/25 | UP2*40 | 7046289 | 30529450 | 16:37 | 16:44 | 0 | 28.81 | 14.17 | 14.64 |
| TM38--FB | 27/08/25 | YR2*9 | 7046289 | 30529451 | 16:37 | 16:46 | 0 | 36.43 | 16.12 | 20.31 |
| TM38--FB | 27/08/25 | YN6*84 | 7046289 | 30529452 | 16:45 | 16:52 | 0 | 36.93 | 15.97 | 20.96 |
| TM38--FB | 27/08/25 | ZS8*04 | 7046289 | 30529453 | 16:48 | 16:58 | 0 | 37.45 | 16.38 | 21.07 |
| TM38--FB | 27/08/25 | ZW7*19 | 7046289 | 30529456 | 17:48 | 18:01 | 0 | 36.6 | 15.82 | 20.78 |
| TM38--FB | 27/08/25 | RE8*84 | 7046289 | 30529457 | 17:49 | 18:02 | 0 | 37.63 | 16.39 | 21.24 |
| TM38--FB | 27/08/25 | KZ9*1 | 7046289 | 30529455 | 18:04 | 18:15 | 0 | 35.87 | 16.64 | 19.23 |
| TM38--FB | 27/08/25 | RH8*84 | 7046289 | 30529454 | 18:05 | 18:16 | 0 | 37.45 | 16.37 | 21.08 |
| TM38--FB | 28/08/25 | KZ9*1 | 7046289 | 30529458 | 09:19 | 09:27 | 0 | 36.29 | 16.75 | 19.54 |
| TM38--FB | 28/08/25 | RN8*15 | 7046289 | 30529459 | 09:24 | 09:31 | 0 | 28.6 | 14.26 | 14.34 |
| TM38--FB | 28/08/25 | RN8*15 | 7046289 | 30529460 | 11:32 | 11:46 | 0 | 28.85 | 14.24 | 14.61 |
| TM38--FB | 28/08/25 | KZ9*1 | 7046289 | 30529461 | 12:57 | 13:05 | 0 | 36.66 | 16.7 | 19.96 |
| TM38--FB | 28/08/25 | RN8*15 | 7046289 | 30529462 | 15:08 | 15:21 | 0 | 28.09 | 14.19 | 13.9 |
| TM38--FB | 28/08/25 | KZ9*1 | 7046289 | 30529463 | 15:42 | 15:49 | 0 | 36.35 | 16.68 | 19.67 |
| TM38--FB | 28/08/25 | RN8*15 | 7046289 | 30529464 | 17:10 | 17:24 | 0 | 28.78 | 14.17 | 14.61 |
| TM38--FB | 28/08/25 | KZ9*1 | 7046289 | 30529465 | 17:57 | 18:08 | 0 | 36.59 | 16.65 | 19.94 |
| NENT | 26/08/25 | UJ1*2 | 7046289 | 29392901 | 08:03 | 08:22 | 0.81 | 17.75 | 16.29 | 1.46 |
| NENT | 26/08/25 | UJ1*2 | 7046289 | 29392902 | 09:28 | 09:49 | 0.7 | 19.62 | 16.27 | 3.35 |
| NENT | 26/08/25 | UJ1*2 | 7046289 | 29029360 | 10:48 | 11:11 | 0.68 | 18.74 | 16.27 | 2.47 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| NENT | 26/08/25 | UJ1*2 | 7046289 | 29029361 | 13:08 | 13:29 | 0.7 | 20.45 | 16.24 | 4.21 |
| NENT | 26/08/25 | UJ1*2 | 7046289 | 29029362 | 14:47 | 15:08 | 0.83 | 19.84 | 16.36 | 3.48 |
| NENT | 26/08/25 | UJ1*2 | 7046289 | 29392903 | 16:18 | 16:43 | 1.13 | 18.89 | 16.35 | 2.54 |
| NENT | 27/08/25 | TA7*21 | 7046289 | 29392906 | 08:03 | 08:24 | 1.21 | 16.79 | 14.98 | 1.81 |
| NENT | 27/08/25 | UJ1*2 | 7046289 | 29392904 | 08:03 | 08:22 | 0.89 | 17.82 | 16.32 | 1.5 |
| NENT | 27/08/25 | UJ1*2 | 7046289 | 29392905 | 09:19 | 09:41 | 0.69 | 19.29 | 16.33 | 2.96 |
| NENT | 27/08/25 | TA7*21 | 7046289 | 29392907 | 09:33 | 09:56 | 1.05 | 19.04 | 14.97 | 4.07 |
| NENT | 27/08/25 | UJ1*2 | 7046289 | 29392908 | 10:50 | 11:14 | 0.8 | 19.06 | 16.31 | 2.75 |
| NENT | 27/08/25 | UJ1*2 | 7046289 | 29392909 | 12:51 | 13:13 | 0.74 | 19.4 | 16.3 | 3.1 |
| NENT | 27/08/25 | UJ1*2 | 7046289 | 29392910 | 14:15 | 14:38 | 0.48 | 18.41 | 16.3 | 2.11 |
| NENT | 27/08/25 | UJ1*2 | 7046289 | 29029363 | 15:49 | 16:15 | 0.72 | 17.58 | 16.28 | 1.3 |
| NENT | 28/08/25 | TA7*21 | 7046289 | 29392913 | 08:02 | 08:25 | 1.03 | 17.53 | 14.97 | 2.56 |
| NENT | 28/08/25 | UJ1*2 | 7046289 | 29392911 | 08:36 | 08:59 | 0.72 | 20.96 | 16.25 | 4.71 |
| NENT | 28/08/25 | TA7*21 | 7046289 | 29392914 | 09:26 | 09:48 | 0.8 | 19.42 | 14.97 | 4.45 |
| NENT | 28/08/25 | UJ1*2 | 7046289 | 29392912 | 10:30 | 10:50 | 0.53 | 19.63 | 16.39 | 3.24 |
| NENT | 28/08/25 | UJ1*2 | 7046289 | 29029364 | 13:27 | 13:46 | 0.68 | 18.64 | 16.38 | 2.26 |
| NENT | 28/08/25 | UJ1*2 | 7046289 | 29392915 | 14:46 | 15:12 | 0.8 | 17.94 | 16.37 | 1.57 |
| NENT | 28/08/25 | UJ1*2 | 7046289 | 29392916 | 16:25 | 16:48 | 0.74 | 17.94 | 16.36 | 1.58 |
| NENT | 29/08/25 | UJ1*2 | 7046289 | 29392917 | 08:02 | 08:21 | 0.83 | 19.52 | 16.34 | 3.18 |
| NENT | 29/08/25 | UJ1*2 | 7046289 | 29029365 | 09:21 | 09:40 | 0.7 | 17.88 | 16.33 | 1.55 |
| NENT | 29/08/25 | UJ1*2 | 7046289 | 29392918 | 10:38 | 11:01 | 0.49 | 20.45 | 16.31 | 4.14 |
| NENT | 29/08/25 | UJ1*2 | 7046289 | 29392919 | 12:31 | 12:51 | 0.69 | 19.64 | 16.29 | 3.35 |
| NENT | 29/08/25 | UJ1*2 | 7046289 | 29392920 | 13:56 | 14:18 | 0.59 | 18.88 | 16.28 | 2.6 |
| NENT | 29/08/25 | UJ1*2 | 7046289 | 29392883 | 15:40 | 16:03 | 0.95 | 17.86 | 16.27 | 1.59 |
| NENT | 29/08/25 | ZL8*09 | 7046289 | 29029366 | 16:34 | 16:59 | 0.77 | 19.94 | 17.04 | 2.9 |
| NENT | 30/08/25 | UJ1*2 | 7046289 | 29392884 | 08:03 | 08:28 | 0.88 | 20 | 16.27 | 3.73 |
| NENT | 30/08/25 | UJ1*2 | 7046289 | 29392885 | 09:46 | 10:09 | 0.71 | 20.63 | 16.24 | 4.39 |
| NENT | 30/08/25 | UJ1*2 | 7046289 | 29392886 | 11:32 | 11:53 | 0.89 | 17.86 | 16.21 | 1.65 |
| NENT | 30/08/25 | UJ1*2 | 7046289 | 29029367 | 14:03 | 14:24 | 0.98 | 19.34 | 16.37 | 2.97 |
| NENT | 30/08/25 | UJ1*2 | 7046289 | 29392887 | 16:09 | 16:31 | 0.8 | 17.77 | 16.37 | 1.4 |

**REMARKS**

| | | |
|---|---|---|
| **堆填區**<br>Landfill | NENT | 新界東北堆填區<br>North East New Territories |
| **公眾填料接收設施**<br>Public fill reception facilities | TM38--FB | 屯門第38區填料庫<br>Fill Bank at Tuen Mun Area 38 |

**APPENDIX M**
**COMPLAINT LOG**

Appendix M - Complaint Log

Reporting month: August 2025

| Complaint Log Ref. | EPD Log Ref. | Location | Received Date | Details of Complaint | Investigation/ Mitigation Action Status | Status |
|---|---|---|---|---|---|---|
| C001 | N07/RN/00020836-23 | Kong Nga Po Road (Lamp post GD0470) | 29-Aug-23 | The complainant alleged that the general construction noise except renovation (within Restricted Hours) from at Kong Nga Po Road (Lamp post GD0470), and commented that "晚上八九點地盤有噪音有人工作". The work sites under complaint are adjacent to the captioned Designated Project area. | Record of Site Investigation<br>Refer to the public complaint which was no mention the certain time, based on daily record provided, CSJV was confirmed that the working period on 26, 27 & 28 Aug 2023 and the working hours were within the approved restricted hour.<br>The equipment applied on the mentioned periods were listed in the Group D of the CNP No. GW-RN0882-23 (Effective date from 24/08/2023 to 23/11/2023)<br><br>According to the written reply, the Contractor has implemented both the notification of the neighborhood on the schedule of night works and erect noise barriers to screen noisy works for neighborhood. Please be advised that the Contractor is strictly adhering to the conditions of the construction noise permit. | Closed |
| C002 | N07/RN/00029993-23 | The river(s) near the San Uk Ling Holding Centre | 14-Dec-23 | The complainant alleged that the river(s) near the San Uk Ling Holding Centre has recently had a large amount of soil/muddy water. (新屋嶺扣留中心附近的河流，近日有大量黃泥水) | Record of Site Investigation<br>In reference to the public complaint, it has been noted that the complainant did not provide a precise description of the river(s) location adjacent to the San Uk Ling Holding Centre, where there has been a recent influx of soil-laden water.<br><br>EPD officers carried out site inspection on 15/12/2023 at 11:20 –12:00. EPD officers checked the U-channels, catchpits and wastewater treatment facility at WTF. No water including muddy water was discharged from Construction sites to the drainage. The Contractor has checked the drainage and wastewater treatment facilities at WTF and SOTF, which is near the complaint area. No water was discharged from the above locations.<br><br>Advice:<br>For the Contractor:<br>1)The Contractor strictly complies with the | Closed |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | requirements of relevant environmental ordinances and EM&A Manual.<br>2)The promotional flyer contains a Community Liaison Hotline: 9790 2879 that can be placed in residents' mailboxes, so they can directly contact you to resolve environmental issues.<br><br>For EPD officer:<br>1)Please consider that the Community Liaison Hotline: 9790 2879 will be provided for the complainant to directly contact the Contractor to resolve environmental issues.<br>2) Please consider encouraging the complainant to provide more accurate and detailed information to facilitate our follow-up efforts. | |
| C003 | | Soil/muddy water from San Uk Leng at Man Kam To Road near Designated Project of the Police Facilities in Kong Nga Po, near San Uk Leng at Man Kam To Road | 7-Apr.-2024 | The complainant alleged in Chinese, as shown below:<br>1)4 月 6 日下午約一點下了一場雨，但到 7 號已過一天，河水還是泥黃色<br><br>2)投訴人表示為上水新屋嶺附近居民，在新屋嶺練靶場附近有一政府地盤，由中國建築進行有關政府機動步隊的工程。投訴人表示建築公司沒有一個妥善的排污系統，把地盤所產生的黃泥水直接排在新屋嶺或經新屋嶺排走，導致黃泥水經引水道流入新屋嶺及新屋嶺漁塘，嚴重影響附近居民，現要求有關部門盡快跟進及處理。 | Record of Site Investigation<br>Based on a complaint investigation conducted by the Contractor, no muddy water was found discharged from the site. Mitigation measures have been strengthened by plugging off the last manholes of the site.<br><br>According to the document provided, the improvement measures implemented by the Contractor include the following: 1) Manhole SMH-0503 was plugged off, 2) Water pump was placed in the manhole to pump wastewater, if any, to the wastewater treatment facilities, 3) Manhole SMH-1305 was plugged off, and 4) Water pump was placed in the manhole to pump wastewater, if any, to the wastewater treatment facilities. | Closed |

Cumulative Complaint Log

| Complaint Log Reporting Period | Total no. of Complaint Received |
|---|---|
| This reporting month | 0 |
| From 1st April 2023 to end of the reporting month | 3 |

# APPENDIX N
# SUMMARY OF SUCCESSFUL PROSECUTION

## Appendix N - Summary of Successful Prosecution

| Date of Successful Prosecution | Details of the Successful Prosecution | Status | Follow Up | Total no. Received in this Reporting Month | Total no. Received since Project Commencement |
|---|---|---|---|---|---|
| -- | -- | -- | -- | -- | -- |

**APPENDIX O**
**The potential seriousness of the forthcoming environmental impacts and the use of machineries**

| A list of potential environmental impacts | The advice includes, but is not limited to, the following | Consideration of possible alternative methods |
|---|---|---|
| **Visual Impact:** The presence of machinery, equipment, and temporary structures associated with ground investigation and plate load testing may have visual impacts on the surrounding landscape, altering the aesthetic qualities of the area. | Screening and Camouflage: Use screening techniques, such as temporary fencing, barriers, or landscaping, to visually conceal the machinery, equipment, and temporary structures from view. This can help minimize the visual impact on the surrounding landscape. | N.A. |
| **Noise and Vibration:** The operation of heavy machinery can contribute to noise and vibration pollution, which can disturb local wildlife or sensitive wildlife habitats. | Use of Low Noise and Vibration Equipment: Whenever possible, equipment produces lower levels of noise and vibration should be used. The use of noise barriers around the site can also help to mitigate the impact on local communities and wildlife. | Use of Electric-Powered Equipment:<br>Electric- powered equipment is generally qui-eter than diesel powered equipment to help reduce noise pollution. |
| **Disturbance of Local Ecosystems:** The drilling operations, particularly those involving excavation, can potentially disturb the local ecosystems and impacting biodiversity. | Training and Awareness: trainings are provided for site personal about the importance of minimizing disturbance to local ecosystems, such as minimized noise and light pollution, how to handle waste properly, and what to do if they encounter local wildlife. | Employing construction methods of a low-impact nature, such as the utilization of machinery that is lightweight and drilling techniques which are minimally invasive |
| **Air Pollution:** Machinery used in construction sites can emit pollutants into the air. These pollutants may include Particulate Matter (PM), Nitrogen Oxides (NOx), Sulfur Oxides (SOx), and Volatile Organic Compounds (VOCs), contributing to air pollution and potentially impacting air quality in the surrounding area. | Dust Control Measures: Implement dust control measures such as water sprays, dust screens, or using dust suppression chemicals to reduce particulate matter emissions, and training for all staff on the importance of air quality and measures to reduce air pollution. | 1. Improved Fuel Efficiency and Maintenance: Promoting fuel-efficient practices and regular maintenance of machinery can help reduce emissions.<br>2. Properly maintained equipment operates more efficiently, resulting in lower fuel consumption and reduced emissions. Implementing fuel-saving measures, such as reducing idling time and optimizing equipment usage, can further minimize air pollution during construction. |
| **Water Pollution:** Drilling operations have the | Proper containment and lining of mud pools is crucial to | 1. Horizontal Directional Drilling (HDD): HDD is a |

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|---|---|---|
| potential to contaminate local water sources, particularly if improper waste management practices are used. | prevent contamination. Mud pools should have an impermeable liner, such as HDPE or bentonite clay, to prevent seepage into the ground. Berms can be constructed around the perimeter to contain any overflow. Regular inspection and maintenance of the liner integrity is important. | trenchless method that causes less disturbance to the surrounding environment and mitigates the risk of water contamination. It could be a viable alternative depending on the geology of the site and the purpose of the drilling operation.<br>2. Dry Drilling Techniques: Depending on the geology of the site, dry drilling techniques could be considered. These methods do not use drilling fluids and therefore reduce the risk of water contamination from these sources. |
| **Soil Disturbance:** The use of heavy machinery can cause soil compaction and disturbance, particularly during drilling operations or movement of equipment. This soil disturbance can disrupt the natural structure and composition of the soil, affecting its ability to support vegetation growth and nutrient cycling. | 1. Proper Planning and Design: Incorporate soil protection measures into the initial planning and design phase of construction projects. This includes identifying sensitive areas and implementing appropriate construction techniques to minimize soil disturbance.<br>2. Ground Improvement Techniques: Techniques like soil stabilization, grouting, and compaction can help improve the soil's strength and stability, reducing the likelihood of soil disturbance during construction. | A helical pile is a type of deep foundation system used in construction. It consists of a steel shaft with helical plates or blades that are twisted into the ground to provide support for structures. Helical piles are commonly used in situations where traditional foundation methods are impractical or costly, such as in areas with poor soil conditions or limited access for heavy machinery. |
| **Energy Consumption:** The operation of machinery requires energy, typically derived from fossil fuels. The extraction, processing, and combustion of these fuels contribute to greenhouse gas emissions and contribute to climate change. | 1. Training: workers are trained in the importance of energy conservation and efficiency. This could involve instruction on when to turn off equipment, how to use machinery efficiently, and the benefits of energy conservation.<br>2. Efficient Equipment and Machinery: Use energy-efficient machinery and equipment that consume less energy during operation. Regular maintenance and proper calibration of machinery can also improve energy efficiency and reduce energy waste. | 1. Prefabrication and Modular Construction: Prefabrication and modular construction methods involve manufacturing building components off-site and assembling them on-site. This approach reduces energy consumption by streamlining the construction process, minimizing material waste, and optimizing energy usage during manufacturing.<br>2. Lean Construction: This methodology helps energy optimization in construction processes. |

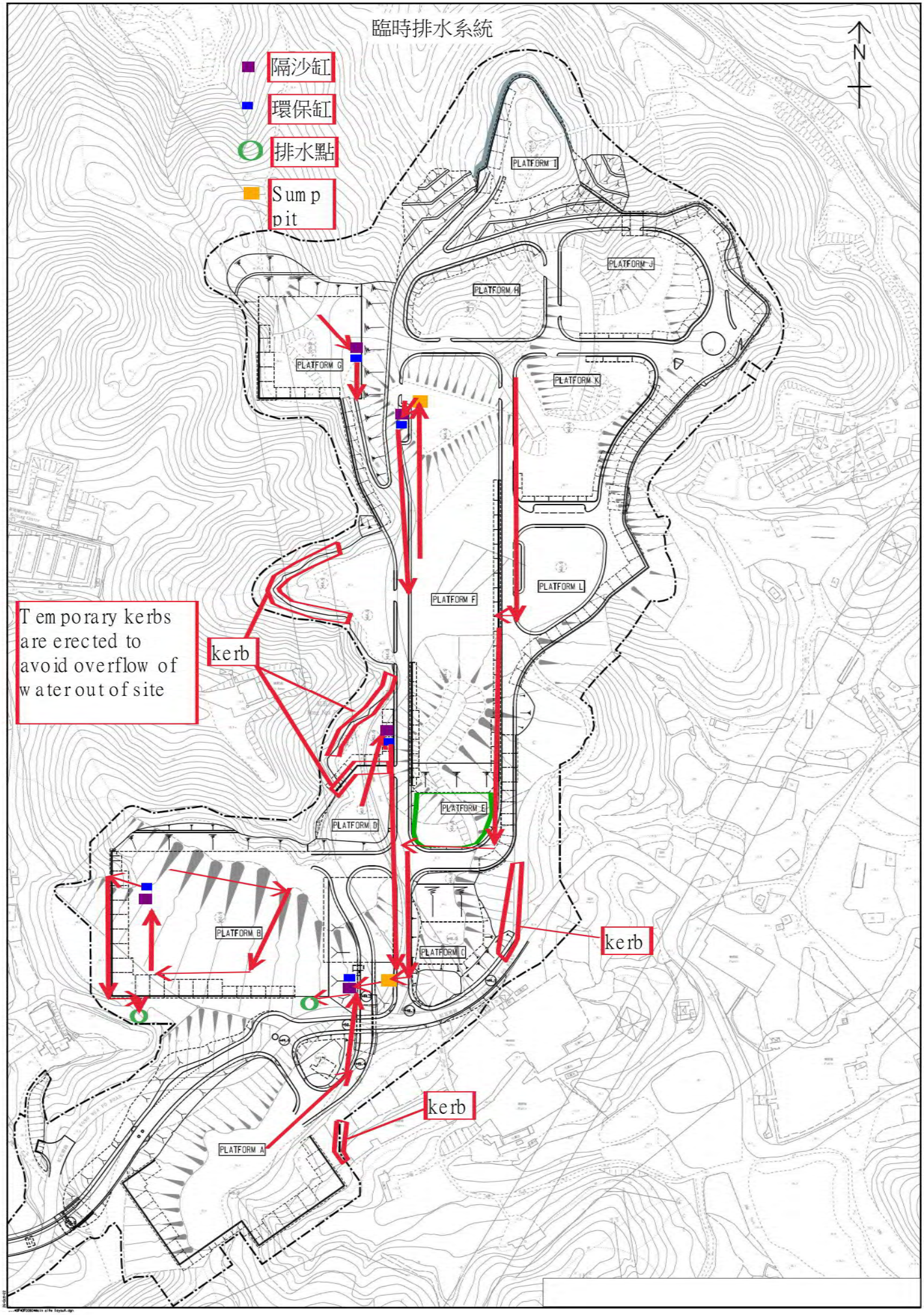
| | | |
|---|---|---|
| **Waste Generation:** Ground investigation and plate load testing may generate various types of waste, including drilling cuttings, excess soil, and construction debris. Improper disposal or management of these wastes can result in soil and water contamination or contribute to landfill usage. | Education and Training: education and training are provided to construction workers and staff on proper waste management practices. Raise awareness about the importance of waste reduction, recycling, and responsible disposal methods. Encourage worker participation and engagement in waste management initiatives. | Cone Penetration Testing (CPT): CPT is a method of ground investigation that produces minimal waste compared to traditional drilling methods. It involves pushing a cone-shaped probe into the ground and measuring the resistance, which can provide valuable information about the soil conditions with less soil disturbance. |

## APPENDIX P
## A LIST OF MACHINERIES USED IN CONSTRUCTIN SITE

SSK509 Design and Construction of Kong Nga Po Police Training Facilities
NRMM & QPME List

| | Type | Brand | Model | S/N No. | Engine Make | Engine Model | NRMM No. | Approval, Exemption or Modification | QPME no. | QPME Expiry Date | Sound Power Level |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Generator | Airman | SDG100S-3B1 | 1533B10240 | ISUZU | BI-4HK1XYGD-02 | EPD-A-003542-2017 | Approval | EPD-06206R | 十二月-29 | 92 |
| 2 | Forklift | Mitsubishi | fd25nt | CF18C-81179 | Mitsubishi | S4S | EPD-A-007117-2016 | Approval | | | |
| 3 | Generator | Airman | SDG60S-3B1 | 14A3B10240 | ISUZU | BJ-4JJ1XYGD-04 | EPD-A-003657-2017 | Approval | EPD-06274R | 十二月-29 | 90 |
| 4 | Forklift | Doosan | D30NXP | FDA41-1670-02844 | YANMAR | 4TNE98-BQDF1CC | EPD-A-000153-2023 | Approval | | | |
| 5 | Generator | Nippon Sharyo | NES150TI | DG041900 | ISUZU | BH-6HK1X | EPD-A-001707-2018 | Approval | EPD-07118R | 七月-30 | 92 |
| 6 | Generator | Denyo | DCA-300LSKE | 3927486 | KOMATSU | SAA6D125E-5-B | EPD-A-001953-2018 | Approval | EPD-07187 | 七月-24 | 100 |
| 7 | Forklift | Mitsubishi | FD30NT | CF14E-16891 | Mitsubishi | S4S | EPD-A-000779-2017 | Approval | | | |
| 8 | Generator | Nippon Sharyo | NES220EM | FJ083800 | Guangxi Yuchai | YC6A275-D30 | EPD-M-002058-2020 | Approval | EPD-01840R | 七月-25 | 95 |
| 9 | Excavator | Komatsu | PC138US-8NM | 29202 | KOMATSU | SAA4D95LE-5 | EPD-A-000710-2021 | Approval | | | |
| 10 | Excavator | Hitachi | ZX75US-3 | HCM1P300A00062042 | ISUZU | AU-4LE2X | EPD-A-003158-2019 | Approval | | | |
| 11 | Generator | Nissha | NES150TI | DG028600 | Isuzu | BH-6HK1X | EPD-A-004698-2016 | Approval | EPD-03628R | 四月-28 | 92 |
| 12 | Excavator | Yanmar | VIO70-3A | 35012B | YANMAR | 4TNV98-ZWBV | EPD-A-000188-2020 | Approval | | | |
| 13 | Generator | Nippon Sharyo | NES150TI | DG042300 | ISUZU | BH-6HK1X | EPD-A-002077-2018 | Approval | EPD-07262 | 八月-30 | 92 |
| 14 | Excavator | Yanmar | ViO40-5 | 51036B | Yanmar | 4TNV88-PBV | EPD-A-000128-2019 | Approval | | | |
| 15 | Excavator | Hitachi | ZX350K-3 | HCM1V900T00056936 | ISUZU | 6HK1-XDHAA-01-C2 | EPD-A-000772-2020 | Approval | | | |
| 16 | Excavator | Liugong | CLG922E | CLG922EZHPE718565 | Cummins | QSB7 | EPD-A-003163-2023 | Approval | | | |
| 17 | Road works machine | BITELLI | DTV325 | 000816 | HATZ | 2M41 | EPD-EE-018554-2015 | Exemption | | | |
| 18 | Loader | Bobcat | S450 | B1ED11528 | Kubota Corporation | V2403-M-DI-EU32 | EPD-A-005651-2016 | Approval | | | |
| 19 | Excavator | Kobelco | SK225SR | YB05-03058 | Hino | AA-J05E-TA | EPD-A-001400-2022 | Approval | | | |
| 20 | Excavator | Kato | HD820V | KWJ01E01PC0006237 | Mitsubishi | 4M50-TLE3A | EPD-A-003461-2021 | Approval | | | |
| 21 | Excavator | Kobelco | SK135SR-2 | YY06-22265 | Mitsubishi | D04FR | EPD-A-005755-2016 | Approval | | | |
| 22 | Excavator | Kobelco | SK135SR-2 | YY05-12343 | Mitsubishi | D04FR-KDP2TAAC | EPD-A-000483-2017 | Approval | | | |
| 23 | Generator | Nippon Sharyo | NES60TK2 | KS013000 | Kubota | V3800-DI-TI-K3A | EPD-A007294-2016 | Approval | EPD-04519R | 十二月-28 | 90 |
| 24 | Road works machine | Dynapac | CC1300 | 10000334E0A010764 | Kubota | V22030 | EPD-EE-019550-2015 | Exemption | | | |
| 25 | Road works machine | BOMAG | BW131AD-2 | 751750101550 | KUBOTA | V1505 | EPD-A-001349-2022 | Approval | | | |
| 26 | Loader | Liugong | CLG365B | LGC365BZCPC503358 | Perkins | 404D-22 | EPD-A-000432-2024 | Approval | | | |
| 27 | Generator | Airman | SDG125S-3B1 | 1263B10611 | ISUZU | BI-4HK1XYGD-02 | EPD-A-000878-2024 | Approval | EPD-14678 | 四月-30 | 92 |
| 28 | Generator | Airman | SDG150S-3B1 | 1723B10569 | ISUZU | BH-6HK1XYGD-11 | EPD-A-002208-2023 | Approval | EPD-13957 | 九月-29 | 95 |
| 29 | Excavator | Kobelco | SK135SR-2 | YY06-18660 | Mitsubishi | D04FR | EPD-A-003077-2019 | Approval | | | |
| 30 | Excavator | Kobelco | SK210D | YN11-50763 | Hino | AA-J05E-TA | EPD-A-002407-2019 | Approval | | | |
| 31 | Loader | BOBCAT | S450 | B5NB11534 | KUBOTA | V2403 | EPD-A-001492-2024 | Approval | | | |
| 32 | special purpose vehicle | BOBCAT | D30NXP | FDA41-4920-03786 | Yanmar | 4TNE98 | EPD-A-001869-2024 | Approval | | | |
| 33 | Mobile Crane | SANY | STB650T5-8 | TE0065CE0130 | WEICHAI | WP7G300E473 | EPD-A-001095-2024 | Approval | EPD-14911 | 六月-30 | 104 |
| 34 | Mobile Crane | XCMG | XCT90 | LXGCPA488KA013688 | Sinotruk | MC11.40-50 | EPD-A-001854-2019 | Approval | | | |
| 35 | Mobile Crane | XCMG | XCT60L6 | LXGCPA468MA016172 | Sinotruk | MC11.36-50 | EPD-A-002675-2021 | Approval | | | |
| 36 | Generator | Airman | SDG60S-3B1 | 14A3B10251 | ISUZU | BJ-4JJ1XYGF-04 | EPD-A-000731-2018 | Approval | EPD-06744R | 四月-30 | 90 |
| 37 | Generator | Nippon Sharyo | NES60TK2 | KS016800 | Kubota | V3800-T | EPD-A-001681-2017 | Approval | EPD-05465R | 六月-29 | 90 |
| 38 | special purpose vehicle | Toyota | 82-8FD25 | 808FD25-60042 | Toyota | 3Z | EPD-A-006031-2016 | Approval | | | |
| 39 | special purpose vehicle | Mitsubishi | FD25NT | CF18C-81122 | Mitsubishi | S4S | EPD-A-006795-2016 | Approval | | | |
| 40 | Excavator | YANMAR | VIO40-5B | 53530B | Yanmar | 4TNV88-BXBV | EPD-A-000971-2023 | Approval | | | |
| 41 | special purpose vehicle | HANGCHA | CPCD30 | 15BD03754 | ZHEJIANG XINCHAI | 3E22YG51 | EPD-A-002453-2024 | Approval | | | |
| 42 | Generator | Nippon Sharyo | NES220TI | FM029600 | ISUZU | BH-6UZ1X | EPD-A-001692-2017 | Approval | EPD-05457R | 六月-29 | 94 |
| 43 | special purpose vehicle | Doosan | D30NXP | FDA41-1670-03634 | Yanmar | 4TNE98 | EPD-A-001105-2024 | Approval | | | |
| 44 | Excavator | KATO | HD308USV | KWJ08E01KE0006092 | ISUZU | 4LE2 | EPD-A-002162-2024 | Approval | | | |
| 45 | special purpose vehicle | Toyota | 82-8FD25 | 808FD25-80056 | Toyota | 3Z | EPD-A-000403-2021 | Approval | | | |
| 46 | Road works machine | Dynapac | CC142 | 10000309L0A005769 | DEUTZ | D2011L03I | EPD-EE-011031-2015 | Exemption | | | |
| 47 | Generator | Denyo | DCA-400ESEI | 3925008 | ISUZU | 6WG1 | EPD-A-001956-2018 | Approval | EPD-07182R | 七月-30 | 97 |
| 48 | Generator | Nippon Sharyo | NES60TK2 | KS023500 | Kubota | V3800-T | EPD-A-001633-2018 | Approval | EPD-07064R | 六月-30 | 90 |
| 49 | Generator | Airman | SDG45S-3B1 | 13A3B10347 | Kubota | V3800-T | EPD-A-003470-2017 | Approval | EPD-06202R | 十二月-29 | 87 |
| 50 | Generator | Nippon Sharyo | NEA-1814 | FJ099600 | Guangxi Yuchai | YC6A275-D30 | EPD-M-001284-2024 | Approval | EPD-02781R | 四月-27 | 95 |
| 51 | Excavator | KATO | HD513MRV | KWJ03E01PD0005309 | Isuzu | 4JJX1DJA | EPD-A-001157-2021 | Approval | | | |
| 52 | special purpose vehicle | XCMG | XCT95L7 | LXGDPA48XNA002670 | Sinotruk | MC11.44-50 | EPD-A-000121-2022 | Approval | | | |
| 53 | Excavator | Yanmar | VIO30-6B | BG768 | YANMAR | 3TNV88 | EPD-A-001698-2023 | Approval | | | |
| 54 | Excavator | Komatsu | PC138US-8 | 31146 | KOMATSU | SAA4D95LE-5 | EPD-A-000904-2023 | Approval | | | |
| 55 | Generator | BAIFA | ST-G400 | 2410207 | BAUDOUIN | 6M21G2D3/5 | EPD-A-000095-2025 | Approval | | | |
| 56 | special purpose vehicle | Doosan | D70G | FDA0D-1670-12702 | Yanmar | 4TNE98-BQDFC | EPD-A-001298-2018 | Approval | | | |
| 57 | Generator | Nissha | NES220TI | FM023500 | Isuzu | BH-6UZ1X | EPD-A-005601-2016 | Approval | EPD-03312R | 五月-28 | 94 |
| 58 | Generator | Nippon Sharyo | NES400TI | JM019900 | ISUZU | BH-6WG1X | EPD-A-007296-2016 | Approval | EPD-04554R | 十二月-28 | 97 |
| 59 | Generator | Airman | SDG150L-5B1 | P7BB1N0160 | ISUZU | BH-6HK1XYGD-11 | EPD-A-000411-2025 | Approval | EPD-15683 | 三月-31 | 94 |
| 60 | special purpose vehicle | XCMG | XZJ5441JQZ55 | LXGCPA443HA007920 | SINOTRUK | MC11.36-50 | EPD-A-002934-2017 | Approval | | | |
| 61 | special purpose vehicle | SANY | SAC4000C8 | AC0400CE0012 | WEICHAI | WP13.550E62, WEICHAI & WP | EPD-A-002412-2024 | Approval | | | |
| 62 | Mobile Crane | Liebherr | LR 1300 | 138157 | Liebherr | D9508 A7 | EPD-A-012824-2015 | Approval | | | |
| 63 | Generator | BAIFA | ST-G300 | 2502081 | BAUDOUIN | 6M16G8D3/5 | EPD-A-000594-2025 | Approval | EPD-15846 | 五月-31 | 97 |

**APPENDIX Q**
**Wastewater Discharge Layout Plan**


臨時排水系統
隔沙缸
環保缸
排水點
Sump pit
N
PLATFORM I
PLATFORM J
PLATFORM H
PLATFORM G
PLATFORM K
PLATFORM F
PLATFORM L
PLATFORM E
PLATFORM D
PLATFORM B
PLATFORM C
PLATFORM A
Temporary kerbs are erected to avoid overflow of water out of site
kerb
kerb
kerb