



Date: 14 May 2025 Your ref: Our ref: PL-202505008

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 <u>Verification of Monthly EM&A Report (April 2025)</u>

Reference is made to the Monthly EM&A report (April 2025) (Version 1) provided by ET via email on 9 May 2025 and subsequent revision (Version 2) on 12 April 2025.

Please be informed that we have no adverse comments on the Monthly EM&A report (April 2025) (Version 2). We hereby verify the submission is in accordance with Condition 3.4 of Environmental Permit No. FEP-01/510/2016.

Thank you for your attention.

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

Halans

Ir Y. H. LAW Independent Environmental Checker

c.c. Ka Shing Management Consultancy Ltd.

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 April 2025 (Version 2)

Disclaimer

The information provided in this report is for presentation. All information in the report is provided in good faith, and every effort has been made for the information contained herein at the time of publication. However, our company disclaims all responsibilities and liabilities for incompleteness within this report.

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: 12-5-2025

12-5-2025

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 April 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

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# **EXECUTIVE SUMMARY**

# Introduction

- E1. This document represents the 25th 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 30th of April 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:

EM&A Activities	Date			
Noise Monitoring	01, 07, 16, 22, 28 April 2025			
Air Quality Monitoring	01, 07, 12, 16, 22, 28 April 2025			
Environmental Site Inspection	07, 15, 22, 29 April 2025			
Ecological Monitoring	29,30 April 2025			
Landscape & Visual Inspection	07, 15, 22, 29 April 2025			

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

# **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.

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 <sub>eq(30min)</sub>	0	0	0	0	N/A	
Air Quality	1-hr TSP	0	0	0	0	N/A	

Table II	Summary Table for Events	Recorded in the Reporting Month
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#### **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. Backfilling
- 8. 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 25th 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 to the 30th of April 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.

Party	Role	<b>Contact Person</b>	Phone No.	Fax No.
Architectural Services Department	Project Proponent	Mr. Vincent Kwok	2867 3939	3542 5223

Table 2.1	Key Contacts	of the Project
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Montiny EM&A Report – April 2023				
	Site Agent	Mr. Kelvin Chan	6272 8828	
Contractor (China State JV)	Environmental	Ms. Marian Kong	6174 9735	2866 6325
	Officer	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
  - 9. MIC installation

# **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.

D	Valid	Period	64-4		
Permit / Licence No.	From	То	Status		
Further Environmental Permit (FEP)					
FEP-01/510/2016	N/A	N/A	Valid		
Construction Noise Permit	(CNP)				
GW-RN0074-25	10-02-2025	09-05-2025	Valid		
Notification pursuant to Air Pollution Control (Construction Dust) Regulation					

Table 2.2 Status of Environmental Licences, Notifications and Permits

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-
01/510/20	16											

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

		Monuny EMer	Report – April 20
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	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**.

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

Table 3.1Location of Noise Monitoring Stations

# **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**.

Equipment	Model	Quantity
Sound Level Meter	NTi Audio XL2	1
Sound Level Meter	BSWA 308	1
Sound Level Meter	Rion NL53	1
Sound Calibrator	TYPE 4231	1

 Table 3.2
 Noise Monitoring Equipment

#### **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.) $dB(A)^{[2]}$			Free field <sup>[1]</sup>
NM10	dB(A) <sup>r</sup>			Free field <sup>[1]</sup>
NM11	L90(30 min.)			Façade
NM12	$dB(A)^{[2]}$	0700-1900 hrs on	Once per	Façade
NM13	$Leq(30 min.) dB(A)^{[2]}$	normal weekdays	week	Free field <sup>[1]</sup>
NM14	dB(A) <sup>[2]</sup> (as six consecutive Leq, 5min readings)			Free field <sup>[1]</sup>

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.

Maria - Station	Average	Range	Baseline Level	Limit Level
Monitoring Station	Leq (30 min) dB(A)	Leq (30 min) dB(A)	dB(A)	dB(A)
NM9 <sup>[1]</sup>	52.7	47.4-64.9	55.9	
NM10 <sup>[1]</sup>	55.4	48.9-66.7	52.8	
NM11	50.5	30.1-61.7	46.4	75
NM12	52.3	43.8-61.9	54.7	15
NM13 <sup>[1]</sup>	56.6	51.2-64.7	61.3	
NM14 <sup>[1]</sup>	57.5	45.7-73.1	59.6	

Table 3.4	Summary Table of Noise Monitoring Results during the Reporting Month
1 4010 511	building fuble of folise from to find the stand unit for the porting from the

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.

#### **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 4.1Location 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 ALS Technichem (HK) Pty Limited. Copies of the calibration certificates for the equipment can be found in **Appendix C**.

Equipment	Model and Serial No.	Quantity	The valid period is until
Dust Monitor	AEROCET-831/ E11304	1	12 May 2025
Dust Monitor	AEROCET-831/ D12641	1	12 May 2025

Table 4.2Air Quality Monitoring Equipment

- 4.6 Weather data was sourced from the "Hong Kong Observatory General Weather Conditions during the Monitoring Period (April 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**.

Monitoring Station (µg/m <sup>3</sup> )		Concentration (µg/m <sup>3</sup> )	Action Level, µg/m <sup>3</sup>	Limit Level, µg/m <sup>3</sup>	
	Average	Range	F-8/		
AM1	84	1-221	308	500	
AM2	75	11-167	311	- 500	

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

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**.

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 an movement, vehicle / equipment operation and movement at warehout		

 Table 4.5
 Observation at Dust Monitoring Stations

# **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 30th April 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 27th, 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 30th April 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 07, 15, 22, 29 April 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.

Parameters	Date	Observations	Advice
Waste Management Implications	22-4-2025	represent practices for promoting material	The storage of different types of waste in different containers or skips or stockpiles to enhance reuse or recycling of materials and their proper disposal.
Water Quality Impact	22-4-2025	Sediment and blockages build-up can reduce the channel's capacity to efficiently transport water, causing slower water flow and potential overflow during heavy rainfall	removal facilities should be

Table 5.1 Observations of Weekly site Inspection and advice

# **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 noninert 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. Backfilling
  - 8. 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 April 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 07, 15, 22, 29 April 2025. Additionally, monitoring of landscape and visual impacts was performed on the 07, 15, 22, 29 April 2025, and ecological monitoring was conducted on the 29 April 2025 by ET within the reporting month. The Contractor also conducted monitoring on 30th April 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.

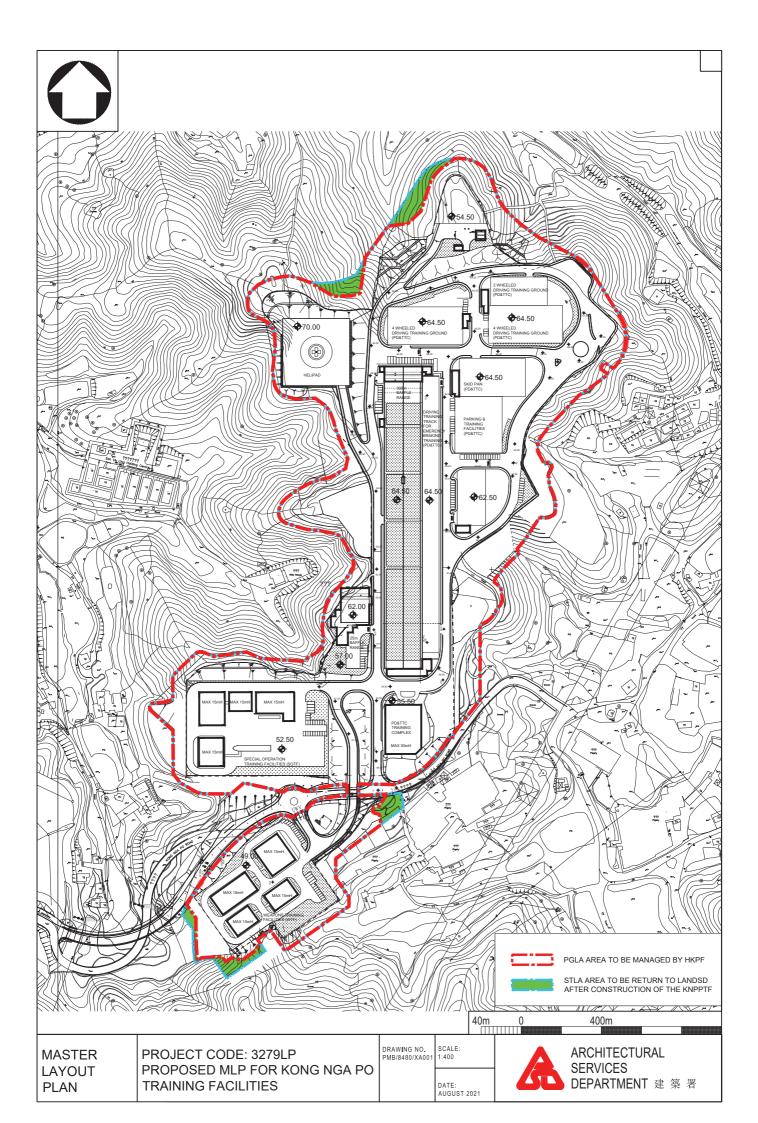
# Ecology

- 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.

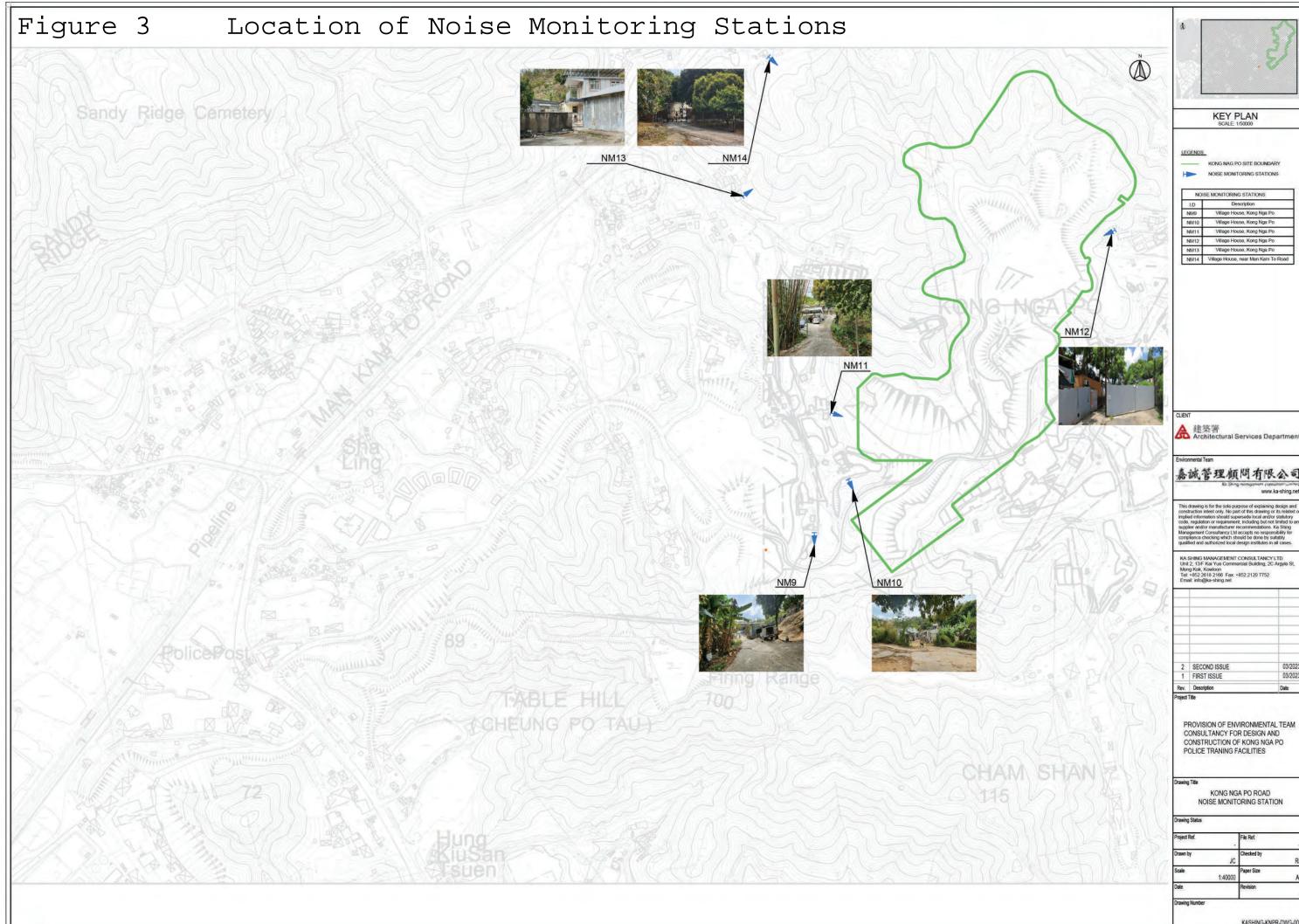
# Landscape and Visual

- 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)







### KEY PLAN SCALE; 1/50000

KONG NAG PO SITE BOUNDARY

NOISE MONITORING STATIONS

1.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

A 建築署 Architectural Services Depar

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03/2023 03/2023 Date

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

KONG NGA PO ROAD NOISE MONITORING STATION

## 1-40000

KASHING-KNPR-DWG-003

APPENDIX A CONSTRUCTION PROGRAMME AND PROACTIVE ENVIRONMENTAL PROTECTION PROFORMA

## Construction Programme (Apr 2024 – Jun 2025)

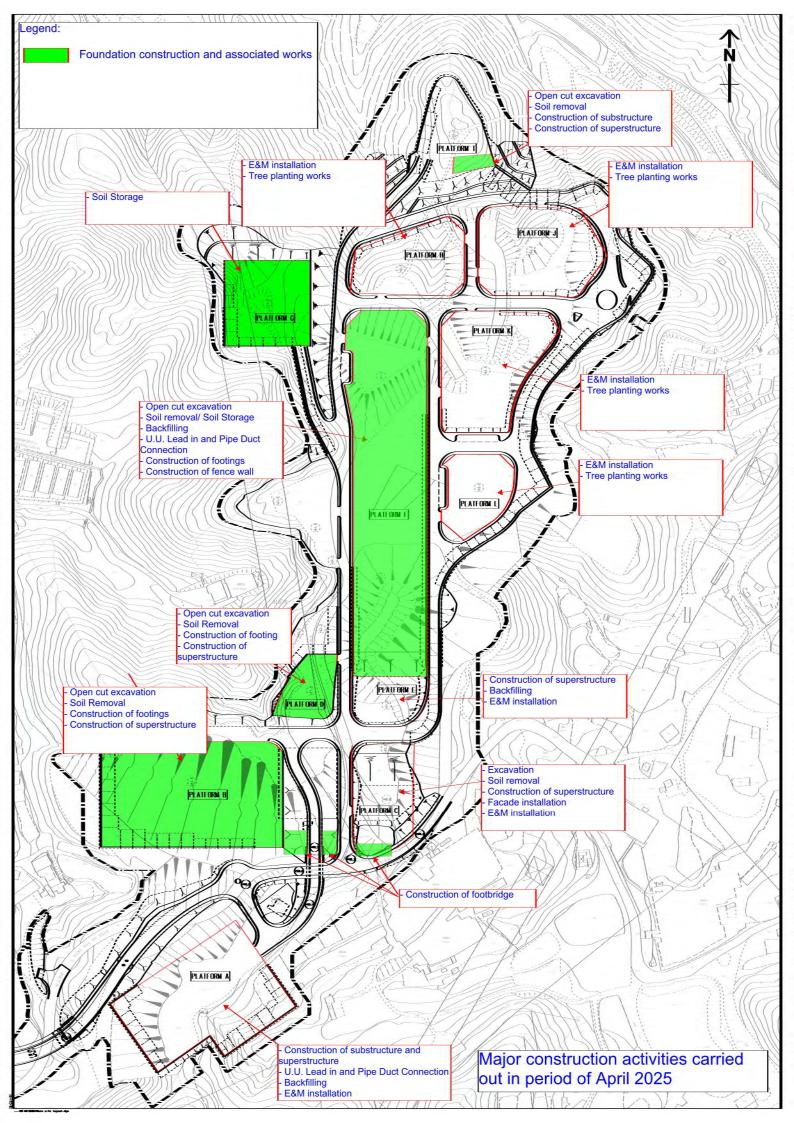
			Design & Co				
	Task	Dumation	Start	Finish	Total Slack	Time Risk	2023 Qir 4, 2022 Qir 1, 2023 Qir 2, 2023 Qir 4, 2023 Qir 1, 2024 Qir 2, 2024 Qir 4, 2024 Qir 1, 2023 Qir 2, 2025 Qir 4, 2025 Qir 4, 2025 Qir 4, 2025 Qir 4, 2025 Qir 1, 2026 Qir 2, 2026 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 2, 2027 Qir 4, 2025 Qir 1, 2027 Qir 4, 2027 Qir 4, 2025 Qir 1, 2027 Qir 4, 2027 Q
					1 - 1	Allowance	(0r.4, 2021)(pr.1, 2021)(pr.3, 2023)(pr.4, 2023)(pr.4, 2024)(pr.3, 2024)(pr.4,
	Tower Crane TC5 Installation	5 d	Sat 26/4/25	Sat 3/5/25	447.5 d		
	Tower Crane TC5 Dismantling	5 d	Wed 22/10/25	Mon 27/10/25		-	Edver Cand TCS Disting
	Material Hoists	106.5 d	Thu 19/12/24	Fri 4/4/25	571 d		
	Material Hoist MH1 Installation	5 d	Thu 19/12/24	Wed 25/12/24			Stateful Host #11 hstillation
	Material Hoist MH1 Dismantling	5 d	Mon 31/3/25	Fri 4/4/25	462 d	0 d	Kitchia Eost Mitt Distriction
	Refuse Chutes & Collection Chambers	106.5 d	Thu 19/12/24	Fri 4/4/25	571 d		Refue Chure & Collector Churrers
	Refuse Chute RC1 Installation	5 d	Thu 19/12/24	Wed 25/12/24		-	- 11 Series Cruze SC11 Ingalization
-	Refuse Chute RC1 Dismantling	5 d	Mon 31/3/25	Fri 4/4/25	462 d	0 d	Rerue Chate RCI Dismelling
F	oundation and Substructure Construction	911 d	Wed 21/12/22	Wed 18/6/25	496 d		Forpássa ha Sastradare Construction
	ELS, Foundation and Substructure Works	87 d	Thu 19/1/23	Sat 15/4/23	0 d		ELS. Feindarion and Sanotructure Works
	Ground Investigation	27 d	Fri 3/2/23	Wed 1/3/23	0 d	0 d	Ground Investigation
	Soil Redistribution	40 d	Thu 19/1/23	Mon 27/2/23	0 d	0 d	Seil Redistribution
	Plate load test (WTF / SOTF / 25m Baffle Range and 300m Baffle Range)	45 d	Thu 2/3/23	Sat 15/4/23	0 d	0 d	Pinte ksalt test ( WTFF/S0TF/ 25m Balthe kaape and 300m Balthe Ratue)
	Section 1 Works	624.5 d	Wed 21/12/22	Thu 5/9/24	782.5 d		
	PD&TTC Block1 (Training Complex)	624.5 d	Wed 21/12/22	Thu 5/9/24	782.5 d		
	Pre-drilling Works	60 d	Wed 15/3/23	Sat 13/5/23	0 d	0 d	
	Pre-drilling works completion and issue report	7 d	Sun 14/5/23	Sat 20/5/23	0 d	0 d	Fire-fariling works completion and issue amon
	Test Boring	1 d	Thu 15/6/23	Thu 15/6/23	0 d	0 d	Test Borne
	Piling works	200.3 d	Fri 16/6/23	Tue 2/1/24	0 d	1 d	
	Zone A	102 d	Fri 16/6/23	1	0 d	- 0	
		102 d 14 d			-	-	KUEDKUL 14 days SUT Claimed
	NICE001 - 14 days EOT Claimed	14 d 4 d	Tue 26/9/23		0 d 0 d	-	W SCOUP 19 also but carried
	NICE002 - 4 days EOT Claimed		Fri 6/10/23				
	NICE003 - 9.5 days EOT Claimed	9.5 d	Sat 7/10/23	Mon 16/10/23			The ACCENCE - 35 alos Erri L Carmon
	NICE004 - 3.5 days EOT Claimed	3.5 d	Mon 16/10/23		0 d		APTCEDD4 - 35 luojs #D7 Ctalmad
	NICE005 - 20 days EOT Claimed	20 d	Fri 20/10/23		0 d		100, StdEr05 - 20 day E07 Chained
	NICE006 - 5.5 days EOT Claimed	5.5 d	Thu 9/11/23	Tue 14/11/23	0 d		M StoC2006 - 5.5 fact BOT/Claimed
	Zone B	83 d	Fri 14/7/23	Mon 6/11/23	0 d		🐂 🛶 ZackB
	NICE001 - 14 days EOT Claimed	14 d	Mon 6/11/23	Mon 20/11/23	0 d		A STATE OF
	NICE002 - 4 days EOT Claimed	4 d	Mon 20/11/23	Fri 24/11/23	0 d		Kiddeou - 4 and Bort Duringt
	NICE003 - 9.5 days EOT Claimed	9.5 d	Fri 24/11/23	Mon 4/12/23	0 d		Arter 2003 - 45 Bays Eptr Chained
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	NICE006 - 5.5 days EOT Claimed	5.5 d	Wed 27/12/23	Tue 2/1/24	0 d		Therefore to days Both Cultured
	Piling Tests	97 d	Mon 25/9/23	Sat 30/12/23	0 d	0 d	In the second seco
	Location Selected by ArcSD (Zone A)	39 d	Mon 25/9/23	Thu 2/11/23	0 d	1	The analysis Selected B ArrSD Clove A
	Zone A	18 d	Fri 3/11/23	Mon 20/11/23			
	Location Selected by ArcSD (Zone B)	31 d	Tue 7/11/23	Thu 7/12/23	0 d	-	The second second by second program (Second program (Second by second program (Second by second program (Second by second program (Second
	Zone B	20 d	Mon 11/12/23	Sat 30/12/23	0 d		
	Post drill and piling works completion	14 d	Mon 6/11/23	Mon 20/11/23		0 d	
	Zone A	14 d	Tue 7/11/23	Mon 20/11/23		0 u	
	Zone B	14 d	Mon 6/11/23	Mon 20/11/23			
						-	
	Excavation to piling cut off and bottom of pile cap	65 d	Fri 1/12/23	Sat 3/2/24	0 d		
	Zone A	35 d	Fri 1/12/23	Thu 4/1/24	0 d	0 d	
	Zone B	35 d	Sun 31/12/23	Sat 3/2/24	0 d	0.1	
	Slope Modification	45 d	Sun 16/4/23	Tue 30/5/23	0 d	0d	Slope Modification
	Completion for Bottom of Slope Feature D by Build King	342 d	Wed 21/12/22			-	- Credition for Store Relation for Store Relation for by Build Ring
	Pile caps construction	159 d	Sat 30/12/23	Wed 5/6/24	874 d	1 d	He have been been been been been been been be
	Zone A	45 d	Sat 30/12/23	Mon 12/2/24	0 d		
	NICE 1~6 - 56.5 Days EOT Granted	56.5 d	Tue 13/2/24	Tue 9/4/24	0 d		Nicel-4- is flavs it for Grided
	NICE-0007 - 0.5 day EOT	0.5 d	Tue 9/4/24	Tue 9/4/24	0 d		
	NICE-0009 - 1 day EOT	1 d	Wed 10/4/24	Wed 10/4/24	0 d		
	NICE-0010 - 4 day EOT	4 d	Thu 11/4/24	Sun 14/4/24	0 d		Suce could de EDT
	NICE-0012 - 23 Days EOT Claimed	23 d	Mon 15/4/24	Tue 7/5/24	873 d	-	The NCE OUL 2 Stark EOT Chinesed
	NICE-0013 - 6.5 Days EOT Claimed	7 d	Wed 8/5/24	Tue 14/5/24	873 d		STATE-OUL-KS Days E07 Colman
	CNE-0032 - 16 Days EOT Claimed	16 d	Wed 15/5/24	Thu 30/5/24	873 d		a CNE-FORE - 16 Exps EXP C time
	Zone B	153 d	Fri 5/1/24	Wed 5/6/24	0 d		
	Zone B - G.L 7-8 / T-L	30 d	Sun 4/2/24	Mon 4/3/24	0 d		
	NICE 1~6 - 56.5 Days EOT Granted	56.5 d	Tue 5/3/24	Tue 30/4/24	0 d		
	Zone B - G.L 8-9 / T-L	45 d	Fri 5/1/24	Sun 18/2/24	0 d	-	
	NICE 1~6 - 56.5 Days EOT Granted	45 d 56.5 d	Mon 19/2/24		0 d	-	wySCC 1-5-556 Dows FOT Gamma
						-	
	CNE0022 - 0.5 day EOT	0.5 d	Mon 15/4/24	Mon 15/4/24	UU		
_	Baseline Milestone 🔷 Mile	sione	•	Manual Task		R	🖡 Stars-only 📃 Path Driving Producessor Milestone Task 🔶
	中國連集聯營 Baseline Summary L Sum			Duration-only			Finish-only Path Driving Predecessor Summary Task
	CHINA STATE JOINT VENTURE Task	ive Milestone	E 1	Manual Summary Rollup			External Tasks O Path Driving Predecessor Normal Task

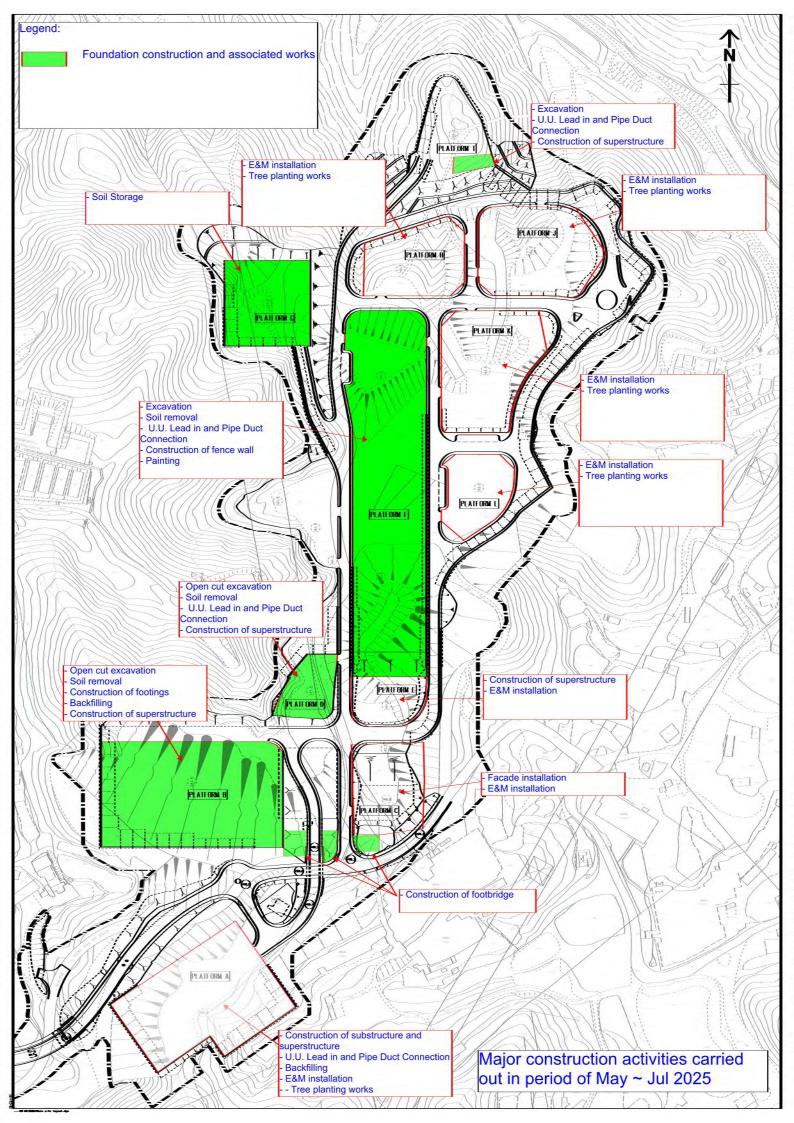
					Progra		
	Task	Dumation	Start	Finish	Total Slack	Time Risk Allowance	2023 Qur 4. 2022 Qur 1. 2023 Qur 3. 2023 Qur 3. 2023 Qur 4. 2023 Qur 1. 2024 Qur 2. 2024 Qur 3. 2024 Qur 4. 2025 Qur 1. 2025 Qur 4. 2025 Q
	NICE-0009 - 1 day EOT	1 d	Tue 16/4/24	Tue 16/4/24	0 d	-	Octivation in Feddrace/balance/bal
-	NICE-0010 - 4 day EOT	4 d	Wed 17/4/24	Sat 20/4/24	0 d		TysicE-0004 -4ay BCT
	NICE-0012 - 23 Days EOT Claimed		Sun 21/4/24	Mon 13/5/24	0 d		📥 🕫 UC5-00/17 13 Days BCT) Claimad
	NICE-0013 - 6.5 Days EOT Claimed	7 d	Tue 14/5/24	Mon 20/5/24	0 d	-	stricts=400 + 6.5 tays strictChimet
	NICE-0014 - 16 Days EOT Claimed	16 d	Tue 21/5/24	Wed 5/6/24	0 d		is a start of the start of th
	Underground Plumbing / Drainage / Earthing Pits / Lightning Pits	35 d	Thu 6/6/24	Wed 10/7/24		0 d	📥 🚰 State group Purprise : Decimae / Eatland Star Lighting Pas
	NICE 1~6 - 56.5 Days EOT Granted	56.5 d	Thu 11/7/24	Thu 5/9/24	775.5 d		since 1-4-56.5 Due 607 General
	Back Filling, Waterproofing and LG/F Slab	92 d	Thu 15/2/24	Thu 13/6/24	859.08 d	0 d	spiket - Pilling, Waterspectral and LGPF Sta
	PD&TTC Block 2-9 (Driving Blocks)	655 d	Wed 21/12/22		752 d	-	PDATE: Break 2-9 (Dreak Becks)
	Excavation Works	235 d	Tue 17/10/23	Fri 7/6/24		0 d	
	Block 2 (Carpark)	72 d	Fri 20/10/23	Sat 30/12/23	0 d		Block2, QC areado
	Block 3 (2-wheeled driving ground)	30 d	Fri 1/12/23	Sat 30/12/23	0 d		man Hock 3-40-Assis drijing gepart
	Block 4	33.5 d	Tue 17/10/23	Sun 19/11/23	534.5 d		P Bock 4
	Block 4 (Emergency Braking Training)	30 d	Tue 17/10/23	Wed 15/11/23	3.15 d		- Jack 4 (Energeny Berling Tring)
	NICE004 - 3.5 days EOT Claimed	3.5 d	Thu 16/11/23	Sun 19/11/23	534.5 d		TNCE3004-3.2 task BOT Claimed
	Block 5 (Skid Pad)	30 d	Wed 1/11/23	Wed 6/12/23	0 d		acces 5 eStep 140
	Block 6 (4-wheeled driving ground)	30 d	Mon 13/11/23		0 d		
	Block 7 (2-wheeled & 4-wheeled driving ground)	30 d	Mon 19/2/24	Tue 19/3/24	413 d		🛶 👌 🔤 🕹 s. S. 7, 2-9 Arctic & d. 4 - sector antir protection
	Block 8 (Gas Filling Station)	30 d	Thu 9/5/24	Fri 7/6/24	333 d		
	Block 9 (4-wheeled driving ground)	30 d	Sat 30/3/24	Sun 28/4/24	0 d		
	Retaining Wall Demolition at Block 2 (Carpark)	45 d	Fri 26/1/24	Sun 10/3/24	0 d		Rearing Wall Demploin # Block 2 (Carpets)
	Footing	278 d	Tue 2/1/24	Sat 5/10/24		1 d	
	Block 2 (Carpark)	41 d	Fri 7/6/24	Wed 17/7/24	832 d		n Back 2+C park
	Block 3 (2-wheeled driving ground)	37 d	Fri 22/3/24	Sat 27/4/24	0 d	-	- Black 3 G-whiled difference web
	Block 4 (Emergency Braking Training)	76 d	Sat 13/7/24	Thu 26/9/24	0 d		Stdate (Engineers) Backing Transis)
	Block 5 (Skid Pad)	0 d	Fri 23/8/24	Fri 23/8/24	0 d		- O BRACE SCREEP AND
	Block 6 (4-wheeled driving ground)	44 d	Fri 5/4/24	Sat 18/5/24	0 d		Burney Block of extended driven primate
	Block 7 (2-wheeled driving ground) Block 7 (2-wheeled & 4-wheeled driving ground)	44 d	Fri 5/4/24	Sat 18/5/24 Sat 18/5/24	0 d		
					0 d		
	Block 8 (Gas Filling Station)	31 d 109 d	Sat 15/6/24 Mon 15/4/24	Mon 15/7/24	0 d		
	Block 9 (1-wheeled driving ground) Underground Plumbing / Drainage / Earthing Pits / Lightning Pits	109 d	Tue 2/1/24	Sat 5/10/24 Sat 31/8/24	780 d	-	Children werden an initial and and a state of the state o
	5 5 5 5 5	100 d 90 d	Wed 21/12/22			1 d	
	Back Filling, Waterproofing and G/F Slab TTF Block 1-4			1.	866.08 d	10	
	Excavation Works		Sat 15/7/23	Thu 13/6/24	866.08 d		
			Sat 15/7/23	Tue 14/11/23	0 d		
	Block 1		Tue 1/8/23	Tue 14/11/23	0 d		
	Block 1	78 d 14 d	Tue 1/8/23	Tue 17/10/23	0 d	-	A STATUT Listing of Tables of Tables
	NICE001 - 14 days EOT Claimed	14 d 4 d	Wed 18/10/23		0 d		SUC202 4 data str Cained
	NICE002 - 4 days EOT Claimed	4 d 9.5 d	Wed 1/11/23 Sun 5/11/23	Sat 4/11/23 Tue 14/11/23	0 d		NDEDOG - 45 State scott Cramed
	NICE003 - 9.5 days EOT Claimed	61.5 d		Thu 14/9/23	0 d		
	Block 2	61.5 d 34 d	Sat 15/7/23		0 d	-	
	Block 2	14 d	Sat 15/7/23	Thu 17/8/23			
	NICE001 - 14 days EOT Claimed		Fri 18/8/23	Thu 31/8/23	0 d		
	NICE002 - 4 days EOT Claimed	4 d	Fri 1/9/23	Mon 4/9/23	0 d		
	NICE003 - 9.5 days EOT Claimed	9.5 d	Tue 5/9/23	Thu 14/9/23	b 0		
	Block 3	58.5 d	Sat 15/7/23	Mon 11/9/23	0 d	-	
	Block 3	30 d	Sat 15/7/23	Mon 14/8/23	0 d		
	NICE001 - 14 days EOT Claimed	14 d	Tue 15/8/23	Mon 28/8/23	0 d		NRCB001-14 days E007 ICharlest
	NICE002 - 4 days EOT Claimed	4 d	Tue 29/8/23	Fri 1/9/23	0 d		
	NICE003 - 9.5 days EOT Claimed	9.5 d	Sat 2/9/23	Mon 11/9/23	0 d		
	Block 4		Sat 22/7/23	Sat 4/11/23	0 d		
	Block 4	78 d	Sat 22/7/23	Sat 7/10/23	0 d		
	NICE001 - 14 days EOT Claimed				0 d		Truck Truck BHC - Mass BHC Claimst Truck BC - 4 day BHC Claimst Truck BC - 95 day BHC Claimst
	NICE002 - 4 days EOT Claimed		Sun 22/10/23				BVCE902 - 4 dov BDT Claimed
	NICE003 - 9.5 days EOT Claimed		Thu 26/10/23		0 d		4 SUCER03 195 dign Bor Quinton
	Footing		Mon 20/11/23		0 d		La contra de la co
	Block 1	71 d	Fri 1/12/23	Fri 9/2/24	0 d		
	Block 2	22 d	Mon 20/11/23		0 d		
	Block 3	40 d	Fri 8/12/23	Tue 16/1/24	0 d		
	Block 4	53 d	Fri 15/12/23	Mon 5/2/24	0 d		
	Underground Plumbing / Drainage / Earthing Pits / Lightning Pits	100 d	Fri 22/12/23	Sat 30/3/24	874 d		- V- Hard Control (1) - V - V - V - V - V - V - V - V - V -
	Back Filling, Waterproofing	90 d	Fri 1/3/24	Wed 29/5/24	874 d		
_							
U.	Baseline Milestone O ME	estone		Manual Task Duration-only	1.		Surr-only     Pub Diving Producessor Milestone Task
1	中國連黎聯營 Baseline Summary L Sur	omary		Duranon-only			Finish-only Path Driving Predscessor Summary Task

				onstruction o	Program				
2	Task	Dumation	Start	Finish		fime Risk Allowance	2023	2024 2025	2026 2027
					A	Allowance	Qtr 4, 2022 Qtr 1, 2023 Qtr 2, 2023 Qtr 3, 2023 Qt OctNovDee Jan FebManAppManJun Jul AugSepO	Core 4, 2022 Ope 1, 2020 Ope 4, 2020 Ope 4, 2020 Ope 4, 2020 Ope 1, 2022 Ope 4, 2020 Ope 4	Qtr 1, 2026 Qtr 2, 2026 Qtr 3, 2026 Qtr 4, 2026 Qtr 1, 2027 Qtr 2, 2027 Qtr Jan FeitMar AppMagDun Jul AugSepOctNovDec Jan FeitMar AppMayDun Jul
15	Completion of Foundation and Substructure Works of Section 1	0 d	Thu 13/6/24	Thu 13/6/24	859.08 d			Comparison of Foundation and Substructure Works of Section I	
45	Section 2 Works	392 d	Thu 23/5/24	Wed 18/6/25	233.5 d				
8	25m and 300m Baffle Range	231 d	Thu 31/10/24	Wed 18/6/25	261 d			25m and 300m Haffle R	nge
8	Excavation Works	80 d	Thu 31/10/24	Mon 3/2/25	209 d 0	) d		and the second se	
2	Footing	70 d	Tue 4/2/25	Wed 7/5/25	209 d 0	) d			
3	Underground Plumbing / Drainage / Earthing Pits / Lightning Pits	30 d	Fri 2/5/25	Fri 6/6/25	404 d 0	) d		Biderground Planning / D     Back Filling, Waterproof	rainage / Earthing Pits / Lightning Pits
1	Back Filling, Waterproofing and G/F Slab	14 d	Mon 2/6/25	Wed 18/6/25	404 d 0	D d		Back Filling, Waterproof	ng and G/F Slap
2	SOTF Block 1-4	343.5 d	Thu 23/5/24	Thu 1/5/25	233.5 d			SOTE Block 1-4	
3	Excavation Works	263.5 d	Thu 23/5/24	Mon 10/2/25	221.5 d			Excavation Wates	
4	Excavation Works	210 d	Thu 23/5/24	Wed 18/12/24	233.5 d 0	) d		Becavation Works	
5	NICE0014 - 11 Days EOT Claimed	11 d	Thu 19/12/24	Sun 29/12/24	233.5 d			STOCE X64 - 11Days EOT Claimed	
6	NICE-0015 - 6 Days EOT Claimed	6 d	Mon 30/12/24	Sat 4/1/25	233.5 d			<ul> <li>KiCli-015 - 0 DepsiBOT Claimed</li> </ul>	
7	CNE0037- 8.5 Days EOT Claimed	8.5 d	Sun 5/1/25	Mon 13/1/25	233.5 d			🗰 🗸 🕅 30.37-8.5 Days EOT Claimed	
8	CNE0038- 8 Days EOT Claimed	8 d	Mon 13/1/25	Tue 21/1/25	233.5 d			Cr E0038- 9 Days EOT Claimed	
9	CNE0041- 13 Days EOT Claimed	13 d	Tue 21/1/25	Mon 3/2/25	221.5 d			MNE0041- (3Days EOT Claimed	
ia	CNE0044- 7 Days EOT Claimed	7 d	Mon 3/2/25	Mon 10/2/25	221.5 d		+	SE0044-7 Days EUT Claimed	
51		85 d	Fri 31/1/25	Sat 26/4/25		1 d	-		
62	Footing						4	The second s	Earthing Pilts / Lightning Pilts
63	Underground Plumbing / Drainage / Earthing Pits / Lightning Pits	70 d	Tue 21/1/25	Tue 1/4/25		ld			G/F Slab
0.5	Back Filling, Waterproofing and G/F Slab	70 d	Thu 20/2/25	Thu 1/5/25		1 d		Saxihime, Walepproduce and	
104	Completion of Foundation and Substructure Works of Section 1	0 d	Wed 18/6/25	Wed 18/6/25		D d		Some set to the set of the se	n and Substructure Works of Section 1
	Superstructure Construction	672 d		Mon 13/10/25				Supersu	cture Construction
66	Section 1 Works	460 d	Mon 11/12/23	Sat 15/3/25	591 d			Section 1 Works	
67	PD&TTC Block 1 (Cast in-situ + recess opening method)	460 d	Mon 11/12/23	Sat 15/3/25	591 d			PD&TTC Block 1 (Cast in situ ) rec	pss opening method)
68	Embed of Glass Wall Fabrication and Dilevery	80 d	Thu 7/3/24	Sat 25/5/24	817 d 1	l d		resolution of Class Wall Februarion and Dilevery	
69	Embed of Glass Wall Installation	120 d	Thu 28/3/24	Thu 25/7/24	817 d			Emped of Glass Well Installation	
0	G/F	126.5 d	Thu 2/5/24	Thu 5/9/24	547.5 d 0	) d		and the second se	
71	G/F	104 d	Thu 2/5/24	Tue 13/8/24	547.5 d			G/F	
72	NICE-0015 - 6 Days EOT Claimed	6 d	Wed 14/8/24	Mon 19/8/24	547.5 d		-	CNICE-D015 6 Days EQT Claimer	
3		8.5 d			547.5 d			CNE0037-8 5 Day 5 D7 Claimed	
74	CNE0037- 8.5 Days EOT Claimed		Tue 20/8/24	Wed 28/8/24			4	CNED038 3 Days E0T Claimed	
75	CNE0038- 8 Days EOT Claimed	8 d	Wed 28/8/24	Thu 5/9/24	5/17.5 d				
76	1/F	57 d	Tue 6/8/24	Wed 2/10/24		) d			
	1/F	44 d	Tue 6/8/24	Thu 19/9/24	547.5 d				
77	CNE0041- 13 Days EOT Claimed	13 d	Thu 19/9/24	Wed 2/10/24	547.5 d			TNEDW1-13 Dates EOT Chimed	
78	2/F	41 d	Tue 17/9/24	Mon 28/10/24	547.5 d 0	bC			
29	3/F	31 d	Sun 13/10/24	Wed 13/11/24	547.5 d 0	) d			
80	4/F	32 d	Tue 29/10/24	Sat 30/11/24	586.5 d 0	) d			
81	CNE0044- 7 Days EOT Claimed	7 d	Sat 30/11/24	Sat 7/12/24	586.5 d			CNEORE- 7 Days EOT Claimbi	
82	R/F	27 d	Fri 22/11/24	Thu 19/12/24	586.5 d 0	D d		li 📊 📊 📫 📫 💏 🚈	
183	UR/F	15 d	Mon 9/12/24	Tue 24/12/24	586.5 d 0	) d			
184	Late Cast RC Works for the Opening of Tower Crane	22 d	Sat 22/2/25	Sat 15/3/25		) d		Late Cost BC Werks for the Obehing.	of Tower Crane
385	Steel MiC Installation (Lifting through opening + Slide-in method)	406 d	Mon 11/12/23		645 d	. u	4	📭 👘 👘 👘 👘 👘 👘 👘 👘 👘 👘 👘 🖬 Steel MiC Instillation (Lifting turough open	ng + Slide-in method)
385	Structural Materials Submission & Approval	0 d	Thu 21/3/24	Thu 21/3/24		1 d		- meneral i Material d Sparti scient & America	
187									
188	Fitting Out Materials Submission & Approval	0 d	Mon 11/12/23	Mon 11/12/23		ld	_		
00	Structural materials Ordering and Fabrication of MiC Carcass	65 d	Fri 22/3/24	Sat 25/5/24		ld		Structural internals Ortering and Subfraction of MJQ Cacaes	
100	MiC Fabrication / Installation and Dilevery on Site	170 d	Sun 26/5/24	Mon 11/11/24		1 d		MAC Patroation / Insuliation and Dilevery on Site	
90	On-site Trial Installation	5 d	Tue 12/11/24	Sat 16/11/24		) d			
91	MiC and MiMep Installation , Late Cast RC Works	45 d	Sun 17/11/24	Tue 31/12/24		1 d		MiC and MiMey Installation, Late Cast RC Wo	ras l
12	PD&TTC Carpark	113 d	Mon 30/9/24	Mon 20/1/25	269 d			I Providence Carpank	
93	Block 2 Carpark - L/G	50 d	Mon 2/12/24	Mon 20/1/25	0 d			Block 2 Carbart - L/G	
4	Block 2 Carpark - G/F	50 d	Mon 30/9/24	Mon 18/11/24	332 d			Brock 2 Carperk - GE	
15	PD&TTC Block 3-9	373 d	Mon 11/12/23	Wed 18/12/24	678 d			Provide the second seco	
16	RC MiC Fabrication	300 d	Mon 11/12/23		751 d				
17	Structural Materials Submission& Approval	0 d	Thu 6/6/24	Thu 6/6/24	866 d			Sinucural Materials Submissional: Approve	
18	Fitting Out Materials Submission& Approval	0 d	Mon 11/12/23					Fining Dut Materials Submissionis Approval	
99	Structural materials Ordering and Fabrication of MiC Carcass	121 d	Fri 7/6/24	Sat 5/10/24	744 d			Structures metricales Ordering and Extension of Mill Carea	
00	Ready for Dilevery on Site	1210 1d	Sun 6/10/24	Sun 6/10/24	744 d		-	Reat At Diletery on Site	
01	· · ·							Karr is printing of did	
02	MiC Installation and Site Works	65 d	Tue 15/10/24	Wed 18/12/24			-		
02	Block 3 (2-wheeled driving ground) (12Nos.of MiC)	3 d	Tue 15/10/24	Thu 17/10/24	733 d		4 - 1	4 Block 3 Q-wheeled driving ground) (12Nos of MiC;	
	Block 4 (Emergency Braking Training) (14Nos.of MiC)	16 d	Mon 25/11/24		679 d			Block/+ (Emergency Betlding Training) (14Nds.of	AKJ
404	Block 5 (Skid Pad) ( 26Nos.of MiC)	11 d	Mon 18/11/24		691 d			Black S (Skid Pad), 26Nesot NEC)	
405	Block 6 (4-wheeled driving ground) (9Nos.of MiC)	14 d	Sat 19/10/24	Fri 1/11/24	718 d			Bisks of the necled driving ground ( SNoskof Mac)	
						-			
		lestone nmary		Manual Task Duration-only	1		Finish-only	Path Driving Predecessor Milestone Task. Path Driving Predecessor Summary Task	
	CHINA STATE JOINT VENTURE Tisk In			Manual Summary Rollup			· · · · · · · · · · · · · · · · · · ·	A MAR AND THE A PROPERTY OF A PROPERTY FIRST P	

	Design & Construction of Kong Nga Po Police Training Facilities Programme							
D	Task	Dumation	Start	Finish	Total Slack	Time Risk		
						Allowance	2027 - Qre4, 2022 [Qr 1, 2023 [Qr 2, 2023 [Qr 3, 2022 [Qr 4, 2022 [Qr 1, 2024 [Qr 3, 2022 [Qr 4, 2022 [Qr 4, 2023 [Qr 4, 2025	
06	Block 7 (2-wheeled & 4-wheeled driving ground) ( 11Nos.of MiC)	26 d	Sat 19/10/24	Wed 13/11/24		-	Black T (Grehecical & Grehecical & Grehecical (TDos.) Mich)	
07	Block 8 (Gas Filling Station) (10Nos.of MiC)	30 d	Fri 15/11/24	Sat 14/12/24	675 d		and a four structure (our structure) and a structure (or structure)	
18	Block 9 (4-wheeled driving ground) (5Nos.of MiC)	40 d	Sat 9/11/24	Wed 18/12/24	-		Telef. # (4-wheelsd Infying ground) (5 Ne-Lot Mich	
39	Fuel filling Station	260 d	Fri 12/1/24	Fri 27/9/24	760 d	-	Fuel Titled Shifes	
10	Underground fuel tank	120 d	Fri 12/1/24	Fri 10/5/24	753 d	0 d	Independent for the provide for the part	
11	Backfilling and G/F slab	80 d	Sat 11/5/24	Mon 29/7/24	753 d	0 d		
112	Fuel station superstructure	60 d	Tue 30/7/24	Fri 27/9/24	753 d	0 d	The state of the s	
13	TTF Block 1-4	314 d	Fri 22/12/23	Wed 30/10/24	727 d	-		
14	Block 1 (Admin Block)	263 d	Sat 10/2/24	Tue 29/10/24	728 d			
15	G/F	110 d	Sat 10/2/24	Wed 29/5/24	0 d			
116	1/F	63 d	Thu 23/5/24	Wed 24/7/24	0 d	0 d		
117	2/F	39 d	Fri 19/7/24	Mon 26/8/24	754 d	0 d		
118	R/F	27 d	Sun 22/9/24	Fri 18/10/24	721 d	0 d		
419	TR/F	18 d	Sat 12/10/24	Tue 29/10/24	721 d	0 d		
420	Block 2 (Arcade and Residential Mock Bldg.)	309 d	Fri 22/12/23	Fri 25/10/24	732 d		Provide a start of the start of	
421	G/F	142 d	Fri 22/12/23	Sat 11/5/24	0 d			
422	1/F	73 d	Sun 5/5/24	Tue 16/7/24	0 d	0 d		
423	2/F	30 d	Wed 10/7/24	Thu 8/8/24	0 d	0 d		
424	R/F	39.7 d	Thu 25/7/24	Sat 7/9/24	762 d	0 d		
425	TR/F	18 d	Tue 8/10/24	Fri 25/10/24	725 d	0 d		
426	Block 3 (MOE Bldg.)	273 d	Wed 17/1/24	Tue 15/10/24	742 d	0 u		
1427	G/F	135 d	Wed 17/1/24 Wed 17/1/24	Thu 30/5/24	0 d	-		
1428	1/F	70 d	Fri 24/5/24	Thu 1/8/24	7.5 d	0 d		
429	R/F	35 d	Sat 20/7/24	Fri 23/8/24	774 d	0 d		
430	TR/F	21 d			735 d	0 d		
431		21 d 268 d	Wed 25/9/24	Tue 15/10/24		0 U	Rectar Damage State States	
432	Block 4 (Marine Mock Bldg.)		Tue 6/2/24	Wed 30/10/24				
1433	G/F	131 d	Tue 6/2/24	Sat 15/6/24	0 d			
435	1/F	28 d	Sun 9/6/24	Sat 6/7/24	0 d	0 d		
1435	2/F	38 d	Thu 25/7/24	Sat 31/8/24	752 d	0 d		
1435	R/F	21 d	Tue 3/9/21	Mon 23/9/24	713 d	0 d		
	TR/F	21 d	Thu 10/10/24	Wed 30/10/24		0 d		
-	Completion of Superstructure of Section 1	0 d	Sat 15/3/25	Sat 15/3/25	584 d	0 d	Completion of Spentructure of Section 1	
	ection 2 Works	294 d	Tue 24/12/24	Mon 13/10/25			Action 7 Works	
1439	Baffle Range	294 d	Tue 24/12/24	Mon 13/10/25	-		Rufie Runge	
1440	300m Baffle Range	235 d	Tue 24/12/24	Mon 13/10/25			Mym Beffie Range	
1441	Installation of precast fence wall	120 d	Tue 24/12/24	Tue 27/5/25	267 d	0 d	fastalistics of protect three wall	
1442	Instilation of precast baffle	120 d	Thu 22/5/25	Mon 13/10/25	307 d	0 d	Institution of process hulling	
443	Baffle Range Ancillary Structure	90 d	Mon 24/2/25	Fri 13/6/25	267 d	0 d	Buffle Range / Acflagy Smuture	
1444	Completion of 300m baffle range	0 d	Fri 13/6/25	Fri 13/6/25	267 d	0 d	Georgietion of KDup bothe maps	
445	25m Baffle Range	30 d	Sat 14/6/25	Mon 21/7/25	267 d	0 d	<sup>2</sup> → 2 <sup>5</sup> m-8atha Resp.	
445	Helipad	45 d	Tue 22/7/25	Thu 11/9/25	267 d	0 d		
447	SOTF Block 1-4	143 d	Wed 19/3/25	Fri 8/8/25	255 d		I SOTE Black 1-4	
1448	Block 1 (Admin, School & MTR Mock Block)	109 d	Wed 19/3/25	Sat 5/7/25	255 d		Let a start a sta	
1449	1/F	30 d	Wed 19/3/25	Fri 25/4/25	209 d	0 d		
1450	2/F	20 d	Thu 24/4/25	Sat 17/5/25	209 d	0 d		
1451	R/F	24 d	Thu 15/5/25	Thu 12/6/25	209 d	0 d		
452	TR/F	20 d	Wed 11/6/25	Sat 5/7/25	209 d	0 d		
1453	Block 2 (Hotel Mock Bldg.)	102 d	Wed 2/4/25	Sat 12/7/25	260 d			
454	1/F	24 d	Wed 2/4/25	Sat 3/5/25	213 d	0 d		
455	2/F	20 d	Fri 2/5/25	Mon 26/5/25	213 d	0 d		
456	R/F	24 d	Fri 23/5/25	Fri 20/6/25	213 d	0 d		
457	TR/F	20 d	Thu 19/6/25	Sat 12/7/25	213 d	0 d	- Tran-	
458	Block 3 (Arcade and Residential Mock Bldg.)	102 d	Wed 16/4/25	Sat 26/7/25	370 d		Biock B (Accelerant Residential Mick Bilds)	
459	1/F	24 d	Wed 16/4/25 Wed 16/4/25	Sat 17/5/25	239 d	0 d		
460	2/F	24 d 20 d	Fri 16/5/25	Mon 9/6/25	259 d	0 d		
461	Z/F R/F	20 d 24 d			-			
1462			Fri 6/6/25	Sat 5/7/25	250 d	0 d		
463	TR/F	20 d	Fri 4/7/25	Sat 26/7/25	250 d	0 d	Eloc 4 Airon Mock Bldg.	
1465	Block 4 (Airport Mock Bldg.)	96 d	Mon 5/5/25	Fri 8/8/25	362 d			
	1/F	24 d	Mon 5/5/25	Mon 2/6/25	239 d	0 d		
465	2/F	20 d	Sat 31/5/25	Tue 24/6/25	239 d	0 d		
1466	R/F	24 d	Fri 20/6/25	Fri 18/7/25	239 d	0 d		
	Baselin: Milestone 🔷 Miles	sione	•	Manual Task			Start-only Path Driving Producessor Milestone Task I	
MI =	中國連察聯營 Baseline Summary L Sum	nary		Duration-only			Finish-only Path Driving Producessor Summary Task	
	HINA STATE JOINT VENTURE Task	ive Milestone		Manual Summary Rollup			External Tasks O Puth Driving Prodecessor Normal Task	
_	Critical Task	ive Summary				1.1	External Milescore Baseline	

# Layout Plan with major construction activities





## Proactive Environmental Protection Proforma

#### Design and Construction of Kong Nga Po Police Training Facilities Proactive Environmental Protection Proforma

Ref\* **Recommended Mitigation Measures** Proposed Location/Working Anticipated Major Construction Period Impacts Method Use of regular water spraying (once every 1.25 hours or 8 EIA 3.9.1; Open Kong Nga Po Site Dust impact from • cut EM&A Log 2.2 times per day) at all active works area exposed site surfaces excavation excavation activities and earth and unpaved roads, particularly during dry weather moving Deploy water bowser for regular water spraying to enhance . dust suppression Manual water spraying for dusty operation where inaccessible • by water bowser Speed control of site transportation Stockpile of dusty materials will be covered by tarpaulin • sheets to avoid wind-blown dust 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 ٠ wheel of all vehicles before leaving the site EIA 4.4.6; Noise Control Regular inspection and maintenance of plant & equipment in ٠ good condition EM&A Log 3.2

Working Period: Apr to Jun 2025

EIA 5.6.1.2; EM&A Log 4.2	Re	/orking in estricted Hours /ater Pollution ontrol	<ul> <li>Enclose the noisy part of machineries with noise enclosure</li> <li>Adopt of Quality Powered Mechanical Equipment (QPME) if possible</li> <li>Valid construction noise permit should be obtained and displayed on site</li> <li>In case of non-compliance with the construction noise criteria, more frequent monitoring and action should be carried out</li> <li>Cover the stockpiles of construction materials to reduce the potential for water pollution</li> <li>Provide wastewater treatment facilities prior to discharge of wastewater</li> <li>Regular inspection and maintenance of wastewater treatment facilities</li> <li>Wastewater pumped out of the excavation areas will be treated to remove suspended solids prior to discharge</li> <li>Hard paving or well-compact of main haul road to minimize washout of soil</li> <li>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.</li> </ul>
EIA 7.5.1.1 &	W	laste Generation	• Training of site personnel in proper waste management and

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

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

EIA 7.5.1.1 &	Waste Generation	<ul> <li>Provide wastewater treatment facilities prior to discharge of wastewater</li> <li>Regular inspection and maintenance of wastewater treatment facilities</li> <li>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.</li> <li>Training of site personnel in proper waste management and</li> </ul>
7.5.1.2;		chemical handling procedures
EM&A Log 6.2		<ul> <li>Proper storage and sorting of excavated inert materials to maximize on site reuse for backfilling</li> </ul>
		<ul> <li>Surplus inert C&amp;D materials will be disposed of at designated</li> </ul>
		Government's PFRF.
EIA 7.5.1.4;	Chemical Waste	Chemical waste should be stored at chemical waste container
EM&A Log 6.2		and collected by a licensed collector to transport and dispose
		of at the approved Chemical Waste Treatment Centre
		Drip tray and chemical spillage kit will be provided on site
EIA 9.7.1 and	Ecology Concern	Provide training to frontline workers for the conservative
EM&A Log 8.3		species
		Provision of protective fence for the conservative species
		Regular inspection for concerned vegetation and conservative

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

EIA 5.6.1.2; EM&A Log 4.2			Water Pollution Control	<ul> <li>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.</li> <li>Designated location for residual concrete washout</li> <li>Provide wastewater treatment facilities prior to discharge of wastewater</li> </ul>
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	<ul> <li>Provide training to frontline workers for the conservative species</li> <li>Provision of protective fence for the conservative species</li> <li>Regular inspection for concerned vegetation and conservative species</li> </ul>
EIA Table 10.11;			Landscape and	Preservation of existing trees will be undertaken in
EM&A Table 9.1			Visual Impact	<ul> <li>accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement</li> <li>Implement temporary traffic arrangement which control construction area to minimize landscape and visual impacts</li> </ul>
EIA 3.9.1;	Construction	Kong Nga Po Site	Air	Regular inspection and maintenance of plant and equipment
EM&A Log 2.2	of substructure			in good condition
	and			Regularly clean up stockpiles and debris to avoid

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

EIA 7.5.1.1; EM&A Log 6.2			Waste Management	<ul> <li>Cover stockpiles of C&amp;D materials by impervious sheets to avoid wind-blown dust.</li> <li>Spray water on all dusty materials including C&amp;D materials immediately prior to any loading transfer operation</li> <li>Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal</li> </ul>
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	<ul> <li>Provide training to frontline workers for the conservative species</li> <li>Provision of protective fence for the conservative species</li> <li>Regular inspection for concerned vegetation and conservative species</li> </ul>
EIA Table 10.11;			Landscape and	Preservation of existing trees will be undertaken in
EM&A Table 9.1			Visual Impact	<ul> <li>accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement</li> <li>Implement temporary traffic arrangement which control construction area to minimize landscape and visual impacts</li> </ul>
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

		<ul> <li>Water spraying during loading and unloading of excavated materials</li> <li>Regularly clean up stockpiles and debris to avoid accumulation of materials</li> <li>Dusty materials exceeding 20 bags shall be stored in area sheltered on top and the three sides or covered entirely by impervious sheeting.</li> </ul>
EIA 4.4.6;	Noise Control	Regular inspection and maintenance of plant & equipment in
EM&A Log 3.2		good condition
		Adopt of Quality Powered Mechanical Equipment (QPME) if
		possible
	Working in	Valid construction noise permit should be obtained and
	Restricted Hours	displayed on site
		• In case of non-compliance with the construction noise criteria,
		more frequent monitoring and action should be carried out
EIA 5.6.1.2;	Water Pollution	Cover the stockpiles of construction materials to reduce the
EM&A Log 4.2	Control	potential for water pollution
		• Provide wastewater treatment facilities prior to discharge of
		wastewater
		• 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	<ul> <li>avoid wind-blown dust.</li> <li>Spray water on all dusty materials including C&amp;D materials immediately prior to any loading transfer operation</li> <li>Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal</li> </ul>
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	<ul> <li>Preservation of existing trees will be undertaken in accordance with DEVB TC(W) 7/2015 and Guidelines for Tree Risk Assessment and Management Arrangement</li> <li>Implement temporary traffic arrangement which control construction area to minimize landscape and visual impacts</li> </ul>
EIA 3.9.1; EM&A Log 2.2	Backfilling	Kong Nga Po Site	Air	<ul> <li>Deploy water bowser for regular water spraying to enhance dust suppression</li> <li>Manual water spraying for dusty operation where inaccessible by water bowser</li> <li>Speed control of site transportation</li> <li>Stockpile of dusty materials will be covered by tarpaulin sheets to avoid wind-blown dust</li> <li>Vehicles used for transporting dusty materials/spoils will be covered by mechanical cover before leaving the site</li> </ul>

		Wheel washing facilities will be provided and cleaning the wheel of all vehicles before leaving the site
EIA 4.4.6;	Noise Control	Regular inspection and maintenance of plant & equipment in
EM&A Log 3.2		good condition
		Enclose the noisy part of machineries with noise enclosure
		Adopt of Quality Powered Mechanical Equipment (QPME) if
		possible
	Working in	Valid construction noise permit should be obtained and
	Restricted Hours	displayed on site
		• In case of non-compliance with the construction noise criteria,
		more frequent monitoring and action should be carried out
EIA 5.6.1.2;	Water Pollution	Cover the stockpiles of construction materials to reduce the
EM&A Log 4.2	Control	potential for water pollution
		• Provide wastewater treatment facilities prior to discharge of
		wastewater
		Regular inspection and maintenance of wastewater treatment
		facilities
		• Wastewater pumped out of the excavation areas will be
		treated to remove suspended solids prior to discharge
		• Hard paving or well-compact of main haul road to minimize
		washout of soil
		• 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; EM&A Log 6.2	Waste Generation	<ul> <li>Training of site personnel in proper waste management and chemical handling procedures</li> <li>Proper storage and sorting of excavated inert materials to maximize on site reuse for backfilling</li> <li>Surplus inert C&amp;D materials will be disposed of at designated Government's PFRF or reuse at other contracts.</li> </ul>

\*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 <u>Proactive Environmental Protection Proforma</u>

#### Working Period: April 2025

## Proactive Environmental Protection Protorma

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	<ul> <li>Manual water spraying for dust suppression</li> <li>Regular inspection and maintenance of plant and equipment in good condition</li> <li>Cover stockpile with impervious sheets or grout</li> <li>Provide wheel washing facility at site entrance</li> </ul>	By subcontractor at KNP site

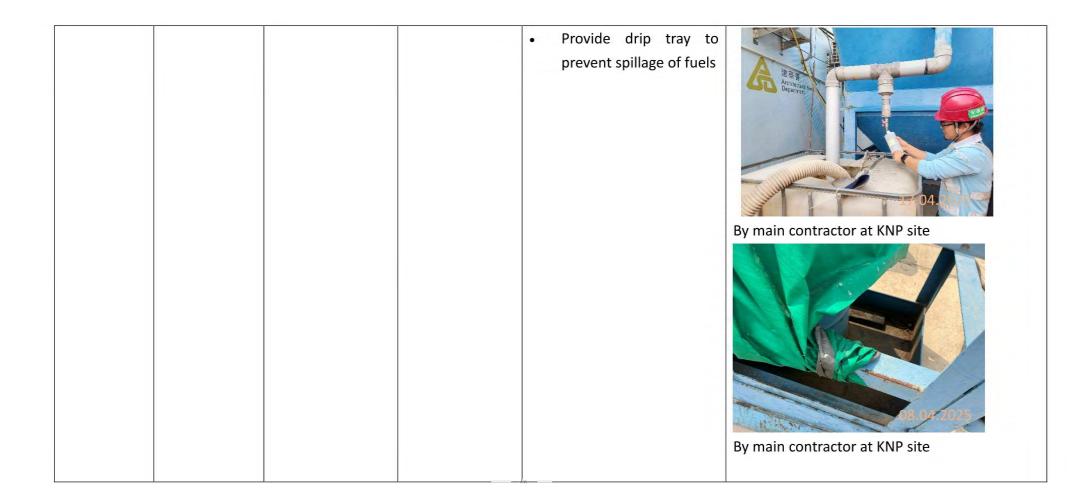


Valid construction noise     permit should be     By     displayed at site     entrance.      By
--

EIA 9.7.1 and EM&A Log 8.3	Ecology Concern	<ul> <li>workers about the conservative species</li> <li>Provision of protective fence for the conservative species</li> <li>Regular inspection for concerned vegetation and conservative species</li> </ul>	<image/> <caption></caption>
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IA 3.9.1;	Soil Removal	Kong Nga Po Site	Air	Deploy water bowser	
M&A Log				for regular water	
.2				spraying to enhance	
				dust suppression	
				Cover dusty materials	
				with impervious sheets	
				Exposed slopes covered	
				with waterproof layers	
				such as tarpaulin sheets	
				or grout to reduce the	
				potential for sediment By main contractor at KNP sit	e
				laden runoff entering	
				the drainage system.	
				The speed of the trucks	
				within the site should be	ka
				controlled to about	
				10km/hour in order to	
				reduce adverse dust	Constant of the second
				impacts and secure the	04.2025
				safe movement around By subcontractor at KNP site	-
				the site.	

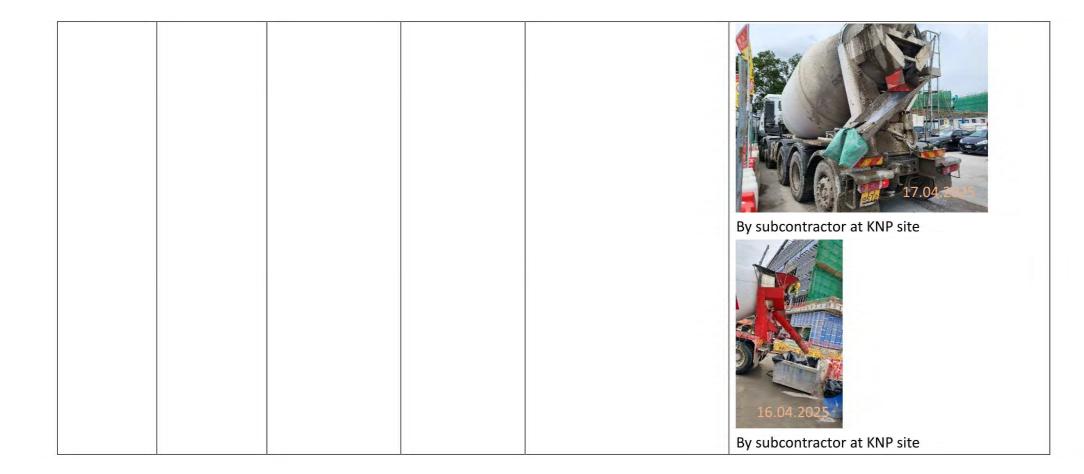
EIA 4.4.6; EM&A Log 3.2	Noise	<ul> <li>Regular inspection and maintenance of plant &amp; equipment in good condition</li> <li>Deploy Quality Powered Mechanical Equipment (QPME) if possible</li> <li>By main contractor at KNP site</li> </ul>
EIA 5.6.1.2 and EM&A Log 4.2	Water Quality	<ul> <li>Cover exposed slopes with impervious sheets or cement grout.</li> <li>Wastewater pumped out of the excavation areas shall be treated to remove suspended solid prior to discharge.</li> <li>Provide desilting/ sedimentation devices for wastewater treatment prior to discharge.</li> </ul>



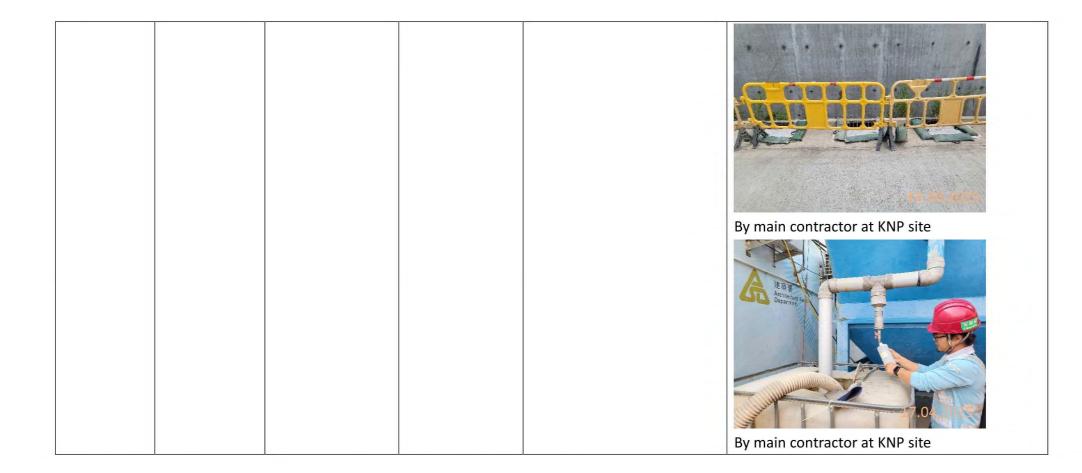
EIA Table 10.11; EM&A Table 9.1	Landscape and Visual Impact	<ul> <li>trees will be undertaken</li> <li>in accordance with</li> <li>DEVB TC(W) 7/2015 and</li> <li>Guidelines for Tree Risk</li> <li>Assessment and</li> <li>Management</li> <li>Arrangement</li> <li>Implement temporary</li> <li>traffic arrangement</li> <li>which control</li> <li>construction area to</li> <li>minimize landscape and</li> <li>visual impacts</li> </ul>	Figure 1   Specific and the set of
		<ul> <li>Minimize visual impact during construction stage. Site office not visually prominent from public room and surrounding</li> <li>Planting will take place as soon the planting area is installed with</li> </ul>	By main contractor at KNP site

			<ul><li>subsoil drainage</li><li>Decorative hoarding is provided</li></ul>
EIA 3.9.1; EM&A Log 2.2	Kong Nga Po Site	Air	<ul> <li>Cover dusty materials with impervious sheets</li> <li>Exposed slopes covered with waterproof layers such as tarpaulin sheets or grout to reduce the potential for sediment laden runoff entering the drainage system.</li> <li>Provide wheel washing facility at site entrance</li> <li>By main contractor at KNP site</li> <li>Support to the drainage system.</li> <li>Provide wheel washing facility at site entrance</li> </ul>

EIA 4.4.6; EM&A Log 3.2	Noise	<ul> <li>Valid construction noise permit should be obtained and displayed on site</li> </ul>	Fighting and a contractor at KNP site
EIA 5.6.1.3 and EM&A Log 4.2	Water Quality	<ul> <li>Surface water from concrete batching areas and the rest of the site should be separated as far as possible.</li> <li>Temporary drainage is free of obstruction.</li> <li>Gullies are sealed to prevent silt or debris from entering the drainage system.</li> </ul>	With the second seco







EIA 7.5.1.2	Waste • Segreg	gation and storage
and EM&A	Management of dif	fferent types of
Log 6.2	waste	in different
	contair	ners or skips or
	stockp	viles to enhance
	reuse	or recycling of
	materi	ials and their
	proper	r disposal 24.04.2025
	• Sort	non-inert C&D By main contractor at KNP site
	materi	ials to recover any
	recycla	able portions

APPENDIX B ACTION AND LIMIT LEVELS

#### Appendix B - Action and Limit Levels

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

M	lonitoring station	Action Level (ug/m <sup>3</sup> )	Limit Level (ug/m <sup>3</sup> )
	AM1	308	500
	AM2	311	500

#### Table B-2 Action and Limit Levels for Construction Noise

Time Period	Action Level	Limit Level
0700-1900 hours on normal weekdays	When one documented 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 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. ATS24-012-CC011

Customer:	Urban Green Consultants Limited								
	23/F., Wui Tat Centre, 55 Connaught Road West, Sheung Wan,								
	Hong Kong								
Unit-under-test (UUT):			0						
Description:	Sound Analyzer	,	Microphone	1	Pre-amplifier				
Manufacturer: Type No.:	NTi Audio XL2	1	ACO Pacific 7052	,	NTi Audio MA220				
		,		3					
Serial No.:	A2A-22051-F0	,	86032	,	11430				
Conditions during calibra	tion:								
Temperature:	25°C								
Relative Humidity:	65%								
Test Specifications:	Calibration Check								
Date of calibration:	06 June 2024								
Test Results:	All calibration points	s are	within manufact	urer's	specification.				



Issue Date: 07 June 2024

Callbration Information: Calibration Day: 06 June 2024 Due Day: 05 June 2025

Cert. No.: ATS24-012-CC011



- 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 2023
Certificate No.:	2GB23016420-0001

The calibration equipment used for calibration is traceable to National Standards via China Ceprei Laboratory Calibration & Testing Centre.

3. The sensitivity of the microphone has been adjusted by the calibration function of the Sound Analyzer (calibrated as 94.0dB at 1000Hz) before the calibration. And the adjusted sensitivity was recorded.

Initial Microphone Sensitivity (mV/Pa)	21.2
Adjusted Microphone Sensitivity (mV/Pa)	20.6

- 4. The Sound Analyzer has been calibrated in accordance with the requirements as specified in IEC 61672-1 Class 1, and vendor specific procedures.
- 5. 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.



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

#### 6. Calibration Results

#### 6.1 Sound Pressure Level

#### Reference Sound Pressure Level

Setting of unit-under-test (UUT)			Applied value		UUT	IEC 61672-1 Class 1	
Range, dB	Parameter	Time Weighting	Level, dB	Frequency, Hz	Reading, dB Tolerance Limits, dB C		Conclusion
30-130	dBA SPL	Fast	94.0	1000	94.0	± 0.7	PASS

#### Linearity

Setting of	of unit-under-t	est (UUT)	Applie	ed value	UUT	IEC 61672-1 Class 1 Tolerance Limits, dB	Conclusion
Range, dB	Parameter	Time Weighting	Level, dB	Frequency, Hz	Reading, dB		
30-130 dBA SPL		- Fast	94.0		94.0	± 0.7	PASS
	dBA SPL		104.0	1000	104.0	± 0.7	PASS
	114.0			114.0	± 0.7	PASS	

# Time Weighting

Setting of unit-under-t		nit-under-test (UUT)		Applied value		IEC 61672-1 Class 1	Sec
Range, dB	Parameter	Time Weighting	Level, dB	Frequency, Hz	UUT Reading, dB	Tolerance Limits, dB	Conclusion
20,420		Fast	04.0	1000	94.0	± 0.7	PASS
30-130 dBA \$	aba SPL	dBA SPL Slow	94.0	1000 -	94.0	± 0.7	PASS



mmmmmmm

# 一聲學測試服務有限公司 Manuta 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

### 6.2 Frequency Response

#### A-weighting:

Setting o	f unit-under-f	test (UUT)	Applied value		UUT Reading,	IEC 61672-1 Class 1											
Range, dB	Parameter	Time Weighting	Level, dB	Frequency, Hz	dB	Tolerance Limits, dB	Conclusion										
			54.6	31.5	54.8	± 1.5	PASS										
			67.8	63	68.0	± 1.0	PASS										
			77.9	125	78.3	± 1.0	PASS										
			85.4	250	85.5	± 1.0	PASS										
30-130	SPL	Fast	90.8	500	90.8	± 1.0	PASS										
													94.0	1000	94.0	± 0.7	PASS
			95.2	2000	95.1	± 1.0	PASS										
			95.0	4000	94.4	± 1.0	PASS										
			92.9	8000	90.9	+1.5; -2.5	PASS										

#### C-weighting:

Setting of unit-under-test (UUT)		est (UUT)	Applied value		UUT Reading,	IEC 61672-1 Class 1	1
Range, dB	Parameter	Time Weighting	Level, dB	Frequency, Hz	dB	Tolerance Limits, dB	Conclusion
		91.0	31.5	91.3	± 1.5	PASS	
			93.2	63	93.4	± 1.0	PASS
		SPL Fast	93.8	125	94.0	± 1.0	PASS
			94.0	250	94.1	± 1.0	PASS
30-130	SPL		94.0	500	94.1	± 1.0	PASS
			94.0	1000	94.0	± 0.7	PASS
			93.8	2000	93.7	± 1.0	PASS
			93.2	4000	92.6	± 1.0	PASS
			91.0	8000	89.0	+1.5; -2.5	PASS

#### Linear:

Setting of unit-under-test (UUT)		Applied value		UUT Reading,	IEC 61672-1 Class 1		
Range, dB	Parameter	Time Weighting	Level, dB	Frequency, Hz	dB	Tolerance Limits, dB	Conclusion
			31.5	94.3	± 1.5	PASS	
				63	94.2	± 1.0	PASS
	SPL		94.0	125	94.1	± 1.0	PASS
		1.1		250	94.1	± 1.0	PASS
30-130		Fast		500	94.1	± 1.0	PASS
				1000	94.0	± 0.7	PASS
				2000	93.9	± 1.0	PASS
				4000	93.5	± 1.0	PASS
			1	8000	91.9	+1.5; -2.5	PASS

All calibration points are within manufacturer's specification.





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

<b>Ka Shing Facilities Management Limited</b> Flat C, 14/F., Jing Ho Industrial Building, 78-84 Wing Lung Street, Tsuen Wan,										
					N.T., Hong Kong					
Sound Analyzer	, Microphone	, Pre-amplifie								
Rion	See									
NL-53	, UC-59	, NH-25								
01130782	, 24906	, 33673								
tion:										
23°C										
65%										
Calibration Check	3	//								
23 January 2025	10	/								
All calibration points are within manufacturer's specification.										
	Flat C, 14/F., Jing H 78-84 Wing Lung S N.T., Hong Kong Sound Analyzer Rion NL-53 01130782 tion: 23°C 65% Calibration Check 23 January 2025	Flat C, 14/F., Jing Ho Industrial Building, 78-84 Wing Lung Street, Tsuen Wan, N.T., Hong Kong Sound Analyzer , Microphone Rion NL-53 , UC-59 01130782 , 24906 tion: 23°C 65% Calibration Check 23 January 2025								

Certified by: Mr. Ching Mau LAM / Quality Manager MIOA, MHKIOA

Issue Date: 24 January 2025

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 Fax: (852) 2690 9125 http://www.ATSL.com.hk Tel: (852) 2690 9126 E-mail: info@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	IEC 61672-1 Class 1				
Range, dB	Parameter	Frequency Weighting	Response	Level, dB	Frequ <mark>ency</mark> , Hz	Reading, dB	Tolerance Limits, dB	Conclusion	
30-130 SPL -		F		1	94.0	± 0.7	PASS		
		А	S	94.00	_	94.0	± 0.7	PASS	
			- I.				94.0	± 0.7	PASS
		1	F			94.0	± 0.7	PASS	
		С	S		1000	94.0	± 0.7	PASS	
		· · · · · · · · · · · · · · · · · · ·	1				94.0	± 0.7	PASS
	L	F	-			94.0	± 0.7	PASS	
		S				94.0	± 0.7	PASS	
		I			94.0	± 0.7	PASS		
		А	F	114.00		114.0	± 0.7	PASS	
			S		) 1000	114.0	± 0.7	PASS	
			I			114.0	± 0.7	PASS	

All calibration points are within manufacturer's specification.

Certificate No.: ATS25-008-CC001





# **Certificate of Calibration**

Certificate No. ATS24-112-CC001

Customer:	Ka Shing Facilities Management Limited		
	Flat C, 14/F., Jing Ho Industrial Building,		
	78-84 Wing Lung Street, Tsuen Wan,		
	N.T., Hong Kong		
Unit-under-test (UUT):			
Description:	Sound Calibrator		
Manufacturer:	SoundTEK		
Type No.: ST-120			
Serial No.:	210102628		
Conditions during calibra	tion:		
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.		
	X * //		

Certified by: Mr. Ching Mau LAM / Quality Manager MIOA, MHKIOA

Issue Date: 11 November 2024

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

- 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	Measured value	IEC 60942 Class 1 Tolerance Limits	Conclusion	Expanded Measurement Uncertainty of Reference Microphone B&K 4189 at 1000 Hz
dB	dB	dB		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.



## High Precision Chemical Testing Ltd.

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk



Report No. : Application No. :		0657 Issue Date : 24 Apr 2024 200516			
Certificate of Calibration					
Applicant	:	Flat C, 14/ F, Jing Ho Ind 78-84 Wang Lung Street	Ka Shing Facility Management Limited Flat C, 14/ F, Jing Ho Industrial Building, 78-84 Wang Lung Street, Fsuen Wan, N.T., Hong Kong		
Sample Description	:	Submitted equipment st	tated to be Integrating So	und Level Meter.	
		Manufacturer: :	BSWA Technology		
		Other information :	Model No.	BSWA 308	
			Serial No.	610062	
			Microphone No.	610373	
Date Received	:	16 Apr 2024			
Test Period	:	23 Apr 2024 to 23 Apr 2024			
Test Requested	:	Performance checking for Sound Level Meter			
Test Method	:	According to manufacturer instruction manual and internal method.			
Test conditions	:	Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70%			
Test Result	:	Refer to the test result(s) on page 2.			

#### Remark : 1. Information of the sample description provided by the Applicant.

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

For and on behalf of HIGH PRECISION CHEMICAL TESTING LIMITED

Lee Wai Kit Laboratory Manager

#### High Precision Chemical Testing Ltd.

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

:

:



Issue Date : 24 Apr 2024

Report No.:00657Application No.:HP00516

# **Certificate of Calibration**

Measuring equipment

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

Date of Calibration	:	23 Apr 2024
Date of Recommended Re-Calibration	:	23 Apr 2025

Test Result

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

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

2. The indication value was obtained from the average of ten replicated measurement.

- End of report -

# **Equipment Verification Report (TSP)**

#### **Equipment Calibrated:**

Туре:	Laser Dust monitor
Manufacturer:	Met One Aerocet 831
Serial No.	D12641
Equipment Ref:	NA
Work Order:	HK2511103

#### **Standard Equipment:**

Higher Volume Sampler (TSP)
AUES office (calibration room)
HVS 018
12 February 2025

#### Equipment Verification Results:

Verification Date:

24 March 2025

Hour	Time	Mean Temp °C	Mean Pressure (hPa)	Concentration in ug/m <sup>3</sup> (Standard Equipment)	Concentration in ug/m <sup>3</sup> (Calibrated Equipment)	Tolerance (ug/m <sup>3</sup> )
1hr00min	11:52 ~ 12:52	22.4	1013.4	105.1	92.4	-12.7
1hr00min	12:55 ~ 13:55	22.4	1013.4	86.1	90.9	+4.7
1hr00min	16:02 ~ 17:02	22.4	1013.4	73.0	78.5	+5.5

120

#### Linear Regression of Y or X

Slope (factor):	1.0258 (µg/m3)/CPM	100	
Correlation Coefficient (R)	0.9833	80 -	•
Date of Issue	27 March 2025	60	
		40 -	y = 1.0258x - 1.0694
Remarks:		20	R <sup>2</sup> = 0.9669
1. Strong Correlation (R>0.8)		0	0 20 40 60 80 100

Strong Correlation (R>0.8) 1.

2. Factor 1.0258 (µg/m<sup>3</sup>) /CPM should be applied for TSP monitoring

\*If R<0.5, repair or re-verification is required for the equipment



### TSP SAMPLER CALIBRATION CALCULATION SPREADSHEET

Location : Location I	D :		ion Roo	strial Buildi m - TISCH 260			_	ıpler (N			alibration: 12 tion Date: 12	
						COND	ITIONS					
	Se	a Level I Temp	Pressure erature	. ,	1	1017.2 18.8			Corrected Pressure (mm Hg) Temperature (K)			762.9 292
					CALI	BRATI	ON ORI	FICE				
Make-> TIS Model-> 502 Calibration Date-> 16-De						25A	5A Qstd Intercept -> -0			2.09671 -0.01852 6-Dec-25		
					C	CALIB	RATION					
Plate No.	H20 (L) (in)	H2O (R) (in)	H20 (in)	Qstd (m3/min)		I art)	IC	bé		LINEA		
18 13 10 8 5	5.6 4.5 3.4 2.3 1.2	5.6 4.5 3.4 2.3 1.2	(iii) 11.2 9.0 6.8 4.6 2.4	1.625 1.458 1.268 1.045 0.757	5 4 4 3	nart)         corrected           55         55.69           48         48.60           42         42.52           35         35.44           24         24.30			$\frac{\text{REGRESSION}}{\text{Slope} = 35.3445}$ $\text{Intercept} = -2.1779$ $\text{Corr. coeff.} = 0.9989$			
51.21.22.40.75724Calculations :Qstd = 1/m[Sqrt(H20(Pa/Pstd)(Tstd/Ta))-b]IC = I[Sqrt(Pa/Pstd)(Tstd/Ta)]Qstd = standard flow rateIC = corrected chart responesI = actual chart responsem = calibrator Qstd slopeb = calibrator Qstd interceptTa = actual temperature during calibration ( deg K )Pstd = actual pressure during calibration ( mm Hg )For subsequent calculation of sampler flow:1/m(( I )[Sqrt(298/Tav)(Pav/760)]-b)m = sampler slopeb = sampler intercept					.00 50. .04 .05 .05 .05 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02	00		FLOW RA	ATE CHAR	T	2.000	
I = chart re Tav = dail Pav = dail	y averag	_							Standard Flo			





Certificate of Calibration

Cal. Date:	December	16, 2024	Rootsn	neter S/N:	438320	Ta:	°K	
Operator:	Jim Tisch					749.0	mm Hg	
Calibration	Model #:	TE-5025A	Calib	rator S/N:	4064		-	
		Vol. Init	Vol. Final	ΔVol.	ΔTime	ΔΡ	ΔΗ	1
	Run	(m3)	(m3)	(m3)	(min)	(mm Hg)	(in H2O)	
	1	1	2	1	1.4600	3.2	2.00	
	2	3	4	1	1.0300	6.4	4.00	1
	3	5	6	1	0.9220	8.0	5.00	]
	4	7	8	1	0.8770	8.8	5.50	
	5	9	10	1	0.7250	12.8	8.00	]
			D	ata Tabula	tion			]
	Vstd	Qstd	√∆H( <u>Pa</u> Pstd	)( <u>Tstd</u> )		Qa	$\sqrt{\Delta H(Ta/Pa)}$	
	(m3)	(x-axis)	(y-axi	s)	Va	(x-axis)	(y-axis)	1
	0.9981	0.6836	1.4159		0.9957	0.6820	0.8845	
	0.9938	0.9649	2.0024		0.9915	0.9626	1.2509	1
	0.9917	1.0756	2.2388		0.9893	1.0730	1.3985	
	0.9906	1.1296	2.3480		0.9883	1.1269	1.4668	1
	0.9853	1.3590	2.831		0.9829	1.3557	1.7690	
		m=	2.096		127.1	m=	1.31292	
	QSTD	b=	-0.018		QA	b=	-0.01157	1
		r=	0.999	99		r=	0.99999	
		AN	(D + 11/T + 1/T	Calculation				
			/Pstd)(Tstd/Ta				?)/Pa)	1
	Qstd=	Vstd/∆Time	-			Va/∆Time		4
			For subseque	ent flow rat	te calculation	ns:		1
	Qstd=	1/m (( √∆H(·	Pa <u>Tstd</u> Pstd Ta	)-b)	Qa=	1/m ((√∆H	(Та/Ра))-b)	
	Standard	Conditions						
Tstd	298.15	°K		[		RECAL	IBRATION	
Pstd	the second se	mm Hg			110 554		1 19	
All seller		ey	1120)				nual recalibratio	
	or manomet eter manome						egulations Part	
	bsolute temp		(initial delay		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Reference Meth	
and the second	arometric pr	and the second se	Hg)			the second second second	ended Particulat	
b: intercept					the	e Atmosphe	re, 9.2.17, page	30
m: slope						_		

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

# **Equipment Verification Report (TSP)**

#### **Equipment Calibrated:**

Туре:	Laser Dust monitor
Manufacturer:	Met One Aerocet 831
Serial No.	E11304
Equipment Ref:	NA
Work Order:	HK2505219

#### Standard Equipment:

Standard Equipment:	Higher Volume Sampler (TSP)
Location & Location ID:	AUES office (calibration room)
Equipment Ref:	HVS 018
Last Calibration Date:	12 February 2025

# **Equipment Verification Results:**

Verification Date:

17 February 2025

Hour	Time	Mean Temp °C	Mean Pressure (hPa)	Concentration in ug/m <sup>3</sup> (Standard Equipment)	Concentration in ug/m <sup>3</sup> (Calibrated Equipment)	Tolerance (ug/m <sup>3</sup> )
1hr00min	09:31 ~ 10:31	18.9	1020.6	173.7	178.0	+4.3
1hr00min	11:49 ~ 12:49	18.9	1020.6	108.1	127.6	+19.5
1hr00min	14:05 ~ 15:05	18.9	1020.6	67.5	89.9	+22.4

#### Linear Regression of Y or X

Slope (factor):	0.9586 (µg/m3)/CPM
Correlation Coefficient (R)	0.9893
Date of Issue	20 February 2025

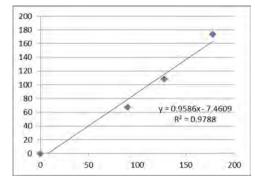
Remarks:

1. **Strong** Correlation (R>0.8)

2. Factor 0.9586 (µg/m<sup>3</sup>) /CPM should be applied for TSP

#### monitoring

\*If R<0.5, repair or re-verification is required for the equipment



Operator :	Martin Li	Signature :	ALP	Date :	20 February 2025
QC Reviewer :	Ben Tam	Signature : _	46	Date :	20 February 2025

# TSP SAMPLER CALIBRATION CALCULATION SPREADSHEET

CONDITIONS			
	d Pressure (mm Hg) 762.9 emperature (K) 292		
CALIBRATION ORIFICE			
Model-> 5025A Qstd In	d Slope ->       2.09671         ntercept ->       -0.01852         iry Date->       16-Dec-25		
CALIBRATION			
Plate     H20 (L)H2O (R)     H20     Qstd     I     IC       No.     (in)     (in)     (m3/min)     (chart)     corrected	LINEAR		
18         5.6         5.6         11.2         1.625         55         55.69           13         4.5         4.5         9.0         1.458         48         48.60         I	$\frac{\text{REGRESSION}}{\text{Slope} = 35.3445}$ $\text{Intercept} = -2.1779$ $\text{Corr. coeff.} = 0.9989$		
Qstd = 1/m[Sqrt(H20(Pa/Pstd)(Tstd/Ta))-b]       60.00         IC = I[Sqrt(Pa/Pstd)(Tstd/Ta)]       50.00         Qstd = standard flow rate       50.00         IC = corrected chart respones       40.00         I = actual chart response       9         m = calibrator Qstd slope       50.00         b = calibrator Qstd intercept       30.00         Ta = actual temperature during calibration ( deg K )       9         Pstd = actual pressure during calibration ( mm Hg )       20.00         For subsequent calculation of sampler flow:       10.00         1/m((I)[Sqrt(298/Tav)(Pav/760)]-b)       10.00         m = sampler slope       0.00       0.500	RATE CHART		



RECALIBRATION DUE DATE: December 16, 2025

onmental Certificate of Calibration

Cal. Date:	Date: December 16, 2024 Rootsm				438320	Ta:	293	°K
	Jim Tisch				10.10.001	Pa: 749.0		mm Hg
		TE EODEA	Calib	Calibrator S/N: 4064			745.0	inin ng
Calibration Model #: TE-5025A				rator S/N:	4004		_	
		Vol. Init	Vol. Final	ΔVol.	ΔTime	ΔΡ	ΔΗ	
	Run	(m3)	(m3)	(m3)	(min)	(mm Hg)	(in H2O)	
	1	1	2	1	1.4600	3.2	2.00	
	2	3	4	1	1.0300	6.4	4.00	1.
	3	5	6	1	0.9220	8.0	5.00	1
1.0	4	7	8	1	0.8770	8.8	5.50	() ()
1.0	5	9	10	1	0.7250	12.8	8.00	
1.1			D	ata Tabulat	tion			
11			[ / Da )	(Total)				
	Vstd	Qstd	√∆H(Pa Pstd	(Tstd) Ta		Qa	√∆H(Ta/Pa)	
1.1	(m3)	(x-axis)	(y-axis		Va	(x-axis)	(y-axis)	
	0.9981	0.6836	1.415		0.9957	0.6820	0.8845	
1.4	0.9938	0.9649	2.002		0.9915	0.9626	1.2509	
11	0.9917	1.0756	2.238	8	0.9893	1.0730	1.3985	
1.1	0.9906	1.1296	2.348	0	0.9883	1.1269	1.4668	
	0.9853	1.3590	2.831	8	0.9829	1.3557	1.7690	
1.1	1000	m=	2.0967	71	1232	m=	1.31292	1.000
1.14	QSTD	b=	-0.018		QA	b=	-0.01157	1.11
	22.4.2.2.2	r=	0.9999	99		r=	0.99999	
1	1			Calculation	IS			
	Vstd=	ΔVol((Pa-ΔP)	/Pstd)(Tstd/Ta)			ΔVol((Pa-ΔI	P)/Pa)	
1.1	Qstd=	Vstd/∆Time			Qa=	Va/ATime		
	1		For subseque	ent flow rat	e calculation	ns:		
	Qstd=	1/m (( \\ \ \ \ \ \ \ H (	Pa (Tstd Pstd (Ta )	)-b)	$Qa = 1/m\left(\left(\sqrt{\Delta H(Ta/Pa)}\right) - b\right)$			
	Standard	Conditions						
Tstd:	298.15			Г		RECA	LIBRATION	
Pstd:		mm Hg						er el a succeso
		ley					nnual recalibratio	and the second
		er reading (i					Regulations Part 5	
ΔP: rootsme Ta: actual ab			(mm Hg)				Reference Meth	
Pa: actual ba			Hø)		Determination of Suspended Particulate Matter in			
b: intercept	nomenie pi	casure (min	16/		the	e Atmosphe	ere, 9.2.17, page	30
m: slope				L				

Tisch Environmental, Inc.

145 South Miami Avenue

Village of Cleves, OH 45002

<u>www.tisch-env.com</u> TOLL FREE: (877)263-7610 FAX: (513)467-9009 APPENDIX D ENVIRONMENTAL MONITORING SCHEDULES

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

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

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

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1-May	2-May	3-May
						1-hr TSPx3
						(AM1, AM2)
						NM
						(NM9 to NM14)
	5.14			0.11		10.11
4-May	5-May	6-May	7-May	8-May	9-May	10-May
					1-hr TSPx3	
					(AM1, AM2)	
					NM	
					(NM9 to NM14)	
11-May	12-May	13-May	14-May	15-May	16-May	17-May
				1-hr TSPx3		
				(AM1, AM2)		
				NM		
				(NM9 to NM14)		
	19-May	20-May	21-May	22-May	23-May	24-May
			1-hr TSPx3			
			(AM1, AM2)			
			NM			
			(NM9 to NM14)			
25-May	26-May	27-May	28-May	29-May	30-May	31-May
25-May	20-May	1-hr TSPx3	20-May	29-May	30-iviay	31-May
		(AM1, AM2)				
		(AIVI1, AIVI2)				
		NM				
		(NM9  to  NM14)				
		(11117 10 11114)				
			•		•	

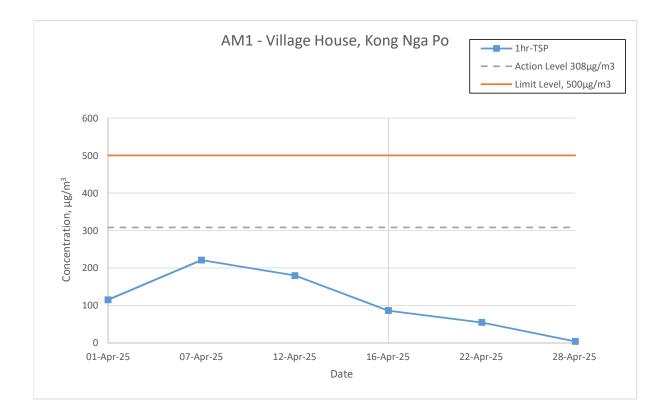
APPENDIX E AIR QUALITY MONITORING RESULTS AND GRAPHICAL PRESENTATION

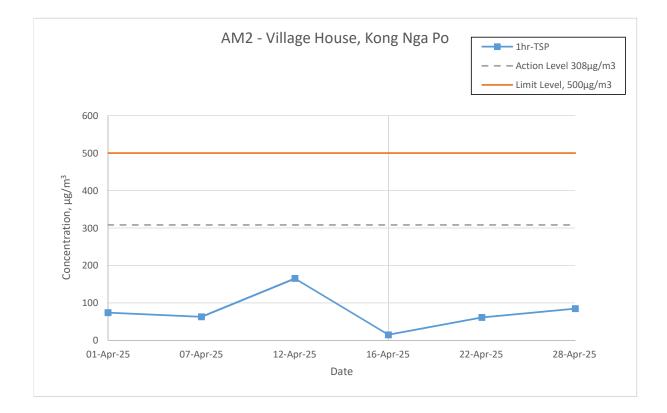
# Appendix E - 1-hour TSP Monitoring Results

Date	Time	Weather	Particulate Concentration (µg/m <sup>3</sup>
	8:12		115
01-Apr-25	9:12	Fine	2
	10:12	7	7
	8:09		221
07-Apr-25	9:09	Fine	189
	10:09		68
	8:14		180
12-Apr-25	9:14	Fine	185
	10:14		145
	13:27	Fine	86
16-Apr-25	14:27		20
	15:27		23
	8:08		55
22-Apr-25	9:08	Fine	43
	10:08		94
	8:17		4
28-Apr-25	9:17	Rainy	1
	10:17		82
		Minimum	1
		Maximum	221
		Average	84

Date	Time	Weather	Particulate Concentration (µg/m <sup>3</sup> )
	13:19		74
01-Apr-25	14:19	Fine	11
	15:19		24
	8:24		63
07-Apr-25	9:24	Fine	109
	10:24		85
	8:33		165
12-Apr-25	9:33	Fine	161
	10:33		167
	8:24	Fine	15
16-Apr-25	9:24		22
	10:24		132
	8:18		61
22-Apr-25	9:18	Fine	32
	10:18		41
	8:15		85
28-Apr-25	9:15	Rainy	77
	10:15		21
		Minimum	11
		Maximum	167
		Average	75

#### 1-hr TSP Concentration Levels





APPENDIX F NOISE MONITORING RESULTS AND GRAPHICAL PRESENTATION

#### Appendix F -Noise Monitoring Results

		House, Kong Nga Wind Speed		Uni	it: dB(A) (5-r	nin)	Average	Limit Level	Baseline
Date	Weather	(m/s)	Time	L <sub>eq</sub>	L <sub>10</sub>	, L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>
				55.5	56.6	46.4		eq	eq
				50.4	53.3	46.2	1		
				51.1	54.0	47.1	1		
01-Apr-25	Fine		8:13	51.8	54.1	46.8	52.2	75.0	55.9
			-	51.0	54.7	46.4	1		
				50.6	52.9	47.3	1		
				60.4	58.8	46.9			
				52.6	54.5	46.9	1		55.9
07-Apr-25			8:13	54.9	58.6	48.3	1		
	Fine			52.6	55.8	48.3	55.3	75.0	
				50.7	52.9	48.1	1		
				51.4	53.5	49.1	1		
		0.08		57.7	55.4	43.8			
				49.7	52.5	44.3	1		
46.4.25			13:04	48.4	49.5	44.7	1 52.0	75.0	0
16-Apr-25	Fine			47.4	49.3	44.5	- 52.0	75.0	55.9
				47.5	49.5	44.3			
				49.8	51.9	47.2	1		
				63.4	64.5	46.3			
				50.6	53.0	43.6	1		
22 4	Fine	0.04	8:08	47.4	50.0	42.3	56.4	75.0	55.9
22-Apr-25	Fine	0.04	8:08	51.3	55.5	44.1	7 50.4	/5.0	55.9
				49.0	50.8	44.3	1		
				47.4	50.4	43.6			
				61.2	58.5	50.9			
				55.4	51.9	50.7			
28-Apr-25	Rainy	0.17	Q·11	51.3	51.7	50.8	59.5	75.0	55.0
20-Ahi-52	Nairiy	0.17	8:11 -	51.4	51.7	51.0		75.0	55.9
				54.9	55.5	50.9			
				64.9	65.4	51.7			

		Wind Speed		Uni	it: dB(A) (5-r	nin)	Average	Limit Level	Baseline
Date	Weather	(m/s)	Time	L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>
				50.9	52.4	44.7			
				49.1	51.4	43.6	1		
01 4 25	<b>5</b>	0.06	0.10	48.9	51.6	43.6	1 []	75.0	52.0
01-Apr-25	Fine		8:19	49.7	52.1	43.7	52.3	75.0	52.8
			-	53.4	57.4	46.8	1		
				56.3	54.1	46.8	1		
		0.32		65.8	65.8	50.9			52.8
				54.7	56.5	50.5	1		
07-Apr-25	Fine		9:05	51.6	53.1	49.8	59.1	75.0	
	TILLE			52.0	53.9	49.7	J 59.1	75.0	
				51.8	53.8	47.7	1		
				54.4	58.5	47.8	1		
		0.61	13:09	54.9	56.6	48.1			
				52.7	55.2	48.1	1		
16-Apr-25	Fine			53.9	55.7	48.1	53.5	75.0	52.8
10-Apr-25	FILLE			50.6	52.2	46.9	33.5	73.0	
				53.6	55.0	49.4			
				53.9	56.1	45.8			
				51.4	52.1	43.8			
				61.6	59.6	43.8	1		
22 Apr 25	Fine	0.08	8:56	50.1	52.6	44.5	55.1	75.0	52.8
22-Apr-25	Fine	0.08	8:50	49.4	52.6	44.3	35.1	75.0	52.8
				49.1	51.7	44.7	1		
				50.4	54.5	43.3	1		
				66.7	68.1	63.6			
				66.6	67.6	65.1	]		
20 Apr 25	Rainy	0.00	0.16	64.8	65.7	56.9	65.3	75.0	520
28-Apr-25	капу	0.00	8:46	65.2	65.8	64.4	05.3	75.0	52.8
				64.8	66.6	61.7	1		
				62.4	63.3	61.0	1		

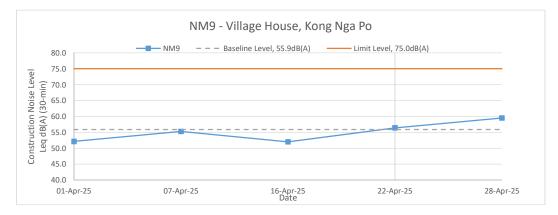
Date	Weather	Wind Speed	Time	Uni	it: dB(A) (5-r	nin)	Average	Limit Level	Baseline
Date	weather	(m/s)	Time	L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>	$L_{eq}$
				57.9	58.6	46.8			
				53.2	55.6	47.2	1		
01-Apr-25	Fine	0.16	8:54	55.6	58.0	49.6	55.3	75.0	46.4
01-Apr-25	Fille		0.54	54.1	56.4	49.7	- 55.5	75.0	40.4
				54.4	56.6	51.0			
				55.1	57.9	50.0	1		
				55.4	54.3	47.0			
		0.08	9:11	50.4	52.5	47.3	1		46.4
07-Apr-25 F	Fine			52.6	54.9	45.8	52.4	75.0	
	Fille			51.1	52.4	44.1	32.4	75.0	40.4
				53.1	53.0	44.1	1		
				49.2	51.6	45.6	1		
				32.8	36.4	20.0			
		0.01		39.0	42.4	20.5	1		
16 Apr 25	Fine		13:16	41.6	36.3	20.9		75.0	46.4
16-Apr-25	Fine			30.1	30.8	19.5	37.1	75.0	40.4
				31.7	33.5	19.7			
				35.7	30.7	18.3			
				55.9	53.1	44.5			
				59.0	57.3	43.1	1		
22-Apr-25	Fine	0.18	9:16	48.8	48.2	42.3	53.9	75.0	46.4
22-Apr-25	Fille	0.18	9.10	49.1	51.9	43.6	33.9	75.0	40.4
				48.1	50.6	44.3	1		
				48.6	50.8	43.2	1		
				61.7	63.6	57.7			
				58.3	59.5	55.9	]		
20 Apr 25	Bainy	0.00	0.40	57.8	59.1	55.1	58.9	75.0	46.4
28-Apr-25	Rainy	0.00	8:48 -	58.8	60.4	56.3	<sup>58.9</sup> [	75.0	
				57.8	59.2	56.3	1		
				57.4	58.1	55.0	1		

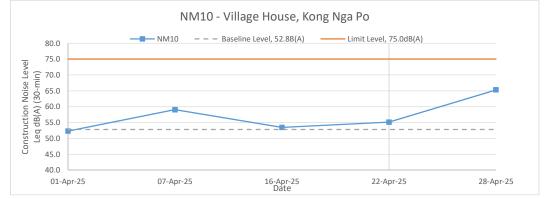
Location NM		Wind Speed	Í	Lini	it: dB(A) (5-r	nin)		Limit Level	Baseline
Date	Weather		Time						
		(m/s)		L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>
				51.8	50.4	40.4	4		
				50.2	54.8	40.6	4		
01-Apr-25	Fine	0.00	9:57	43.8	46.3	39.5	49.8	75.0	54.7
•			-	53.4	55.8	40.8	4		
				46.6	50.6	40.9	4		
				45.4	47.6	41.0			
				50.8	54.1	40.9			54.7
		0.00	8:25	55.5	56.3	42.0			
07-Apr-25	Fine			50.3	53.3	42.7	53.0	75.0	
	THIC			50.7	53.6	41.3	55.0	75.0	
				52.5	56.2	41.8			
				55.1	56.8	43.4			
		0.00		61.9	58.7	41.2			
				57.7	58.6	41.1			
16 Apr 25	Fine		14:09	60.7	56.6	41.0	58.1	75.0	54.7
16-Apr-25	Fille			51.9	55.5	39.7	- 58.1	73.0	54.7
				52.7	56.2	39.7			
				52.8	57.5	40.3			
				52.1	54.8	41.5			
				47.9	48.0	39.8	1		
22 4 25	<b>5</b> 100	0.00	0.10	47.3	50.1	41.0		75.0	<b>F 4 7</b>
22-Apr-25	Fine	0.00	8:18	47.6	50.3	40.6	50.4	75.0	54.7
				53.9	52.0	36.4	1		
				48.8	50.4	36.9	1		
				55.7	52.0	48.4			
				51.8	52.5	48.5	1		
				57.5	53.0	49.8	1	75.0	
28-Apr-25	Rainy	0.14	8:03	56.6	52.1	49.9	55.1	75.0	54.7
				52.7	52.9	52.0	1		
				53.3	53.6	51.9	1		

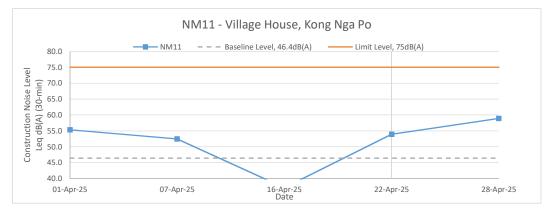
Date	Weather	Wind Speed (m/s)	Time	Uni	it: dB(A) (5-r	nin)	Average	Limit Level	Baseline
		(, .,		L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>	$L_{eq}$
				56.4	54.3	50.1			
		0.01		52.8	53.5	51.7			
01-Apr-25	Fine		8:59	52.6	53.5	51.5	54.8	75.0	61.3
01-Api-25	Time		0.55	52.8	53.4	51.5	54.0	75.0	01.5
				55.7	59.0	51.4			
				56.6	59.0	52.1			
		0.05	9:48	57.6	58.8	48.4			
				54.1	57.0	49.7			
07-Apr-25	Fine			52.0	55.4	47.3	55.0	75.0	61.3
	Fille	0.05	9.40	53.0	56.7	48.1	33.0	75.0	01.5
				55.3	57.9	48.8			
				55.4	56.7	48.7	1		
		0.00	13:24	58.3	60.7	46.5			
				51.7	53.8	45.3	1		
16-Apr-25	Fine			52.3	55.8	45.9	- 54.2	75.0	61.3
10-Ahi-52	Fille			54.5	53.7	45.5		75.0	
				52.0	54.1	45.3			
				51.6	55.1	45.3			
				61.4	62.6	48.3			
				60.7	58.6	48.4	1		
22 4 mm 25	<b>Fine</b>	0.20	0.22	56.1	59.6	48.1		75.0	C1 2
22-Apr-25	Fine	0.28	9:33	54.0	57.5	47.0	57.8	75.0	61.3
				51.2	53.0	46.8	1		
				54.4	56.2	46.0	1		
				64.6	65.4	63.4			
				63.7	64.9	61.6	1		
20 4 25	Delas	0.44	0.22	64.7	65.1	64.2		75.0	<b>C1</b> 2
28-Apr-25	Rainy	0.44	9:22 -	63.9	65.2	62.1	64.1	L 75.0	61.3
				63.9	65.1	62.2	1		
				63.7	64.6	62.9	1		

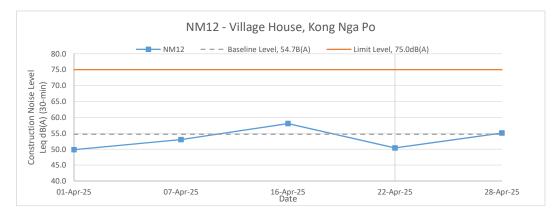
		Wind Speed		Uni	it: dB(A) (5-r	nin)	Average	Limit Level	Baseline
Date	Weather	(m/s)	Time	L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>
				62.6	64.9	57.7			
				61.8	64.1	57.8	1		
		0.00		62.2	63.9	54.8		75.0	
01-Apr-25	Fine	0.00	9:49	63.2	66.6	54.5	66.9	75.0	59.6
				63.1	65.8	54.3	1		
				73.1	78.4	55.6	1		
		e 0.08	9:56	61.7	57.5	39.4			
				46.3	49.4	39.9	1		E0.6
07-Apr-25				45.7	47.8	41.0		75.0	
	Fine			49.4	50.2	40.4	54.7	75.0	59.6
				47.0	49.2	39.4	1		
				47.8	48.8	40.8	1		
		0.68		62.8	59.6	45.9			
				62.9	60.1	44.8	1		
10 4	Fine		14:03	58.7	61.1	44.8		75.0	59.6
16-Apr-25	Fine			65.8	60.5	44.6	- 61.8	75.0	59.0
				55.5	59.3	45.0			
				55.7	59.5	43.0	1		
				59.6	55.6	44.3			
				66.2	64.6	47.9	1		
22 4	Fine	0.18	9:55	52.3	55.6	45.2	60.3	75.0	59.6
22-Apr-25	Fine	0.18	9:55	59.7	54.4	45.0	00.3	75.0	59.0
				50.2	53.6	43.1	1		
				52.0	54.0	47.4	1		
				56.0	56.1	53.4			
				54.4	55.1	53.4	1		
20 4	Deimu	0.00	0.27	55.5	55.5	53.5	1	75.0	59.6
28-Apr-25	Rainy	0.00	9:27	55.5	56.4	53.8	- 58.7	75.0	
			F	54.7	55.5	53.4	1		
				64.4	63.6	53.6	1		

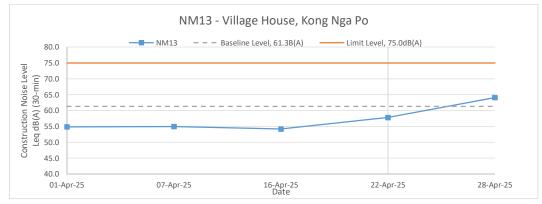
#### Noise Levels

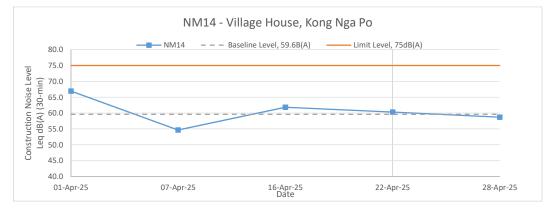












APPENDIX G WEATHER CONDITION

Appendix G –	
General Weather Conditions during the Monitoring Period April 2025	

	Mean	Air	Temperat	ure	Mean	Mean	Mean	Total
Date March	Pressure (hPa)	Maximum (deg. C)	Mean (deg. C)	Minimum (deg. C)	Dew Point Temperature (deg. C)	Relative Humidity (%)	Amount of Cloud (%)	Rainfall (mm)
1	1018.3	20.3	16.1	12.9	9.9	67	63	-
2	1019.1	23.4	18.6	15	11.4	63	13	-
3	1018.6	25.5	20.6	16.9	10.9	57	1	-
4	1016.2	21	19.9	18.9	14.6	72	65	Trace
5	1015.3	19.8	19.3	18.7	17.6	90	95	7.3
6	1015.9	23.4	20.5	18.8	15.6	74	83	Trace
7	1016.9	26.6	22.1	19.5	14.5	64	46	-
8	1016.2	26.7	23.2	20.8	17.7	72	76	-
9	1012.5	27.2	24.1	22.2	19.6	77	76	-
10	1009.2	27.8	24.6	22.7	20.9	80	85	-
11	1008.8	27.6	25	23	22.3	85	85	Trace
12	1009.3	27.1	24.6	20.4	20.9	81	88	6.9
13	1015	24.5	21.8	20.3	4.2	32	85	Trace
14	1012.9	26.2	22.6	19.8	11.1	49	53	-
15	1012.5	33	25.8	20.3	12.7	48	39	-
16	1012.2	27.5	24	21.9	18.8	73	48	-
17	1010.1	28.7	24.5	22.4	20.4	78	79	-
18	1009.6	26.5	24.9	23.5	23.1	90	96	3.5
19	1009.7	28	26.3	25	23.8	86	92	0.1
20	1011.1	30.6	27.1	25.8	23.1	79	80	-
21	1012	29.1	26.9	25.6	22.9	79	76	-
22	1010.5	29.1	27.3	25.8	23.1	78	84	-
23	1009.3	30.8	27.8	26.4	23.4	77	76	-
24	1009.3	30.1	27.5	26.1	23.3	78	80	0.5
25	1011.5	26.5	25.2	23.5	23.2	88	88	18.9
26	1014.6	23.9	22.3	21.3	19.7	85	92	Trace
27	1013.4	23.2	22.2	21.2	20.8	92	95	0.8
28	1011.7	29.3	25.3	22.6	22.4	85	81	19.1
29	1013.5	28.3	25.4	23.5	17.9	64	59	-
30	1013.3	29.2	25.2	23.1	20.5	75	66	_
Mean/Total	1013	26.7	23.7	21.6	18.3	74	71	57.1
Normal*	1013	25.6	23	21.1	19.7	83	77	153

\* 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 (April 2025)

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

### Monitoring and Maintenance Works Report

### INSPECTION DATE: 30 APRIL 2025 REPORT DATE: 03 MAY 2025

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

Version: 00

#### Template of Post-transplantation Monitoring Checklist Design and Construction of Kong Nga Po Police Training Facilities

		Audit Ref. No	
Contra	act SS K509		
-	ted By Lau Siu Yeung	30/04/2025	
Inspect		Time Period USING TABLES	
Part A	Weather		
Conditi		Rain Storm Hazy	
Tempe		Low (RH<50%)	
Wind	Calm Light Strong		
Dawt D		N/A or not observed Yes No Follow-up N/C	Remarks
Part B	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?		
	Are soil, debris or construction materials deposited around and against th		
	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 signs avoided?	of	
1.12	Are the fire lit below the branches and petrol, oil or caustic substances st near the plants avoided?	ored 🗌 🗹 🔲 🗆	
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?		
2.	Ladies Tresses Spiranthes sinensis	N/A or not observed Yes No Follow-up N/C	Remarks
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?		

#### Template of Post-transplantation Monitoring Checklist Design and Construction of Kong Nga Po Police Training Facilities

		N/A or not observed	Yes	No	Follow-up	N/C	Remarks	_
2.8	Are equipment or stockpile placed outside the protection zone?		$\checkmark$					
2.9	Are soil, debris or construction materials deposited around and against trunk of a plant as this causes bark damage avoided?	the	$\checkmark$					
2.10	Are fixings driven into plants avoided?		$\checkmark$					
2.11	Are the plants used for anchoring or winching purposes or for the displ signs avoided?	ay of	$\checkmark$					
2.12	Are the fire lit below the branches and petrol, oil or caustic substances near the plants avoided?	stored	$\checkmark$					_
2.13	Are all plants kept free from pest, disease or fungal infection?		$\checkmark$					_
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?							_
1	Incense Trees Aquilaria sinesis	N/A or not observed	Yes	No	Follow-up	N/C	Remarks	-
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 cone set 1m from the trees?							
3.5	Are all grassed and planted are 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 trunk of a tree as this causes bark damage avoided?	the					-	_
3.10	Are fixings driven into trees avoided?							
3.11	Are the trees used for anchoring or winching purposes or for the display signs avoided?	y of					-	_
3.12	Are the fire lit below the branches and petrol, oil or caustic substances near the trees avoided?	stored					-	_
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?				N			
3.16	Are wounds/mechanical injuries avoided on tree trunk?					N		
3.17	Are leaning of trees avoided?							_
3.18	Are dead/detached branches avoided?						-	
3.19	Are decay/cavity avoided on tree trunks?						- 1	1

#### Template of Post-transplantation Monitoring Checklist Design and Construction of Kong Nga Po Police Training Facilities

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

The total rainfall in A pril 2025 was low er than the climatological nom alwhile only four days had rainfall record with reference to HK observatory.

Signatures:	
Contractor's Representative	
(Name: Lau Siu Yeung (Date: 30/04/2025	)

Supervisor's Rep.

(Name: (Date:

)

Inspection Date:

30/4/2025

Tree/Plant/	Number of	Species Name	Form	Health	Remark
Colony No.	Individuals	-		(Good/Fair/Poor)	
	01	Brainea insignis	F	F	Young leaves observed
0	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	F	F	Young leaves observed
C-0001	04	Brainea insignis	F	F	Young leaves observed
0 0001	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
	01	Brainea insignis	F	F	Young leaves observed
	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	F	Р	Young leaves observed
G 0000	04	Brainea insignis	F	Р	Young leaves observed
C-0002	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		F	F	Young leaves observed
C-0003	01	Brainea insignis	Г	<b>1</b> , ,	Young leaves at base; Dry or
	01	Brainea insignis	Р	Р	caused by bushfire initially
					outside site boundary and his
		<b>D</b> · · · ·			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	Р	Р	Dry out caused by bushfire
					initially outside site boundar
					and high
					temperature on 2 Feb 2021
	10	Brainea insignis	F	Р	Young leaves at base
	11	Brainea insignis	F	F	Young leaves observed
	12	Brainea insignis	F	Р	Young leaves observed
C-0004		0			Stem not found
C-0004			-	-	Dry out caused by bushfire
	13	Brainea insignis			initially outside site boundar
	10	brumea msignis			and high temperature on 2 Fe
					2021
			1		
	14	Brainea insignis	F	F	Young leaves observed
	14	Brainea insignis	F	F	Young leaves at base: Dry or
	14	Brainea insignis	F		Young leaves at base; Dry o
	14	Brainea insignis Brainea insignis	F P	F P	Young leaves at base; Dry o caused by bushfire initially
					Young leaves at base; Dry or caused by bushfire initially outside site boundary and hig
					Young leaves at base; Dry or caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021
					Young leaves at base; Dry or caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Dry out caused by bushfire
					Young leaves at base; Dry or caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Dry out caused by bushfire initially
	15	Brainea insignis	Р	Р	Young leaves at base; Dry or caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Dry out caused by bushfire initially outside site boundary and hig
	15	Brainea insignis Brainea insignis	P	P P	Young leaves at base; Dry or caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Dry out caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021
	15	Brainea insignis	Р	Р	Young leaves at base; Dry ou caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Dry out caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Young leaves observed
	15 16 17	Brainea insignis Brainea insignis Brainea insignis	P	P P	Young leaves at base; Dry ou caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Dry out caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Young leaves observed Burned by bushfire initially
	15	Brainea insignis Brainea insignis	P	P P	Young leaves at base; Dry ou caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Dry out caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Young leaves observed Burned by bushfire initially outside the site boundary on
	15 16 17	Brainea insignis Brainea insignis Brainea insignis	P	P P	Young leaves at base; Dry ou caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021 Dry out caused by bushfire initially outside site boundary and hig temperature on 2 Feb 2021

Inspection Date:

30/4/2025

Tree/Plant/ Colony No.	Number of Individuals	Species Name	Form (Good/Fair/Poor)	Health (Good/Fair/Poor)	Remark
Cololly No.	01	Brainea insignis	F	F	Young leaves observed
	02	Brainea insignis	F	F	Young leaves observed
	02	Brainea insignis	F	F	Young leaves observed
C-0005	03	Brainea insignis	F	F	Young leaves observed
C-0005	04	Brainea insignis	F	P	Young leaves observed
			F	F	
	06	Brainea insignis			Young leaves observed
0.0000	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	Р	-
	01	Brainea insignis	F	F	Young leaves observed
	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	Р	Р	Young leaves observed
C-0008	04	Brainea insignis	F	F	Young leaves observed
	05	Brainea insignis	F	F	Young leaves observed
	06	Brainea insignis	F	Р	-
	07	Brainea insignis	F	Р	Young leaves at base
C-0009	01	Brainea insignis	F	F	Young leaves observed
	01	Brainea insignis	F	F	Young leaves observed
C-0010	02	Brainea insignis	F	F	Young leaves observed
	03	Brainea insignis	F	F	Young leaves observed
	01	Brainea insignis	Р	Р	Dry out caused by bushfire initially outside site boundary and high temperature on 2 Feb 2021
	02	Brainea insignis	F	Р	-
	03	Brainea insignis	Р	Р	Young leaves at base
	04	Brainea insignis	F	F	Young leaves at base
<b>G</b> 0011	05	Brainea insignis	F	Р	Young leaves at base
C-0011	06	Brainea insignis	F	F	Young leaves at base
	07	Brainea insignis	Р	Р	Young leaves at base
	08	Brainea insignis	F	F	Young leaves observed
	09	Brainea insignis	Р	Р	-
	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)\_04



#### C-0002(Patch)\_05



C-0002(Patch)\_06



### C-0002(Patch)\_07



C-0002(Patch)\_08



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



C-0011(Patch)\_01



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

30/4/2025

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	Р	Р	Leaf observed				
L-0009	Spiranthes sinensis	2-	-	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	Р	Р	Leaf observed				
L-0015	Spiranthes sinensis	-	-	Not observed				
L-0016	Spiranthes sinensis	-	-	Not observed				
L-0018	Spiranthes sinensis	Р	Р	Leaf observed				
L-0019	Spiranthes sinensis	-	-	Not observed				
L-0020	Spiranthes sinensis	-	-	Not observed				
L-0021	Spiranthes sinensis	-	-	Not observed				
L-0022	Spiranthes sinensis	Р	Р	Leaf observed				
L-0023	Spiranthes sinensis	_	-	Not observed				
L-0024	Spiranthes sinensis	Р	Р	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	Р	Р	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	-	- 1	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	-	- 1	Not observed				
L-0041	Spiranthes sinensis	-	-	Not observed				
L-0042	Spiranthes sinensis	-	- 1	Not observed				

Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest





Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest





Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest





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Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest





Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest





L-0030

Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest





Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest





Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest



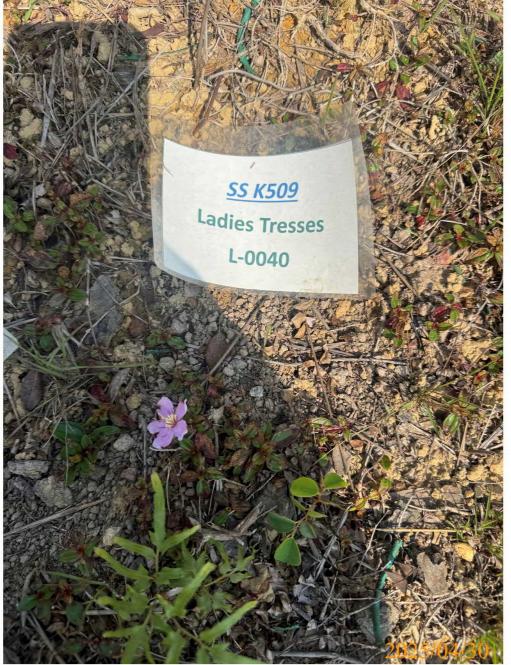


Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest





Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest





Design and Construction of Kong Nga Po Police Training Facilities Monitoring and Maintenance Works for Flora Species of Conservation Interest



Design and Construction of Kong Nga Po Police Training Facilities

Monitoring and Maintenance Works for Flora Species of Conservation Interest

									Ve	getati		-		Record			il 202	5)													
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		Y		Y	
Weeding																														Y	
Fertilization																															
Pest/Disease Control																															
Firming up of fence																														Y	
Installation of shaded net																															
Mulching																															
Inspection																														Y	
Checking of Protection Zone																														Y	
Remarks	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	RH	MH	MH	MH	MH
	Public Holiday H-Hot D-Drizzle R-Rainy W-Windy RH-High Humidity MH-Medium Humidity LH-Low Humidity																														

Hong Da Landscaping Limited



## checking the condition of fence



fence off entrance



weeding (1)



weeding (2)



weeding (3)



weeding (4)

## 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)		
			00 4 0005
Inspected By	ET	Inspection Date	29-4-2025
Part A	Weather		
Condition	Sunny Fine Overcast Drizzle Rain Hazy		
Wind	Calm Light Breeze Strong		
Part B		N/A or Yes not observed	NO Remarks
1 Cy	cadfern Brainea insignis		
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 La	dies 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) Installation of a shaded net is provided below.
- 4) The wild plants that are growing in undesirable areas should be removed.
- 5) The Black Shade Net should be installed.





IEC	ET	Contractor Representative			
Name: Mr. Law Date	F Name: Mr. Chow Date _29/4/2025	Name: Marian Kong 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

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

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

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

 $Abbreviations: ET-Environmental \ Team, \ IEC-Independent \ Environmental \ Checker$ 

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

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

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

 $Abbreviations: ET-Environmental\ Team,\ IEC-Independent\ Environmental\ Checker$ 

EVENT		АСТ	TION	
	ЕТ	IEC	PERMIT HOLDER	CONTRACTOR
Non- conformity on one occasion	Identify source. Inform IEC and ER. Discuss remedial actions with IEC, ER and Contractor. Monitor remedial actions until rectification has been completed.	Check report.CheckContractor'sworking method.DiscussDiscusswithETandContractoron possibleremedialmeasures.AdviseERoneffectivenessof	Notify Contractor. Ensure remedial measures are properly implemented	Amendworkingmethodstopreventrecurrenceofnonconformity.Rectifydamageundertakeadditionalaction necessary.
Demosted	Identify source	proposed remedial measures. Check implementation of remedial measures.	Notify Contractor	Amond working
Repeated Nonconformity	Identify source. Inform IEC and ER. Increase monitoring frequency. Discuss remedial actions with IEC, ER and Contractor. Monitor remedial actions until rectification has been completed. If non-conformity stops, cease additional monitoring.	Checkmonitoringreport.CheckContractor'sworkingmethod.method.Discuss with ET andcontractor on possiblecontractor on possibleremedial measures.AdviseERoneffectivenessofproposedremedialmeasures.Superviseimplementationofremedial measures.of	Notify Contractor. Ensure remedial measures are properly implemented.	Amendworkingmethodstopreventrecurrenceofnonconformity.Rectifydamageandundertakeadditionalactionnecessary.

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

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

APPENDIX J SUMMARY OF EXCEEDANCE

## Appendix J: Exceedance Report

Environmental Monitoring	Parameter	No. of non-proje Exceedance	ct related	No. of Exceeda the Construction this Contract	Exceedance	
		Action Level	Limit Level	Action Level		recorded
Air Quality	1-hr TSP	0	0	0	0	0

### (A) Exceedance Report for Air Quality

#### (B) Exceedance Report for Construction Noise

Environmental Monitoring	Parameter	No. of non-project related Exceedance		No. of Exceeda the Construction this Contract	Exceedance			
		Action Level	Limit Level	Action Level	Limit Level	recorded		
Noise	Leq(30 min.) dB(A)	0	0	0	0	0		

APPENDIX K ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE (EMIS)

EIA	EM&A	A Recommended Mitigation Measures	Objectives of the Recommended	Implementation	Location / Duration of the measure		lementa Stages		Legislation &	Implementation Status
Ref.	Ref.		Measure & Main Concerns to address	Agent		Des	С	ο		
Air Qu	ality Impa	ct Construction Phase								
3.9.1	2.2	<b>Dust Control Measures</b> To achieve compliance with the FSP, RSP and TSP criteria during the construction phase, good practices for dust control should be implemented to 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
I		Disturbed Parts of the Roads								Y
		<ul> <li>Main temporary access points should bepaved with concrete, bituminous hardcore materials or metal plates and be kept clear of dusty materials; or</li> <li>Unpaved parts of the road should be sprayed</li> </ul>								
		with water or a dust suppression chemical so as to keep the entire road surface wet.								
		<ul> <li>Wheel washing</li> <li>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.</li> </ul>								Y
		Use of vehicles								Y
		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.								
		Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels.								
		Site hoarding ■ 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	lementa Stages <sup>1</sup> C	Relevant Legislation & Guidelines	Implementation Status
Noise I	mpact Cor	struction Phase						
4.4.6	3.2	Good Site Practice	Maintain good site	Contractor	Within the Project site /	$\checkmark$	EIAO and Noise	
		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:	practice to minimise / avoid construction noise impact		During construction phase / Prior to commencement of operation.		Control Ordinance	
		<ul> <li>only well-maintained plant to be operated on- site and plant should be serviced regularly during the construction works;</li> </ul>						Y
		material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities.						Y
		Adoption of QPME						Y
		QPME should be adopted as far as applicable.						
		Use of Noise Enclosure/ Acoustic Shed Noise enclosure or acoustic shed should be used to cover stationary PME such as air compressor and generator.						Y
		Use of Noise Insulating Fabric 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	Implementation Agent	Location / Duration of the measure		lementa Stages		Relevant Legislation &	Implementation Status
			Concerns to address			Des	С	0	Guidelines	
Water Q	uality Imp	pact Construction Phase		1	1		-		1	
5.6.1.1	4.2	General Construction Activities 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	<ul> <li>Construction waste, debris and refuse generated on-site should be stored or contained appropriately to prevent them entering nearby watercourses or blocking stormwater drains.</li> <li>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.</li> </ul>								Y
		<ul> <li>Construction Site Runoff</li> <li>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:</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>The wheels of all vehicles and plant should be cleaned before leaving the works areas to remove any suspended sediment.</li> <li>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</li> </ul>								Y

		<ul> <li>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.</li> <li>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)</li> </ul>						
5.6.1.3	4.2	<ul> <li>Accidental Spillage of Chemicals</li> <li>In accordance with the Waste Disposal (Chemical Waste) (General) Regulation (Cap 354C), the following measures should be implemented:</li> <li>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.</li> <li>Oils and fuels should only be stored in designated areas which have appropriate pollution prevention control facilities such as oil and grease traps.</li> </ul>	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)	Υ
5.6.1.4	4.2	<b>Sewage from Construction Workforce</b> 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	EM&A	Recommended Mitigation Measures	Objectives of the Recommended	Implementation	Location / Duration of	Imp	lementa Stages		Relevant Legislation &	Implementation Status
Ref.	Ref.		Measure & Main Concerns to address	Agent	the measure	Des	С	Ο	Guidelines	
Waste I	Manageme	ent Implications Construction Phase								
7.5.1.1	6.2	Good Site Practice 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		V		Waste Disposal Ordinance (Cap 354); Waste Disposal (Chemical Wastes) (General) Regulation (Cap	Y
		<ul> <li>Training of site personnel in proper waste management and chemical handling procedures</li> <li>Provision of sufficient waste disposal points and regular collection of waste</li> <li>Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads</li> </ul>							354C); and ETWB Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site	Y
7.5.1.2	6.2	<ul> <li>Waste Reduction Measures</li> <li>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.</li> <li>Recommendations to achieve waste reduction include:</li> <li>Sort non-inert C&amp;D materials torecover any recyclable portions</li> <li>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</li> </ul>							Waste Disposal Ordinance (Cap 354)	Y

7.5.1.3	6.2	Inert and Non-inert C&D Materials 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. The surplus inert C&D materials will be disposed of at the Government's PFRFs for beneficial use by other projects in Hong Kong. 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. 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	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
		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						
7.5.1.4	6.2	<b>Chemical Waste</b> 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. 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 appropriate mitigation measures as recommended						
7.5.1.5	6.2	General Refuse 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	$\checkmark$	Waste Disposal Ordinance (Cap 354); Public Health and Municipal Services Ordinance (Cap 132) - Public Cleansing and Prevention of Nuisances	Y

EIA	EM&A	Recommended Mitigation Measures	Objectives of the Recommended	Implementation	Location / Duration of	Imp	lementa Stages <sup>1</sup>	tion	Relevant Legislation &	Implementation Status
Ref.	Ref.		Measure & Main Concerns to address	Agent	the measure	Des	С	0	Guidelines	
Ecologi	cal Impac	t .								
9.7.1	8.3	Temporary Protective Fence for Flora Species of Conservation Interest 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. 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; 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
Landsc	ape and V	isual 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; Protection of Endangered Species of Animals and Plants Ordinance (Cap 586); DEVB TC(W) No. 6/2015 Maintenance of Vegetation and Hard Landscape Features; ETWB TCW No. 29/2004 Registration of Old and Valuable Trees, and Guidelines for their Preservation; DEVB TC(W) No. 07/2015 -Tree Preservation; ETWB (2/2007) - General Guidelines on Tree Pruning; 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

### Monthly Summary Waste Flow Table for <u>2025</u> (year)

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

Project :	Design and C	onstruction of	Kong Nga Po	Police Trainin			2	Contract No.: SS	K509			
		Actual Q	uantities of Ind	ert C&D Mate	rials Generate	d Monthly		Actu	al Quantities	of C&D Wast	es Generated N	/Ionthly
Month	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 '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(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	2.896	0.000	0.000	1.329	1.346	0.221	0.000	0.000	0.000	0.000	0.000	2.074
May												
Jun												
Sub-total	21.773	0.000	0.000	11.718	8.658	1.398	0.000	0.000	0.000	0.000	0.000	6.851
Jul												
Aug												
Sep												
Oct												
Nov												
Dec												
Total	106.689	0.000	0.000	31.660	41.230	33.801	0.000	12.077	1.170	4.508	0.000	15.757

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.

\*Data of April 2025 released by EPD only up to 28/4/2025 as of 6/5/25

	Date of	Vehicle	Account		Time-	Time-	Waste depth (meter)	Weight- in (tonne)	Weight- out (tonne)	Net weight
	transaction		No.	Chit No.	in	out	廢物	入閘重	出閘重	(tonne)
		車牌號	帳戶編	入帳票編	進入時	離開時	深度	量	量	淨重量
	交易日期	碼	號	號	間	間	(米)	 (公噸)	(公噸)	(公噸)
NENT	01/04/25	UJ1*2	7046289	28579763	08:16	08:43	1.07	18.44	16.22	2.22
NENT	01/04/25	ZL8*09	7046289	28579764	08:55	09:21	0.92	19.3	17.23	2.07
NENT	01/04/25	UJ1*2	7046289	28580112	09:53	10:18	0.81	18.41	16.21	2.2
NENT	01/04/25	ZL8*09	7046289	28579765	10:18	10:47	0.81	21.36	17.22	4.14
NENT	01/04/25	ZL8*09	7046289	28579766	11:43	12:08	1.31	20.25	17.21	3.04
NENT	01/04/25	UJ1*2	7046289	28580113	12:04	12:28	0.84	20.69	16.2	4.49
NENT	01/04/25	UJ1*2	7046289	28580115	13:36	13:59	1.02	18.02	16.19	1.83
NENT	01/04/25	ZL8*09	7046289	28580114	13:46	14:11	1.06	19.26	16.99	2.27
NENT	01/04/25	ZL8*09	7046289	28580117	15:09	15:34	1.27	21.5	16.98	4.52
NENT	01/04/25	XM6*51	7046289	28580118	15:19	15:49	0.8	19.29	15.95	3.34
NENT	01/04/25	UJ1*2	7046289	28580116	15:45	16:09	0.77	18.86	16.34	2.52
NENT	01/04/25	YN1*02	7046289	28580119	17:32	18:01	1.26	25.34	20.26	5.08
NENT	02/04/25	ZL8*09	7046289	28580120	08:41	09:12	0.57	19.42	16.95	2.47
NENT	02/04/25	XM6*51	7046289	28580121	08:58	09:27	0.83	18.39	15.94	2.45
NENT	02/04/25	ZL8*09	7046289	28580122	10:08	10:36	1.03	18.56	16.95	1.61
NENT	02/04/25	UJ1*2	7046289	28579767	10:46	11:10	0.84	19.49	16.3	3.19
NENT	02/04/25	XM6*51	7046289	28580124	10:48	11:20	0.83	19.62	15.93	3.69
NENT	02/04/25	ZL8*09	7046289	28580123	11:35	11:59	1.39	21.06	16.94	4.12
NENT	02/04/25	UJ1*2	7046289	28579768	12:28	12:53	0.2	21.05	16.34	4.71
NENT	02/04/25	XM6*51	7046289	28580127	13:15	13:43	0.78	18.34	15.92	2.42
NENT	02/04/25	TA9*5	7046289	28580126	13:29	13:55	0.61	21.4	16.98	4.42
NENT	02/04/25	ZL8*09	7046289	28580125	13:36	13:58	0.96	20.1	16.92	3.18
NENT	02/04/25	UJ1*2	7046289	28580128	13:59	14:27	0.56	20.9	16.27	4.63
NENT	02/04/25	UJ1*2	7046289	28580129	15:38	16:03	0.96	18.38	16.25	2.13
NENT	02/04/25	ZL8*09	7046289	28579769	16:03	16:27	0.97	21.28	16.92	4.36
NENT	03/04/25	XM6*51	7046289	28580131	08:23	08:53	0.83	18.55	15.91	2.64
NENT	03/04/25	ZL8*09	7046289	28580130	08:30	08:54	1.08	20.99	17.04	3.95
NENT	03/04/25	i		28579770		10:55			16.93	1.61
NENT	03/04/25	ZL8*09	7046289	28579771	10:46	11:08	0.95	19.54	17.06	2.48
NENT	03/04/25	UJ1*2	7046289	28580132	10:47	11:09	1.1	17.97	16.21	1.76
NENT	03/04/25	ZL8*09	7046289	28579772	12:02	12:33	1.34	20.95	17.03	3.92
NENT	03/04/25	UJ1*2	7046289	28580133	12:48	13:14	1.13	18.29	16.2	2.09
NENT	03/04/25	ZL8*09	7046289	28580134	14:07	14:31	1.14	20.24	17.03	3.21
NENT	03/04/25	UJ1*2	7046289	28580135	14:27	14:50	0.76	19.85	16.18	3.67
NENT	03/04/25	YN1*02	7046289	28580137	16:09	16:31	1.44	24.74	20.24	4.5
NENT	03/04/25	UJ1*2	7046289	28580136	16:10	16:32	0.81	18.54	16.37	2.17
NENT	03/04/25	ZL8*09	7046289	28580138	16:30	16:59	0.94	20.91	17.05	3.86
NENT	03/04/25	TA9*5	7046289	28580139	16:58	17:27	1.23	19.17	16.88	2.29
NENT	03/04/25	YN1*02	7046289	28580140	17:31	17:57	0.76	26.27	20.22	6.05
NENT	05/04/25	UJ1*2	7046289	28579773	08:01	08:23	1	19.59	16.37	3.22
NENT	05/04/25	XM6*51	7046289	28580141	08:09	08:40	0.97	18.16	15.87	2.29
NENT	05/04/25	ZL8*09	7046289	28579775	08:11	08:41	0.85	21.1	17.08	4.02
	05/04/25	UJ1*2	7046289	28580142	09:21	09:46	0.79	19.38	16.38	3
	05/04/25	ZL8*09	7046289	28580143	10:17	10:40	1.09	19.4	17.14	2.26
NENT	05/04/25	UJ1*2	7046289	28579774	10:42	11:08	1.07	17.95	16.38	1.57
NENT	05/04/25	ZL8*09	7046289	28580144	11:41	12:09	1.43	21.18	17.24	3.94
	05/04/25	UJ1*2	7046289	28580145	12:34	12:57	0.95	20.78	16.38	4.4
NENT	05/04/25	TA9*5	7046289	28579776	12:57	13:28	1.4	22	17.15	4.85
NENT		ZL8*09	7046289	28580147	13:32	14:01	1.22	19.76	17.25	2.51
NENT	05/04/25	UJ1*2	7046289	28580146	14:11	14:35	0.62	20.44	16.4	4.04

NENT	05/04/25	UJ1*2	7046289	28580149	15:48	16:14	0.74	20.33	16.42	3.91
NENT	05/04/25	YN1*02	7046289	28580150	17:42	18:07	0.63	26.27	20.48	5.79
NENT	07/04/25	UJ1*2	7046289	28580151	08:01	08:25	1.15	20.28	16.33	3.95
NENT	07/04/25	ZL8*09	7046289	28579777	08:08	08:34	0.94	21.52	17.21	4.31
NENT	07/04/25	PZ3*7	7046289	28579778	09:17	09:42	0.94	17.87	15.85	2.02
NENT	07/04/25	ZL8*09	7046289	28579779	10:12	10:39	0.87	19.98	17.11	2.87
NENT	07/04/25	PZ3*7	7046289	28579780	11:46	12:11	1.08	19.69	15.8	3.89
NENT	07/04/25	ZL8*09	7046289	28580152	11:50	12:15	1.02	19.38	17.2	2.18
NENT	07/04/25	TA9*5	7046289	28580161	12:44	13:14	1.4	18.97	17.01	1.96
NENT	07/04/25	ZL8*09	7046289	28580153	13:20	13:48	1.27	21.72	17.19	4.53
NENT	07/04/25	ZL8*09	7046289	28580154	15:38	16:05	1.16	19.73	17.22	2.51
NENT	07/04/25	UJ1*2	7046289	28580155	16:38	17:07	0.81	20.08	16.37	3.71
NENT	07/04/25	ZL8*09	7046289	28580156	17:01	17:26	1.01	19.07	17.22	1.85
NENT	08/04/25	ZL8*09	7046289	28580157	08:32	08:57	1.13	21.29	17.19	4.1
NENT	08/04/25	ZL8*09	7046289	28580158	10:39	11:05	1.11	19.29	17.18	2.11
NENT	08/04/25	XM6*51	7046289	28580160	11:22	11:54	0.81	17.24	15.92	1.32
NENT	08/04/25	RD2*11	7046289	28580162	11:24	11:51	0.95	20.66	17	3.66
NENT	08/04/25	TA9*5	7046289	28580163	11:26	11:55	1.55	19.02	16.95	2.07
NENT	08/04/25	YN1*02	7046289	28580159	11:32	11:58	1.23	23.28	20.33	2.95
NENT	08/04/25	ZL8*09	7046289	28580164	12:42	13:08	1.33	20.96	17.15	3.81
NENT	08/04/25	XM6*51	7046289	28580165	13:09	13:37	0.88	17.34	15.92	1.42
NENT	08/04/25	YN1*02	7046289	28580166	13:20	13:43	1.41	25.54	20.32	5.22
NENT	08/04/25	RD2*11	7046289	28580167	13:27	14:04	0.97	20.27	16.98	3.29
NENT	08/04/25	ZL8*09	7046289	28580168	13:50	14:16	0.8	20.21	17.15	3.06
NENT	08/04/25	YN1*02	7046289	28241756	14:51	15:20	0.77	26.21	20.27	5.94
NENT	08/04/25	XM6*51	7046289	28241757	15:09	15:37	0.92	17.71	15.91	1.8
NENT	08/04/25	ZL8*09	7046289	28580169	15:53	16:20	1.47	21.76	17.26	4.5
NENT	08/04/25	ZL8*09	7046289	28580170	17:01	17:23	0.82	19.76	17.25	2.51
NENT	08/04/25	XM6*51	7046289	28241758	17:11	17:43	0.7	18.89	15.89	3
NENT	08/04/25	YN1*02	7046289	28241759	17:43	18:06	1.38	24.99	20.26	4.73
NENT	09/04/25	XM6*51	7046289	28241760	08:03	08:29	0.74	17.76	15.88	1.88
NENT	09/04/25	ZL8*09	7046289	28241761	08:34	08:59	1.37	21.33	17.22	4.11
NENT	09/04/25	XM6*51	7046289	28241762	09:55	10:23	0.89	17.83	15.87	1.96
NENT	09/04/25	ZL8*09	7046289	28241763	09:56	10:24	1.06	21.39	17.23	4.16
NENT	09/04/25	YN8*99	7046289	28241764	11:02	11:34	1.29	19.45	15.65	3.8
NENT	09/04/25	RD2*11	1	28241766	11:26	11:51	1.05	20.45	16.92	3.53
NENT	09/04/25	ZL8*09	7046289	28241765	11:53	12:16	1.22	21.53	17.21	4.32
NENT	09/04/25	YN8*99	7046289	28241768	12:34	12:58	1.05	17.48	15.64	1.84
NENT	09/04/25	YN1*02	7046289	28241769	12:47	13:07	0.77	25.86	20.19	5.67
NENT	09/04/25	XM6*51	7046289	28241767	12:55	13:18	0.79	19.21	15.85	3.36
NENT	09/04/25	UJ1*2	7046289	28241770	12:58	13:22	0.78	19.12	16.3	2.82
NENT	09/04/25	RD2*11	7046289	28241772	13:50	14:16	0.67	20.81	16.94	3.87
NENT	09/04/25	YN8*99	7046289	28241774	14:11	14:36	0.9	17.79	15.62	2.17
NENT	09/04/25	ZL8*09	7046289	28241773	14:26	14:52	0.88	21.51	16.95	4.56
NENT	09/04/25	UJ1*2	7046289	28580171	14:57	15:23	0.93	18.59	16.29	2.3
NENT	09/04/25	YN1*02	7046289	28241775	15:11	15:40	1.11	25.87	20.17	5.7
NENT	09/04/25	UJ1*2	7046289	28241771	16:41	17:08	0.79	19.63	16.42	3.21
NENT	09/04/25	XM6*51	7046289	28241776	17:17	17:48	0.83	19.64	15.82	3.82
NENT	09/04/25	YN1*02	7046289	28241777	17:19	17:47	1.33	24.62	20.32	4.3
NENT	10/04/25	UJ1*2	7046289	28241778	08:27	08:56	0.89	18.92	16.38	2.54
NENT	10/04/25	ZL8*09	7046289	28580172	08:27	08:56	0.71	19.73	16.93	2.8
NENT	10/04/25	ZL8*09	7046289	28580173	09:51	10:20	0.99	18.71	16.92	1.79
NENT	10/04/25	YN1*02	7046289	28241779	09:54	10:23	1.13	25.74	20.25	5.49
NENT	10/04/25	UJ1*2	7046289	28241780	10:10	10:37	0.86	19.94	16.37	3.57
NENT	10/04/25	RD2*11	7046289	28580175	10:26	10:52	0.85	21.95	17.1	4.85
NENT	10/04/25	XM6*51	7046289	28241781	10:39	11:10	0.89	17.24	15.8	1.44
NENT	10/04/25	ZL8*09	7046289	28580174	11:34	12:00	1.3	20.84	17.05	3.79
										13.73

NENT	10/04/25	TA9*5	7046289	28580177	11:59	12:22	0.77	21.24	16.99	4.25
NENT	10/04/25	XM6*51	7046289	28241782	12:38	13:09	0.84	16.55	15.79	0.76
NENT	10/04/25	XP3*0	7046289	28580178	13:17	13:44	0.7	23.34	19.61	3.73
NENT	10/04/25	UJ1*2	7046289	28241783	13:19	13:46	0.68	17.73	16.34	1.39
NENT	10/04/25	ZL8*09	7046289	28241784	13:58	14:22	0.93	21.16	17.03	4.13
NENT	10/04/25	UJ1*2	7046289	28241786	15:00	15:32	0.78	18.16	16.32	1.84
NENT	10/04/25	ZL8*09	7046289	28241785	16:20	16:50	1.23	21.84	17.01	4.83
NENT	10/04/25	TA7*21	7046289	28241787	16:46	17:14	0.83	19.57	14.83	4.74
NENT	10/04/25	XM6*51	7046289	28241788	17:38	18:07	0.61	20.35	15.99	4.36
NENT		UJ1*2	7046289	28580179	08:00	08:21	0.01	18.21	16.29	1.92
NENT	11/04/25	ZL8*09		28580179	08:00	08:50	0.62	21.73	10.29	4.73
NENT	11/04/25 11/04/25	UJ1*2	7046289 7046289	28241789	09:42	10:06	0.82	20.79	16.28	4.51
NENT	11/04/25	ZL8*09	7046289	28241790	10:25	10:54	0.82	20.96	16.99	3.97
NENT	11/04/25	RD2*11	7046289	28241790	10:23	10:53	0.94	20.85	17.02	3.83
NENT		UJ1*2	7046289	28241792	11:35	12:01	0.54	19.94	16.31	3.63
NENT	11/04/25 11/04/25	ZL8*09	7046289	28241793	12:17	12:42	1.27	20.59	16.97	3.62
NENT		UJ1*2	7046289	28241791	13:00	13:26	0.44	20.09	16.29	3.77
	11/04/25	ZL8*09					<u> </u>		1	1
NENT	11/04/25	XM6*51	7046289	28580181 28241795	14:26	14:51	0.92	19 18.21	16.97	2.03
	11/04/25	-	7046289		14:56	15:27	0.78	<u> </u>	15.95	2.26
NENT	11/04/25	UJ1*2 ZL8*09	7046289	28241796	14:57 16:24	15:24 16:49	0.85	18.63	16.27 16.95	
NENT	11/04/25		7046289	28580182			1.23	21.06		4.11
NENT NENT	11/04/25	UJ1*2 UJ1*2	7046289	28241797	16:33 08:02	17:04 08:23	1.04 0.76	17.54	16.41 16.37	1.13 2.28
	12/04/25	1	7046289	28241798				18.65		
NENT	12/04/25	ZL8*09	7046289	28241799	08:08	08:32	1.05	19.89	16.92	2.97
NENT	12/04/25	ZL8*09 UJ1*2	7046289	28241800	10:02	10:28	1.14	21.19	17.04	4.15
NENT	12/04/25		7046289	28241801	10:04	10:29	0.93	21.21	16.36	4.85
NENT	12/04/25	XM6*51	7046289	28241802	10:39	11:07	0.71	19.91	15.93	3.98
NENT NENT	12/04/25 12/04/25	RD2*11 ZL8*09	7046289 7046289	28580201 28241803	11:40	12:03 12:03	0.85	21.2 19.99	17.08 17.03	4.12 2.96
					11:40					
NENT	12/04/25	UJ1*2	7046289	28580203	12:19	12:42 12:42	0.86	18.63	16.35	2.28 5.8
NENT	12/04/25	YN1*02 XM6*51	7046289	28580204 28580205	12:19 12:45	13:17	0.88	26.1 18.31	20.3 15.92	2.39
NENT	12/04/25	TA9*5	7046289	28580203	13:04		0.92		17.04	1.74
NENT NENT	12/04/25 12/04/25	ZL8*09	7046289	28580183	13:43	13:36 14:13	1.45	18.78 20.67	17.04	3.66
		YN1*02	7046289							5.32
NENT	12/04/25		7046289	28580184	13:53	14:18	1.1	25.6	20.28	
	12/04/25	UJ1*2		28580206	13:59	14:25	0.84	20.52	16.33	4.19
NENT	12/04/25	ZL8*09	7046289	28580186	15:40	16:06	1.23	21.11	17.03	4.08
NENT	12/04/25	UJ1*2	7046289	28580207	15:41	16:07	0.67	20.36	16.35	4.01
NENT	12/04/25	YN1*02	7046289	28580208	15:54	16:21	0.82	24.7	20.28	4.42
	14/04/25	UJ1*2	7046289	28580185	08:01	08:26	0.97	21.13	16.28	4.85
	14/04/25	ZL8*09	7046289	28580187	08:50	09:16	0.87	21.35	16.97	4.38
NENT	14/04/25	UJ1*2	7046289	28580188	09:42	10:13	0.6	18.06	16.27	1.79
NENT	14/04/25	ZL8*09	7046289	28580210	10:16	10:39	1.09	21.3	16.97	4.33
NENT	14/04/25	UJ1*2	7046289	28580209	11:37	11:57	0.82	19.14	16.25	2.89
	14/04/25	ZL8*09	7046289	28580212	11:45	12:07	1	19.99	16.94	3.05
NENT	14/04/25	ZL8*09	7046289	28580213	13:00	13:29	1.36	21.24	17.08	4.16
NENT	14/04/25	UJ1*2	7046289	28580211	13:01	13:28	0.92	18.47	16.22	2.25
NENT	14/04/25	XM6*51	7046289	28580214	13:01	13:30	0.91	17.44	15.88	1.56
NENT	14/04/25	ZL8*09	7046289	28580189	14:33	15:03	0.77	19.49	17.09	2.4
NENT	14/04/25	UJ1*2	7046289	28580215	14:36	15:05	0.98	19.14	16.2	2.94
NENT	14/04/25	ZL8*09	7046289	28580190	15:53	16:17	0.86	20.43	17.08	3.35
NENT	14/04/25	UJ1*2	7046289	28580216	16:39	17:04	0.85	18.45	16.38	2.07
NENT	14/04/25	YN8*99	7046289	28580217	17:03	17:28	1.07	18.27	15.72	2.55
NENT	15/04/25	UJ1*2	7046289	28580191	08:02	08:26	0.92	19.15	16.34	2.81
NENT	15/04/25	ZL8*09	7046289	28580218	08:16	08:41	0.7	18.48	17.09	1.39
NENT	15/04/25	UJ1*2	7046289	28580219	10:02	10:26	0.85	20.23	16.34	3.89
NENT	15/04/25	ZL8*09	7046289	28580221	10:08	10:32	1.18	20.34	17.1	3.24
NENT	15/04/25	YN8*99	7046289	28580222	11:28	11:57	0.94	18.18	15.65	2.53

NENT	15/04/25	ZL8*09	7046289	28580192	11:29	11:56	0.91	18.41	17.07	1.34
NENT	15/04/25	UJ1*2	7046289	28580220	11:54	12:16	0.91	18.91	16.31	2.6
NENT	15/04/25	ZL8*09	7046289	28580223	13:14	13:39	0.92	19.39	17.06	2.33
NENT	15/04/25	UJ1*2	7046289	28580224	14:02	14:27	0.92	20.92	16.31	4.61
NENT	15/04/25	XM6*51	7046289	28580194	14:29	14:58	0.91	19.11	15.81	3.3
NENT	15/04/25	ZL8*09	7046289	28580193	14:30	14:57	1.36	20.73	17.05	3.68
NENT	15/04/25	YN1*02	7046289	28580195	15:07	15:32	0.83	22.63	20.19	2.44
NENT	15/04/25	UJ1*2	7046289	28580190	15:24	15:49	0.55	20.75	16.29	4.46
NENT	15/04/25	TA9*5	7046289	28580195	16:10	16:37	1.81	19.5	17.03	2.47
NENT	15/04/25	ZL8*09	7046289	28580225	16:12	16:40	1.26	21.56	17.08	4.48
NENT	15/04/25	XM6*51	7046289	28580198	16:23	16:50	0.74	19.64	15.79	3.85
NENT	15/04/25	UJ1*2	7046289	28580226	17:22	17:44	0.58	19.83	16.27	3.56
NENT	16/04/25	ZL8*09	7046289	28580227	08:05	08:30	1.07	21.15	17.03	4.12
NENT	16/04/25	UJ1*2	7046289	28580199	08:09	08:34	1.04	18.64	16.24	2.4
NENT	16/04/25	UJ1*2	7046289	28580228	09:49	10:12	0.65	19.5	16.23	3.27
NENT	16/04/25	ZL8*09	7046289	28579781	09:50	10:12	0.89	21.74	17.07	4.67
NENT	16/04/25	TA9*5	7046289	28580200	11:33	11:56	0.88	21.28	16.98	4.3
		UJ1*2		28580229				<u> </u>	16.21	4.24
	16/04/25		7046289	28580229	11:42	12:04 12:15	0.58	20.45		
NENT	16/04/25	ZL8*09		28579782	11:47		1.26	21.4	17.16	4.24
NENT	16/04/25	ZL8*09 UJ1*2	7046289		13:02 13:17	13:27	1.13	18.79	17.16	1.63
	16/04/25		7046289	28580230		13:40	0.72	17.51	16.36	1.15
	16/04/25	ZL8*09	7046289	28579784	14:18	14:43	1.26	20.87	17.11	3.76
NENT	16/04/25	XM6*51	7046289	28580231	14:50	15:19	0.74	20.07	15.98	4.09
NENT	16/04/25	ZL8*09	7046289	28580232	16:39	17:07	0.52	19.94	17.09	2.85
NENT	16/04/25	XP3*0	7046289	28579785	16:39	17:07	0.58	24.36	19.62	4.74
NENT	16/04/25	XM6*51	7046289	28580233	16:51	17:22	0.88	19.64	15.96	3.68
NENT	17/04/25	UJ1*2	7046289	28579786	08:02	08:23	0.93	18.91	16.29	2.62
NENT	17/04/25	ZL8*09	7046289	28580234	08:05	08:29	1.01	19.02	17.07	1.95
NENT	17/04/25	ZL8*09	7046289	28580236	09:55	10:20	0.97	19.3	17.06	2.24
NENT	17/04/25	UJ1*2	7046289	28580235	10:04	10:27	0.9	20.16	16.28	3.88
NENT	17/04/25	ZL8*09	7046289	28579788	11:22	11:46	0.8	20.81	17.05	3.76
NENT	17/04/25	YN1*02	7046289	28579787	11:52	12:17	1.32	24.01	20.17	3.84
NENT	17/04/25	UJ1*2 ZL8*09	7046289	28580237	12:05	12:30	0.47	20.04	16.26	3.78
NENT	17/04/25		7046289	28580238	12:59	13:23	0.85	18.81	17.04	1.77
NENT	17/04/25	UJ1*2	7046289	28580239	13:32	13:58	0.95	17.69	16.25	1.44
	17/04/25	ZL8*09	1	28579789	14:16	14:39	1.15	21.59	17.03	4.56
NENT	17/04/25	UJ1*2	7046289	28580240	15:23	15:51	0.64	20.11	16.35	3.76
NENT	17/04/25	ZL8*09	7046289	28580281	15:59	16:28	0.54	19.4	17.01	2.39
NENT	17/04/25	UJ1*2	7046289	28580282	16:54	17:19	0.44	19.71	16.34	3.37
NENT	19/04/25	RD2*11	7046289	28579790	11:09	11:35	1.1	19.69	17.14	2.55
NENT	19/04/25	RD2*11	7046289	28580283	13:10	13:29	1.05	20.08	17.11	2.97
NENT	19/04/25	RD2*11	7046289	28580284	14:37	15:02	1.02	20.79	17.1	3.69
NENT	19/04/25	RD2*11	7046289	28579791	16:24	16:47	1.1	21.38	17.1	4.28
NENT	20/04/25	TA7*21	7046289	28580285	08:22	08:44	1.2	19.23	14.88	4.35
NENT	20/04/25	TA7*21	7046289	28580286	09:39	10:00	1.24	19.09	14.87	4.22
NENT	20/04/25	TA7*21	7046289	28580287	10:59	11:20	1.21	18.88	14.87	4.01
NENT	20/04/25	TA7*21	7046289	28580288	12:53	13:15	0.94	19.42	14.84	4.58
NENT	20/04/25	TA7*21	7046289	28580289	14:47	15:09	1.28	19.52	14.83	4.69
NENT	20/04/25	TA7*21	7046289	28580290	16:15	16:34	1.24	19.6	14.81	4.79
NENT	21/04/25	UJ1*2	7046289	28579792	08:01	08:20	1.22	18.69	16.27	2.42
NENT	21/04/25	UJ1*2	7046289	28580291	09:15	09:36	1.13	18.57	16.26	2.31
NENT	21/04/25	UJ1*2	7046289	28580292	10:39	11:04	0.87	20.42	16.24	4.18
NENT	21/04/25	RD2*11	7046289	28580293	10:52	11:14	1.06	20.88	17.08	3.8
NENT	21/04/25	UJ1*2	7046289	28580294	12:53	13:16	1.12	18.48	16.22	2.26
NENT	21/04/25	RD2*11	7046289	28579793	13:16	13:40	0.98	20.74	17.07	3.67
NENT	21/04/25	UJ1*2	7046289	28580295	14:28	14:50	0.99	17.86	16.35	1.51
NENT	21/04/25	RD2*11	7046289	28580296	14:58	15:22	0.85	21.03	17.05	3.98
NENT	21/04/25	RD2*11	7046289	28580297	16:56	17:21	0.89	22.01	17.06	4.95

	22/04/25	1111*2	7046200	20500200	00.00	00.22	0.07	17.00	16.21	1 50
NENT NENT	22/04/25	UJ1*2 XM6*51	7046289 7046289	28580298 28580299	08:08 08:21	08:32 08:46	0.97	17.89 18.94	16.31 15.89	1.58 3.05
NENT		UJ1*2	7046289	28580300			0.74		16.3	2.33
NENT	22/04/25	1			10:24	10:50		18.63		
	22/04/25	TA9*5 UJ1*2	7046289	28579794 28579795	11:54	12:24	1.42	18.84	17.01	1.83
NENT	22/04/25		7046289		12:08	12:31	0.59	20.72	16.29	4.43
	22/04/25	UJ1*2 TA9*5	7046289	28580301	13:43	14:07	1.16	18.68 20.76	16.28 17	2.4 3.76
NENT	22/04/25	ZL8*09	7046289	28579796	14:16	14:46	1.76			1
NENT NENT	22/04/25	UJ1*2	7046289	28579797 28579798	15:13	15:42	0.62	21.06	17.14	3.92
		1	7046289 7046289		15:24	15:48	0.98	18.28	16.26	2.02
NENT NENT	22/04/25	ZL8*09 UJ1*2	7046289	28580302 28580303	16:34 16:54	17:00 17:18	1.05 0.98	18.82 19.16	17.13 16.25	1.69 2.91
NENT	22/04/25	UJ1*2				08:23	0.98	19.10		3.63
NENT	23/04/25	TA7*21	7046289 7046289	28579799 28579800	08:01 08:03	08:26	1.21	18.85	16.22 14.94	3.91
NENT	23/04/25	TA7*21	7046289	28580241	09:18	09:46	0.85	19.61	14.92	4.69
NENT	23/04/25	ZL8*09	7046289	28580304	09:42	10:09	0.85	19.01	17.11	1.59
NENT	23/04/25	TA7*21	7046289	28580307	10:41	11:06	0.8	16.34	14.91	1.43
NENT		1	7046289	28580305	<u> </u>	11:43	0.9	19.03	17.07	1.96
NENT	23/04/25	RD2*11 UJ1*2	7046289	28580242	11:16 11:40	12:03	0.9	20.7	16.34	4.36
NENT	23/04/25	ZL8*09	7046289	28580242	11:40	12:03	1.07	19.81	17.09	2.72
NENT	23/04/25	TA7*21	7046289	28580308	12:49	13:16	0.72	19.61	17.09	4.72
NENT	23/04/25	RD2*11	7046289	28580309	13:33	14:00	0.52	21.19	17.09	4.1
NENT	23/04/25	ZL8*09	7046289	28580309	13:35	14:00	1	20.88	17.09	3.8
NENT	23/04/25	TA7*21	7046289	28580243	14:15	14:42	0.68	19.67	14.89	4.78
NENT	23/04/25	TA7*21	7046289	28580312	15:49	16:15	1.09	19.84	14.87	4.97
NENT	23/04/25	ZL8*09	7046289	28580313	16:32	17:00	1.33	18.39	17.06	1.33
NENT	23/04/25	XM6*51	7046289	28580245	17:27	17:58	0.55	20.3	15.96	4.34
NENT	23/04/25	RD2*11	7046289	28580310	17:38	18:07	1.18	20.89	17.02	3.87
NENT	24/04/25	UJ1*2	7046289	28580314	08:01	08:28	1.13	19.52	16.27	3.25
NENT	24/04/25	XM6*51	7046289	28580315	08:08	08:41	0.97	17.84	15.94	1.9
NENT	24/04/25	ZL8*09	7046289	28580316	08:25	08:52	1.03	19.27	17.05	2.22
NENT	24/04/25	ZL8*09	7046289	28580317	09:59	10:32	1.35	20.99	17.04	3.95
NENT	24/04/25	ZL8*09	7046289	28580318	11:33	11:58	0.92	21.49	17.03	4.46
NENT	24/04/25	ZL8*09	7046289	28580319	13:23	13:52	1.1	20.95	17.01	3.94
NENT	24/04/25	UJ1*2	7046289	28580320	14:06	14:32	0.37	20.2	16.25	3.95
NENT	24/04/25	ZL8*09	7046289	28580421	14:56	15:27	0.92	20.8	17.01	3.79
NENT	24/04/25	XP3*0		28580246	16:52	17:18	0.62	25.56	19.77	5.79
NENT	24/04/25	XM6*51	7046289	28580422	16:57	17:26	0.69	20.13	15.89	4.24
NENT	24/04/25	YN1*02	7046289	28580247	17:34	18:01	1	26.08	20.28	5.8
NENT	25/04/25	XP3*0	7046289	28580248	09:12	09:38	0.4	25.74	19.75	5.99
NENT	25/04/25	ZL8*09	7046289	28580423	09:42	10:06	0.59	22.06	17.11	4.95
NENT	25/04/25	YN8*99	7046289	28580424	10:20	10:50	1.12	20.47	15.71	4.76
NENT	25/04/25	UJ1*2	7046289	28580427	10:24	10:57	1.21	20.55	16.24	4.31
NENT	25/04/25	XP3*0	7046289	28580249	10:36	11:09	0.42	25.86	19.72	6.14
NENT	25/04/25	ZL8*09	7046289	28580428	12:08	12:32	0.9	21.66	17.23	4.43
NENT	25/04/25	UJ1*2	7046289	28580426	12:22	12:46	0.97	19	16.25	2.75
NENT	25/04/25	XP3*0	7046289	28580251	12:33	12:59	0.39	25.54	19.73	5.81
NENT	25/04/25	YN8*99	7046289	28580425	12:49	13:14	0.96	18.88	15.89	2.99
NENT	25/04/25	TA9*5	7046289	28580250	13:42	14:11	1.55	19.95	17.06	2.89
NENT	25/04/25	ZL8*09	7046289	28580429	13:50	14:16	0.87	20.88	17.23	3.65
NENT	25/04/25	UJ1*2	7046289	28580431	14:15	14:42	0.53	20.2	16.43	3.77
NENT	25/04/25	YN8*99	7046289	28580432	14:28	14:53	0.82	19.7	15.89	3.81
NENT	25/04/25	XP3*0	7046289	28580252	14:32	15:00	0.38	25.57	19.72	5.85
NENT	25/04/25	ZL8*09	7046289	28580430	15:47	16:11	1.13	21.51	17.2	4.31
NENT	25/04/25	UJ1*2	7046289	28580434	15:53	16:20	0.95	19.48	16.41	3.07
NENT	25/04/25	YN8*99	7046289	28580433	15:55	16:22	0.62	18.25	15.84	2.41
NENT	25/04/25	XP3*0	7046289	28580253	16:20	16:46	0.52	25.53	19.69	5.84
	25/04/25	1		28580437	17:12	17:39	0.72	21.01	17.19	3.82
NENT	23/07/23	ZL8*09	7046289	20300437	11/.12	117.35	0.72	21.01	11/.19	13.02

NENT	25/04/25	YN8*99	7046289	28580436	17:15	17:41	0.26	18.01	15.85	2.16
NENT	26/04/25	TA7*21	7046289	28580254	08:03	08:26	1.13	19.7	14.95	4.75
NENT	26/04/25	UJ1*2	7046289	28580439	08:04	08:27	1.03	18.67	16.37	2.3
NENT	26/04/25	ZL8*09	7046289	28580401	08:35	08:59	0.97	20.57	17.14	3.43
NENT	26/04/25	UJ1*2	7046289	28580440	09:18	09:43	0.14	19.99	16.42	3.57
NENT	26/04/25	TA7*21	7046289	28580255	09:22	09:48	0.44	19.57	14.95	4.62
NENT	26/04/25	TA7*21	7046289	28580402	10:52	11:18	0.74	18.85	14.95	3.9
NENT	26/04/25	UJ1*2	7046289	28580403	10:57	11:22	0.46	20.36	16.35	4.01
NENT	26/04/25	UJ1*2	7046289	28580404	12:50	13:15	0.54	19.92	16.33	3.59
NENT	26/04/25	YN8*99	7046289	28580407	13:18	13:47	1.52	19.64	15.78	3.86
NENT	26/04/25	TA9*5	7046289	28580405	13:23	13:49	1.46	21.02	17.12	3.9
NENT	26/04/25	UJ1*2	7046289	28580408	14:30	14:53	0.74	19.23	16.31	2.92
NENT	26/04/25	YN8*99	7046289	28580257	15:11	15:38	1.54	18.96	15.76	3.2
NENT	26/04/25	TA9*5	7046289	28580406	15:13	15:37	1.39	21.53	17.11	4.42
NENT	26/04/25	UJ1*2	7046289	28580409	15:57	16:21	0.47	20.7	16.3	4.4
NENT	26/04/25	TA9*5	7046289	28580256	17:03	17:29	1.42	21.25	17.1	4.15
NENT	26/04/25	YN8*99	7046289	28580258	17:04	17:29	1.57	20.13	15.75	4.38
NENT	26/04/25	UJ1*2	7046289	28580259	17:27	17:47	0.41	20.13	16.4	3.73
NENT	28/04/25	TA7*21	7046289	28580260	08:01	08:23	1.02	19.55	14.96	4.59
NENT	28/04/25	UJ1*2	7046289	28580261	08:03	08:27	1.1	20.23	16.37	3.86
NENT	28/04/25	ZL8*09	7046289	28580410	08:03	08:29	1.24	21.55	17.12	4.43
NENT	28/04/25	ZL8*09	7046289	28580263	09:30	10:00	1.22	18.33	17.13	1.2
NENT	28/04/25	TA7*21	7046289	28580411	09:31	10:00	1.25	16.98	14.98	2
NENT	28/04/25	UJ1*2	7046289	28580262	09:36	10:05	0.82	17.75	16.39	1.36
NENT	28/04/25	TA7*21	7046289	28580414	11:07	11:32	1.14	19.52	14.96	4.56
NENT	28/04/25	UJ1*2	7046289	28580413	11:24	11:46	0.92	19.21	16.36	2.85
NENT	28/04/25	ZL8*09	7046289	28580412	11:31	11:53	1.11	19.98	17.11	2.87
NENT	28/04/25	UJ1*2	7046289	28580415	12:51	13:17	0.77	17.7	16.34	1.36
NENT	28/04/25	TA9*5	7046289	28580266	13:21	13:49	1.16	21.25	17.06	4.19
NENT	28/04/25	ZL8*09	7046289	28580264	13:35	14:00	1.12	21.22	17.08	4.14
NENT	28/04/25	YN8*99	7046289	28580265	13:44	14:13	1.07	19.46	15.83	3.63
NENT	28/04/25	UJ1*2	7046289	28580416	14:23	14:47	1.07	19.25	16.32	2.93
NENT	28/04/25	ZL8*09	7046289	28580268	15:15	15:41	1.32	19.31	17.07	2.24
NENT	28/04/25	TA7*21	7046289	28580417	15:29	15:54	0.96	19.21	14.9	4.31

NENT	28/04/25	TA9*5	7046289	28580267	15:30	16:00	1.19	21.16	17.04	4.12
NENT	28/04/25	ZL8*09	7046289	28580418	16:50	17:14	1.33	21.38	17.05	4.33
TM38FB	01/04/25	YA8*35	7046289	28579900	15:28	15:37	0	36.65	15.5	21.15
TM38FB	16/04/25	YA8*5	7046289	28579901	09:20	09:27	0	37.04	16.35	20.69
TM38FB	16/04/25	NW3*63	7046289	28579902	09:24	09:30	0	36.2	16.46	19.74
TM38FB	16/04/25	YA8*5	7046289	28579903	12:23	12:28	0	36.42	16.32	20.1
TM38FB	16/04/25	NW3*63	7046289	28579904	12:29	12:35	0	36.38	16.41	19.97
TM38FB	16/04/25	YA8*5	7046289	28579905	14:21	14:37	0	36.65	16.29	20.36
TM38FB	16/04/25	NW3*63	7046289	28579906	14:21	14:39	0	36.89	16.4	20.49
TM38FB	16/04/25	YA8*5	7046289	28579907	16:30	16:46	0	37.13	16.22	20.91
TM38FB	16/04/25	NW3*63	7046289	28579908	16:32	16:49	0	36.91	16.36	20.55
TM38FB	17/04/25	NW3*63	7046289	28579909	09:13	09:20	0	36.99	16.45	20.54
TM38FB	17/04/25	NW3*63	7046289	28579910	11:20	11:26	0	36.96	16.42	20.54
TM38FB	17/04/25	NW3*63	7046289	28579911	14:01	14:08	0	36.68	16.36	20.32
TM38FB	17/04/25	NW3*63	7046289	28579912	16:20	16:28	0	36.96	16.34	20.62
TM38FB	22/04/25	YA8*5	7046289	28579913	08:56	09:03	0	37.1	16.37	20.73
TM38FB	22/04/25	NW3*63	7046289	28579914	10:00	10:07	0	36.93	16.45	20.48
TM38FB	22/04/25	YA8*5	7046289	28579915	11:04	11:09	0	37.27	16.33	20.94
TM38FB	22/04/25	NW3*63	7046289	28579916	12:09	12:17	0	36.87	16.42	20.45
TM38FB	22/04/25	YA8*5	7046289	28579917	14:03	14:09	0	36.17	16.27	19.9
TM38FB	22/04/25	NW3*63	7046289	28579918	14:18	14:30	0	36.75	16.38	20.37
TM38FB	22/04/25	YA8*5	7046289	28579919	15:53	16:00	0	36.73	16.24	20.49
TM38FB	22/04/25	NW3*63	7046289	28579920	16:29	16:35	0	36.8	16.35	20.45
TM38FB	22/04/25	YA8*5	7046289	28579921	18:07	18:14	0	37.02	16.2	20.82
TM38FB	25/04/25	TA7*21	7046289	28580435	16:45	16:52	0	23.33	14.85	8.48
TM38FB	26/04/25	YL1*26	7046289	28579922	09:09	09:18	0	36.65	16.59	20.06
TM38FB	26/04/25	NS9*0	7046289	28579923	10:54	11:03	0	37.58	15.75	21.83
TM38FB	26/04/25	YL1*26	7046289	28579924	11:26	11:31	0	37.06	16.56	20.5
TM38FB	26/04/25	NS9*0	7046289	28579941	13:06	13:15	0	36.86	15.72	21.14
TM38FB		YL1*26	7046289	28579925	14:40	14:53	0	36.57	16.51	20.06
TM38FB	26/04/25	NS9*0	7046289	28579926	14:59	15:05	0	36.02	15.69	20.33
TM38FB		YL1*26	7046289	28579927	16:42	16:51	0	36.98	16.64	20.34
TM38FB	26/04/25	NS9*0	7046289	28579928	16:47	17:03	0	36.29	15.67	20.62
TM38FB	28/04/25	YL1*26	7046289	28579929	09:12	09:22	0	36.91	16.62	20.29
TM38FB	28/04/25	NS9*0	7046289	28579930	09:27	09:37	0	36.22	15.68	20.54
TM38FB	28/04/25	RL9*69	7046289	28579931	10:02	10:08	0	29.16	14.14	15.02

#### REMARKS

堆填區 Langiu	NENT	新界東北堆填區 North East New Territories
公眾值料達收設施	TM38FB	屯門第38區填料庫 Fill Bank at Tuen Mun Area 38

APPENDIX M COMPLAINT LOG

# Appendix M - Complaint Log

Reporting month: April 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 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. 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) 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	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)	<ul> <li>is strictly adhering to the conditions of the construction noise permit.</li> <li>Record of Site Investigation</li> <li>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.</li> <li>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</li> </ul>	Closed
					discharged from the above locations. Advice: For the Contractor: 1)The Contractor strictly complies with the	

			requirements of relevant environmental ordinances and EM&A Manual. 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. For EPD officer: 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. 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	The complainant alleged in Chinese, as shown below: 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 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 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	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. Noise and Vibration: The operation of heavy machinery can contribute to noise and vibration pollution, which can disturb local wildlife or sensitive wildlife habitats.	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. 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.	N.A. Use of Electric-Powered Equipment: Electric- powered equipment is generally qui- eter than diesel powered equipment to help reduce noise pollution.
<b>Disturbance of Local Ecosystems:</b> 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.	<ol> <li>Improved Fuel Efficiency and Maintenance: Promoting fuel-efficient practices and regular maintenance of machinery can help reduce emissions.</li> <li>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.</li> </ol>
Water Pollution: Drilling operations have the	Proper containment and lining of mud pools is crucial to	1. Horizontal Directional Drilling (HDD): HDD is a

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.	<ul> <li>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.</li> <li>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</li> </ul>
		water contamination from these sources.
Soil Disturbance: The use of heavy machinery	1. Proper Planning and Design: Incorporate soil protection	A helical pile is a type of deep foundation system
can cause soil compaction and disturbance,	measures into the initial planning and design phase of	used in construction. It consists of a steel shaft with
particularly during drilling operations or	construction projects. This includes identifying sensitive	helical plates or blades that are twisted into the
movement of equipment. This soil	areas and implementing appropriate construction	ground to provide support for structures. Helical
disturbance can disrupt the natural structure	techniques to minimize soil disturbance.	piles are commonly used in situations where
and composition of the soil, affecting its	2. Ground Improvement Techniques: Techniques like soil	traditional foundation methods are impractical or
ability to support vegetation growth and	stabilization, grouting, and compaction can help improve	costly, such as in areas with poor soil conditions or
nutrient cycling.	the soil's strength and stability, reducing the likelihood of	limited access for heavy machinery.
	soil disturbance during construction.	
Energy Consumption: The operation of	1. Training: workers are trained in the importance of energy	1. Prefabrication and Modular Construction:
machinery requires energy, typically derived	conservation and efficiency. This could involve instruction	Prefabrication and modular construction
from fossil fuels. The extraction, processing,	on when to turn off equipment, how to use machinery	methods involve manufacturing building
and combustion of these fuels contribute to	efficiently, and the benefits of energy conservation.	components off-site and assembling them on-
greenhouse gas emissions and contribute to	2. Efficient Equipment and Machinery: Use energy-efficient	site. This approach reduces energy consumption
climate change.	machinery and equipment that consume less energy	by streamlining the construction process,
	during operation. Regular maintenance and proper	minimizing material waste, and optimizing
	calibration of machinery can also improve energy	energy usage during manufacturing.
	efficiency and reduce energy waste.	2. Lean Construction: This methodology helps
		energy optimization in construction processes.

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

	<u>Type</u>	Brand	Model	<u>S/N No.</u>	Engine Make	Engine Model	NRMM No.	Approval, Exemption or Modification	QPME no.	<u>QPME</u> Expiry Date	Sound Power Lev
		Airman	SDG100S-3B1	1533B10240	ISUZU	BI-4HK1XYGD-02	EPD-A-003542-2017	Approval	EPD-06206R	十二月-29	92
Forkl		Mitsubishi	fd25nt	CF18C-81179	Mitsubishi	\$4\$	EPD-A-007117-2016	Approval			
		Airman	SDG60S-3B1	14A3B10240	ISUZU	BJ-4JJ1XYGD-04	EPD-A-003657-2017	Approval	EPD-06274R	十二月-29	90
		Denyo	DCA-220ESEI	3936288	ISUZU	6UZ1	EPD-A-001848-2019	Approval	EPD-08614	八月-25	96
Forkl		Doosan	D30NXP	FDA41-1670-02844	YANMAR	4TNE98-BQDF1CC	EPD-A-000153-2023	Approval	500.031100	1 0 22	
		Nippon Sharyo	NES150TI	DG041900	ISUZU	BH-6HK1X	EPD-A-001707-2018	Approval	EPD-07118R	七月-30	92
Fork		Mitsubishi	FD30NT	CF14E-16891	Mitsubishi	S4S	EPD-A-000779-2017	Approval	500.010400	1 17 05	0.5
		Nippon Sharyo Komatsu	NES220EM PC138US-8NM	FJ083800 29202	Guangxi Yuchai KOMATSU	YC6A275-D30 SAA4D95LE-5	EPD-M-002058-2020 EPD-A-000710-2021	Approval	EPD-01840R	七月-25	95
		Hitachi	ZX75US-3	HCM1P300A00062042	ISUZU	AU-4LE2X	EPD-A-003158-2019	Approval			
		Nissha	NES150TI	DG028600	Isuzu	BH-6HK1X	EPD-A-003138-2019 EPD-A-004698-2016	Approval	EPD-03628R	四月-28	92
		Airman	SDG45S-3B1	1333B10475	Kubota	V3800-T	EPD-A-0004058-2018	Approval Approval	EPD-06536R	二月-30	87
		Nippon Sharyo	NES150TI	DG042300	ISUZU	BH-6HK1X	EPD-A-002077-2018	Approval	EPD-00330K	八月-30	92
		Yanmar	ViO40-5	51036B	Yanmar	4TNV88-PBV	EPD-A-000128-2019	Approval	LI D 0/202	70350	52
		Hitachi	ZX350K-3	HCM1V900T00056936	ISUZU	6HK1-XDHAA-01-C2	EPD-A-000772-2020	Approval			
		Kobelco	SK135SR-2	YY06-15612	Mitsubishi	D04FR	EPD-A-000581-2022	Approval			
		Liugong	CLG922E	CLG922EZHPE718565	Cummins	QSB7	EPD-A-003163-2023	Approval			
		BITELLI	DTV325	000816	HATZ	2M41	EPD-EE-018554-2015	Exemption			
Load	der	Bobcat	S450	B1ED11528	Kubota Corporation	V2403-M-DI-EU32	EPD-A-005651-2016	Approval			
Exca	avator	Kobelco	SK225SR	YB05-03058	Hino	AA-J05E-TA	EPD-A-001400-2022	Approval			
		Kato	HD820V	KWJ01E01PC0006237	Mitsubishi	4M50-TLE3A	EPD-A-003461-2021	Approval			1
		Kobelco	SK135SR-2	YY06-22265	Mitsubishi	D04FR	EPD-A-005755-2016	Approval			
		Nippon Sharyo	NES60TK2	KS013000	Kubota	V3800-DI-TI-K3A	EPD-A007294-2016	Approval	EPD-04519R	十二月-28	90
Road		Dynapac	CC1300	10000334E0A010764	Kubota	V22030	EPD-EE-019550-2015	Exemption			
Road		BOMAG	BW131AD-2	751750101550	KUBOTA	V1505	EPD-A-001349-2022	Approval			
Load	der	Liugong	CLG365B	LGC365BZCPC503358	Perkins	404D-22	EPD-A-000432-2024	Approval			
Gene	erator	Airman	SDG60S-3B1	14A3B10618	ISUZU	BJ-4JJ1XYGD-04	EPD-A-002916-2022	Approval	EPD-12884	十二月-28	90
Gene	erator	Airman	SDG125S-3B1	1263B10611	ISUZU	BI-4HK1XYGD-02	EPD-A-000878-2024	Approval	EPD-14678	四月-30	92
Gene	erator	Airman	SDG150S-3B1	1723B10569	ISUZU	BH-6HK1XYGD-11	EPD-A-002208-2023	Approval	EPD-13957	九月-29	95
		Nippon Sharyo	NES220EM	FJ091800	Guangxi Yuchai	YC6A275-D30	EPD-M-003034-2023	Approval	EPD-02303R	六月-26	95
		Kobelco	SK135SR-2	YY06-18660	Mitsubishi	D04FR	EPD-A-003077-2019	Approval			
		Airman	SDG220L-5B1	P8BB1-0529	ISUZU	BH-6UZ1XYGD-04	EPD-A-001084-2024	Approval	EPD-14827	五月-30	94
		Kobelco	SK210D	YN11-50763	Hino	AA-J05E-TA	EPD-A-002407-2019	Approval			
		Yanmar	VIO40-5B	58375	YANMAR	4TNV88-BXBVD	EPD-A-005390-2016	Approval			
Load		BOBCAT	S450	B5NB11534	KUBOTA	V2403	EPD-A-001492-2024	Approval			
		BOBCAT	D30NXP	FDA41-4920-03786	Yanmar	4TNE98	EPD-A-001869-2024	Approval			
		Kobelco	SK210DLC	YQ11-06431	Hino	J05E-TA	EPD-A-002156-2021	Approval			
		SANY	STB650T5-8	TE0065CE0130	WEICHAI	WP7G300E473	EPD-A-001095-2024	Approval	EPD-14911	六月-30	104
		Yanmar	VIO27-5	50513B	Circotecile	MC11.40-50	EPD-A-001854-2019	Approval			
		XCMG XCMG	XCT90 XCT60L6	LXGCPA488KA013688 LXGCPA468MA016172	Sinotruk Sinotruk	MC11.36-50	EPD-A-002675-2021 EPD-A-001848-2018	Approval			
		Kobelco	SK225SR	B91501	HINO	AA-JOSE-TA	EPD-A-001848-2018 EPD-A-000731-2018	Approval	EPD-06744R	四月-30	90
		Airman	SDG60S-3B1	14A3B10251	ISUZU	BJ-4JJ1XYGF-04	EPD-A-000731-2018 EPD-A-001681-2017	Approval Approval	EPD-05465R	六月-29	90
		Nippon Sharyo	NES60TK2	KS016800	Kubota	V3800-T	EPD-A-001081-2017 EPD-A-006031-2016	Approval	LFD-03403K	71/17-23	30
		Toyota	82-8FD25	808FD25-60042	Toyota	3Z	EPD-A-006795-2016	Approval			
speci		Mitsubishi	FD25NT	CF18C-81122	Mitsubishi	S4S	EPD-A-000971-2023	Approval			
	avator	YANMAR	VI040-5B	53530B	Yanmar	4TNV88-BXBV	EPD-A-002453-2024	Approval			
		HANGCHA	CPCD30	15BD03754	ZHEJIANG XINCHAI	3E22YG51	EPD-A-001692-2017	Approval	EPD-05457R	六月-29	94
		Nippon Sharyo	NES220TI	FM029600	ISUZU	BH-6UZ1X	EPD-A-007295-2016	Approval	EPD-04530R	十二月-28	93
		Nippon Sharyo	NES125TI2	CJ010600	ISUZU	BI-4HK1X	EPD-A-002052-2019	Approval	LI D O ISSOIT	1 = / 1 20	55
		Caterpillar	320D	CATO0320DEBWZ02549	Caterpillar	JDR-C6.4	EPD-A-001665-2017	Approval			
		Caterpillar	320D	CAT0320DTRBL00223	Caterpillar	C6.4	EPD-A-000170-2024	Approval			
		LGMG	AR20J	LWJAZ200HP1730100	KUBOTA	V2403	EPD-A-001105-2024	Approval			
		Doosan	D30NXP	FDA41-1670-03634	Yanmar	4TNE98	EPD-A-002162-2024	Approval	1		1
		KATO	HD308USV	KWJ08E01KE0006092	ISUZU	4LE2	EPD-A-000949-2022	Approval			
Excav	avator	KATO	HD512-6	KWJ22E01VF0005265	ISUZU	AM-4JJ1X	EPD-A-000403-2021	Approval			
		Toyota	82-8FD25	808FD25-80056	Toyota	3Z	EPD-A-000229-2020	Approval			
Exca	avator	Yanmar	ViO40-5B	58278	Yanmar	4TNV88-BXBVD	EPD-EE-011031-2015	Exemption			
Road	d works machine	Dynapac	CC142	10000309L0A005769	DEUTZ	D2011L03I	EPD-A-000229-2020	Approval			
Exca	avator	Yanmar	ViO40-5B	58278	Yanmar	4TNV88-BXBVD	EPD-A-001956-2018	Approval	EPD-07182R	七月-30	97
		Denyo	DCA-400ESEI	3925008	ISUZU	6WG1	EPD-A-001756-2024	Approval			
		Hitachi	ZX225US-5B	HCMDCNA0V00304717	ISUZU	AM_4HK1XZSA-03	EPD-A-003242-2018	Approval			
		Kubota	U40-5	70355	Kubota	V22030	EPD-A-000259-2023	Approval			
		JLG	860SJ	B300016171	DEUTZ	TD2.9L4	EPD-A-002347-2018	Approval			
		JLG	1500SJ	300200725	DEUTZ	TD2011L04	EPD-A-000071-2024	Approval			
		JLG	1350SJP	B300024042	DEUTZ	TD2.9L4	EPD-A-000707-2019	Approval			
		Caterpillar	335FLCR	CAT0335FASGJ20547	Caterpillar	C7.1	EPD-A-003033-2017	Approval			
Exca		Kobelco	SK200-8	YN12-65530	Hino	J05E-TA	EPD-A-001633-2018	Approval	EPD-07064R	六月-30	90
	orator	Nippon Sharyo	NES60TK2	KS023500	Kubota	V3800-T	EPD-A-003470-2017	Approval	EPD-06202R	十二月-29	87
Gene		Hitachi	ZX470LCH-3	HCM1J200K00020587	ISUZU	AH-6WG1X	EPD-A-001702-2017	Approval			

APPENDIX Q Wastewater Discharge Layout Plan

