# Environmetnal Team Services for Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot

## 44th Monthly EM&A Report (Jun 2025)

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**Date:** 15 July 2025

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# Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot

44th Monthly EM&A Report

**Yau Lee Construction Co, Ltd**

2025-07-14

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# Contents



## Appendix

# Executive Summary

Aurecon Hong Kong Limited (Aurecon) was commissioned by the Yau Lee Construction Co, Ltd (Yau Lee) to undertake the role of Environmental Team (ET) for carrying out the environmental monitoring and audit (EM&A) works for the "Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot (The Project).

An Environmental Permit (EP) No. EP-505/2015 was issued by the Environmental Protection Department (EPD) on 17 December 2015 for the construction of this project based on the Environmental Impact Assessment (EIA) Report (Register No: AEIAR-191/2015) approved by the EPD. The latest EP No. EP-505/2015/A was subsequently issued by the EPD on 8 November 2019 based on the documents (including an Environmental Review Report (ERR)) for the application of Variation of Environmental Permit.

The construction phase and EM&A programme of the Project commenced on 25 November 2021.

This 44th Monthly EM&A Report presents the EM&A works conducted from 01 June 2025 to 30 June 2025 in accordance with the EM&A Manual.

**Summary of Construction Works undertaken during Report Period**

The major construction works undertaken during the reporting period include:

- Superstructure works has been completed in mid-Mar 2025
- All MiC modules and precast elements has been finished installation
- Architectural finishing works and BS installation works

**Environmental Monitoring and Audit Progress**

A summary of the monitoring activities in this reporting period is listed below:

| | | |
|---|---|---|
| - | Construction Noise Monitoring during normal weekdays at each monitoring station | 4 times |
| - | Joint Environmental Site Inspection | 4 times |

**Noise**

4 sets of 30-minute construction noise measurement were carried out at each monitoring stations during normal weekdays of the reporting period. No exceedance of Action and Limit Levels of construction noise was recorded during the reporting period.

**Environmental Site Inspection**

Joint environmental site inspections were carried out on 06, 12, 19 and 26 June 2025. The joint environmental site inspection was carried out by the representatives of the Engineer's Representative (ER), the Contractor, IEC and the ET on 06 June 2025. The Contractor has generally implemented the mitigation measures as recommended.

**Environmental Exceedance/Non-conformance/Compliant/Summons and Prosecution**

No exceedance of the Action and Limit Levels of construction noise was recorded at designated monitoring stations during the reporting period.

No non-compliance event was recorded during the reporting period.

No environmental complaint and no summons/prosecutions were received in this reporting period.

EPD conducted general site inspection on 19 June 2025. No special findings were identified during the inspection.

**Future Key Issues**

Works to be undertaken in the next month include:

- Architectural finishing works and BS installation works
- Preparation works for Gov. inspection works (WSD, FSD, DSD)

Potential environmental impacts arising from the above construction activities are mainly associated with dust, construction noise, site runoff and waste management.

# 1 Introduction

1.1.1 Aurecon Hong Kong Limited (Aurecon) was commissioned by the Yau Lee Construction Co, Ltd (Yau Lee) to undertake the role of Environmental Team (ET) for carrying out the environmental monitoring and audit (EM&A) works for the “Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot (The Project).

## 1.2 Purpose of this Report

1.2.1 This is the forty-fourth EM&A report which summarises the impact monitoring results and audit findings for the EM&A programme during the reporting period from 01 June 2025 to 30 June 2025.

## 1.3 Structure of the Report

1.3.1 The structure of the report is as follows:

Section 1 - Introduction
- details the background, purpose and structure of the report.

Section 2 - Project Information
- summarises background and scope of the Project, site description, project organization and contact details, construction programme, the construction works undertaken and the status of Environmental Permit(s)/License(s) during the reporting period.

Section 3 - Environmental Monitoring Requirement
- summarises the monitoring parameters, monitoring programmes, monitoring methodologies, monitoring frequency, monitoring locations, Action and Limit Levels, Event/Action Plans.

Section 4 - Implementation Status on Environmental Mitigation Measures
- summarises the implementation of environmental protection measures during the reporting period.

Section 5 - Monitoring Results
- summarises the monitoring results obtained in the reporting period.

Section 6 - Environmental Site Auditing
- summarises the audit findings of the weekly site inspections undertaken within the reporting period.

Section 7 - Environmental Non-conformance
- summarises any monitoring exceedance, environmental complaints and environmental summons within the reporting period.

Section 8 - Future Key Issues
- summarises the impact forecast and monitoring schedule for the next reporting month.

Section 9 - Review of EM&A Data and EIA Predictions
- compares and contrasts the EM&A data in the month with the EIA predictions and annotates with explanation for any discrepancies.

Section 10 - Conclusions

# 2 Project Information

## 2.1 Background

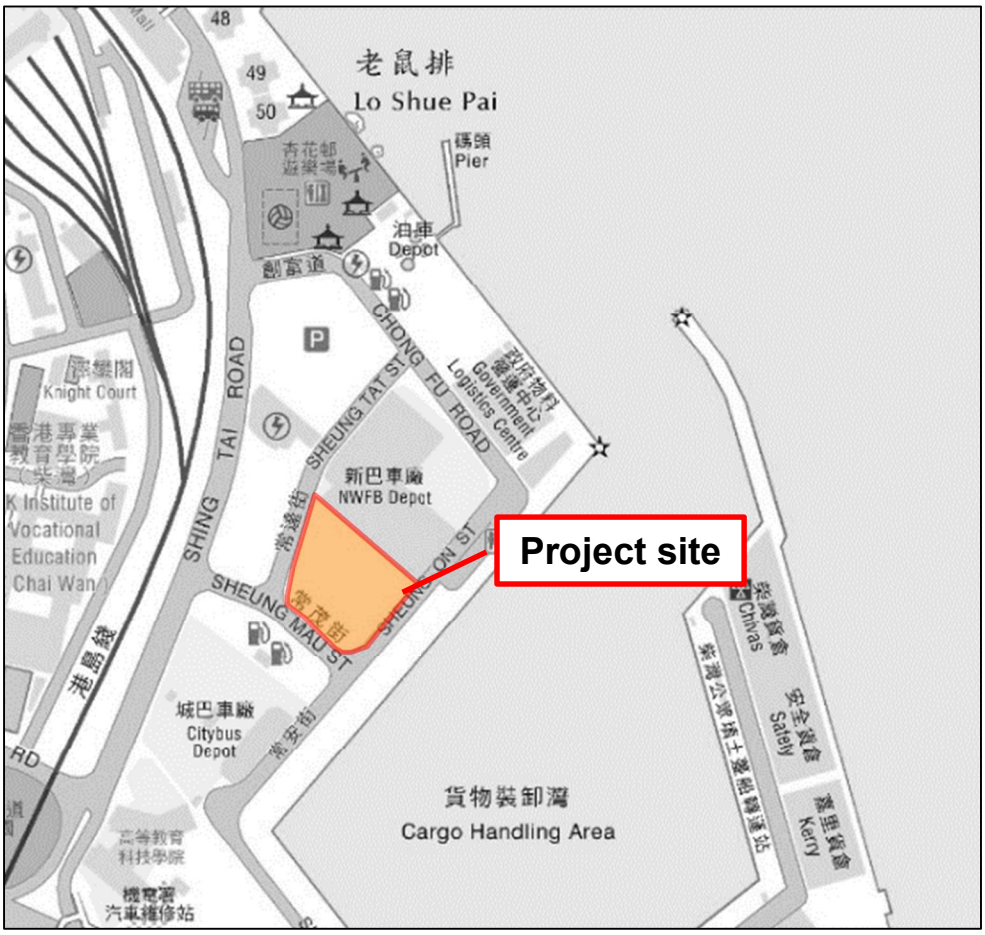
2.1.1 On 5 October 2015, the Environment Impact Assessment (EIA) for the proposed "Chai Wan Government Complex and Vehicle Depot" (AEIAR-191/2015, hereafter referred to as "the Project") was approved and an Environmental Permit (EP) (EP-505/2015) for the construction of the Project was issued. The latest EP No. EP-505/2015/A was subsequently issued by the EPD on 8 November 2019 based on the documents (including an Environmental Review Report (ERR)) for the application of Variation of Environmental Permit.

2.1.2 The construction phase and EM&A programme of the Project commenced on 25 November 2021.

## 2.2 Site Description

2.2.1 The scope of works of the Project, which is a Designated Project under the EIA Ordinance (EIAO), will construct joint user building comprising the government office, store, laboratory, transport pool and vehicle depot facilities in Chai Wan District. The Site is bounded by NWFB Depot to the north, Sheung On Street to the east, Sheung Mau Street to the south and Sheung Tat Street to the west. A layout plan of the Project is provided in **Figure 1-1**.

**Figure 1-1 A layout plan of the Project**




## 2.3 Construction Activities

2.3.1 A summary of the major construction activities undertaken in this reporting period is shown in **Table 2.1** and the construction programme is illustrated in **Appendix 1**.

**Table 2-1 Major Construction Activities Undertaken in the Reporting Period**

| Construction Activities Undertaken |
|---|
| - Superstructure works has been completed in mid-Mar 2025 |
| - All MiC modules and precast elements has been finished installation |
| - Architectural finishing works and BS installation works |

## 2.4 Project Organisation

2.4.1 The Project organization chart and contact details are shown in **Appendix 2**.

## 2.5 Status of Environmental Approval Document

2.5.1 A summary of the relevant valid permits, licences, and/or notifications on environmental protection for this Project since the granting of the EP is presented in **Table 2.2**.

**Table 2-2 Summary of the relevant valid permits, license, and/or notification on environmental protection**

| Permit / Licenses / Notification | Reference | Validity Period | Remark |
|---|---|---|---|
| Environmental Permit (EP) | EP-505/2015/A | Throughout the Contract | Permit granted on 8 November 2019 |
| Notification of Construction Works as required under Air Pollution Control (Construction Dust) Regulation | 469716 | Throughout the Contract | Approved on 21 July 2021 |
| Registration of Waste Producer under Waste Disposal Ordinance | 7041313 | Throughout the Contract | Approved on 13 August 2021 |
| Registration as Chemical Waste Producer | 5213-163-Y2782-01 | Throughout the Contract | Approved on 24 August 2021 |
| Effluent Discharge License under Water Pollution Control Ordinance | WT00038924-2021 | 30 September 2026 | Approved on 9 December 2021 |

# 3 Environmental Monitoring Requirements

## 3.1 Noise Monitoring Locations

3.1.1 The noise monitoring locations in approved EM&A Manual are summarised in **Table 3-1** and shown in **Figure 3-1**.

**Table 3-1 Noise Monitoring Station in Approved EM&A Manual**

| Noise Monitoring ID | Proposed Noise Monitoring Location | Remark |
|---|---|---|
| NM1 | Ground Floor at Heng Fa Chuen Block 50 | - |
| NM2b | Pedestrian road at Shing Tai Road | * |
| NM3 | Rooftop of THEi Campus | - |

Remark: * - Hong Kong Institute of Vocational Education (Chai Wan) - Academic Block (NM2) is the noise monitoring stations for the construction phase EM&A programme as identified in the approved EM&A Manual for the Project. The access to NM2 and Knight Court (as a VTC Senior Quarters and NSR3 in approved EIA) were denied. A search for alternative noise monitoring locations along Shing Tai Road and Sheung Mau Street was carried out during the site visit on 4 October 2021.

Lamp Post no. 47447 at Sheung Mau Street (NM2a), which is located between project site and original noise monitoring location, Hong Kong Institute of Vocational Education (Chai Wan) - Academic Block (NM2), is found suitable and available to be an alternative noise monitoring location for NM2. Also, NM2a, which has a direct line of sight towards project site (where construction works will be carried out and likely to have noise impacts), is located closer to project site than NM2 and thus considered as a representative noise monitoring location. Monitoring position at NM2a is proposed at 2m above ground due to security concerns and minimize the road traffic noise contribution. Noise measurement at NM2a will be considered as free-field and a correction of +3dB(A) would be made to the noise monitoring results. The alternative location of NM2a, were therefore proposed and agreed by the Independent Environmental Checker (IEC).

Due to the adjustment of the location of NM2 to NM2a, the measured noise levels at NM2a would represent the noise levels at NM2.

To respond to the comment raised by EPD on monitoring location of NM2a by email dated 23 May 2022 and site meeting on 6 June 2022, the monitoring location of NM2a was adjusted to the pedestrian road at Shing Tai Road (NM2b) which is located between project site and original noise monitoring location, Hong Kong Institute of Vocational Education (Chai Wan) - Academic Block (NM2). Compared with NM2a, NM2b is far away from the traffic light and therefore should be able to minimise the traffic noise issue. This arrangement was started from 28 June 2022 and has been agreed by the Independent Environmental Checker (IEC). Noise measurement at NM2b will be considered as free-field and a correction of +3dB(A) would be made to the noise monitoring results.

Due to the adjustment of the location of NM2a to NM2b, the measured noise level at NM2b would represent the noise levels at NM2.

**Figure 3-1 Location of Noise Monitoring Stations (NM1, NM2b and NM3)**


## 3.2 Monitoring Parameters, Frequency and Duration

3.2.1 Weekly construction noise monitoring was conducted in accordance with the requirements stipulated in the EM&A Manual. The monitoring programme for this reporting period is shown in **Appendix 3.**

3.2.2 **Table 3-2** summarizes the monitoring parameters, frequency and duration of the impact noise monitoring.

**Table 3-2 Noise Monitoring Parameters, Period and Frequency**

| Time Period | Parameters |
|---|---|
| Daytime on normal weekdays (0700-1900 hrs) | $L_{eq(30\ mins)}$, $L_{10(5\ mins)}$ and $L_{90(5\ mins)}$ |
| Evening time on all days (1900-2300 hrs) and Holidays (including Sundays) during daytime and evening (0700-2300 hrs) | $L_{eq(5\ mins)}$, $L_{10(5\ mins)}$ and $L_{90(5\ mins)}$ |
| All days during the night-time (2300-0700 hrs of the next day) | $L_{eq(5\ mins)}$ $L_{10(5\ mins)}$ and $L_{90(5\ mins)}$ |

## 3.3 Monitoring Equipment

3.3.1 Noise measurements were conducted in accordance with the calibration and measurement procedures as stated in Annex – General Calibration and Measurement Procedures of Technical Memorandum on Noise from Construction Work other than Percussive Piling (GW-TM) issued under the Noise Control Ordinance (NCO) (Cap.400).

3.3.2 The sound level meter and calibrator used for the noise measurement, as listed in **Table 3-3**, complies with IEC 651: 1979 and 804:1985 (Type 1) specification. The calibration certificates of the sound level meter and calibrator are given in **Appendix 4.**

**Table 3-3 Noise Monitoring Equipment**

| Monitoring Station | Monitoring Equipment (Sound Level Meter and Calibrator) |
|---|---|
| NM1 | Sound Level Meter: Rion NL 52(s/n:00643039)<br>Calibrator: Larson Davis Cal 200(s/n: 10227) |
| NM2b | |
| NM3 | |

3.3.3 Immediately prior to and following the noise measurements, the accuracy of the measurement equipment was checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements were accepted as the calibration level from before and after the noise measurement agree to within 1.0 d(B).

3.3.4 A portable wind speed meter shall be used for measuring wind speeds in m/s.

## 3.4 Event / Action Plan

**Table 3-4 Action and Limit Levels for Construction Noise Monitoring**

| Monitoring Station | Action Level | Limit Level | |
|---|---|---|---|
| | | Noise Criteria, $Leq_{(30mins)}$, dB(A) | Remark |
| NM1 | When one documented complaint is received | 75 | Applicable during 0700 – 1900 hours, Monday to Saturday |
| NM2b | | 70<br>65 (during examination) | |
| NM3 | | 70<br>65 (during examination) | |

3.4.1 Should non-compliance of the noise criteria occur, the Event and Action Plan as presented in **Appendix 5** should be followed.

## 3.5 Mitigation Measures

3.5.1 The mitigation measures in accordance with the EP, EIA and EM&A Manual and their implementation status are presented in **Appendix 6**.

# 4 Implementation Status on Environmental Mitigation Measures

4.1.1 The Contractor has generally implemented environmental mitigation measures and requirements as stated in the EIA Report, the EP and EM&A Manual and the contract documents. The implementation status during the reporting period is summarized in **Appendix 6**.

4.1.2 The implemented environmental mitigation measures are listed as follow:

I. The timing and sequence of construction activities were carefully arranged.

II. QPME were used to reduce the excessive noise impact.

III. Good site practices were implemented to reduce noise impact of the site activities. The practices are listed as below:

- Use only well-maintained and regularly-serviced plant during the works;
- Turn off or throttle down the plant in intermittent use to a minimum;
- Orient the plant known to emit noise strongly in one direction to face away from the NSRs;
- Use silencers, mufflers and enclosures for plant where possible and maintain properly throughout the works;
- Site fixed plant as far away from NSRs as possible; and
- Use stockpiles of excavated materials and other structures such as site buildings effectively to screen noise from the works.

IV. Movable noise barrier/acoustic sheet barriers as noise shield were adopted as far as practicable following the Construction Noise Management Plan (CNMP).

# 5 Monitoring Results

## 5.1 Noise

5.1.1 A total of 4 sets of 30-minute construction noise measurements were carried out at the monitoring stations (NM1, NM2b and NM3) during normal weekdays of the reporting period. The monitoring results together with graphical presentations are presented in **Appendix 7**. The local impacts observed near the monitoring stations were summarized below:

- NM1: Railway noise, traffic noise and Yau Lee Site.
- NM2b: Road traffic noise and Yau Lee Site.
- NM3: Cargo Handling Area and Yau Lee Site.

5.1.2 No exceedance of Action and Limit Levels of construction noise was recorded during the reporting period. Therefore, there was no record of Notification of Environmental Quality Limits Exceedance in the **Appendix 11**.

5.1.3 Baseline corrections were made when the measured noise level is higher than both the noise limit level and the baseline level, and it is made by deducting the measured noise levels with their corresponding baseline noise level. The corrected noise level (ie. Construction Noise Level) would solely represent the noise levels of Construction works.

5.1.4 The methodology is shown as below:

- When Measured noise level (Leq 30mins) > Baseline noise level (Leq30), Construction noise level is calculated
- Construction noise level = Measured noise level (Leq 30 mins) – Baseline noise level
- If Measured noise level (Leq 30mins) < Baseline noise level, Corrected noise level = Measured noise level

## 5.2 Waste Management

5.2.1 Wastes generated from this Project include inert construction and demolition (C&D) materials and non-inert C&D materials. Non-inert C&D materials were made up of general refuse, steels and paper/cardboard packaging materials. Steel materials generated from the Project were also grouped into non-inert C&D materials as the materials were not disposed of with other inert C&D materials. With reference to relevant handling records and trip tickets of this Project, the quantities of different types of waste generated in the reporting period are summarised in **Appendix 8**. The non-inert C&D materials and general refuse generated from the Project were disposed of at the NENT Landfill. A total of 532.52 tonnes of general refuse was generated during the reporting period. The inert C&D materials generated from the Project were disposed of at the Chai Wan Public Fill Barging Point (CW-PFBP) or Fill Bank at Tseung Kwan O Area 137(TKO137FB). A total of 18.97 tonnes of inert waste was generated during the reporting period.

# 6 Environmental Site Inspection

6.1.1 Joint environmental site inspection was conducted in the reporting period on 06, 12, 19 and 26 June 2025. The joint environmental site inspection was carried out by the representatives of the Engineer's Representative (ER), the Contractor, IEC and the ET on 06 June 2025. The joint environmental site inspection record is shown in **Appendix 9**. There was no noncompliance recorded during the site inspections.

6.1.2 Major findings and recommendations are summarized as follows:

06 June 2025

- The accumulated stormwater was observed on G/F. The Contractor was recommended to provide water pump and direct the accumulated stormwater to slit removed facility.
- The accumulated waste without segregation was observed on G/F. The Contractor was recommended to segregate general waste and C&D waste in designated area and the frequency of waste disposal to avoid waste accumulation.

12 June 2025

- The standing was found because of damage of water hose on G/F. The Contractor was advised to fix the damage of water hose and direct the standing water to silt removal facility for treatment.
- The accumulated waste was observed on the floor at L1. The Contractor was recommended that the construction waste should be collected into the waste skip.
- The access road was dry and dust dispersion was found at the access road. The Contractor was advised to clean the access road regularly to avoid dust dispersion.

19 June 2025

- General waste was observed on the ground of L4. The Contractor was recommended to provide enough waste skip for general waste and increase the frequency of site cleaning to ensure the site is clean and tidy.

26 June 2025

- Silt and grit were observed in the drainage of L2. The Contractor was recommended to clear silt and grit regularly to maintain the efficiency of the drainage.
- The accumulated waste without segregation was observed on L1. The Contractor was recommended to increase the frequency of waste disposal to avoid waste accumulation.

# 7 Environmental Non-conformance

## 7.1 Summary of Monitoring Exceedance

7.1 No exceedance of the Action and Limit Levels of construction noise was recorded at monitoring station during the reporting period.

## 7.2 Summary of Environmental Non-compliance

7.2.1 No non-compliance event was recorded during the reporting period.

## 7.3 Summary of Environmental Complaint

7.3.1 No environmental complaint was received during the reporting period. The cumulative statistic on environmental complaint is presented on **Table 7-1**.

7.3.2 The cumulative statistics on environmental complaints are presented in **Table 7-1**.

**Table 7-1 Cumulative Statistics on Environmental Complaints**

| Reporting Period | | Environmental Aspects | | | | |
|---|---|---|---|---|---|---|
| | | Air Quality | Noise | Water Quality | Waste | Ecology |
| June 2025 | Complaint Date | - | - | - | - | - |
| | No. of Complaint | 0 | 0 | 0 | 0 | 0 |
| Reporting Period Total | | 0 | 0 | 0 | 0 | 0 |
| Accumulate of project | | 0 | 1* | 0 | 0 | 0 |

Remarks:

1. * Equal to non-project related after the investigation.

7.3.3 Cumulative complaint / enquiry log, Summaries of complaints and enquiries are presented in **Appendix 12.**

## 7.4 Summary of Environmental Summons and Successful Prosecution

7.4.1 No summons and successful prosecution were received during the reporting period.

# 8 Future Key Issues

## 8.1 Key Issues for the Coming Month

8.1.1 Works to be undertaken for the coming monitoring periods are summarized below:

- Architectural finishing works and BS installation works
- Preparation works for Gov. inspection works (WSD, FSD, DSD)

8.1.2 Potential environmental impacts arising from the above construction activities are mainly associated with dust, construction noise, site runoff and waste management.

## 8.2 Monitoring Schedule for the Next Month

8.2.1 The tentative schedule of noise monitoring for the next reporting period is presented in **Appendix 10**.

## 8.3 Construction Programme for the Next Month

8.3.1 The most updated construction programme for the Project is presented in **Appendix 1**.

# 9 Review of EM&A Data and EIA Predictions

## 9.1 Noise

9.1.1 The EIA predicted the construction noise levels during the day-time period. In this reporting period, superstructure construction, rebar fixing, formwork erection, and concreting works were conducted. Hence, a comparison between the measured noise results in this reporting month and predicted EIA noise levels was made. (**Table 9-1**).

**Table 9-1 Comparison between the measured noise results and EIA predictions**

| Monitoring Station | EIA Predicted Construction Noise Levels, dB(A) | Baseline Noise Levels, dB(A) | Noise Monitoring Results, dB(A) | |
|---|---|---|---|---|
| | | | $Leq_{(30mins)}$, Average | Range |
| NM1 | 62 | 65.1 | 63.8 | 63 – 64 |
| NM2b | 69 | 73.4 | 70.8* | 72 – 73* |
| NM3 | 66 | 69.8 | 66.8* | 66 – 70* |

Note: * The measured noise levels exceeded the limit noise level of 70 dB and 65dB during the examination period for NM2b & NM3, but they were lower than the baseline level for NM2b & NM3. Therefore, they were not considered as an exceedance of limit level. As such the EAP was not triggered.

9.1.2 The comparison shows that the average of 30-minute construction noise levels recorded at all monitoring stations during the reporting period were higher than the EIA predicted construction noise levels but lower than the baseline noise levels. Recommended mitigation measures in **Section 5.8** of EIA will be implemented throughout the construction period.

## 9.2 Waste Management

9.2.1 The estimated amount of waste generated in this Project and the accumulated quantities of waste generated up to this reporting month are presented in **Appendix 8**. The amount of construction waste generated are minimal. Recommended mitigation measures in **Section 8.5** of the EIA will be implemented during the construction stage.

## 9.3 Conclusion of Review

9.3.1 The EIA predictions against the monitoring results since the commencement of construction works have been reviewed. The EIA concluded that the Project would not cause adverse impacts to the environment, and the monitoring results have also indicated the same so far. Mitigation measures recommended in the EP, EIA, EM&A Manual and the contract documents will continue to be implemented throughout the construction phase of the Project.

# 10 Conclusion

10.1.1 For construction noise, no Action and Limit Level exceedance was recorded at the monitoring stations during the reporting period.

10.1.2 Environmental site inspection was carried out on 06, 12, 19 and 26 June 2025. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

10.1.3 EPD conducted general site inspection on 19 June 2025. No special findings were identified during the inspection.

10.1.4 No complaint was recorded during the reporting period.

10.1.5 No notification of summons and prosecution was received during the reporting period.

10.1.6 The ET will keep track on the EM&A programme to ensure compliance of environmental requirements and the proper implementation of all necessary mitigation measures.

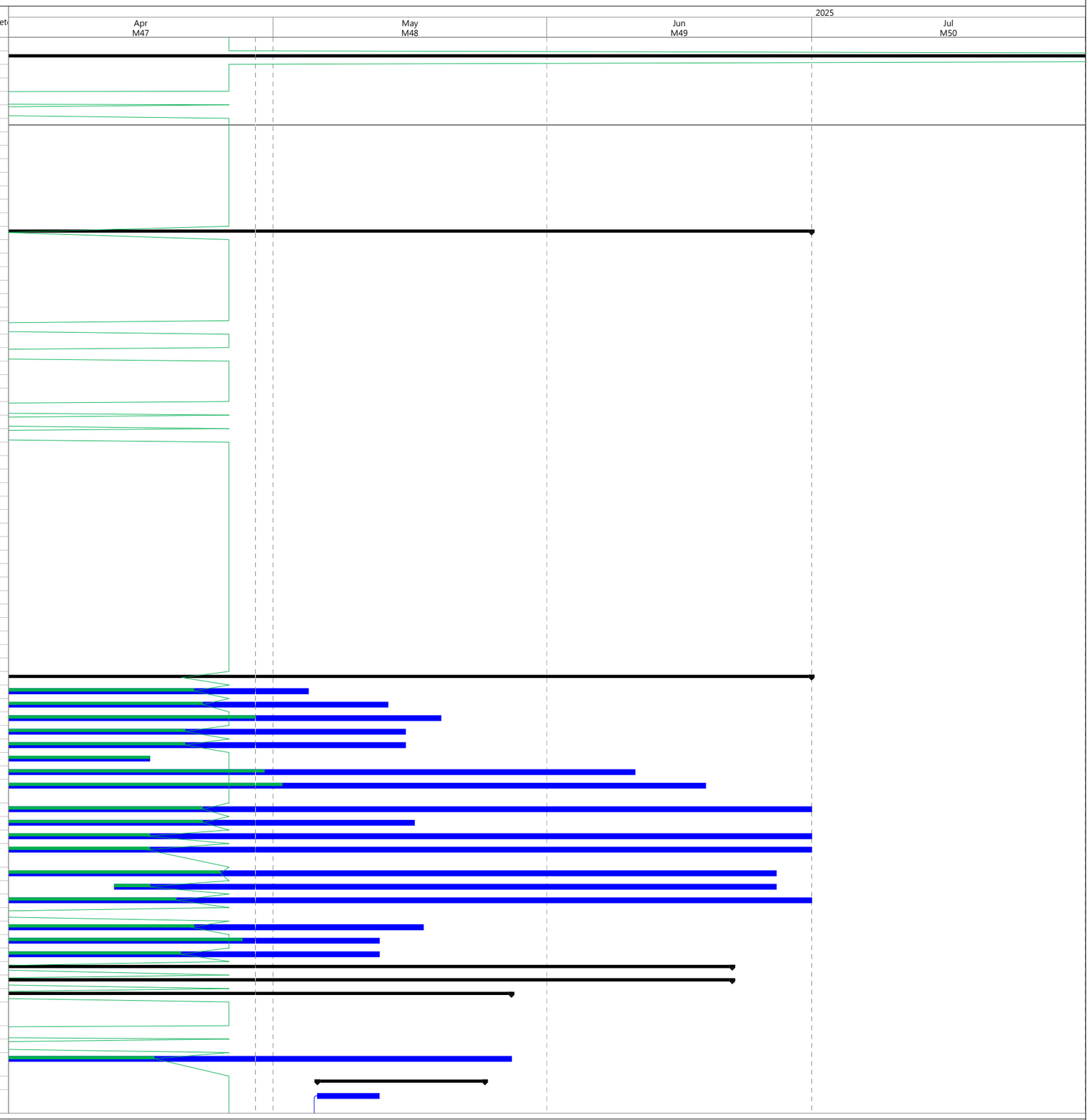
# Appendix 1

**Design and Construction of Chai Wan Government Complex and Vehicle Depot**
**Contract No. SS H504 (Programme No. 184GK)**

# 3-Month Rolling Programme (05-2025 to 07-2025)

Update on: 25 Apr 2025

| ID | Task Name | Duration | Start | Finish | Predecessors | Successors | Task Calendar | % Complet |
|---|---|---|---|---|---|---|---|---|
| 1 | Contract Date | 0 days | Thu 24/6/21 | Thu 24/6/21 | | | Calendar day | 100% |
| 2 | **Contract Period** | **.668.5 days** | **Mon 19/7/21** | **Wed 11/2/26** | | | **Calendar day** | 0% |
| 3 | Starting Date | 0 days | Mon 19/7/21 | Mon 19/7/21 | | 4SS,5SS+946 da | Calendar day | 100% |
| 4 | Access Date | 0 days | Mon 19/7/21 | Mon 19/7/21 | 3SS | | Calendar day | 100% |
| 5 | Original Contract Period (945 days after starting date) | 0 days | Mon 19/2/24 | Mon 19/2/24 | 3SS+946 days | | Calendar day | 0% |
| 6 | Revised Contract Period (1302.5 days after starting date) | 0 days | Tue 11/2/25 | Tue 11/2/25 | 3SS+1303.5 da | 7SS+365 days | Calendar day | 0% |
| 7 | Defects Date | 0 days | Wed 11/2/26 | Wed 11/2/26 | 6SS+365 days | | Calendar day | 0% |
| 8 | **Major Submission Other than AIP/DDA** | **416 days** | **Tue 5/10/21** | **Thu 24/11/22** | | | **Calendar day** | 100% |
| 9 | **Submission for Environmental Permit to EPD** | **77 days** | **Wed 27/10/21** | **Tue 11/1/22** | | | **Calendar day** | 100% |
| 16 | **Traffic Impact Assessment (TIA)** | **90 days** | **Tue 5/10/21** | **Sun 2/1/22** | | | **Calendar day** | 100% |
| 20 | **Construction Traffic Impact Assessment (CTIA)** | **90 days** | **Tue 5/10/21** | **Sun 2/1/22** | | | **Calendar day** | 100% |
| 24 | **Submission to HKE for Transformer Room Layout** | **129 days** | **Wed 20/10/21** | **Fri 25/2/22** | | | **Calendar day** | 100% |
| 29 | **Submission of GBP to Government Departments** | **142 days** | **Tue 16/11/21** | **Wed 6/4/22** | | | **Calendar day** | 100% |
| 34 | **BEAM Plus Project Assessment Process** | **340 days** | **Mon 20/12/21** | **Thu 24/11/22** | | | **Calendar day** | 100% |
| 43 | **Construction** | **1408 days** | **Mon 23/8/21** | **Mon 30/6/25** | | | **Calendar day** | 83% |
| 44 | **Site Mobilization and Preparation** | **828 days** | **Wed 15/9/21** | **Thu 21/12/23** | | | **Calendar day** | 100% |
| 45 | Set up monitoring checkpoints (done on 29/10/21) | 45 days | Wed 15/9/21 | Fri 29/10/21 | | | Calendar day | 100% |
| 46 | Ground Investigation Works (done on 23/10/21) | 30 days | Wed 15/9/21 | Thu 14/10/21 | | | Calendar day | 100% |
| 47 | **Set up revised hoarding** | **536 days** | **Mon 4/7/22** | **Thu 21/12/23** | | | **Calendar day** | 100% |
| 51 | **Erection of Tower Crane** | **76 days** | **Fri 4/8/23** | **Wed 18/10/23** | | | **Calendar day** | 100% |
| 54 | **Tree Removal and Preservation** | **296 days** | **Mon 23/8/21** | **Wed 15/6/22** | | | **Calendar day** | 100% |
| 61 | **Structural Works** | **1237 days** | **Tue 2/11/21** | **Sat 22/3/25** | | | **Calendar day** | 98% |
| 62 | **Piling Works** | **569 days** | **Tue 2/11/21** | **Wed 24/5/23** | | | **Calendar day** | 100% |
| 68 | **Substructure Works** | **825 days** | **Sat 26/11/22** | **Thu 27/2/25** | | | **Calendar day** | 97% |
| 69 | **Zone A (near Sheung On Street)** | **378 days** | **Wed 4/1/23** | **Tue 16/1/24** | | | **Calendar day** | 100% |
| 81 | **Zone B (near Sheung Tat Street)** | **337 days** | **Tue 14/2/23** | **Tue 16/1/24** | | | **Calendar day** | 100% |
| 90 | **Zone C (near NWBF)** | **432 days** | **Sat 26/11/22** | **Wed 31/1/24** | | | **Calendar day** | 100% |
| 101 | U/G drainage connection and builder's work (started on 15/5/2 | 270 days | Wed 29/5/24 | Sat 22/2/25 | | 103SS+35 days | Calendar day | 85% |
| 102 | Backfilling (include all zones) | 570 days | Fri 4/8/23 | Sun 23/2/25 | | | Calendar day | 97% |
| 103 | L1 slab construction (include all zones) | 240 days | Wed 3/7/24 | Thu 27/2/25 | 101SS+35 days | | Calendar day | 87% |
| 104 | **Superstructure Works** | **580 days** | **Mon 21/8/23** | **Sat 22/3/25** | | | **Calendar day** | 100% |
| 105 | L1-L2 (started on 21/8/2023, done on 10/5/2024) | 264 days | Mon 21/8/23 | Fri 10/5/24 | 97FS+24 days | 106FS-63 days | Calendar day | 100% |
| 106 | L2-L3 (include L2M) (started on 15/3/2024, done on 15/6/2024 | 93 days | Fri 15/3/24 | Sat 15/6/24 | 105FS-63 days | 107FS-32 days | Calendar day | 100% |
| 107 | L3-L3M (started on 15/5/2024, done on 12/7/2024) | 59 days | Wed 15/5/24 | Fri 12/7/24 | 106FS-32 days | 108SS+5 days | Calendar day | 100% |
| 108 | L3M-L4 (started on 20/5/2024, done on 14/8/2024) | 87 days | Mon 20/5/24 | Wed 14/8/24 | 107SS+5 days | 109FS-51 days | Calendar day | 100% |
| 109 | L4-L5 (started on 20/6/2024, done on 14/9/2024) | 87 days | Thu 20/6/24 | Sat 14/9/24 | 108FS-51 days | 110FS-23 days | Calendar day | 100% |
| 110 | L5-L6 (started on 23/8/2024, done on 17/10/2024) | 56 days | Fri 23/8/24 | Thu 17/10/24 | 109FS-23 days | 111FS-32 days | Calendar day | 100% |
| 111 | L6-L7 (started on 16/9/2024, done on 14/11/2024) | 60 days | Mon 16/9/24 | Thu 14/11/24 | 110FS-32 days | 112FS-23 days | Calendar day | 100% |
| 112 | L7-L8 (started on 23/10/2024, done on 12/12/2024) | 51 days | Wed 23/10/24 | Thu 12/12/24 | 111FS-23 days | 113FS-21 days | Calendar day | 100% |
| 113 | L8-R/F (started on 22/11/2024, done on 17/1/2024) | 54 days | Fri 22/11/24 | Tue 14/1/25 | 112FS-21 days | 114FS-28 days | Calendar day | 100% |
| 114 | R/F-UR/F (started on 18/12/2024, done on 22/3/2025) | 95 days | Wed 18/12/24 | Sat 22/3/25 | 113FS-28 days | | Calendar day | 100% |
| 115 | **Late cast portion** | **43 days** | **Tue 11/6/24** | **Tue 23/7/24** | | | **Calendar day** | 100% |
| 116 | L2 slab (started on 11/6/2024, done on 22/6/2024) | 12 days | Tue 11/6/24 | Sat 22/6/24 | | 117FS+2 days | Calendar day | 100% |
| 117 | L3 slab (started on 25/6/2024, done on 8/7/2024) | 14 days | Tue 25/6/24 | Mon 8/7/24 | 116FS+2 days | 118 | Calendar day | 100% |
| 118 | L3M slab (started on 9/7/2024, done on 23/7/2024) | 15 days | Tue 9/7/24 | Tue 23/7/24 | 117 | | Calendar day | 100% |
| 119 | **Off-Site Mock Up** | **223 days** | **Wed 6/4/22** | **Mon 14/11/22** | | | **Calendar day** | 100% |
| 127 | **MiC Mock Up** | **57 days** | **Mon 10/10/22** | **Mon 5/12/22** | | | **Calendar day** | 100% |
| 132 | **Architectural Works** | **317 days** | **Sun 18/8/24** | **Mon 30/6/25** | | | **Calendar day** | 78% |
| 133 | Blockwall | 260 days | Sun 18/8/24 | Sun 4/5/25 | | 134SS+59 days,1 | Calendar day | 95% |
| 134 | Door subframe | 210 days | Wed 16/10/24 | Tue 13/5/25 | 133SS+59 days | | Calendar day | 90% |
| 135 | Window Frame / Glass Wall Bracket Fixing | 210 days | Tue 22/10/24 | Mon 19/5/25 | 133SS+65 days | | Calendar day | 90% |
| 136 | Ceiling plastering | 250 days | Sun 8/9/24 | Thu 15/5/25 | 133SS+21 days | | Calendar day | 90% |
| 137 | Wall plastering | 250 days | Sun 8/9/24 | Thu 15/5/25 | 133SS+21 days | 138SS+21 days | Calendar day | 90% |
| 138 | Waterproofing application | 200 days | Sun 29/9/24 | Wed 16/4/25 | 137SS+21 days | 142SS+30 days | Calendar day | 100% |
| 139 | Wall tiling (4.5.1.1 - 4.5.1.18) | 210 days | Wed 13/11/24 | Tue 10/6/25 | 142SS+15 days | 143SS+15 days | Calendar day | 80% |
| 140 | Window / Glass Wall / Cladding Fixing (4.2.1.1 - 4.2.1.30, 4.2.2.1 - 4.2.2.20) (include assumed 45 days inclement weather in 2024) | 120 days | Wed 19/2/25 | Wed 18/6/25 | | | Calendar day | 60% |
| 141 | Painting (4.5.1.1 - 4.5.1.18, 4.5.3.1 - 4.5.3.18) | 230 days | Wed 13/11/24 | Mon 30/6/25 | 142SS+15 days | | Calendar day | 70% |
| 142 | Floor screeding (4.5.2.1 - 4.5.2.18, 4.5.4.1 - 4.5.4.10) | 200 days | Tue 29/10/24 | Fri 16/5/25 | 138SS+30 days | 141SS+15 days,1 | Calendar day | 88% |
| 143 | Floor finishes (4.5.2.1 - 4.5.2.18, 4.5.4.1 - 4.5.4.10, 4.5.5.1 - 4.5.5.10) | 215 days | Thu 28/11/24 | Mon 30/6/25 | 139SS+15 days | | Calendar day | 65% |
| 144 | Steel and metal work (4.4.2.1 - 4.4.2.30, 4.4.4.1 - 4.4.4.10, 4.7.3.1 - 4.7.3.10, 6.1.4.1 - 6.1.4.10, 6.1.5.1 - 6.1.5.10, 6.1.6.1 - 6.1.6.10) | 215 days | Thu 28/11/24 | Mon 30/6/25 | 142SS+30 days | | Calendar day | 65% |
| 145 | Timber doorset and Ironmongery installation (4.4.1.12 - 4.4.1.30) | 105 days | Fri 14/3/25 | Thu 26/6/25 | | | Calendar day | 40% |
| 146 | Signage (4.9.1.1 - 4.9.1.10) | 75 days | Sun 13/4/25 | Thu 26/6/25 | | | Calendar day | 5% |
| 147 | Fitting out works (4.7.1.1 - 4.7.1.10, 4.7.2.1 - 4.7.2.18) | 120 days | Mon 3/3/25 | Mon 30/6/25 | | | Calendar day | 40% |
| 148 | Sanitary fitting installation | 30 days | Sat 1/3/25 | Sun 30/3/25 | | | Calendar day | 32% |
| 149 | Roofing Works (4.6.1.1 - 4.6.1.20) | 75 days | Tue 4/3/25 | Sat 17/5/25 | | | Calendar day | 65% |
| 150 | External wall finishes (4.6.2.1 - 4.6.2.20) | 155 days | Mon 9/12/24 | Mon 12/5/25 | | 151SS+5 days | Calendar day | 90% |
| 151 | Architectural Fins fixing | 150 days | Sat 14/12/24 | Mon 12/5/25 | 150SS+5 days | | Calendar day | 85% |
| 152 | **External Work** | **265 days** | **Mon 30/9/24** | **Sat 21/6/25** | | | **Calendar day** | 52% |
| 153 | **Last Manhole Connection outside Site Boundary** | **265 days** | **Mon 30/9/24** | **Sat 21/6/25** | | | **Calendar day** | 60% |
| 154 | **Stage 1** | **240 days** | **Mon 30/9/24** | **Tue 27/5/25** | | | **Calendar day** | 71% |
| 155 | Mobilization (include forming recess for placing temp. steel plate on existing carriageway) | 30 days | Mon 30/9/24 | Tue 29/10/24 | | 156 | Calendar day | 100% |
| 156 | Excavation (include ELSW) | 90 days | Wed 30/10/24 | Mon 27/1/25 | 155 | 157SS+30 days | Calendar day | 50% |
| 157 | Construction of new manholes | 90 days | Fri 29/11/24 | Wed 26/2/25 | 156SS+30 days | 158 | Calendar day | 99% |
| 158 | Last Manhole to new M/Hs with T&C (subject to WSD's diversion of existing water main) | 90 days | Thu 27/2/25 | Tue 27/5/25 | 157 | | Calendar day | 55% |
| 159 | **Stage 2** | **19 days** | **Tue 6/5/25** | **Sat 24/5/25** | | | **Calendar day** | 0% |
| 160 | Mobilization (include forming recess for placing temp. steel plate on existing carriageway) | 7 days | Tue 6/5/25 | Mon 12/5/25 | | 161SS+5 days | Calendar day | 0% |




有利建築有限公司
Yau Lee Construction Co., Ltd.

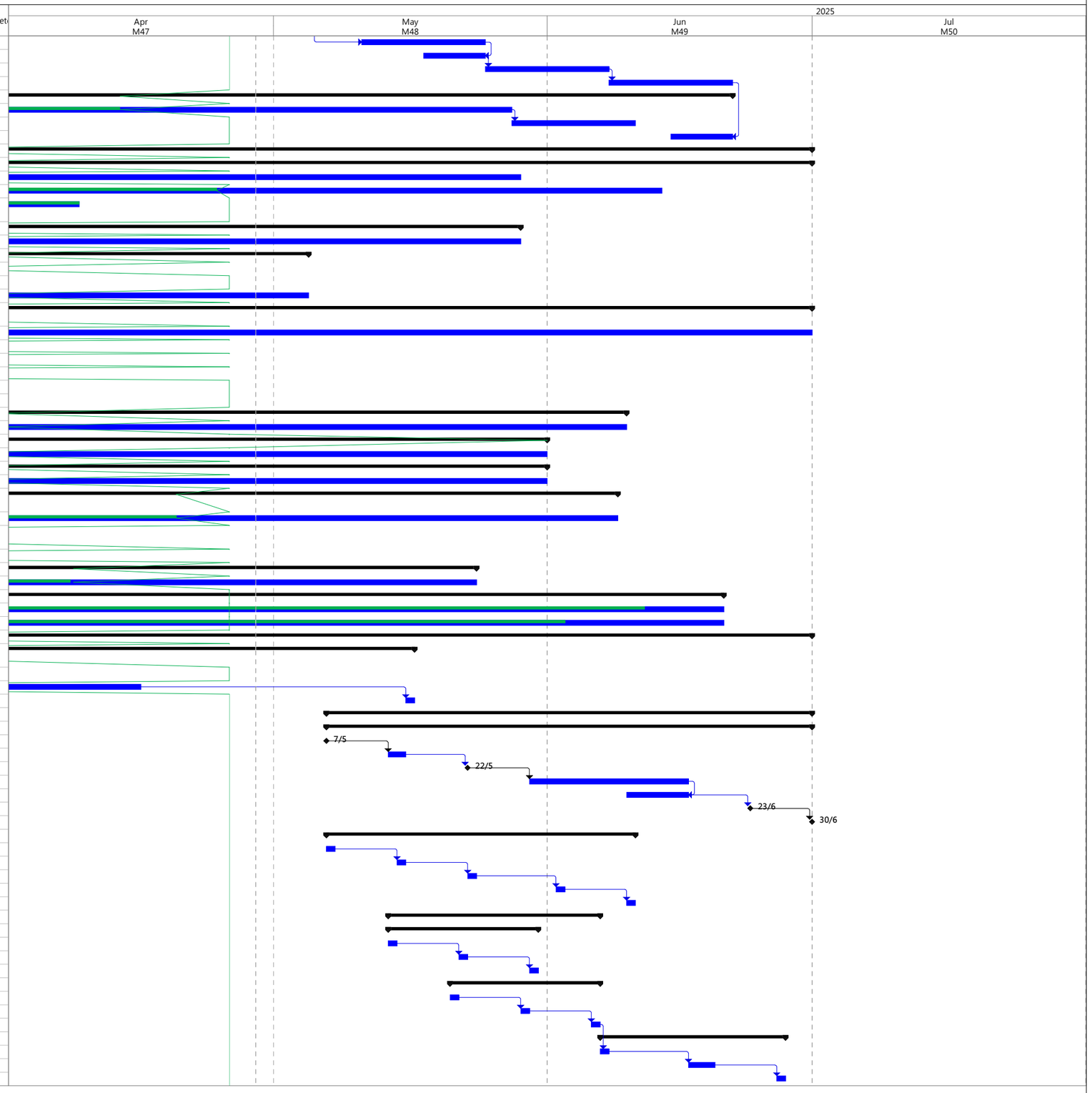
Task | Critical Task | Milestone | Summary | Progress | Manual Progress

**Design and Construction of Chai Wan Government Complex and Vehicle Depot**
**Contract No. SS H504 (Programme No. 184GK)**

# 3-Month Rolling Programme (05-2025 to 07-2025)

Update on: 25 Apr 2025

| ID | Task Name | Duration | Start | Finish | Predecessors | Successors | Task Calendar | % Complet |
|---|---|---|---|---|---|---|---|---|
| 161 | Excavation (include ELSW) | 14 days | Sun 11/5/25 | Sat 24/5/25 | 160SS+5 days | 162FF | Calendar day | 0% |
| 162 | Connection between new M/Hs to existing M/Hs | 7 days | Sun 18/5/25 | Sat 24/5/25 | 161FF | 163 | Calendar day | 0% |
| 163 | Backfilling | 14 days | Sun 25/5/25 | Sat 7/6/25 | 162 | 164 | Calendar day | 0% |
| 164 | Repaving | 14 days | Sun 8/6/25 | Sat 21/6/25 | 163 | 168FF | Calendar day | 0% |
| 165 | **Construction of Run in/out (6.1.2.1 - 6.1.2.20)** | **85 days** | **Sat 29/3/25** | **Sat 21/6/25** | | | **Calendar day** | **19%** |
| 166 | Excavation and spare cable duct laying | 60 days | Sat 29/3/25 | Tue 27/5/25 | | 167 | Calendar day | 26% |
| 167 | Backfilling | 14 days | Wed 28/5/25 | Tue 10/6/25 | 166 | | Calendar day | 0% |
| 168 | Re-paving | 7 days | Sun 15/6/25 | Sat 21/6/25 | 164FF | | Calendar day | 0% |
| 169 | **BS Installation Works** | **303 days** | **Sun 1/9/24** | **Mon 30/6/25** | | | **Calendar day** | **60%** |
| 170 | **Electrical Installation** | **303 days** | **Sun 1/9/24** | **Mon 30/6/25** | | | **Calendar day** | **60%** |
| 171 | Electrical Installation | 270 days | Sun 1/9/24 | Wed 28/5/25 | | | Calendar day | 44% |
| 172 | Electrical Fitting Installation after Power-on | 90 days | Sun 16/3/25 | Fri 13/6/25 | | | Calendar day | 44% |
| 173 | Transformer Room Installation by HKE and Power energization to TX Rm (incl. TX room inspections by HKE) | 196 days | Wed 25/9/24 | Tue 8/4/25 | | | Calendar day | 100% |
| 174 | **FS Installation** | **270 days** | **Sun 1/9/24** | **Wed 28/5/25** | | | **Calendar day** | **50%** |
| 175 | Fire Services and Water Pump Installation | 270 days | Sun 1/9/24 | Wed 28/5/25 | | | Calendar day | 50% |
| 176 | **Lift Installation** | **65 days** | **Sat 1/3/25** | **Sun 4/5/25** | | | **Calendar day** | **32%** |
| 177 | Builder's works and E&M installation in Lift Machine Room | 19 days | Sat 1/3/25 | Wed 19/3/25 | | 178 | Calendar day | 99% |
| 178 | Handover of Lift Machine Room and Lift Shafts to sub-contra | 1 day | Thu 20/3/25 | Thu 20/3/25 | 177 | 179 | Calendar day | 100% |
| 179 | Lift Installation | 45 days | Fri 21/3/25 | Sun 4/5/25 | 178 | | Calendar day | 2% |
| 180 | **Air Conditioning, Refrigeration, Ventilation and Central Monitoring & Control System Installation** | **273 days** | **Tue 1/10/24** | **Mon 30/6/25** | | | **Calendar day** | **37%** |
| 181 | ACMV installation (AHU Rooms at R/F) | 273 days | Tue 1/10/24 | Mon 30/6/25 | | | Calendar day | 37% |
| 182 | **Emergency Generator and Fuel Storage Installation at L2** | **90 days** | **Wed 23/10/24** | **Mon 20/1/25** | | | **Calendar day** | **72%** |
| 183 | Generator Installation | 90 days | Wed 23/10/24 | Mon 20/1/25 | | 184FF | Calendar day | 82% |
| 184 | Fuel System | 75 days | Thu 7/11/24 | Mon 20/1/25 | 183FF | | Calendar day | 59% |
| 185 | **Low Voltage Cubicle Switchboard Installation** | **127 days** | **Fri 25/10/24** | **Fri 28/2/25** | | | **Calendar day** | **100%** |
| 186 | Low Voltage Cubicle Switchboard Installation | 127 days | Fri 25/10/24 | Fri 28/2/25 | | | Calendar day | 100% |
| 187 | **Burglar Alarm and Security Installation** | **90 days** | **Wed 12/3/25** | **Mon 9/6/25** | | | **Calendar day** | **21%** |
| 188 | Burglar Alarm and Security Installation | 90 days | Wed 12/3/25 | Mon 9/6/25 | | | Calendar day | 21% |
| 189 | **Broadcast Reception Installation (4.19.1.1-4.19.1.10)** | **75 days** | **Tue 18/3/25** | **Sat 31/5/25** | | | **Calendar day** | **0%** |
| 190 | Broadcast Reception Installation | 75 days | Tue 18/3/25 | Sat 31/5/25 | | | Calendar day | 0% |
| 191 | **Audio Electronics Installation (4.19.1.1-4.19.1.10)** | **90 days** | **Mon 3/3/25** | **Sat 31/5/25** | | | **Calendar day** | **21%** |
| 192 | Audio Electronics Installation | 90 days | Mon 3/3/25 | Sat 31/5/25 | | | Calendar day | 21% |
| 193 | **Plumbing Installation (4.11.1.1-4.11.1.10, 4.11.2.1-4.11.2.10, 4.11.3.1-4.11.3.10, 4.11.5.1-4.11.5.10, 4.11.6.1-4.11.6.2)** | **250 days** | **Wed 2/10/24** | **Sun 8/6/25** | | | **Calendar day** | **80%** |
| 194 | Plumbing Installation | 250 days | Wed 2/10/24 | Sun 8/6/25 | | | Calendar day | 80% |
| 195 | **Drainage Installation (4.8.1.1-4.8.1.10, 4.8.2.1-4.8.2.10, 4.8.3.1-4.8.3.10, 4.8.4)** | **180 days** | **Mon 2/9/24** | **Fri 28/2/25** | | | **Calendar day** | **83%** |
| 196 | Drainage Installation | 180 days | Mon 2/9/24 | Fri 28/2/25 | | | Calendar day | 83% |
| 197 | **Compressed Air System Installation (4.20.1.1-4.20.1.10)** | **90 days** | **Sun 23/2/25** | **Fri 23/5/25** | | | **Calendar day** | **49%** |
| 198 | Compressed Air System Installation | 90 days | Sun 23/2/25 | Fri 23/5/25 | | | Calendar day | 49% |
| 199 | **Town Gas Installation (4.21.1.1-4.21.1.10, 4.21.2.1-4.21.2.10)** | **90 days** | **Sun 23/3/25** | **Fri 20/6/25** | | | **Calendar day** | **85%** |
| 200 | Gas pipe installation (U/G) | 90 days | Sun 23/3/25 | Fri 20/6/25 | | 201SS | Calendar day | 90% |
| 201 | Gas Boiler and Laboratory facilitaties installation | 90 days | Sun 23/3/25 | Fri 20/6/25 | 200SS | | Calendar day | 80% |
| 202 | **Statutory & Utilities Submission, Inspection and Certificate Issuance** | **162 days** | **Mon 20/1/25** | **Mon 30/6/25** | | | **Calendar day** | **17%** |
| 203 | **D.G. Inspection (Fuel Tank Rooms at G/F & 1/F, UG Fuel Tanks, Cat 2, Cat 3 and Cat 5 DG Stores at Gov Lab)** | **117 days** | **Mon 20/1/25** | **Fri 16/5/25** | | | **Calendar day** | **26%** |
| 204 | Issue letter to FSD for DG inspection | 1 day | Mon 20/1/25 | Mon 20/1/25 | | 205 | Calendar day | 100% |
| 205 | D.G. inspection by FSD | 85 days | Tue 21/1/25 | Tue 15/4/25 | 204 | 206FS+30 days | Calendar day | 25% |
| 206 | Issuance of D.G. Certificate | 1 day | Fri 16/5/25 | Fri 16/5/25 | 205FS+30 days | | Calendar day | 0% |
| 207 | **Water Supply (Plumbing & FS Water Supply)** | **55 days** | **Wed 7/5/25** | **Mon 30/6/25** | | | **Calendar day** | **0%** |
| 208 | **Plumbing** | **55 days** | **Wed 7/5/25** | **Mon 30/6/25** | | | **Calendar day** | **0%** |
| 209 | Form WWO46 Part IV Submission (Plumbing) | 0 days | Wed 7/5/25 | Wed 7/5/25 | | 210FS+7 days | Calendar day | 0% |
| 210 | WSD Inspection of Plumbing System | 2 days | Wed 14/5/25 | Thu 15/5/25 | 209FS+7 days | 211FS+7 days | Calendar day | 0% |
| 211 | Issuance of WWO46 Part Va from WSD (Plumbing) | 0 days | Thu 22/5/25 | Thu 22/5/25 | 210FS+7 days | 212FS+7 days | Calendar day | 0% |
| 212 | System Flushing | 18 days | Fri 30/5/25 | Mon 16/6/25 | 211FS+7 days | 213FF | Calendar day | 0% |
| 213 | Water Sampling and Submit Test Report to WSD | 7 days | Tue 10/6/25 | Mon 16/6/25 | 212FF | 214FS+7 days | Calendar day | 0% |
| 214 | Issuance of WWO46 Part Vb from WSD (Plumbing) | 0 days | Mon 23/6/25 | Mon 23/6/25 | 213FS+7 days | 215FS+7 days | Calendar day | 0% |
| 215 | Issuance of Water Connection Advice (Plumbing) | 0 days | Mon 30/6/25 | Mon 30/6/25 | 214FS+7 days | | Calendar day | 0% |
| 216 | **FS Water Supply** | **35 days** | **Wed 7/5/25** | **Tue 10/6/25** | | | **Calendar day** | **0%** |
| 217 | Form WWO46 Part IV Submission (FS) | 1 day | Wed 7/5/25 | Wed 7/5/25 | | 218FS+7 days | Calendar day | 0% |
| 218 | WSD Inspection of FS System | 1 day | Thu 15/5/25 | Thu 15/5/25 | 217FS+7 days | 219FS+7 days | Calendar day | 0% |
| 219 | Water Sampling and Submit Test Report to WSD | 1 day | Fri 23/5/25 | Fri 23/5/25 | 218FS+7 days | 220FS+9 days | Calendar day | 0% |
| 220 | Issuance of WWO46 Part V from WSD (FS) | 1 day | Mon 2/6/25 | Mon 2/6/25 | 219FS+9 days | 221FS+7 days | Calendar day | 0% |
| 221 | Issuance of FS Connection Advice | 1 day | Tue 10/6/25 | Tue 10/6/25 | 220FS+7 days | | Calendar day | 0% |
| 222 | **Lift Inspection by EMSD** | **24 days** | **Wed 14/5/25** | **Fri 6/6/25** | | | **Calendar day** | **0%** |
| 223 | **Lift 1 & Lift 2** | **17 days** | **Wed 14/5/25** | **Fri 30/5/25** | | | **Calendar day** | **0%** |
| 224 | Submission of LE5 to EMSD | 1 day | Wed 14/5/25 | Wed 14/5/25 | | 225FS+7 days | Calendar day | 0% |
| 225 | EMSD inspection | 1 day | Thu 22/5/25 | Thu 22/5/25 | 224FS+7 days | 226FS+7 days | Calendar day | 0% |
| 226 | Issuance of Use Permit by EMSD | 1 day | Fri 30/5/25 | Fri 30/5/25 | 225FS+7 days | | Calendar day | 0% |
| 227 | **Lift 3 & Lift 4** | **17 days** | **Wed 21/5/25** | **Fri 6/6/25** | | | **Calendar day** | **0%** |
| 228 | Submission of LE5 to EMSD | 1 day | Wed 21/5/25 | Wed 21/5/25 | | 229FS+7 days | Calendar day | 0% |
| 229 | EMSD inspection | 1 day | Thu 29/5/25 | Thu 29/5/25 | 228FS+7 days | 230FS+7 days | Calendar day | 0% |
| 230 | Issuance of Use Permit by EMSD | 1 day | Fri 6/6/25 | Fri 6/6/25 | 229FS+7 days | 232 | Calendar day | 0% |
| 231 | **FSD Inspection** | **21 days** | **Sat 7/6/25** | **Fri 27/6/25** | | | **Calendar day** | **0%** |
| 232 | Submission of Form 501 & 314 to FSD | 1 day | Sat 7/6/25 | Sat 7/6/25 | 230 | 233FS+9 days | Calendar day | 0% |
| 233 | FS Inspection | 3 days | Tue 17/6/25 | Thu 19/6/25 | 232FS+9 days | 234FS+7 days | Calendar day | 0% |
| 234 | Issuance of Fire Certificate (Memo / FS172) by FSD | 1 day | Fri 27/6/25 | Fri 27/6/25 | 233FS+7 days | | Calendar day | 0% |

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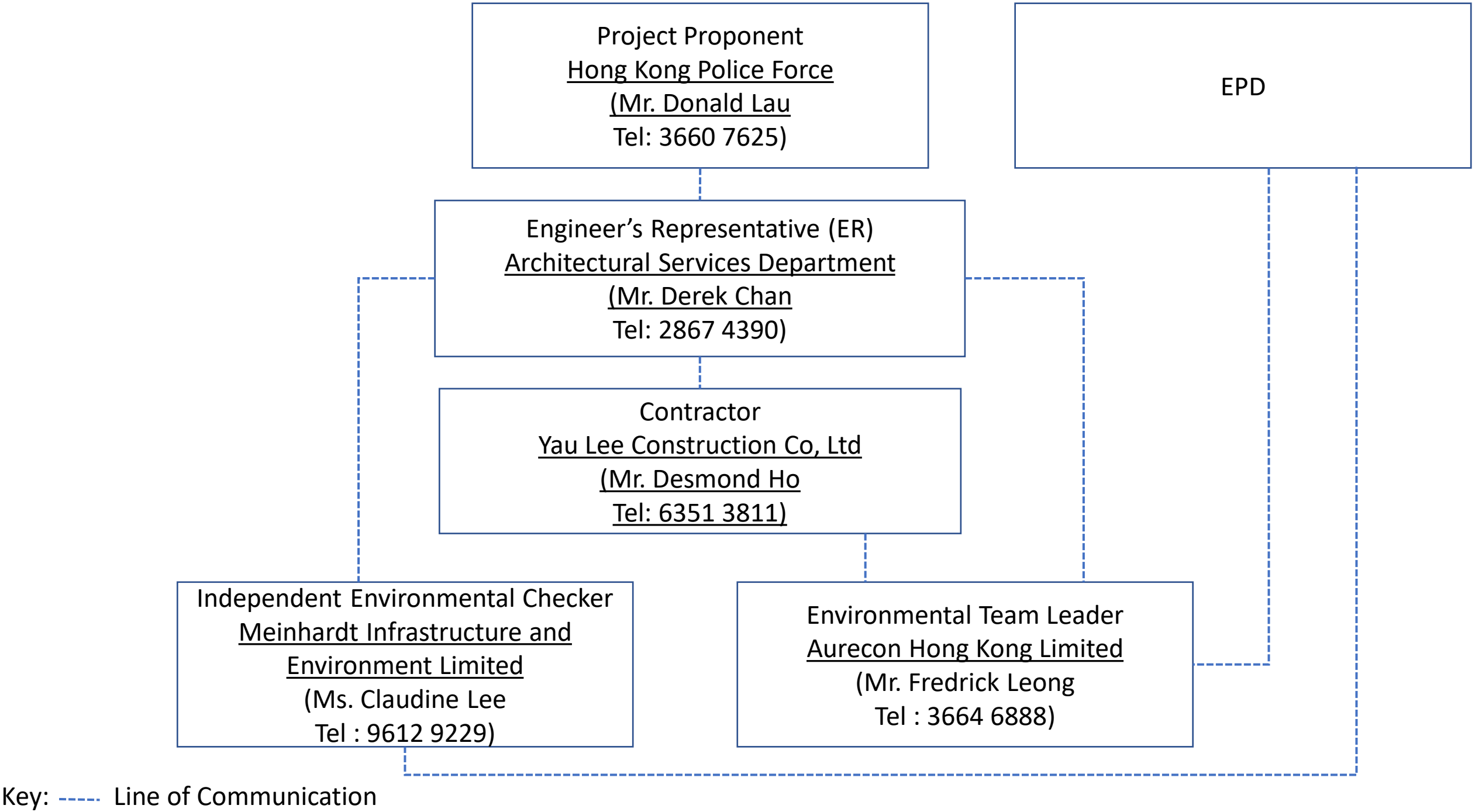
Yau Lee Construction Co., Ltd.

Task | Critical Task | Milestone | Summary | Progress | Manual Progress

# Appendix 2


Project Proponent
Hong Kong Police Force
(Mr. Donald Lau
Tel: 3660 7625)
EPD
Engineer's Representative (ER)
Architectural Services Department
(Mr. Derek Chan
Tel: 2867 4390)
Contractor
Yau Lee Construction Co, Ltd
(Mr. Desmond Ho
Tel: 6351 3811)
Independent Environmental Checker
Meinhardt Infrastructure and Environment Limited
(Ms. Claudine Lee
Tel : 9612 9229)
Environmental Team Leader
Aurecon Hong Kong Limited
(Mr. Fredrick Leong
Tel : 3664 6888)
Key: ----- Line of Communication

# Appendix 3

# 2025 June

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY |
|---|---|---|---|---|---|---|
| 26 | 27 | 28 | 29 | 30 | 31 | 01 |
| 02 | 03<br>Noise Monitoring (NM1, NM2b and NM3) | 04 | 05 | 06 | 07 | 08 |
| 09 | 10<br>Noise Monitoring (NM1, NM2b and NM3) | 11 | 12 | 13 | 14 | 15 |
| 16 | 17<br>Noise Monitoring (NM1, NM2b and NM3) | 18 | 19 | 20 | 21 | 22 |
| 23 | 24<br>Noise Monitoring (NM1, NM2b and NM3) | 25 | 26 | 27 | 28 | 29 |
| 30 | 01 | Notes: | | | | |

# Appendix 4

# *Certificate of Calibration*

*for*

| | |
|---|---|
| ***Description:*** | ***Sound Level Meter*** |
| ***Manufacturer:*** | ***RION*** |
| ***Type No.:*** | ***NL-52 (Serial No.: 00643039)*** |
| ***Microphone:*** | ***UC-59 (Serial No.: 06819)*** |
| ***Preamplifier:*** | ***NH-25 (Serial No.:43067)*** |

***Submitted by:***

| | |
|---|---|
| *Customer:* | *Envirotech Services Co.* |
| *Address:* | *Rm.712, 7/F., My Loft, 9 Hoi Wing Road, Tuen Mun, Hong Kong* |

**Upon receipt for calibration, the instrument was found to be:**

☑ **Within (31.5Hz – 8kHz)**
☐ **Outside**

**the allowable tolerance.**

The test equipment used for calibration are traceable to National Standards via:
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

**Date of receipt: 24 July 2024**

**Date of calibration: 26 July 2024**

**Date of NEXT calibration: 25 July 2025**

***Calibrated by:*** _____
***Calibration Technician***

***Certified by:*** _____
***Mr. Ng Yan Wa***
***Laboratory Manager***

***Date of issue:*** **26 July 2024**

ACOUSTICS AND AIR TESTING LABORATORY CO. LTD. (A+A)*L



Room 422,Leader Industrial Centre,57-59 Au Pui Wan Street ,Fo Tan, Shatin,N.T.,Hong Kong
Tel: (852) 2668 3423 Fax:(852) 2668 6946
Homepage: http://www.aa-lab.com E-mail : inquiry@aa-lab.com

## 1. *Calibration Precaution:*

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

- The results presented are the mean of 3 measurements at each calibration point.

## 2. *Calibration Conditions:*

| | |
|---|---|
| **Air Temperature:** | 24.3 °C |
| **Air Pressure:** | 1004 hPa |
| **Relative Humidity:** | 57.9 % |

## 3. *Calibration Equipment:*

| | Type | Serial No. | Calibration Report Number | Traceable to |
|---|---|---|---|---|
| **Multifunction Calibrator** | B&K 4226 | 2288467 | AV240081 | HOKLAS |

## 4. *Calibration Results*

Sound Pressure Level

Reference Sound Pressure Level

| Setting of Unit-under-test (UUT) | | | Applied value | | UUT Reading, dB | IEC 61672 Class 1 Specification, dB |
|---|---|---|---|---|---|---|
| Range, dB | Freq. Weighting | Time Weighting | Level, dB | Frequency, Hz | | |
| 30-130 | dBA SPL | Fast | 94 | 1000 | 94.0 | ±0.4 |

Linearity

| Setting of Unit-under-test (UUT) | | | Applied value | | UUT Reading, dB | IEC 61672 Class 1 Specification, dB |
|---|---|---|---|---|---|---|
| Range, dB | Freq. Weighting | Time Weighting | Level, dB | Frequency, Hz | | |
| 30-130 | dBA SPL | Fast | 94 | 1000 | 94.0 | Ref |
| | | | 104 | | 104.0 | ±0.3 |
| | | | 114 | | 114.0 | ±0.3 |

Time Weighting

| Setting of Unit-under-test (UUT) | | | Applied value | | UUT Reading, dB | IEC 61672 Class 1 Specification, dB |
|---|---|---|---|---|---|---|
| Range, dB | Freq. Weighting | Time Weighting | Level, dB | Frequency, Hz | | |
| 30-130 | dBA SPL | Fast | 94 | 1000 | 94.0 | Ref |
| | | Slow | | | 94.0 | ±0.3 |



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Frequency Response

Linear Response

| Setting of Unit-under-test (UUT) | | | Applied value | | UUT Reading, | IEC 61672 Class 1 |
|---|---|---|---|---|---|---|
| Range, dB | Freq. Weighting | Time Weighting | Level, dB | Frequency, Hz | dB | Specification, dB |
| 30-130 | dB SPL | Fast | 94 | 31.5 | 93.9 | ±2.0 |
| | | | | 63 | 94.1 | ±1.5 |
| | | | | 125 | 94.1 | ±1.5 |
| | | | | 250 | 94.0 | ±1.4 |
| | | | | 500 | 94.0 | ±1.4 |
| | | | | 1000 | 94.0 | Ref |
| | | | | 2000 | 93.8 | ±1.6 |
| | | | | 4000 | 93.1 | ±1.6 |
| | | | | 8000 | 90.9 | +2.1; -3.1 |

A-weighting

| Setting of Unit-under-test (UUT) | | | Applied value | | UUT Reading, | IEC 61672 Class 1 |
|---|---|---|---|---|---|---|
| Range, dB | Freq. Weighting | Time Weighting | Level, dB | Frequency, Hz | dB | Specification, dB |
| 30-130 | dBA SPL | Fast | 94 | 31.5 | 54.4 | -39.4 ±2.0 |
| | | | | 63 | 67.8 | -26.2 ±1.5 |
| | | | | 125 | 77.9 | -16.1 ±1.5 |
| | | | | 250 | 85.4 | -8.6 ±1.4 |
| | | | | 500 | 90.8 | -3.2 ±1.4 |
| | | | | 1000 | 94.0 | Ref |
| | | | | 2000 | 95.0 | +1.2 ±1.6 |
| | | | | 4000 | 94.1 | +1.0 ±1.6 |
| | | | | 8000 | 89.9 | -1.1+2.1; -3.1 |

C-weighting

| Setting of Unit-under-test (UUT) | | | Applied value | | UUT Reading, | IEC 61672 Class 1 |
|---|---|---|---|---|---|---|
| Range, dB | Freq. Weighting | Time Weighting | Level, dB | Frequency, Hz | dB | Specification, dB |
| 30-130 | dBC SPL | Fast | 94 | 31.5 | 90.9 | -3.0 ±2.0 |
| | | | | 63 | 93.2 | -0.8 ±1.5 |
| | | | | 125 | 93.9 | -0.2 ±1.5 |
| | | | | 250 | 94.0 | -0.0 ±1.4 |
| | | | | 500 | 94.0 | -0.0 ±1.4 |
| | | | | 1000 | 94.0 | Ref |
| | | | | 2000 | 93.6 | -0.2 ±1.6 |
| | | | | 4000 | 92.3 | -0.8 ±1.6 |
| | | | | 8000 | 88.0 | –3.0 +2.1: –3.1 |



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## 5. *Calibration Results Applied*

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

Uncertainties of Applied Value:

| | | |
|---|---|---|
| 94 dB | 31.5 Hz | ± 0.10 |
| | 63 Hz | ± 0.10 |
| | 125 Hz | ± 0.10 |
| | 250 Hz | ± 0.05 |
| | 500 Hz | ± 0.05 |
| | 1000 Hz | ± 0.05 |
| | 2000 Hz | ± 0.05 |
| | 4000 Hz | ± 0.05 |
| | 8000 Hz | ± 0.10 |
| 104 dB | 1000 Hz | ± 0.05 |
| 114 dB | 1000 Hz | ± 0.05 |

The uncertainties are evaluated for a 95% confidence level.

Note:
The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted 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. (A+A)*L shall not be liable for any loss or damage resulting from the use of the equipment.

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# *Certificate of Calibration*

*for*

| | |
|---|---|
| ***Description:*** | ***Sound Level Calibrator*** |
| ***Manufacturer:*** | ***Larson Davis*** |
| ***Type No.:*** | ***CAL200*** |
| ***Serial No.:*** | ***10227*** |

***Submitted by:***

| | |
|---|---|
| *Customer:* | *Envirotech Services Co.* |
| *Address:* | *Rm.712, 7/F., My Loft, 9 Hoi Wing Road,* |
| | *Tuen Mun, Hong Kong* |

**Upon receipt for calibration, the instrument was found to be:**

☑ **Within**
☐ **Outside**

**the allowable tolerance.**

The test equipments used for calibration are traceable to National Standards via:
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

**Date of receipt: 12 February 2025**

**Date of calibration: 13 February 2025**

**Date of NEXT calibration: 12 February 2026**

***Calibrated by:*** _____
***Calibration Technician***

***Certified by:*** _____
***Mr. Ng Yan Wa***
***Laboratory Manager***

***Date of issue: 13 February 2025***

ACOUSTICS AND AIR TESTING LABORATORY CO. LTD. (A+A)*L



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## 1. *Calibration Precautions:*

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

- The results presented are the mean of 3 measurements at each calibration point.

## 2. *Calibration Specifications:*

Calibration check

## 3. *Calibration Conditions:*

| | |
|---|---|
| **Air Temperature:** | 27.3 °C |
| **Air Pressure:** | 1006 hPa |
| **Relative Humidity:** | 68.9 % |

## 4. *Calibration Equipment:*

| Test Equipment | Type | Serial No. | Calibration Report Number | Traceable to |
|---|---|---|---|---|
| **Multifunction Calibrator** | B&K 4226 | 2288467 | AV240081 | HOKLAS |
| **Sound Level Meter** | RION NA-28 | 30721812 | AV240109 | HOKLAS |

## 5. *Calibration Results*

5.1 Sound Pressure Level

| Nominal value dB | Accept lower level dB | Accept upper level dB | Measured value dB |
|---|---|---|---|
| 94.0 | 93.6 | 94.4 | 94.1 |
| 114.0 | 113.6 | 114.4 | 114.4 |

## 6. *Calibration Results Applied*

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 60942 Class 1.

Note:
The values given in this certification only related to the values measured at the time of the calibration.

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# Appendix 5

# Event and Action Plan for Construction Noise Monitoring

| | Action | | | |
|---|---|---|---|---|
| | ET | IEC | ER | Contractor |
| Action Level | 1. Notify the ER, IEC and Contractor.<br>2. Carry out investigation.<br>3. Report the results of investigation to the ER, IEC and Contractor.<br>4. Discuss with the IEC and Contractor and formulate remedial measures.<br>5. Increase monitoring frequency to check mitigation effectiveness. | 1. Review the investigation results submitted by the ET.<br>2. Review the proposed remedial measures by the Contractor and advise the ER accordingly.<br>3. Advise the ER on the effectiveness of the proposed remedial measures. | 1. Confirm receipt of notification of failure in writing.<br>2. Notify the Contractor.<br>3. Require the Contractor to propose remedial measures.<br>4. Ensure remedial measures are properly implemented. | 1. Submit noise mitigation proposals to the IEC and ER.<br>2. Implement noise mitigation proposals. |
| Limit Level | 1. Notify the ER, IEC, Contractor and EPD.<br>2. Identify sources.<br>3. Repeat measurements to confirm findings.<br>4. Increase monitoring frequency.<br>5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented.<br>6. Inform the IEC, ER and Contractor the causes and action taken for the exceedances.<br>7. Assess the effectiveness of the Contractor's remedial action and keep the IEC, EPD and ER informed of the results.<br>8. If exceedance stops, cease additional monitoring. | 1. Discuss amongst the ER, ET and Contractor on the potential remedial action.<br>2. Review the Contractor's remedial action whenever necessary to assure their effectiveness and advise the ER accordingly. | 1. Confirm receipt of notification of failure in writing.<br>2. Notify the Contractor.<br>3. Require the Contractor to propose remedial measures.<br>4. Ensure remedial measures are properly implemented.<br>5. If exceedance continues, consider what portion of work is responsible and instruct the Contractor to stop that portion of works until the exceedance is abated. | 1. Take immediate action to avoid further exceedance.<br>2. Submit proposals for remedial action to the IEC and ER within 3 working days of notification.<br>3. Implement the agreed proposals.<br>4. Submit further pro posals if problems still not under control.<br>5. Stop the relevant portion of works as determined by the ER until the exceedance is abated. |

Notes

(1) ET – Environmental Team, IEC – Independent Environmental Checker;

(2) Each step of action should be undertaken within 1 working day unless otherwise specified

# Appendix 6

**Implementation Schedule for Environmental Mitigation Measures (EMIS)**

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| **Air Quality** | | | | | |
| 4.8.2 | 2.3.1 | Dust suppression measures stipulated in the Air Pollution Control (Construction Dust) Regulation and good site practices:<br>• Use of regular watering, to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather;<br>• Use of frequent watering for particularly dusty construction areas close to ASRs;<br>• Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering should be applied to aggregate fines;<br>• Open temporary stockpiles should be avoided or covered. Prevent placing dusty material storage plies near ASRs;<br>• Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations;<br>• Establishment and use of vehicle wheel and body washing facilities at the exit points of the site;<br>• Imposition of speed controls for vehicles on unpaved site roads. 8 km/hr is the recommended limit;<br>• Routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs;<br>• Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) , if applicable, should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3-sides; and<br>• Loading, unloading, transfer, handling or storage of large amount of cement or dry PFA should be carried out in a totally enclosed system or facility, and nay vent or exhaust should be fitted with the an effective fabric filter or | All work sites | Contractor and sub-contractor(s) | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| | | equivalent air pollution control system. | | | |
| **Noise** | | | | | |
| 5.8.3 | 3.4.1 – 3.4.2 | Selection and Optimisation of Construction Processes<br>• Carefully arrange the timing and sequencing of the various construction activities according to the actual site work situation;<br>• Limit the quantity of PME to be operated concurrently;<br>• In the case during school examination, more stringent construction noise criteria should be imposed, the potentially most disruptive construction activities should be avoided, and arranged to be conducted during school holidays as far as practicable; and<br>• Preparation of the Construction Noise Management Plan. | All work sites | Contractor and sub-contractor(s) | √ |
| 5.8.4 – 5.8.6 | 3.4.1 – 3.4.2 | Use of QPME and Quiet Working Methods<br><br>In order to reduce the excessive noise impacts at the NSRs, quieter PME are recommended. Whilst quieter PME are listed, the Contractor may be able to obtain particular models of plant that are quieter than the PMEs given in GW-TM. The associated mitigation measures to the particular PME should be reviewed by the Contractor.<br><br>The use of plants with SWLs less than those in the GW-TM are summarized in ***Table 5.14*** of the EIA report and the proposed mitigated plant inventory for the | All work sites | Contractor and sub-contractor(s) | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| | | construction works of the proposed Project is detailed in ***Appendix 5.8***. | | | |
| 5.8.7 – 5.8.8 | 3.4.1 – 3.4.2 | Use of movable noise barriers<br><br>The use of movable noise barrier for certain PME could further minimize the construction noise impact. In general 5dB(A) reduction for mobile PME and 10dB(A) for stationary PME can be achieved provided that the direct line-of site of the PME is blocked. The Contractor shall be responsible for the design of the movable noise barrier with due consideration given to the size of the PME and the requirement of intercepting the line of sight between the NSRs and the PME, as well as ensuring that the barriers should have no openings and gaps. | All work sites | Contractor and sub-contractor(s) | √ |
| 5.8.9 | 3.4.1 – 3.4.2 | Good site practices<br>• Use of well-maintained and regularly-serviced plant during the works;<br>• Plant operating on intermittent basis should be turned off or throttled down to a minimum;<br>• Plant known to emit noise strongly in one direction should be orientated to face away from the NSRs;<br>• Silencers, mufflers and enclosures for plant should be used where possible and properly maintained throughout the works;<br>• Where possible fixed plants should be sited away from NSRs; and<br>• Stockpiles of excavated materials and other structures such as site buildings should be used effectively to screen noise from the works. | All work sites | Contractor and sub-contractor(s) | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| **Water Quality & Sewerage** | | | | | |
| 6.9.1 | 4.4.2 | In accordance with Professional Persons Environmental Consultative Committee Practice Notes (ProPECC PN) 1/94, potential water quality impact shall be minimised by the implementation of construction phase mitigation measures and general good site practice including the following:<br>• At the establishment of works site, perimeter cut-off drains to direct off-site water around the Site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels (both temporary and permanent drainage pipes and culverts), earth bunds or sand bag barriers should be provided to divert the stormwater to silt removal facilities.<br>• Dikes or embankments for flood protection should be implemented around the boundaries of earthwork areas. Temporary ditches should be provided to facilitate the run-off discharge into an appropriate watercourse, through a silt/sediment trap. Silt/sediment traps should also be incorporated in the permanent drainage channels to enhance deposition rates;<br>• The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94, which states that the retention time for silt/sand traps should be 5 minutes under maximum flow conditions. The sizes may vary depending upon the flow rate, but for a flow rate of 0.1$m^3$/s, a sedimentation basin of 30$m^3$ would be required and for a | All work sites | Contractor and sub-contractor(s) | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| | | flow rate of 0.5$m^3$/s the basin would be 150$m^3$. The detailed design of the sand/silt raps should be undertaken by the Contractor prior to the commencement of construction.<br>• The construction works should be programmed to minimise surface excavation works during rainy seasons (April to September), as possible. All exposed earth areas should be completed and vegetated as soon as possible after completion of the earthwork, or alternatively, within 14 days of the cessation of earthworks where practicable. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means;<br>• The overall slope of works sites should be kept to a minimum to reduce the erosive potential of surface water flows, and all trafficked areas and access roads should be protected by coarse stone ballast. An additional advantage accruing from the use of crushed stone is the positive traction gained during the prolonged periods of inclement weather and the reduction of surface sheet flows;<br>• All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure their proper and efficient operation at all times particularly following rainstorms. Deposited silts and grits should be removed regularly and disposed of by spreading evenly over stable, vegetated areas;<br>• Measures should be taken to minimise the ingress of site drainage into excavations. If the excavation of trenches in wet season is inevitable, they should be dug and backfilled in short sections wherever practicable. The water pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities;<br>• All open stockpiles of construction materials (for example, aggregates, sand and fill materials) should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system;<br>• Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials | | | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| | | or debris being washed into the drainage system and storm run-off being directed into foul sewers;<br>• Precautions to be taken at any time of the year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecasted and during or after rainstorms, are summarised in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silty surface run-off during storm events;<br>• All vehicles and plants should be cleaned before leaving the Project site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing bay should be provided at the exit of Project site where practicable. Wash-water should have sand and silt settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-washing bay to public roads should be paved with sufficient backfall toward the wheel-washing bay to prevent vehicle tracking of soil and silty water to public roads and drains;<br>• Oil interceptors should be provided in the drainage system downstream of any oil/fuel pollution sources. Oil interceptors should be emptied and cleaned regularly to prevent the release of oil and grease into the storm water drainage system after accidental spillage. A bypass should be provided for oil interceptors to prevent flushing during heavy rain. Any drainage channels connecting storm drains via designed sand/silt removal facilities should be disconnected/removed after completion of construction stage to prevent any direct discharge to the stormwater system;<br>• The construction solid waste, debris and rubbish on-site should be collected, handled and disposed of properly to avoid causing any water quality impacts. The requirements for solid waste management are detailed in Section 8 of EIA report; and<br>• All fuel tanks and storage areas should be provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to prevent spilled fuel oils from reaching the nearby WSRs. | | | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| 6.9.3 | 4.4.3 | There is a need to apply to the EPD for a discharge licence for discharge of effluent from the construction site under the WPCO. The discharge quality must meet the requirements as specified in the discharge licence. All the run-off and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the Technical Memorandum. Minimum distances of 100 m should be maintained between the discharge points of construction site effluent and the existing seawater intakes. In addition, no new effluent discharges in nearby typhoon shelters should be allowed. The beneficial uses of the treated effluent for other on-site activities such as dust suppression, wheel washing and general cleaning etc., would minimise water consumption and reduce the effluent discharge volume. | All work sites | Contractor and sub-contractor(s) | √ |
| 6.9.4 | 4.4.4 | Portable chemical toilets and sewage holding tanks are recommended for the handling of the construction sewage generated by the workforce. A licenced contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance. | All work sites | Contractor and sub-contractor(s) | √ |
| 6.9.6 | 4.4.5 | Any maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should be undertaken within the areas appropriately equipped to control these discharges. | All work sites | Contractor and sub-contractor(s) | √ |
| 6.9.7 | 4.4.6 | All sewage arising from the proposed Project should be collected and diverted to the public foul water drainage system via proper connections to minimise water quality impact from the operation of the Project and ensure compliance with Technical Memorandum on Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters under the Water Pollution Control Ordinance (WPCO-TM). | The Government Complex and Vehicle Depot | Contractor and sub-contractor(s), HKPF, FEHD, EMSD and GL | √ |
| 6.9.8 | 4.4.7 | Run-offs from the covered areas including vehicle washing bays and vehicle examination / maintenance / repair / testing area would be properly treated prior to discharge into the foul water drainage system. The wastewater treatment | The Government Complex and Vehicle Depot | Contractor and sub-contractor(s) | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| | | facilities for the proposed Project, which comprised of petrol interceptor and sedimentation tank, would be designed using sedimentation process with adequate treatment capacity. Oily waste collected by petrol interceptors is considered and disposed of as chemical waste. The wastewater treatment facilities for the proposed Project will be designed during the detailed design stage and the treated effluent for discharging into the public foul water drainage system should comply with the effluent standards as stated in the WPCO-TM. | | | |
| **Landscape and Visual** | | | | | |
| 7.8.2 | 5.2.1 | Hoardings should be provided with aesthetic treatment and designed to be subtle and camouflaged. It should be compatible with the surrounding landscape and visually "impermeable" to block the view of construction activities from VSRs. | All work sites | Contractor and sub-contractor(s) | √ |
| 7.8.3 | 5.2.1 | Temporary landscape treatment, such as the provision of temporary landscape planting around the Site office in ornamental pots and application of green roof for Site office, should be considered during construction phase. Landscape planting in movable planters should also be considered as a temporary greening measure for the Project area (i.e. along Site hoarding). Design of the green roof and the type of species to be used shall be reviewed and confirmed during detailed design stage. | All work sites | Contractor and sub-contractor(s) | N/A |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| 7.8.4 | 5.2.1 | Disturbance to existing vegetation should be avoided as far as practicable. Where possible, the construction programme should retain all trees in situ that are not in direct conflict with the development proposals. Subject to the detailed design of the proposed Project, a review shall be carried out before commencement of construction phase to assess the potential conflict of the construction activities with existing roadside trees and the need of corresponding measures. Proper protective fencing should be provided by the Contractor to protect the preserved trees before commencement of any works within the Project site. The protective fencing should be erected along or beyond the perimeter of the tree protection zone of each individual tree. | All work sites | Contractor and sub-contractor(s) | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| 7.8.7 | 5.2.1 | A multi-patch of landscape area should be provided on the roof of the proposed building to soften the impact of the built structure. An area of approximately 2600$m^2$ of shrub, which comprises of a mix of native and ornamental species, is proposed to be provided to enhance the aesthetics of views for those viewing the roof. The type of shrub species will be confirmed during detailed design stage. The planting should be commenced during construction stage and be completed before the completion of construction stage to ensure the measure will be implemented on Day 1 of operation stage. Vegetation maintenance should be provided by the Operator. | The Government Complex and Vehicle Depot | Contractor and sub-contractor(s), Operator | N/A |
| 7.8.8<br>7.8.9 | 5.2.1 | The exterior of the permanent structure of the proposed Project should use non-reflective external finishes in light colour that is visually unobtrusive with surrounding context. Non-reflective paving materials should be considered to reduce potential glare from surface reflectance. The finishing material and colour will be reviewed and confirmed during detailed design stage.<br>Lighting should be efficiently designed so that minimum amount of lighting is required for safety and security. The design may make reference to the Guidelines on Industry Best Practices for External Lighting Installations by Environmental Bureau, EPD and EMSD. The mounting height and direction of exterior lighting fixtures shall be designed and arranged to point away from sensitive receivers where possible. Specification of lighting operation schedule shall be formed by the operator to impose restriction on lighting operation after business hours, such as limiting the operation of lighting except for security lighting only, and in areas with necessary night-time operation where applicable. | The Government Complex and Vehicle Depot | Contractor and sub-contractor(s), Operator | N/A |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| **Waste Management** | | | | | |
| 8.5.1 | 6.2.1 | Recommendations for good site practices:<br>• The Contractor shall prepare a Waste Management Plan (WMP) in accordance with the requirements set out in the ETWB TCW No. 19/2005, Waste Management on Construction Site, for the Engineer's Representative approval. The WMP shall include monthly and yearly Waste Flow Tables that indicate the amounts of waste generated, recycled and disposed of (including final disposal site);<br>• The Contractor's waste management practices and effectiveness shall be audited by the Engineer's Representative on regular basis;<br>• The Contractor shall provide training for site staff for the concept of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling;<br>• The Contractor shall ensure sufficient waste disposal points and regular collection of waste;<br>• The Contractor shall use trucks with covering for the open-box bed and enclosed container shall be used to minimise windblown litter and dust during transportation of waste;<br>• The Contractor shall implement regular cleaning and maintenance programme for drainage systems, pumps and oil interceptors;<br>• Separation of chemical wastes for special handling and appropriate treatment at a Chemical Waste Treatment Facility (CWTF);<br>• Encourage collection of aluminium cans, paper and plastic bottles by providing separate labelled bins to enable these wastes to be segregated from other general refuse generated by the workforce;<br>• Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal;<br>• Wheel washing facilities shall be used by all trucks leaving the site to prevent transfer of mud onto public roads; | All works sites | Contractor and Sub-contractors | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| | | • Make provisions in contract documents to allow and promote the use of recycled aggregates where appropriate;<br>• No waste shall be burnt on-site;<br>• A recording system for the amount of wastes generated, recycled and disposed (including disposal sites) should be proposed;<br>• Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste; and<br>• Adequate numbers of portable toilets should be provided for on-site workers. Portable toilets should be maintained in reasonable states, which will not deter the workers form utilizing them. Night soil should be regularly collected by licensed collectors. | | | √ |
| 8.5.1 | 6.2.1 | <u>C&D Materials / Waste:</u><br>• Use standard formwork or pre-fabrication as far as practicable so as to minimise the C&D Materials arising;<br>• Consider the use of more durable formwork or plastic facing for construction works;<br>• Avoid the use of wooden hoardings and substitute with metal hoarding to facilitate recycling;<br>• Purchase of construction materials should be carefully planned in order to avoid over-ordering and wastage;<br>• Establish a trip-ticket system in accordance with DevB TC(W) No. 6/2010 and Waste Disposal (Charges for Disposal of Construction Waste) Regulation in order to monitor the disposal of inert C&D Materials at public fill and the remaining C&D Waste to landfills, and control fly-tipping;<br>• Design foundation works to minimise the amount of excavated material to be generated;<br>• Sort construction debris and excavated materials on-site to recover | All work sites | Contractor and Sub-contractors | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| | | reusable/recyclable portions (i.e. soil, broken concrete, metal, etc.) for backfilling and reinstatement;<br>• Segregate and store different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal;<br>• Specify in design & build contract the use of recycled aggregates where appropriate;<br>• Plan and stock construction materials carefully to minimise the amount of waste to be generated and to avoid unnecessary generation of waste; and<br>• Recommend the use of metal fencing or building panels, which are more durable than wooden panels, for the erection of construction site hoarding. | | | √ |
| 8.5.1 | 6.2.1 | <u>Chemical waste:</u><br>• Chemical waste producers should be registered with the EPD;<br>• Chemical waste should be handled in accordance with the "Code of Practice on the Packaging, Handling and Storage of Chemical Wastes" including but not limited to the followings:<br>– Good quality containers compatible with the chemical wastes should be used and maintained in good conditions and securely closed, with incompatible chemicals be stored separately.<br>– Appropriate labels should be securely attached on each chemical waste container in English and Chinese according to the instructions prescribed in Schedule 2 of the Regulations.<br>– A licensed collector to transport and dispose of the chemical wastes should be employed by the Contractor, to either the Chemical Waste Treatment Centre at Tsing Yi, or any other licensed facilities.<br>• Waste oils, chemicals or solvents should not be discharged to drain; and<br>• Routine cleaning and maintenance programme for drainage systems, sumps | The Government Complex and Vehicle Depot | Contractor and Sub-contractor; HKPF, FEHD, EMSD and GL | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| | | and oil interceptors during operation. | | | |
| 8.5.1 | 6.2.1 | General refuse:<br>• Sufficient dustbins should be provided for storage of waste as required under the Public Cleansing and Prevention of Nuisances By-laws;<br>• Sufficient enclosed bins should be provided for general refuse, food and beverage waste to reduce odour, pest and litter impacts;<br>• General refuse arising on-site should be stored in enclosed bins or compaction units separately from C&D and chemical wastes;<br>• A reliable waste collector should be employed to clear general refuse from the construction site on a daily basis and disposed of to the licensed landfill or refuse transfer station;<br>• Office wastes can be reduced by recycling of paper if such volume is sufficiently large to warrant collection. Participation in a local collection scheme by the Contractor should be advocated; and<br>• Waste separation facilities for paper, aluminium cans, plastic bottles, etc. should be provided on-site and collected by individual collectors should be encouraged. | The Government Complex and Vehicle Depot | Contractor and Sub-contractor; HKPF, FEHD, EMSD and GL | √ |
| **Hazard to Life** | | | | | |
| 10.11.1 | 8.2.1 | Recommendations for good site practices in construction phase:<br>• ignition of fire on site should be controlled throughout the construction programme;<br>• any temporary storage of fuel and flammable chemical should be minimised to reduce chance of causing explosion or escalation of fire in the case of emergency event at nearby potentially hazardous sources; | All works area | Contractor and sub-contractors | √ |

| EIA Ref. | EM&A Manual Ref. | Environmental Protection Measures | Location/ Duration of Measures/ Timing of Completion of Measures | Implementation Agent | Status |
|---|---|---|---|---|---|
| | | • fire extinguisher or other firefighting equipment should be made easily accessible to on-site workers; and<br>• establish communication channel and evacuation plan in the case of emergency event at nearby potentially hazardous sources. | | | |

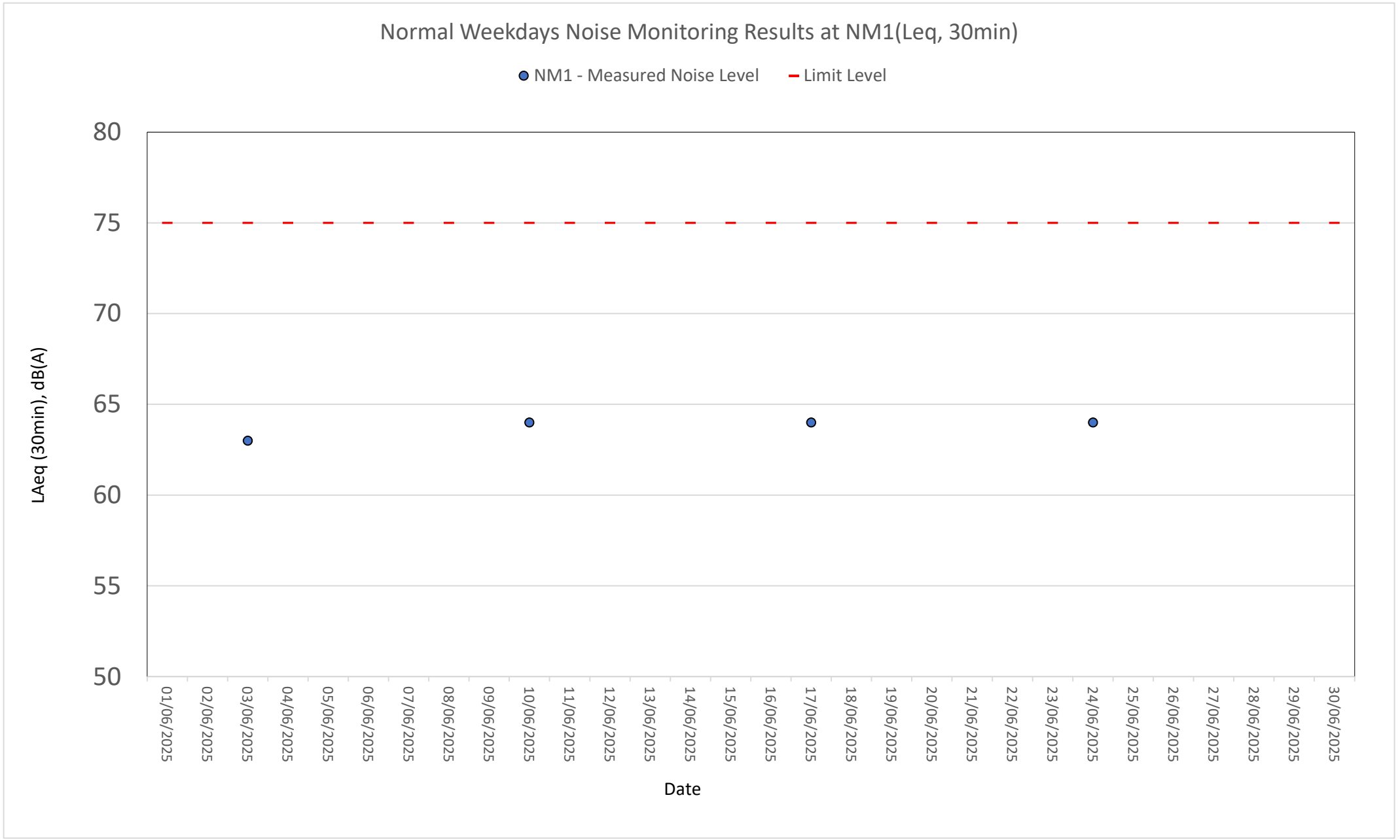
Remark:
√ Compliance of Mitigation Measures
<> Compliance of Mitigation but need improvement
x Non-compliance of Mitigation Measures
▲ Non-compliance of Mitigation Measures but rectified by Yau Lee Construction, Co, Ltd
Δ Deficiency of Mitigation Measures but rectified by Yau Lee Construction, Co, Ltd
N/A Not Applicable in Reporting Period

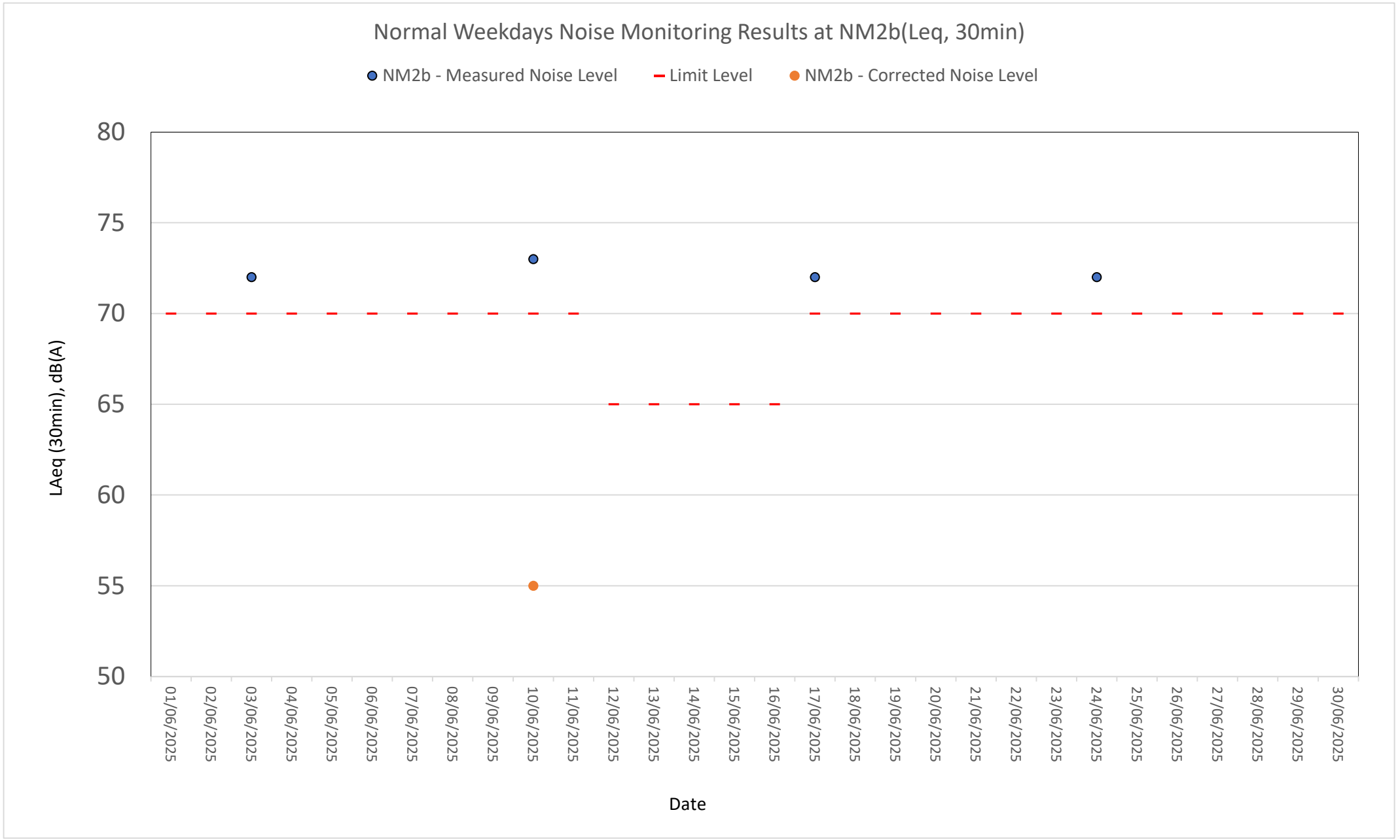
# Appendix 7

Contract No. SS H504 Design and Construction of Chai Wan Government Complex and Vehicle Depot
Noise Monitoring Data

| Date(yyyy-mm-dd) | Station | Start Time | Wind Speed, m/s | 1st set 5mins, dB(A) | | 2nd set 5mins, dB(A) | | 3rd set 5mins, dB(A) | | 4th set 5mins, dB(A) | | 5th set 5mins, dB(A) | | 6th set 5mins, dB(A) | | Measured Noise Level [Construction Noise Level], Leq 30mins, dB(A) | | Unit | Site Observation | Construction Noise Level # | Unit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2025-06-03 | NM1* | 14:42 | 0.5 | Leq: | 63.2 | Leq: | 63.1 | Leq: | 62.3 | Leq: | 62.1 | Leq: | 62.4 | Leq: | 63.4 | Leq: | 63 | dB(A) | Major: Noise from Yau Lee Site<br>Other: Railway Noise and Traffic Noise. | N.A. | dB(A) |
| | | | | L10: | 66.4 | L10: | 67 | L10: | 65.8 | L10: | 65.3 | L10: | 65.7 | L10: | 66.4 | | | | | | |
| | | | | L90: | 57.6 | L90: | 57.3 | L90: | 56.8 | L90: | 57.7 | L90: | 57.7 | L90: | 58.3 | | | | | | |
| 2025-06-03 | NM2b * | 14:06 | 0.3 | Leq: | 72.1 | Leq: | 71 | Leq: | 71.8 | Leq: | 72.6 | Leq: | 71.7 | Leq: | 72.7 | Leq: | 72^ | dB(A) | Major: Noise from Yau Lee Site<br>Other: Traffic Noise. | N.A. | dB(A) |
| | | | | L10: | 75.9 | L10: | 74.9 | L10: | 75.8 | L10: | 76 | L10: | 75.8 | L10: | 76.7 | | | | | | |
| | | | | L90: | 64 | L90: | 63.4 | L90: | 64.7 | L90: | 65.9 | L90: | 64.5 | L90: | 65.1 | | | | | | |
| 2025-06-03 | NM3 | 13:22 | 0.4 | Leq: | 69.1 | Leq: | 73.8 | Leq: | 71.3 | Leq: | 67.6 | Leq: | 66.2 | Leq: | 66.8 | Leq: | 70 [57 #] | dB(A) | Major: Noise from Yau Lee Site<br>Other: Noise from Cargo Handling Area. | 57.01 | dB(A) |
| | | | | L10: | 71.3 | L10: | 71.1 | L10: | 74.7 | L10: | 69.9 | L10: | 68.4 | L10: | 69.2 | | | | | | |
| | | | | L90: | 65.1 | L90: | 65.8 | L90: | 64.2 | L90: | 64.2 | L90: | 64.2 | L90: | 64.5 | | | | | | |
| 2025-06-10 | NM1* | 14:40 | 1.2 | Leq: | 65.8 | Leq: | 64.4 | Leq: | 63.7 | Leq: | 62.7 | Leq: | 61.9 | Leq: | 61 | Leq: | 64 | dB(A) | Major: Noise from Yau Lee Site<br>Other: Railway Noise and Traffic Noise. | N.A. | dB(A) |
| | | | | L10: | 67.6 | L10: | 66.7 | L10: | 66.1 | L10: | 65.4 | L10: | 64.9 | L10: | 63.4 | | | | | | |
| | | | | L90: | 62.5 | L90: | 59.5 | L90: | 59.3 | L90: | 58 | L90: | 56.9 | L90: | 56.9 | | | | | | |
| 2025-06-10 | NM2b * | 14:04 | 1 | Leq: | 73.2 | Leq: | 71.9 | Leq: | 74.1 | Leq: | 74.2 | Leq: | 74.7 | Leq: | 71.9 | Leq: | 73 [55 #] | dB(A) | Major: Noise from Yau Lee Site<br>Other: Traffic Noise. | 55.49 | dB(A) |
| | | | | L10: | 76.6 | L10: | 75.4 | L10: | 77 | L10: | 77.7 | L10: | 77.4 | L10: | 75.6 | | | | | | |
| | | | | L90: | 66.9 | L90: | 66.4 | L90: | 69.4 | L90: | 67.9 | L90: | 68 | L90: | 65.8 | | | | | | |
| 2025-06-10 | NM3 | 13:19 | 0.6 | Leq: | 68.4 | Leq: | 68.5 | Leq: | 69.1 | Leq: | 68.3 | Leq: | 68.7 | Leq: | 68.2 | Leq: | 69 | dB(A) | Major: Noise from Yau Lee Site<br>Other: Noise from Cargo Handling Area. | N.A. | dB(A) |
| | | | | L10: | 69.4 | L10: | 69.2 | L10: | 70.1 | L10: | 69.2 | L10: | 69.8 | L10: | 69.2 | | | | | | |
| | | | | L90: | 67.2 | L90: | 67.3 | L90: | 67.4 | L90: | 67.2 | L90: | 67.4 | L90: | 66.9 | | | | | | |
| 2025-06-17 | NM1* | 15:12 | 0.5 | Leq: | 65.8 | Leq: | 64.4 | Leq: | 63.7 | Leq: | 62.7 | Leq: | 61.9 | Leq: | 61 | Leq: | 64 | dB(A) | Major: Noise from Yau Lee Site<br>Other: Railway Noise and Traffic Noise. | N.A. | dB(A) |
| | | | | L10: | 67.6 | L10: | 66.7 | L10: | 66.1 | L10: | 65.4 | L10: | 64.9 | L10: | 63.4 | | | | | | |
| | | | | L90: | 62.5 | L90: | 59.5 | L90: | 59.3 | L90: | 58 | L90: | 56.9 | L90: | 56.9 | | | | | | |
| 2025-06-17 | NM2b * | 14:36 | 0.4 | Leq: | 71.7 | Leq: | 72.1 | Leq: | 73 | Leq: | 72.6 | Leq: | 71.9 | Leq: | 71.3 | Leq: | 72^ | dB(A) | Major: Noise from Yau Lee Site<br>Other: Traffic Noise. | N.A. | dB(A) |
| | | | | L10: | 75 | L10: | 76.3 | L10: | 75.4 | L10: | 75.6 | L10: | 75.5 | L10: | 74.4 | | | | | | |
| | | | | L90: | 66.1 | L90: | 66 | L90: | 65.7 | L90: | 66 | L90: | 66 | L90: | 66.2 | | | | | | |
| 2025-06-17 | NM3 | 13:55 | 0.4 | Leq: | 65.6 | Leq: | 66 | Leq: | 65.9 | Leq: | 65.2 | Leq: | 65.7 | Leq: | 65.3 | Leq: | 66 | dB(A) | Major: Noise from Yau Lee Site<br>Other: Noise from Cargo Handling Area. | N.A. | dB(A) |
| | | | | L10: | 66.7 | L10: | 67.2 | L10: | 67.5 | L10: | 66.3 | L10: | 66.7 | L10: | 66.8 | | | | | | |
| | | | | L90: | 64.2 | L90: | 64.3 | L90: | 63.8 | L90: | 63.9 | L90: | 64.4 | L90: | 63.5 | | | | | | |
| 2025-06-24 | NM1* | 14:42 | 0.3 | Leq: | 65.8 | Leq: | 64.4 | Leq: | 63.7 | Leq: | 62.7 | Leq: | 61.9 | Leq: | 61 | Leq: | 64 | dB(A) | Major: Noise from Yau Lee Site<br>Other: Railway Noise and Traffic Noise. | N.A. | dB(A) |
| | | | | L10: | 67.6 | L10: | 66.7 | L10: | 66.1 | L10: | 65.4 | L10: | 64.9 | L10: | 63.4 | | | | | | |
| | | | | L90: | 62.5 | L90: | 59.9 | L90: | 59.3 | L90: | 58 | L90: | 56.9 | L90: | 56.9 | | | | | | |
| 2025-06-24 | NM2b * | 14:06 | 0.2 | Leq: | 72.1 | Leq: | 71 | Leq: | 71.8 | Leq: | 72.6 | Leq: | 71.7 | Leq: | 72.7 | Leq: | 72^ | dB(A) | Major: Noise from Yau Lee Site<br>Other: Traffic Noise. | N.A. | dB(A) |
| | | | | L10: | 75.9 | L10: | 74.9 | L10: | 75.8 | L10: | 76 | L10: | 75.8 | L10: | 76.7 | | | | | | |
| | | | | L90: | 64 | L90: | 63.4 | L90: | 64.7 | L90: | 65.9 | L90: | 64.5 | L90: | 65.1 | | | | | | |
| 2025-06-24 | NM3 | 13:23 | 0.3 | Leq: | 68.2 | Leq: | 67.4 | Leq: | 67 | Leq: | 67.7 | Leq: | 68 | Leq: | 66.7 | Leq: | 68 | dB(A) | Major: Noise from Yau Lee Site<br>Other: Noise from Cargo Handling Area. | N.A. | dB(A) |
| | | | | L10: | 69.4 | L10: | 68.6 | L10: | 68.3 | L10: | 69.7 | L10: | 69 | L10: | 67.8 | | | | | | |
| | | | | L90: | 66.6 | L90: | 66.1 | L90: | 65.7 | L90: | 65.7 | L90: | 65.8 | L90: | 65.2 | | | | | | |

Remark: * A facade correction of +3 dB(A) was applied to the measured noise level.
# The measured noise levels exceeded the noise level of 70dB(A) and they were higher than the baseline level of 73.4 dB(A) for NM2b & 69.8dB(A) for NM3.
Therefore, baseline corrections were carried out and the corrected noise level which solely represent the noise level of Construction works are lower than the noise criteria. As such the EAP was not triggered.
^ On 3, 17 & 24 June 2025, the measured noise level of NM2b exceeded the limit level of 70dB(A). However, it was lower than the baseline level of 73.4 dB(A). Therefore, it is not considered as an limit level exceedance.


Normal Weekdays Noise Monitoring Results at NM1(Leq, 30min)
NM1 - Measured Noise Level
Limit Level
LAeq (30min), dB(A)
80
75
70
65
60
55
50
01/06/2025
02/06/2025
03/06/2025
04/06/2025
05/06/2025
06/06/2025
07/06/2025
08/06/2025
09/06/2025
10/06/2025
11/06/2025
12/06/2025
13/06/2025
14/06/2025
15/06/2025
16/06/2025
17/06/2025
18/06/2025
19/06/2025
20/06/2025
21/06/2025
22/06/2025
23/06/2025
24/06/2025
25/06/2025
26/06/2025
27/06/2025
28/06/2025
29/06/2025
30/06/2025
Date


Normal Weekdays Noise Monitoring Results at NM2b(Leq, 30min)
NM2b - Measured Noise Level
Limit Level
NM2b - Corrected Noise Level
LAeq (30min), dB(A)
80
75
70
65
60
55
50
01/06/2025
02/06/2025
03/06/2025
04/06/2025
05/06/2025
06/06/2025
07/06/2025
08/06/2025
09/06/2025
10/06/2025
11/06/2025
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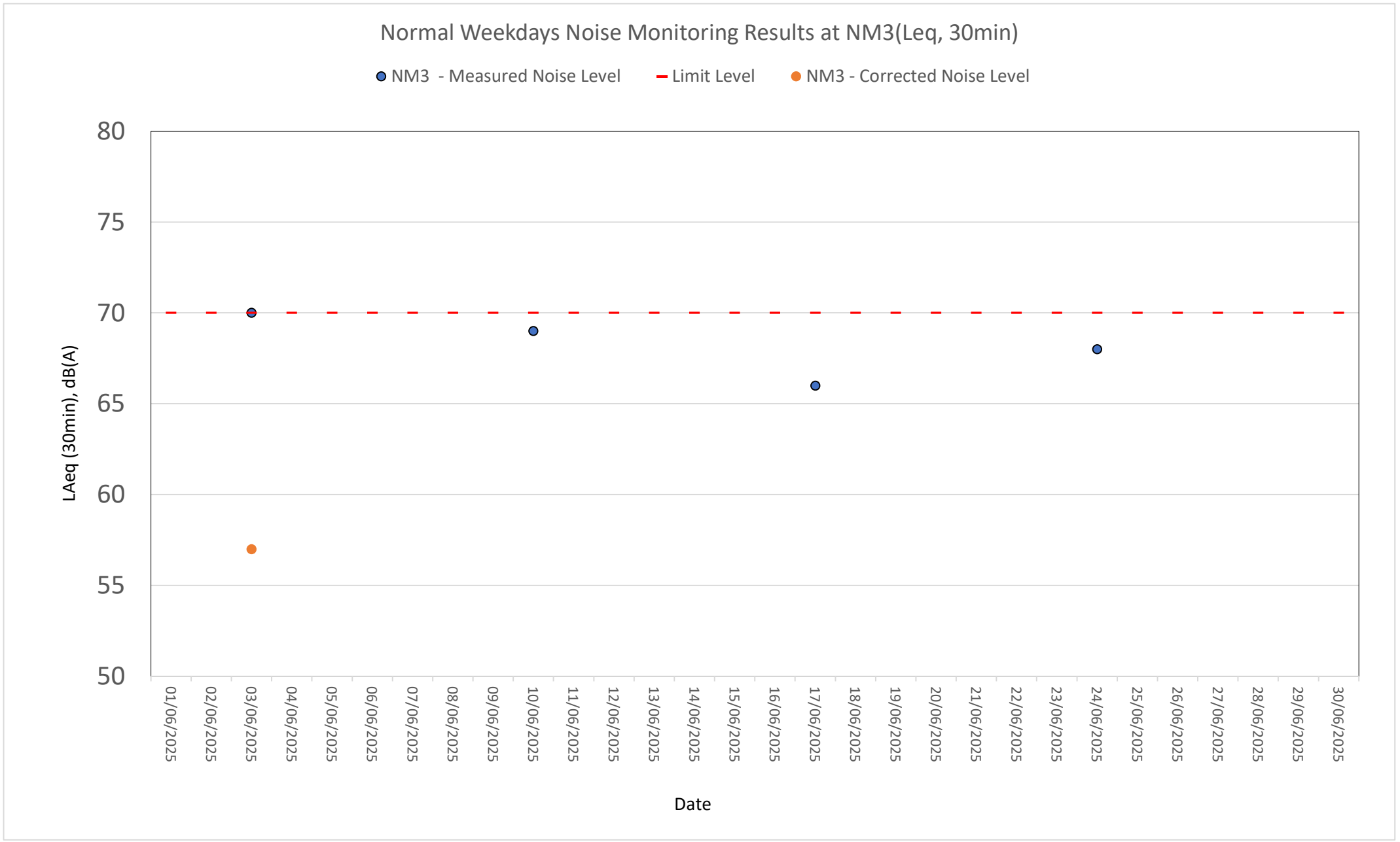
21/06/2025
22/06/2025
23/06/2025
24/06/2025
25/06/2025
26/06/2025
27/06/2025
28/06/2025
29/06/2025
30/06/2025
Date


Normal Weekdays Noise Monitoring Results at NM3(Leq, 30min)
NM3 - Measured Noise Level
Limit Level
NM3 - Corrected Noise Level
LAeq (30min), dB(A)
80
75
70
65
60
55
50
01/06/2025
02/06/2025
03/06/2025
04/06/2025
05/06/2025
06/06/2025
07/06/2025
08/06/2025
09/06/2025
10/06/2025
11/06/2025
12/06/2025
13/06/2025
14/06/2025
15/06/2025
16/06/2025
17/06/2025
18/06/2025
19/06/2025
20/06/2025
21/06/2025
22/06/2025
23/06/2025
24/06/2025
25/06/2025
26/06/2025
27/06/2025
28/06/2025
29/06/2025
30/06/2025
Date

# Appendix 8

# Waste Flow Table

| Total Quantities of C&D Materials to be Generated from the Contract | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | Hard Rock and Large Broken Concrete (in tonne) | Reused in the Contract (in tonne) | Reused in Other Projects (in tonne) | Disposed as Public Fill (Inert waste)[1] (in tonne) | Imported Fill (in tonne) | Metals (in '000kg) | Timber (in '000kg) | Paper / Cardboard Packaging (in '000kg) | Plastics (in '000kg) | Chemical Waste (in '000L) | Others, e.g. general refuse (Non-inert waste)[2] (in tonne) |
| Jul-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.28 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.67 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 0 | 6.77 | 0.055 | 0 | 0 | 1.23 |
| Dec-21 | 0 | 0 | 0 | 811.54 | 0 | 0 | 0 | 0 | 0 | 0 | 7.84 |
| Jan-22 | 0 | 0 | 0 | 3270.8 | 0 | 0 | 0 | 0 | 0 | 0 | 2.5 |
| Feb-22 | 0 | 0 | 0 | 2886.66 | 0 | 0 | 0 | 0 | 0 | 0 | 1.31 |
| Mar-22 | 0 | 0 | 0 | 3793 | 0 | 0 | 0 | 0 | 0 | 0 | 3.43 |
| Apr-22 | 0 | 0 | 0 | 3126.84 | 0 | 7.420 | 0 | 0 | 0 | 0 | 3.58 |
| May-22 | 0 | 0 | 0 | 2414.91 | 0 | 0.000 | 0 | 0 | 0 | 0 | 3.64 |
| Jun-22 | 0 | 0 | 0 | 4427.27 | 0 | 0 | 0 | 0 | 0 | 0 | 2.36 |
| Jul-22 | 0 | 0 | 0 | 6759.07 | 0 | 0 | 0 | 0 | 0 | 1 | 4.28 |
| Aug-22 | 0 | 0 | 0 | 5152.13 | 0 | 0 | 0 | 0 | 0 | 0 | 1.89 |
| Sep-22 | 0 | 0 | 0 | 5305.27 | 0 | 0 | 0 | 0 | 0 | 0 | 8.32 |
| Oct-22 | 0 | 0 | 0 | 5120.34 | 0 | 0 | 0 | 0 | 0 | 0 | 12.84 |
| Nov-22 | 0 | 0 | 0 | 5733.35 | 0 | 0 | 0 | 0 | 0 | 0 | 1.75 |
| Dec-22 | 0 | 0 | 0 | 2063.77 | 0 | 0 | 0 | 0 | 0 | 0 | 3.02 |
| Sub-Total | 0 | 0 | 0 | 50864.95 | 0 | 7.42 | 6.77 | 0.055 | 0 | 1 | 66.94 |

Note: 1. Inert waste will be disposed to Chai Wan Public Fill Barging Point (CW-PFBP) or Fill Bank at Tseung Kwan O Area 137(TKO137FB).

2. Non-inert waste (General refuse) will be disposed to North East New Territories Landfill (NENT).

# Waste Flow Table

| Total Quantities of C&D Materials to be Generated from the Contract | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | Hard Rock and Large Broken Concrete (in tonne) | Reused in the Contract (in tonne) | Reused in Other Projects (in tonne) | Disposed as Public Fill (Inert waste)[1] (in tonne) | Imported Fill (in tonne) | Metals (in '000kg) | Timber (in '000kg) | Paper / Cardboard Packaging (in '000kg) | Plastics (in '000kg) | Chemical Waste (in '000L) | Others, e.g. general refuse (Non-inert waste)[2] (in tonne) |
| Jan-23 | 0 | 0 | 0 | 577.99 | 0 | 0 | 0 | 0 | 0 | 0 | 17.84 |
| Feb-23 | 0 | 0 | 0 | 1493.86 | 0 | 0 | 0 | 0 | 0 | 0 | 45.42 |
| Mar-23 | 0 | 0 | 0 | 3537.78 | 0 | 0 | 0 | 0 | 0 | 0 | 9.53 |
| Apr-23 | 0 | 0 | 0 | 7255.41 | 0 | 0 | 0 | 0 | 0 | 0 | 7.86 |
| May-23 | 0 | 0 | 0 | 1788.17 | 0 | 0 | 0 | 0 | 0 | 0 | 8.7 |
| Jun-23 | 0 | 0 | 0 | 2005.44 | 0 | 0 | 0 | 0 | 0 | 0 | 27.29 |
| Jul-23 | 0 | 0 | 0 | 2950.43 | 0 | 0 | 0 | 0 | 0 | 0.2 | 19.94 |
| Aug-23 | 0 | 0 | 0 | 5610.19 | 0 | 0 | 0 | 0 | 0 | 0 | 26.12 |
| Sep-23 | 0 | 0 | 0 | 1014.45 | 0 | 0 | 0 | 0 | 0 | 0 | 26.6 |
| Oct-23 | 0 | 0 | 0 | 2479.82 | 0 | 0 | 0 | 0 | 0 | 0 | 31.78 |
| Nov-23 | 0 | 0 | 0 | 2974.54 | 0 | 0 | 0 | 0 | 0 | 0 | 135.19 |
| Dec-23 | 0 | 0 | 0 | 3126.35 | 0 | 0 | 0 | 0 | 0 | 0 | 59.96 |
| Jan-24 | 0 | 0 | 0 | 1496.21 | 0 | 0 | 0 | 0 | 0 | 0 | 54.34 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37.92 |
| Mar-24 | 0 | 0 | 0 | 29.22 | 0 | 0 | 0 | 0 | 0 | 0 | 84.15 |
| Apr-24 | 0 | 0 | 0 | 119.11 | 0 | 0 | 0 | 0 | 0 | 0 | 158.5 |
| May-24 | 0 | 0 | 0 | 47.18 | 0 | 0 | 0 | 0 | 0 | 0 | 102.39 |
| Jun-24 | 0 | 0 | 0 | 61.2 | 0 | 0 | 0 | 0 | 0 | 0 | 172.39 |
| Jul-24 | 0 | 0 | 0 | 6.69 | 0 | 0 | 0 | 0 | 0 | 0 | 321.12 |
| Aug-24 | 0 | 0 | 0 | 228.59 | 0 | 0 | 0 | 0 | 0 | 0 | 385.93 |
| Sep-24 | 0 | 0 | 0 | 26.89 | 0 | 0 | 0 | 0 | 0 | 0 | 376.04 |
| Oct-24 | 0 | 0 | 0 | 20.1 | 0 | 0 | 0 | 0 | 0 | 0 | 526.06 |
| Nov-24 | 0 | 0 | 0 | 652.24 | 0 | 0 | 0 | 0 | 0 | 0 | 390.35 |
| Dec-24 | 0 | 0 | 0 | 477.17 | 0 | 0 | 0 | 0 | 0 | 0 | 274.31 |
| Sub-Total | 0 | 0 | 0 | 37979.03 | 0 | 0 | 0 | 0 | 0 | 0.2 | 3299.73 |

Note: 1. Inert waste will be disposed to Chai Wan Public Fill Barging Point (CW-PFBP) or Fill Bank at Tseung Kwan O Area 137(TKO137FB).

2. Non-inert waste (General refuse) will be disposed to North East New Territories Landfill (NENT).

# Waste Flow Table

| Total Quantities of C&D Materials to be Generated from the Contract | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | Hard Rock and Large Broken Concrete (in tonne) | Reused in the Contract (in tonne) | Reused in Other Projects (in tonne) | Disposed as Public Fill (Inert waste)[1] (in tonne) | Imported Fill (in tonne) | Metals (in '000kg) | Timber (in '000kg) | Paper / Cardboard Packaging (in '000kg) | Plastics (in '000kg) | Chemical Waste (in '000L) | Others, e.g. general refuse (Non-inert waste)[2] (in tonne) |
| Jan-25 | 0 | 0 | 0 | 160.32 | 0 | 0 | 0 | 0 | 0 | 0 | 371.83 |
| Feb-25 | 0 | 0 | 0 | 65.82 | 0 | 0 | 0 | 0 | 0 | 0 | 419.38 |
| Mar-25 | 0 | 0 | 0 | 203.67 | 0 | 0 | 0 | 0 | 0 | 0 | 545.9 |
| Apr-25 | 0 | 0 | 0 | 395.72 | 0 | 0 | 0 | 0 | 0 | 0 | 498.88 |
| May-25 | 0 | 0 | 0 | 284.46 | 0 | 0 | 0 | 0 | 0 | 0 | 442.45 |
| Jun-25 | 0 | 0 | 0 | 18.97 | 0 | 0 | 0 | 0 | 0 | 0 | 535.52 |
| Total | 0 | 0 | 0 | 89972.94 | 0 | 7.420 | 6.77 | 0.055 | 0 | 1.2 | 6180.63 |

Note: 1. Inert waste will be disposed to Chai Wan Public Fill Barging Point (CW-PFBP) or Fill Bank at Tseung Kwan O Area 137(TKO137FB).

2. Non-inert waste (General refuse) will be disposed to North East New Territories Landfill (NENT).

# Appendix 9

| | | | |
|---|---|---|---|
| Inspection Date: | 06 June 2025 | Inspected By: | Winnie Ho |
| Time: | 14:15 – 15:15 | Weather Condition: | Sunny |
| Participants: | Mr. C.K.Sin (Engineer's Representative); Desmond Ho (Contractor); Eric Leung (Contractor); Echo Hung (IEC); Winnie Ho (ET) | | |

| A | Permits/Licenses | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| A1 | Are Environmental Permit, license/ other permit displayed at major site exit and vehicle access? | ☐ | ☒ | ☐ | EP No.: EP-505/2015/A |
| A2 | Are Construction Noise Permits available for inspection/posted at site entrance. | ☐ | ☒ | ☐ | |
| A3 | Is wastewater discharge licence available for inspection? | ☐ | ☒ | ☐ | |
| A4 | Are trip tickets for chemical waste and construction waste disposal available for inspection? | ☐ | ☒ | ☐ | |
| A5 | Are relevant licence/permit for disposal of construction waste or excavated materials available for inspection? | ☐ | ☒ | ☐ | |

| B | Air Quality | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| B1 | Is open burning avoided? | ☐ | ☒ | ☐ | |
| B2 | Are completed earthworks sealed as soon as practicable? | ☐ | ☒ | ☐ | |
| B3 | Are plant and equipment well maintained (i. e. without black smoke from powered plant)? | ☐ | ☒ | ☐ | |
| B4 | Are NRMM labels properly affixed on the PMEs? | ☐ | ☒ | ☐ | |
| B5 | Any remedial action undertaken? | ☒ | ☐ | ☐ | N.A. |
| B6 | Observed dust source(s) | | | | |
| | | ☒ Wind erosion | | | |
| | | ☒ Vehicle/ Equipment Movements | | | |
| | | ☒ Loading/ unloading of materials | | | |
| | | ☐ Others: _____ | | | |
| B7 | Are unpaved areas/ designated roads watered regularly to avoid dust generation? | ☐ | ☒ | ☐ | |
| B8 | Are dusty materials covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading? | ☐ | ☒ | ☐ | |
| B9 | After removal of stockpile, are the remained dusty materials wetted with water and cleared from surface of roads? | ☐ | ☒ | ☐ | |
| B10 | Is the stockpile of dusty materials avoid to be extend beyond the pedestrian barriers, fencing or traffic cones? | ☐ | ☒ | ☐ | |

| | | | | | |
|---|---|---|---|---|---|
| B11 | Are loaded dump trucks covered by impervious sheeting appropriately before leaving the site? | ☒ | ☐ | ☐ | N.A. |
| B12 | Are wheel washing facilities with high pressure water jet provided at all site exits if practicable? | ☐ | ☒ | ☐ | |
| B13 | Are all vehicles and plant cleaned before they leave the construction site? | ☐ | ☒ | ☐ | |
| B14 | Are hoarding ≥ 2.4m tall provided beside roads or area with public access? | ☐ | ☒ | ☐ | |
| B15 | Is the portion of any road leading only to construction site (within 30m of a vehicle entrance or exit) kept clear of dusty materials? | ☐ | ☒ | ☐ | |
| B16 | Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations takes place sprayed with water or a dust suppression chemical continuously? | ☐ | ☒ | ☐ | |
| B17 | Is the area involved demolition activities sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet? | ☒ | ☐ | ☐ | N.A. |
| B18 | Is scaffolding erected around the perimeter of a building under construction? | ☐ | ☒ | ☐ | |
| B19 | Are effective dust screens, sheeting or netting provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding? | ☐ | ☒ | ☐ | |
| B20 | Is the skip hoist for materials transport enclosed by impervious sheeting? | ☒ | ☐ | ☐ | N.A. |
| B21 | Is every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and 3 sides? | ☐ | ☒ | ☐ | |
| B22 | Are the areas of washing facilities and the road section between the washing facilities and the exit point paved with concrete, bituminous materials or hardcores? | ☐ | ☒ | ☐ | |
| B23 | Are cement or dry PFA delivered in bulk stored in a closed silo fitted with an audible high-level alarm which is interlocked with the material filling line and no overfilling is allowed? | ☐ | ☒ | ☐ | |
| B24 | Are the activities of loading, unloading, transfer, handing or storage of bulk cement or dry PFA carried out in a totally enclosed system or facility? | ☐ | ☒ | ☐ | |
| B25 | Is any vent or exhaust fitted with an effective fabric filter or equipment air pollution control system? | ☒ | ☐ | ☐ | N.A. |
| B26 | Is the exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after last construction activity on the construction site or part of the construction site where the exposed earth lies? | ☐ | ☒ | ☐ | |
| B27 | Are the worksites wetted with water regularly? | ☐ | ☒ | ☐ | |
| B28 | Is generation of dust avoided during loading or unloading? | ☐ | ☒ | ☐ | |

| | | | | | |
|---|---|---|---|---|---|
| B29 | Are all trucks loaded to a level within the side and tail boards? | ☐ | ☒ | ☐ | |
| B30 | Are appropriate speed limit sign displayed? | ☐ | ☒ | ☐ | |
| B31 | Are designated roads paved? | ☐ | ☒ | ☐ | |
| B32 | Are site vehicle movements confined to designated roads? | ☐ | ☒ | ☐ | |

| C | Noise | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| C1 | Is well-maintained plant operated on-site and plant served regularly? | ☐ | ☒ | ☐ | |
| C2 | Are vehicles and equipment switched off or throttled down while not in use? | ☐ | ☒ | ☐ | |
| C3 | Is the noise directed away from nearby NSRs? | ☐ | ☒ | ☐ | |
| C4 | Are the silencers or mufflers properly fitted on construction equipment and maintained regularly? | ☐ | ☒ | ☐ | |
| C5 | Are mobile and/or noisy plant sited as far away from NSRs as possible and practicable and orientated so that the noise is directed away from nearby NSRs? | ☐ | ☒ | ☐ | |
| C6 | Are material stockpiles, mobile container officer and other structures utilised to screen noisy activates? | ☒ | ☐ | ☐ | N.A. |
| C7 | Is temporary hoarding installed located on the site boundaries between noisy construction activities and NSRs? | ☐ | ☒ | ☐ | |
| C8 | Are noise barriers (typically density @14kg/$m^2$) acoustic mat or full enclosure close to noise plants including air compressor, generators and saw etc. provided to protect NSRs? | ☐ | ☒ | ☐ | |
| C9 | Is the sequencing operation of construction plants where practicable? | ☐ | ☒ | ☐ | |
| C10 | Is the hoarding maintained properly? | ☐ | ☒ | ☐ | |
| C11 | Do air compressors have valid noise labels? | ☐ | ☒ | ☐ | |
| C12 | Are compressor operated with doors closed? | ☐ | ☒ | ☐ | |
| C13 | QPME used with valid noise labels? | ☐ | ☒ | ☐ | |
| C14 | Major noise source(s) | | | | |
| | | ☐ Traffic | | | |
| | | ☒ Construction activities inside of site | | | |
| | | ☐ Construction activities outside of site | | | |
| | | ☐ Others:_____ | | | |

| D | Water Quality | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| **Construction Activities** | | | | | |
| D1 | Are catchpits and perimeter channels constructed in advance of site formation works and earthworks? | ☐ | ☒ | ☐ | |
| D2 | Is wastewater from temporary site facilities controlled to prevent direct discharge to surface or marine water? | ☐ | ☒ | ☐ | |
| D3 | Is minimise surface excavation works during rainy seasons (April to September), as possible? | ☐ | ☒ | ☐ | |
| D4 | Is the storm drainage directed to storm drains via adequately designed sand/ silt removal facilities e.g. sand traps, silt? | ☐ | ☒ | ☐ | |
| D5 | Are channels, earth bunds or sandbag barriers provided on site to properly direct stormwater to such silt removal facilities? | ☐ | ☐ | ☒ | Refer to Observation 1 |
| D6 | Are the silt removal facilities, channels and manholes maintained regularly? | ☐ | ☒ | ☐ | |
| D7 | Are the temporary access roads surfaced with crushed stone or gravel? | ☐ | ☒ | ☐ | |
| D8 | Is the deposited silt and grit removed regularly? | ☐ | ☒ | ☐ | |
| D9 | Is rainwater pumped out from trenches discharged into storm drains via silt system? | ☐ | ☒ | ☐ | |
| D10 | Are measures taken to prevent the washout of construction materials, soil, silt or debris into any drainage system? | ☐ | ☒ | ☐ | |
| D11 | Are open stockpiles of construction materials e.g. aggregates and sand on site covered with tarpaulin or similar fabric during rainstorms? | ☐ | ☒ | ☐ | |
| D12 | Are manholes adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage? | ☐ | ☒ | ☐ | |
| D13 | Are the discharges of surface run-off into foul sewer always prevented? | ☐ | ☒ | ☐ | |
| D14 | Is a wheel washing bay provided at every site exit? | ☐ | ☒ | ☐ | |
| D15 | Is the wheel wash overflow directed to silt removal facilities before being discharged to the storm drain? | ☐ | ☒ | ☐ | |
| D16 | Is the section of construction road between the wheel washing bay and the public road surfaced with crushed stone or coarse gravel? | ☐ | ☒ | ☐ | |
| D17 | Is wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities screened to remove large objects? | ☐ | ☒ | ☐ | |
| D18 | Are the vehicle and plant serving areas, vehicle wash bays and lubrication facilities located under roofed areas? | ☐ | ☒ | ☐ | |
| D19 | Is leakage or spillages contained and cleaned up immediately? | ☐ | ☒ | ☐ | |
| D20 | Does the surface runoff from bunded areas pass through oil/grease traps prior to discharge to the storm water system? | ☒ | ☐ | ☐ | N.A. |

| | | | | | |
|---|---|---|---|---|---|
| D21 | Are site drainage systems provided over the entire project site with sediment control facilities? | ☐ | ☒ | ☐ | |
| D22 | Are sedimentation tanks or package treatment systems provided to treat the large amount of sediment-laden wastewater generated from wheel washing, site runoff and construction works? | ☐ | ☒ | ☐ | |
| D23 | Is the generated wastewater with high concentrations of SS collected to the sedimentation tanks or package treatment systems for proper treatment prior to disposal? | ☐ | ☒ | ☐ | |
| D24 | Is the treated wastewater reused for vehicle washing, dust suppression and general cleaning? | ☐ | ☒ | ☐ | |
| D25 | Is the sewage generated from toilets collected using a temporary storage system? | ☐ | ☒ | ☐ | |
| D26 | Is there any sediment plume observed in nearby watercourses? | ☐ | ☐ | ☒ | |
| D27 | Are slit-grease traps deployed to prevent a direct input of road surface runoff to the marine waters? | ☒ | ☐ | ☐ | N.A. |

| E | Waste / Chemical Management | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| **General Waste** | | | | | |
| E1 | Is the general waste generated on-site stored in enclosed bins or compaction units separately from the construction and chemical wastes? | ☐ | ☒ | ☐ | |
| E2 | Is the general waste collected properly by using the waste separation facilities for paper, aluminium cans, plastic bottles etc.? | ☐ | ☒ | ☐ | |
| E3 | Does accumulation of waste avoid? | ☐ | ☐ | ☒ | Refer to Observation 2 |
| E4 | Is waste disposed regularly? | ☐ | ☒ | ☐ | |
| **Construction Waste** | | | | | |
| E5 | Are the temporary stockpiles maintained regularly? | ☐ | ☒ | ☐ | |
| E6 | Is the excavated fill material reused for backfilling and reinstatement? | ☐ | ☒ | ☐ | |
| E7 | Are the C&D materials sorted and recycled on-site? | ☐ | ☒ | ☐ | |
| E8 | Is there any contract documents provided to allow and promote the use of recycled aggregates where appropriate? | ☒ | ☐ | ☐ | Not Observed. |
| E9 | Is the disposal of C&D materials avoided onto any sensitive locations e.g. agricultural lands etc.? | ☒ | ☐ | ☐ | N.A. |
| E10 | Are the public fill and C&D waste segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal? | ☐ | ☒ | ☐ | |
| E11 | Is the durable formwork or plastic facing for construction works used? | ☒ | ☐ | ☐ | N.A. |
| E12 | Do the wooden hoardings avoid to be used? | ☐ | ☒ | ☐ | |
| E13 | Is metal hoarding used to enhance the possibility of recycling? | ☐ | ☒ | ☐ | |

| | | | | | |
|---|---|---|---|---|---|
| E14 | Is the segregation and storage of C&D wastes undertaken in designated area? | ☐ | ☐ | ☒ | Refer to Observation 2 |
| E15 | Are waste storage area properly cleaned and do not cause windblown litter and dust nuisance? | ☐ | ☒ | ☐ | |
| E16 | Do the excavated materials appear contaminated? | ☐ | ☒ | ☐ | |
| E17 | If suspected contaminated, appropriate procedures followed? | ☒ | ☐ | ☐ | N.A. |
| **Chemical / Fuel Storage Area** | | | | | |
| E18 | Are the fuel tanks and chemical storage areas provided with locks and sited on sealed areas? | ☐ | ☒ | ☐ | |
| E19 | Are the storage area enclosed 3 sides by walls/ fence of ≥2m tall and bounded with adequate bund capacity (>110% of largest container) or do the storage area allow storage of 20% of total volume of waste? | ☐ | ☒ | ☐ | |
| E20 | Are the storage areas labelled and separated (if needed)? | ☐ | ☒ | ☐ | |
| E21 | Do the storage areas have adequate ventilation and be covered to prevent rainfall entering? | ☐ | ☒ | ☐ | |
| E22 | Are the containers used for the storage of chemical wastes suitable for the substance that are holding, resist to corrosion, maintained in a good condition, and securely closed? | ☐ | ☒ | ☐ | |
| E23 | If no specification has been approved by EPD, are container with <450L capacity provided for storage of chemicals waste? | ☐ | ☒ | ☐ | |
| **Chemical Waste / Waste Oil** | | | | | |
| E24 | Is chemical waste or waste oil stored and labelled in English and Chinese properly in designated area? | ☐ | ☒ | ☐ | |
| E25 | Are chemicals and waste oil recycled or disposed properly? | ☐ | ☒ | ☐ | |
| E26 | Is waste oil collected and stored for recycling or disposal? | ☐ | ☒ | ☐ | |
| **Records** | | | | | |
| E27 | Is a licensed waste haulier used for waste collection? | ☐ | ☒ | ☐ | |
| E28 | Are the records of quantities of wastes generated, recycled, and disposed properly kept? | ☐ | ☒ | ☐ | |
| E29 | For the demolition material/ waste, is the number of loads for each day recorded as appropriate? | ☒ | ☐ | ☐ | N.A. |

| F | Landscape and Visual Impacts | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| F1 | Is the work site confined within site boundaries? | ☐ | ☒ | ☐ | |
| F2 | Is damage to surrounding areas avoided? | ☐ | ☒ | ☐ | |
| F3 | Is the hoardings with aesthetic treatment provided and designed to be subtle and camouflaged? | ☐ | ☒ | ☐ | |
| F4 | Is the temporary landscape treatment provided (such as the provision of temporary landscape planting around the Site office in ornamental pots and application of green roof for Site office)? | ☐ | ☒ | ☐ | |
| F5 | Are the protective fencing erected along or beyond the perimeter of the tree protection zone of each individual tree? | ☒ | ☐ | ☐ | To be implemented before demolition of hoarding |

| G | Environmental Complaint | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| G1 | Number of Environmental Complaint received between inspection weeks. | ☐ | ☐ | ☒ | |

| H | General Housekeeping | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| H1 | Are potential stagnant pools cleared and mosquito breeding prevented? | ☐ | ☒ | ☐ | |
| H2 | Are the defined boundaries of working areas identified to prevent loss of vegetation | ☐ | ☒ | ☐ | |

| I | Others | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| I1 | Are the portable toilets maintained in a state, which will not deter the workers from utilizing these portable toilets? | ☐ | ☒ | ☐ | |

**Follow up action for previous Site Inspection:**

8 May 2025 Observation

1. Stockpiling of dusty material on G/F was removed and backfilled. (Photo R1)
2. The accumulated wastes were cleaned. (Photo R2 - R4)

Photo R1

Photo R2


Photo R3

Photo R4

15 May 2025 Observation

1. Dry PFA materials on L6 was covered and removed. (Photo R5 & R6)
2. The accumulated wastewater on G/F was cleaned. (Photo R7)

Photo R5

Photo R6

Photo R7

22 May 2025 Observation

1. The waste and accumulated wastewater in the drainage channel on L8 were cleaned. (Photo R8)
2. General wastes on L4 were cleaned. (Photo R9 & R10)

Photo R8

Photo R9

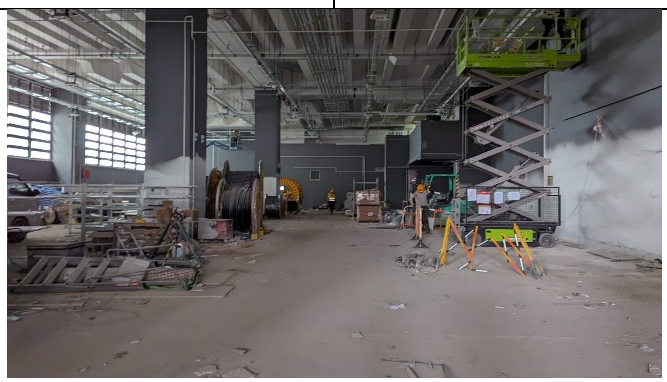


Photo R10

29 May 2025 Observation

1. Dry PFA materials were covered. (Photo R11)
2. Wastes in drainage channel on L4 were cleaned. (Photo R12)
3. Chemical containers were covered by impervious sheet. (Photo R13)

Photo R11

Photo R12

Photo R13

**Observation(s):**

1. The accumulated stormwater is observed on G/F. (Photo 1)
2. The accumulated waste without segregation is observed on G/F. (Photo 2)

Photo 1

Photo 2

**Corrective Actions – Mitigation Measures Implemented or Proposed (if any):**

1. The Contractor has been recommended to provide water pump and direct the accumulated stormwater to slit removed facility.
2. The Contractor has been recommended to segregate general waste and C&D waste in designated area and the frequency of waste disposal to avoid waste accumulation.

| | Environmental Team Representative: | IEC's Representative: | Contractor's Representative: | Engineer's Representative |
|---|---|---|---|---|
| Signature: |  |  |  |  |
| Name: | Winnie Ho | Echo Hung | Desmod Ho | C K Sin |
| Date: | 06 June 2025 | 6 June 2025 | 6 June 2025 | 6 June 2025 |

| | | | |
|---|---|---|---|
| Inspection Date: | 12 June 2025 | Inspected By: | Jason Man |
| Time: | 15:00 – 15:45 | Weather Condition: | Cloudy |
| Participants: | Mr. C.K.Sin (Engineer's Representative); Eric Leung (Contractor); Jason Man (ET) | | |

| A | Permits/Licenses | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| A1 | Are Environmental Permit, license/ other permit displayed at major site exit and vehicle access? | ☐ | ☒ | ☐ | EP No.: EP-505/2015/A |
| A2 | Are Construction Noise Permits available for inspection/posted at site entrance. | ☐ | ☒ | ☐ | |
| A3 | Is wastewater discharge licence available for inspection? | ☐ | ☒ | ☐ | |
| A4 | Are trip tickets for chemical waste and construction waste disposal available for inspection? | ☐ | ☒ | ☐ | |
| A5 | Are relevant licence/permit for disposal of construction waste or excavated materials available for inspection? | ☐ | ☒ | ☐ | |

| B | Air Quality | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| B1 | Is open burning avoided? | ☐ | ☒ | ☐ | |
| B2 | Are completed earthworks sealed as soon as practicable? | ☐ | ☒ | ☐ | |
| B3 | Are plant and equipment well maintained (i. e. without black smoke from powered plant)? | ☐ | ☒ | ☐ | |
| B4 | Are NRMM labels properly affixed on the PMEs? | ☐ | ☒ | ☐ | |
| B5 | Any remedial action undertaken? | ☒ | ☐ | ☐ | N.A. |
| B6 | Observed dust source(s) | | | | |
| | | ☒ Wind erosion | | | |
| | | ☒ Vehicle/ Equipment Movements | | | |
| | | ☐ Loading/ unloading of materials | | | |
| | | ☐ Others: _____ | | | |
| B7 | Are unpaved areas/ designated roads watered regularly to avoid dust generation? | ☐ | ☐ | ☒ | Refer to Observation 3 |
| B8 | Are dusty materials covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading? | ☐ | ☒ | ☐ | |
| B9 | After removal of stockpile, are the remained dusty materials wetted with water and cleared from surface of roads? | ☐ | ☒ | ☐ | |
| B10 | Is the stockpile of dusty materials avoid to be extend beyond the pedestrian barriers, fencing or traffic cones? | ☐ | ☒ | ☐ | |
| B11 | Are loaded dump trucks covered by impervious sheeting appropriately before leaving the site? | ☒ | ☐ | ☐ | N.A. |

| | | | | | |
|---|---|---|---|---|---|
| B12 | Are wheel washing facilities with high pressure water jet provided at all site exits if practicable? | ☐ | ☒ | ☐ | |
| B13 | Are all vehicles and plant cleaned before they leave the construction site? | ☐ | ☒ | ☐ | |
| B14 | Are hoarding ≥ 2.4m tall provided beside roads or area with public access? | ☐ | ☒ | ☐ | |
| B15 | Is the portion of any road leading only to construction site (within 30m of a vehicle entrance or exit) kept clear of dusty materials? | ☐ | ☒ | ☐ | |
| B16 | Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations takes place sprayed with water or a dust suppression chemical continuously? | ☐ | ☒ | ☐ | |
| B17 | Is the area involved demolition activities sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet? | ☒ | ☐ | ☐ | N.A. |
| B18 | Is scaffolding erected around the perimeter of a building under construction? | ☐ | ☒ | ☐ | |
| B19 | Are effective dust screens, sheeting or netting provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding? | ☐ | ☒ | ☐ | |
| B20 | Is the skip hoist for materials transport enclosed by impervious sheeting? | ☒ | ☐ | ☐ | N.A. |
| B21 | Is every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and 3 sides? | ☐ | ☒ | ☐ | |
| B22 | Are the areas of washing facilities and the road section between the washing facilities and the exit point paved with concrete, bituminous materials or hardcores? | ☐ | ☒ | ☐ | |
| B23 | Are cement or dry PFA delivered in bulk stored in a closed silo fitted with an audible high-level alarm which is interlocked with the material filling line and no overfilling is allowed? | ☐ | ☒ | ☐ | |
| B24 | Are the activities of loading, unloading, transfer, handing or storage of bulk cement or dry PFA carried out in a totally enclosed system or facility? | ☐ | ☒ | ☐ | |
| B25 | Is any vent or exhaust fitted with an effective fabric filter or equipment air pollution control system? | ☒ | ☐ | ☐ | N.A. |
| B26 | Is the exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after last construction activity on the construction site or part of the construction site where the exposed earth lies? | ☐ | ☒ | ☐ | |
| B27 | Are the worksites wetted with water regularly? | ☐ | ☒ | ☐ | |
| B28 | Is generation of dust avoided during loading or unloading? | ☐ | ☒ | ☐ | |
| B29 | Are all trucks loaded to a level within the side and tail boards? | ☐ | ☒ | ☐ | |

| | | | | | |
|---|---|---|---|---|---|
| B30 | Are appropriate speed limit sign displayed? | ☐ | ☒ | ☐ | |
| B31 | Are designated roads paved? | ☐ | ☒ | ☐ | |
| B32 | Are site vehicle movements confined to designated roads? | ☐ | ☒ | ☐ | |

| C | Noise | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| C1 | Is well-maintained plant operated on-site and plant served regularly? | ☐ | ☒ | ☐ | |
| C2 | Are vehicles and equipment switched off or throttled down while not in use? | ☐ | ☒ | ☐ | |
| C3 | Is the noise directed away from nearby NSRs? | ☐ | ☒ | ☐ | |
| C4 | Are the silencers or mufflers properly fitted on construction equipment and maintained regularly? | ☐ | ☒ | ☐ | |
| C5 | Are mobile and/or noisy plant sited as far away from NSRs as possible and practicable and orientated so that the noise is directed away from nearby NSRs? | ☐ | ☒ | ☐ | |
| C6 | Are material stockpiles, mobile container officer and other structures utilised to screen noisy activates? | ☒ | ☐ | ☐ | N.A. |
| C7 | Is temporary hoarding installed located on the site boundaries between noisy construction activities and NSRs? | ☐ | ☒ | ☐ | |
| C8 | Are noise barriers (typically density @14kg/$m^2$) acoustic mat or full enclosure close to noise plants including air compressor, generators and saw etc. provided to protect NSRs? | ☐ | ☒ | ☐ | |
| C9 | Is the sequencing operation of construction plants where practicable? | ☐ | ☒ | ☐ | |
| C10 | Is the hoarding maintained properly? | ☐ | ☒ | ☐ | |
| C11 | Do air compressors have valid noise labels? | ☐ | ☒ | ☐ | |
| C12 | Are compressor operated with doors closed? | ☐ | ☒ | ☐ | |
| C13 | QPME used with valid noise labels? | ☐ | ☒ | ☐ | |
| C14 | Major noise source(s) | | | | |
| | | ☐ Traffic | | | |
| | | ☒ Construction activities inside of site | | | |
| | | ☐ Construction activities outside of site | | | |
| | | ☐ Others:_____ | | | |

| D | Water Quality | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| **Construction Activities** | | | | | |
| D1 | Are catchpits and perimeter channels constructed in advance of site formation works and earthworks? | ☐ | ☒ | ☐ | |
| D2 | Is wastewater from temporary site facilities controlled to prevent direct discharge to surface or marine water? | ☐ | ☒ | ☐ | |
| D3 | Is minimise surface excavation works during rainy seasons (April to September), as possible? | ☐ | ☒ | ☐ | |
| D4 | Is the storm drainage directed to storm drains via adequately designed sand/ silt removal facilities e.g. sand traps, silt? | ☐ | ☒ | ☐ | |
| D5 | Are channels, earth bunds or sandbag barriers provided on site to properly direct stormwater to such silt removal facilities? | ☐ | ☒ | ☐ | |
| D6 | Are the silt removal facilities, channels and manholes maintained regularly? | ☐ | ☐ | ☒ | Refer to Observation 1 |
| D7 | Are the temporary access roads surfaced with crushed stone or gravel? | ☐ | ☒ | ☐ | |
| D8 | Is the deposited silt and grit removed regularly? | ☐ | ☒ | ☐ | |
| D9 | Is rainwater pumped out from trenches discharged into storm drains via silt system? | ☐ | ☒ | ☐ | |
| D10 | Are measures taken to prevent the washout of construction materials, soil, silt or debris into any drainage system? | ☐ | ☒ | ☐ | |
| D11 | Are open stockpiles of construction materials e.g. aggregates and sand on site covered with tarpaulin or similar fabric during rainstorms? | ☐ | ☒ | ☐ | |
| D12 | Are manholes adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage? | ☐ | ☒ | ☐ | |
| D13 | Are the discharges of surface run-off into foul sewer always prevented? | ☐ | ☒ | ☐ | |
| D14 | Is a wheel washing bay provided at every site exit? | ☐ | ☒ | ☐ | |
| D15 | Is the wheel wash overflow directed to silt removal facilities before being discharged to the storm drain? | ☐ | ☒ | ☐ | |
| D16 | Is the section of construction road between the wheel washing bay and the public road surfaced with crushed stone or coarse gravel? | ☐ | ☒ | ☐ | |
| D17 | Is wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities screened to remove large objects? | ☐ | ☒ | ☐ | |
| D18 | Are the vehicle and plant serving areas, vehicle wash bays and lubrication facilities located under roofed areas? | ☐ | ☒ | ☐ | |
| D19 | Is leakage or spillages contained and cleaned up immediately? | ☐ | ☒ | ☐ | |
| D20 | Does the surface runoff from bunded areas pass through oil/grease traps prior to discharge to the storm water system? | ☒ | ☐ | ☐ | N.A. |

| | | | | | |
|---|---|---|---|---|---|
| D21 | Are site drainage systems provided over the entire project site with sediment control facilities? | ☐ | ☒ | ☐ | |
| D22 | Are sedimentation tanks or package treatment systems provided to treat the large amount of sediment-laden wastewater generated from wheel washing, site runoff and construction works? | ☐ | ☒ | ☐ | |
| D23 | Is the generated wastewater with high concentrations of SS collected to the sedimentation tanks or package treatment systems for proper treatment prior to disposal? | ☐ | ☒ | ☐ | |
| D24 | Is the treated wastewater reused for vehicle washing, dust suppression and general cleaning? | ☐ | ☒ | ☐ | |
| D25 | Is the sewage generated from toilets collected using a temporary storage system? | ☐ | ☒ | ☐ | |
| D26 | Is there any sediment plume observed in nearby watercourses? | ☐ | ☐ | ☒ | |
| D27 | Are slit-grease traps deployed to prevent a direct input of road surface runoff to the marine waters? | ☒ | ☐ | ☐ | N.A. |

| **E** | **Waste / Chemical Management** | **N/A or Not Observed** | **Yes** | **No** | **Remarks / Photo** |
|---|---|---|---|---|---|
| **General Waste** | | | | | |
| E1 | Is the general waste generated on-site stored in enclosed bins or compaction units separately from the construction and chemical wastes? | ☐ | ☒ | ☐ | |
| E2 | Is the general waste collected properly by using the waste separation facilities for paper, aluminium cans, plastic bottles etc.? | ☐ | ☒ | ☐ | |
| E3 | Does accumulation of waste avoid? | ☐ | ☒ | ☐ | |
| E4 | Is waste disposed regularly? | ☐ | ☒ | ☐ | |
| **Construction Waste** | | | | | |
| E5 | Are the temporary stockpiles maintained regularly? | ☐ | ☒ | ☐ | |
| E6 | Is the excavated fill material reused for backfilling and reinstatement? | ☐ | ☒ | ☐ | |
| E7 | Are the C&D materials sorted and recycled on-site? | ☐ | ☒ | ☐ | |
| E8 | Is there any contract documents provided to allow and promote the use of recycled aggregates where appropriate? | ☒ | ☐ | ☐ | Not Observed. |
| E9 | Is the disposal of C&D materials avoided onto any sensitive locations e.g. agricultural lands etc.? | ☒ | ☐ | ☐ | N.A. |
| E10 | Are the public fill and C&D waste segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal? | ☐ | ☒ | ☐ | |
| E11 | Is the durable formwork or plastic facing for construction works used? | ☒ | ☐ | ☐ | N.A. |
| E12 | Do the wooden hoardings avoid to be used? | ☐ | ☒ | ☐ | |
| E13 | Is metal hoarding used to enhance the possibility of recycling? | ☐ | ☒ | ☐ | |

| | | | | | |
|---|---|---|---|---|---|
| E14 | Is the segregation and storage of C&D wastes undertaken in designated area? | ☐ | ☐ | ☒ | Refer to Observation 2 |
| E15 | Are waste storage area properly cleaned and do not cause windblown litter and dust nuisance? | ☐ | ☒ | ☐ | |
| E16 | Do the excavated materials appear contaminated? | ☐ | ☒ | ☐ | |
| E17 | If suspected contaminated, appropriate procedures followed? | ☒ | ☐ | ☐ | N.A. |
| **Chemical / Fuel Storage Area** | | | | | |
| E18 | Are the fuel tanks and chemical storage areas provided with locks and sited on sealed areas? | ☐ | ☒ | ☐ | |
| E19 | Are the storage area enclosed 3 sides by walls/ fence of ≥2m tall and bounded with adequate bund capacity (>110% of largest container) or do the storage area allow storage of 20% of total volume of waste? | ☐ | ☒ | ☐ | |
| E20 | Are the storage areas labelled and separated (if needed)? | ☐ | ☒ | ☐ | |
| E21 | Do the storage areas have adequate ventilation and be covered to prevent rainfall entering? | ☐ | ☒ | ☐ | |
| E22 | Are the containers used for the storage of chemical wastes suitable for the substance that are holding, resist to corrosion, maintained in a good condition, and securely closed? | ☐ | ☒ | ☐ | |
| E23 | If no specification has been approved by EPD, are container with <450L capacity provided for storage of chemicals waste? | ☐ | ☒ | ☐ | |
| **Chemical Waste / Waste Oil** | | | | | |
| E24 | Is chemical waste or waste oil stored and labelled in English and Chinese properly in designated area? | ☐ | ☒ | ☐ | |
| E25 | Are chemicals and waste oil recycled or disposed properly? | ☐ | ☒ | ☐ | |
| E26 | Is waste oil collected and stored for recycling or disposal? | ☐ | ☒ | ☐ | |
| **Records** | | | | | |
| E27 | Is a licensed waste haulier used for waste collection? | ☐ | ☒ | ☐ | |
| E28 | Are the records of quantities of wastes generated, recycled, and disposed properly kept? | ☐ | ☒ | ☐ | |
| E29 | For the demolition material/ waste, is the number of loads for each day recorded as appropriate? | ☒ | ☐ | ☐ | N.A. |

| F | Landscape and Visual Impacts | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| F1 | Is the work site confined within site boundaries? | ☐ | ☒ | ☐ | |
| F2 | Is damage to surrounding areas avoided? | ☐ | ☒ | ☐ | |
| F3 | Is the hoardings with aesthetic treatment provided and designed to be subtle and camouflaged? | ☐ | ☒ | ☐ | |
| F4 | Is the temporary landscape treatment provided (such as the provision of temporary landscape planting around the Site office in ornamental pots and application of green roof for Site office)? | ☐ | ☒ | ☐ | |
| F5 | Are the protective fencing erected along or beyond the perimeter of the tree protection zone of each individual tree? | ☒ | ☐ | ☐ | To be implemented before demolition of hoarding |

| G | Environmental Complaint | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| G1 | Number of Environmental Complaint received between inspection weeks. | ☐ | ☐ | ☒ | |

| H | General Housekeeping | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| H1 | Are potential stagnant pools cleared and mosquito breeding prevented? | ☐ | ☒ | ☐ | |
| H2 | Are the defined boundaries of working areas identified to prevent loss of vegetation | ☐ | ☒ | ☐ | |

| I | Others | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| I1 | Are the portable toilets maintained in a state, which will not deter the workers from utilizing these portable toilets? | ☐ | ☒ | ☐ | |

**Follow up action for previous Site Inspection:**

6 June 2025 Observation

1. The accumulated stormwater on G/F was removed by the Contractor. (Photo R1)
2. The accumulated waste on G/F was removed by the Contractor. (Photo R2)

Photo R1

Photo R2

**Observation(s):**

1. The standing was found because of damage of water hose on G/F. (Photo 1)
2. The accumulated waste was observed on the floor at L1. (Photo 2)
3. The access road was dry and dust dispersion was found at the access road. (Photo 3)

Photo 1

Photo 2

Photo 3

**Corrective Actions – Mitigation Measures Implemented or Proposed (if any):**

1. The Contractor was advised to fix the damage of water hose and direct the standing water to silt removal facility for treatment.
2. The Contractor was recommended that the construction waste should be collected into the waste skip.
3. The Contractor was advised to clean the access road regularly to avoid dust dispersion.

| | Environmental Team Representative: | IEC's Representative: | Contractor's Representative: | Engineer's Representative |
|---|---|---|---|---|
| Signature: |  | / |  |  |
| Name: | Jason Man | / | Desmod Ho | C K Sin |
| Date: | 12 June 2025 | / | 12 June 2025 | 12 June 2025 |

| | | | |
|---|---|---|---|
| Inspection Date: | 19 June 2025 | Inspected By: | Winnie Ho |
| Time: | 15:00 – 15:45 | Weather Condition: | Sunny |
| Participants: | Mr. C.K.Sin (Engineer's Representative); Eric Leung (Contractor); Winnie Ho (ET) | | |

| A | Permits/Licenses | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| A1 | Are Environmental Permit, license/ other permit displayed at major site exit and vehicle access? | ☐ | ☒ | ☐ | EP No.: EP-505/2015/A |
| A2 | Are Construction Noise Permits available for inspection/posted at site entrance. | ☐ | ☒ | ☐ | |
| A3 | Is wastewater discharge licence available for inspection? | ☐ | ☒ | ☐ | |
| A4 | Are trip tickets for chemical waste and construction waste disposal available for inspection? | ☐ | ☒ | ☐ | |
| A5 | Are relevant licence/permit for disposal of construction waste or excavated materials available for inspection? | ☐ | ☒ | ☐ | |

| B | Air Quality | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| B1 | Is open burning avoided? | ☐ | ☒ | ☐ | |
| B2 | Are completed earthworks sealed as soon as practicable? | ☐ | ☒ | ☐ | |
| B3 | Are plant and equipment well maintained (i. e. without black smoke from powered plant)? | ☐ | ☒ | ☐ | |
| B4 | Are NRMM labels properly affixed on the PMEs? | ☐ | ☒ | ☐ | |
| B5 | Any remedial action undertaken? | ☒ | ☐ | ☐ | N.A. |
| B6 | Observed dust source(s) | | | | |
| | | ☒ Wind erosion | | | |
| | | ☒ Vehicle/ Equipment Movements | | | |
| | | ☐ Loading/ unloading of materials | | | |
| | | ☐ Others: _____ | | | |
| B7 | Are unpaved areas/ designated roads watered regularly to avoid dust generation? | ☐ | ☒ | ☐ | |
| B8 | Are dusty materials covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading? | ☐ | ☒ | ☐ | |
| B9 | After removal of stockpile, are the remained dusty materials wetted with water and cleared from surface of roads? | ☐ | ☒ | ☐ | |
| B10 | Is the stockpile of dusty materials avoid to be extend beyond the pedestrian barriers, fencing or traffic cones? | ☐ | ☒ | ☐ | |
| B11 | Are loaded dump trucks covered by impervious sheeting appropriately before leaving the site? | ☒ | ☐ | ☐ | N.A. |

| | | | | | |
|---|---|---|---|---|---|
| B12 | Are wheel washing facilities with high pressure water jet provided at all site exits if practicable? | ☐ | ☒ | ☐ | |
| B13 | Are all vehicles and plant cleaned before they leave the construction site? | ☐ | ☒ | ☐ | |
| B14 | Are hoarding ≥ 2.4m tall provided beside roads or area with public access? | ☐ | ☒ | ☐ | |
| B15 | Is the portion of any road leading only to construction site (within 30m of a vehicle entrance or exit) kept clear of dusty materials? | ☐ | ☒ | ☐ | |
| B16 | Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations takes place sprayed with water or a dust suppression chemical continuously? | ☐ | ☒ | ☐ | |
| B17 | Is the area involved demolition activities sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet? | ☒ | ☐ | ☐ | N.A. |
| B18 | Is scaffolding erected around the perimeter of a building under construction? | ☐ | ☒ | ☐ | |
| B19 | Are effective dust screens, sheeting or netting provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding? | ☐ | ☒ | ☐ | |
| B20 | Is the skip hoist for materials transport enclosed by impervious sheeting? | ☒ | ☐ | ☐ | N.A. |
| B21 | Is every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and 3 sides? | ☐ | ☒ | ☐ | |
| B22 | Are the areas of washing facilities and the road section between the washing facilities and the exit point paved with concrete, bituminous materials or hardcores? | ☐ | ☒ | ☐ | |
| B23 | Are cement or dry PFA delivered in bulk stored in a closed silo fitted with an audible high-level alarm which is interlocked with the material filling line and no overfilling is allowed? | ☐ | ☒ | ☐ | |
| B24 | Are the activities of loading, unloading, transfer, handing or storage of bulk cement or dry PFA carried out in a totally enclosed system or facility? | ☐ | ☒ | ☐ | |
| B25 | Is any vent or exhaust fitted with an effective fabric filter or equipment air pollution control system? | ☒ | ☐ | ☐ | N.A. |
| B26 | Is the exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after last construction activity on the construction site or part of the construction site where the exposed earth lies? | ☐ | ☒ | ☐ | |
| B27 | Are the worksites wetted with water regularly? | ☐ | ☒ | ☐ | |
| B28 | Is generation of dust avoided during loading or unloading? | ☐ | ☒ | ☐ | |
| B29 | Are all trucks loaded to a level within the side and tail boards? | ☐ | ☒ | ☐ | |

| | | | | | |
|---|---|---|---|---|---|
| B30 | Are appropriate speed limit sign displayed? | ☐ | ☒ | ☐ | |
| B31 | Are designated roads paved? | ☐ | ☒ | ☐ | |
| B32 | Are site vehicle movements confined to designated roads? | ☐ | ☒ | ☐ | |

| C | Noise | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| C1 | Is well-maintained plant operated on-site and plant served regularly? | ☐ | ☒ | ☐ | |
| C2 | Are vehicles and equipment switched off or throttled down while not in use? | ☐ | ☒ | ☐ | |
| C3 | Is the noise directed away from nearby NSRs? | ☐ | ☒ | ☐ | |
| C4 | Are the silencers or mufflers properly fitted on construction equipment and maintained regularly? | ☐ | ☒ | ☐ | |
| C5 | Are mobile and/or noisy plant sited as far away from NSRs as possible and practicable and orientated so that the noise is directed away from nearby NSRs? | ☐ | ☒ | ☐ | |
| C6 | Are material stockpiles, mobile container officer and other structures utilised to screen noisy activates? | ☒ | ☐ | ☐ | N.A. |
| C7 | Is temporary hoarding installed located on the site boundaries between noisy construction activities and NSRs? | ☐ | ☒ | ☐ | |
| C8 | Are noise barriers (typically density @14kg/$m^2$) acoustic mat or full enclosure close to noise plants including air compressor, generators and saw etc. provided to protect NSRs? | ☐ | ☒ | ☐ | |
| C9 | Is the sequencing operation of construction plants where practicable? | ☐ | ☒ | ☐ | |
| C10 | Is the hoarding maintained properly? | ☐ | ☒ | ☐ | |
| C11 | Do air compressors have valid noise labels? | ☐ | ☒ | ☐ | |
| C12 | Are compressor operated with doors closed? | ☐ | ☒ | ☐ | |
| C13 | QPME used with valid noise labels? | ☐ | ☒ | ☐ | |
| C14 | Major noise source(s) | | | | |
| | | ☐ Traffic | | | |
| | | ☒ Construction activities inside of site | | | |
| | | ☐ Construction activities outside of site | | | |
| | | ☐ Others:_____ | | | |

| D | Water Quality | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| **Construction Activities** | | | | | |
| D1 | Are catchpits and perimeter channels constructed in advance of site formation works and earthworks? | ☐ | ☒ | ☐ | |
| D2 | Is wastewater from temporary site facilities controlled to prevent direct discharge to surface or marine water? | ☐ | ☒ | ☐ | |
| D3 | Is minimise surface excavation works during rainy seasons (April to September), as possible? | ☐ | ☒ | ☐ | |
| D4 | Is the storm drainage directed to storm drains via adequately designed sand/ silt removal facilities e.g. sand traps, silt? | ☐ | ☒ | ☐ | |
| D5 | Are channels, earth bunds or sandbag barriers provided on site to properly direct stormwater to such silt removal facilities? | ☐ | ☒ | ☐ | |
| D6 | Are the silt removal facilities, channels and manholes maintained regularly? | ☐ | ☐ | ☒ | Refer to Observation 1 |
| D7 | Are the temporary access roads surfaced with crushed stone or gravel? | ☐ | ☒ | ☐ | |
| D8 | Is the deposited silt and grit removed regularly? | ☐ | ☒ | ☐ | |
| D9 | Is rainwater pumped out from trenches discharged into storm drains via silt system? | ☐ | ☒ | ☐ | |
| D10 | Are measures taken to prevent the washout of construction materials, soil, silt or debris into any drainage system? | ☐ | ☒ | ☐ | |
| D11 | Are open stockpiles of construction materials e.g. aggregates and sand on site covered with tarpaulin or similar fabric during rainstorms? | ☐ | ☒ | ☐ | |
| D12 | Are manholes adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage? | ☐ | ☒ | ☐ | |
| D13 | Are the discharges of surface run-off into foul sewer always prevented? | ☐ | ☒ | ☐ | |
| D14 | Is a wheel washing bay provided at every site exit? | ☐ | ☒ | ☐ | |
| D15 | Is the wheel wash overflow directed to silt removal facilities before being discharged to the storm drain? | ☐ | ☒ | ☐ | |
| D16 | Is the section of construction road between the wheel washing bay and the public road surfaced with crushed stone or coarse gravel? | ☐ | ☒ | ☐ | |
| D17 | Is wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities screened to remove large objects? | ☐ | ☒ | ☐ | |
| D18 | Are the vehicle and plant serving areas, vehicle wash bays and lubrication facilities located under roofed areas? | ☐ | ☒ | ☐ | |
| D19 | Is leakage or spillages contained and cleaned up immediately? | ☐ | ☒ | ☐ | |
| D20 | Does the surface runoff from bunded areas pass through oil/grease traps prior to discharge to the storm water system? | ☒ | ☐ | ☐ | N.A. |

| | | | | | |
|---|---|---|---|---|---|
| D21 | Are site drainage systems provided over the entire project site with sediment control facilities? | ☐ | ☒ | ☐ | |
| D22 | Are sedimentation tanks or package treatment systems provided to treat the large amount of sediment-laden wastewater generated from wheel washing, site runoff and construction works? | ☐ | ☒ | ☐ | |
| D23 | Is the generated wastewater with high concentrations of SS collected to the sedimentation tanks or package treatment systems for proper treatment prior to disposal? | ☐ | ☒ | ☐ | |
| D24 | Is the treated wastewater reused for vehicle washing, dust suppression and general cleaning? | ☐ | ☒ | ☐ | |
| D25 | Is the sewage generated from toilets collected using a temporary storage system? | ☐ | ☒ | ☐ | |
| D26 | Is there any sediment plume observed in nearby watercourses? | ☐ | ☐ | ☒ | |
| D27 | Are slit-grease traps deployed to prevent a direct input of road surface runoff to the marine waters? | ☒ | ☐ | ☐ | N.A. |

| **E** | **Waste / Chemical Management** | **N/A or Not Observed** | **Yes** | **No** | **Remarks / Photo** |
|---|---|---|---|---|---|
| **General Waste** | | | | | |
| E1 | Is the general waste generated on-site stored in enclosed bins or compaction units separately from the construction and chemical wastes? | ☐ | ☒ | ☐ | |
| E2 | Is the general waste collected properly by using the waste separation facilities for paper, aluminium cans, plastic bottles etc.? | ☐ | ☒ | ☐ | |
| E3 | Does accumulation of waste avoid? | ☐ | ☒ | ☐ | |
| E4 | Is waste disposed regularly? | ☐ | ☐ | ☒ | Refer to Observation 1 |
| **Construction Waste** | | | | | |
| E5 | Are the temporary stockpiles maintained regularly? | ☐ | ☒ | ☐ | |
| E6 | Is the excavated fill material reused for backfilling and reinstatement? | ☐ | ☒ | ☐ | |
| E7 | Are the C&D materials sorted and recycled on-site? | ☐ | ☒ | ☐ | |
| E8 | Is there any contract documents provided to allow and promote the use of recycled aggregates where appropriate? | ☒ | ☐ | ☐ | Not Observed. |
| E9 | Is the disposal of C&D materials avoided onto any sensitive locations e.g. agricultural lands etc.? | ☒ | ☐ | ☐ | N.A. |
| E10 | Are the public fill and C&D waste segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal? | ☐ | ☒ | ☐ | |
| E11 | Is the durable formwork or plastic facing for construction works used? | ☒ | ☐ | ☐ | N.A. |
| E12 | Do the wooden hoardings avoid to be used? | ☐ | ☒ | ☐ | |
| E13 | Is metal hoarding used to enhance the possibility of recycling? | ☐ | ☒ | ☐ | |

| | | | | | |
|---|---|---|---|---|---|
| E14 | Is the segregation and storage of C&D wastes undertaken in designated area? | ☐ | ☒ | ☐ | |
| E15 | Are waste storage area properly cleaned and do not cause windblown litter and dust nuisance? | ☐ | ☒ | ☐ | |
| E16 | Do the excavated materials appear contaminated? | ☐ | ☒ | ☐ | |
| E17 | If suspected contaminated, appropriate procedures followed? | ☒ | ☐ | ☐ | N.A. |
| **Chemical / Fuel Storage Area** | | | | | |
| E18 | Are the fuel tanks and chemical storage areas provided with locks and sited on sealed areas? | ☐ | ☒ | ☐ | |
| E19 | Are the storage area enclosed 3 sides by walls/ fence of ≥2m tall and bounded with adequate bund capacity (>110% of largest container) or do the storage area allow storage of 20% of total volume of waste? | ☐ | ☒ | ☐ | |
| E20 | Are the storage areas labelled and separated (if needed)? | ☐ | ☒ | ☐ | |
| E21 | Do the storage areas have adequate ventilation and be covered to prevent rainfall entering? | ☐ | ☒ | ☐ | |
| E22 | Are the containers used for the storage of chemical wastes suitable for the substance that are holding, resist to corrosion, maintained in a good condition, and securely closed? | ☐ | ☒ | ☐ | |
| E23 | If no specification has been approved by EPD, are container with <450L capacity provided for storage of chemicals waste? | ☐ | ☒ | ☐ | |
| **Chemical Waste / Waste Oil** | | | | | |
| E24 | Is chemical waste or waste oil stored and labelled in English and Chinese properly in designated area? | ☐ | ☒ | ☐ | |
| E25 | Are chemicals and waste oil recycled or disposed properly? | ☐ | ☒ | ☐ | |
| E26 | Is waste oil collected and stored for recycling or disposal? | ☐ | ☒ | ☐ | |
| **Records** | | | | | |
| E27 | Is a licensed waste haulier used for waste collection? | ☐ | ☒ | ☐ | |
| E28 | Are the records of quantities of wastes generated, recycled, and disposed properly kept? | ☐ | ☒ | ☐ | |
| E29 | For the demolition material/ waste, is the number of loads for each day recorded as appropriate? | ☒ | ☐ | ☐ | N.A. |

| F | Landscape and Visual Impacts | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| F1 | Is the work site confined within site boundaries? | ☐ | ☒ | ☐ | |
| F2 | Is damage to surrounding areas avoided? | ☐ | ☒ | ☐ | |
| F3 | Is the hoardings with aesthetic treatment provided and designed to be subtle and camouflaged? | ☐ | ☒ | ☐ | |
| F4 | Is the temporary landscape treatment provided (such as the provision of temporary landscape planting around the Site office in ornamental pots and application of green roof for Site office)? | ☐ | ☒ | ☐ | |
| F5 | Are the protective fencing erected along or beyond the perimeter of the tree protection zone of each individual tree? | ☒ | ☐ | ☐ | To be implemented before demolition of hoarding |

| G | Environmental Complaint | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| G1 | Number of Environmental Complaint received between inspection weeks. | ☐ | ☐ | ☒ | |

| H | General Housekeeping | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| H1 | Are potential stagnant pools cleared and mosquito breeding prevented? | ☐ | ☒ | ☐ | |
| H2 | Are the defined boundaries of working areas identified to prevent loss of vegetation | ☐ | ☒ | ☐ | |

| I | Others | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| I1 | Are the portable toilets maintained in a state, which will not deter the workers from utilizing these portable toilets? | ☐ | ☒ | ☐ | |

**Follow up action for previous Site Inspection:**
12 June 2025 Observation
Waiting for Contractor' input.

**Observation(s):**
1. General waste is observed on the ground of L4. (Photo 1)

Photo 1

**Corrective Actions – Mitigation Measures Implemented or Proposed (if any):**
1. The Contractor was recommended to provide enough waste skip for general waste and increase the frequency of site cleaning to ensure the site is clean and tidy.

| | Environmental Team Representative: | IEC's Representative: | Contractor's Representative: | Engineer's Representative |
|---|---|---|---|---|
| Signature: |  | / |  |  |
| Name: | Winnie Ho | / | Desmod Ho | C K Sin |
| Date: | 19 June 2025 | / | 19 June 2025 | 19 June 2025 |

| | | | |
|---|---|---|---|
| Inspection Date: | 26 June 2025 | Inspected By: | Winnie Ho |
| Time: | 15:00 – 15:45 | Weather Condition: | Cloudy |
| Participants: | Mr. L.K.Chiu (CE/COW's Representative); Eric Leung (Contractor); Winnie Ho (ET) | | |

| A | Permits/Licenses | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| A1 | Are Environmental Permit, license/ other permit displayed at major site exit and vehicle access? | ☐ | ☒ | ☐ | EP No.: EP-505/2015/A |
| A2 | Are Construction Noise Permits available for inspection/posted at site entrance. | ☐ | ☒ | ☐ | |
| A3 | Is wastewater discharge licence available for inspection? | ☐ | ☒ | ☐ | |
| A4 | Are trip tickets for chemical waste and construction waste disposal available for inspection? | ☐ | ☒ | ☐ | |
| A5 | Are relevant licence/permit for disposal of construction waste or excavated materials available for inspection? | ☐ | ☒ | ☐ | |

| B | Air Quality | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| B1 | Is open burning avoided? | ☐ | ☒ | ☐ | |
| B2 | Are completed earthworks sealed as soon as practicable? | ☐ | ☒ | ☐ | |
| B3 | Are plant and equipment well maintained (i. e. without black smoke from powered plant)? | ☐ | ☒ | ☐ | |
| B4 | Are NRMM labels properly affixed on the PMEs? | ☐ | ☒ | ☐ | |
| B5 | Any remedial action undertaken? | ☒ | ☐ | ☐ | N.A. |
| B6 | Observed dust source(s) | | | | |
| | | ☒ Wind erosion | | | |
| | | ☒ Vehicle/ Equipment Movements | | | |
| | | ☐ Loading/ unloading of materials | | | |
| | | ☐ Others: _____ | | | |
| B7 | Are unpaved areas/ designated roads watered regularly to avoid dust generation? | ☐ | ☒ | ☐ | |
| B8 | Are dusty materials covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading? | ☐ | ☒ | ☐ | |
| B9 | After removal of stockpile, are the remained dusty materials wetted with water and cleared from surface of roads? | ☐ | ☒ | ☐ | |
| B10 | Is the stockpile of dusty materials avoid to be extend beyond the pedestrian barriers, fencing or traffic cones? | ☐ | ☒ | ☐ | |
| B11 | Are loaded dump trucks covered by impervious sheeting appropriately before leaving the site? | ☒ | ☐ | ☐ | N.A. |

| | | | | | |
|---|---|---|---|---|---|
| B12 | Are wheel washing facilities with high pressure water jet provided at all site exits if practicable? | ☐ | ☒ | ☐ | |
| B13 | Are all vehicles and plant cleaned before they leave the construction site? | ☐ | ☒ | ☐ | |
| B14 | Are hoarding ≥ 2.4m tall provided beside roads or area with public access? | ☐ | ☒ | ☐ | |
| B15 | Is the portion of any road leading only to construction site (within 30m of a vehicle entrance or exit) kept clear of dusty materials? | ☐ | ☒ | ☐ | |
| B16 | Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations takes place sprayed with water or a dust suppression chemical continuously? | ☐ | ☒ | ☐ | |
| B17 | Is the area involved demolition activities sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet? | ☒ | ☐ | ☐ | N.A. |
| B18 | Is scaffolding erected around the perimeter of a building under construction? | ☐ | ☒ | ☐ | |
| B19 | Are effective dust screens, sheeting or netting provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding? | ☐ | ☒ | ☐ | |
| B20 | Is the skip hoist for materials transport enclosed by impervious sheeting? | ☒ | ☐ | ☐ | N.A. |
| B21 | Is every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and 3 sides? | ☐ | ☒ | ☐ | |
| B22 | Are the areas of washing facilities and the road section between the washing facilities and the exit point paved with concrete, bituminous materials or hardcores? | ☐ | ☒ | ☐ | |
| B23 | Are cement or dry PFA delivered in bulk stored in a closed silo fitted with an audible high-level alarm which is interlocked with the material filling line and no overfilling is allowed? | ☐ | ☒ | ☐ | |
| B24 | Are the activities of loading, unloading, transfer, handing or storage of bulk cement or dry PFA carried out in a totally enclosed system or facility? | ☐ | ☒ | ☐ | |
| B25 | Is any vent or exhaust fitted with an effective fabric filter or equipment air pollution control system? | ☒ | ☐ | ☐ | N.A. |
| B26 | Is the exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after last construction activity on the construction site or part of the construction site where the exposed earth lies? | ☐ | ☒ | ☐ | |
| B27 | Are the worksites wetted with water regularly? | ☐ | ☒ | ☐ | |
| B28 | Is generation of dust avoided during loading or unloading? | ☐ | ☒ | ☐ | |
| B29 | Are all trucks loaded to a level within the side and tail boards? | ☐ | ☒ | ☐ | |

| | | | | | |
|---|---|---|---|---|---|
| B30 | Are appropriate speed limit sign displayed? | ☐ | ☒ | ☐ | |
| B31 | Are designated roads paved? | ☐ | ☒ | ☐ | |
| B32 | Are site vehicle movements confined to designated roads? | ☐ | ☒ | ☐ | |

| C | Noise | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| C1 | Is well-maintained plant operated on-site and plant served regularly? | ☐ | ☒ | ☐ | |
| C2 | Are vehicles and equipment switched off or throttled down while not in use? | ☐ | ☒ | ☐ | |
| C3 | Is the noise directed away from nearby NSRs? | ☐ | ☒ | ☐ | |
| C4 | Are the silencers or mufflers properly fitted on construction equipment and maintained regularly? | ☐ | ☒ | ☐ | |
| C5 | Are mobile and/or noisy plant sited as far away from NSRs as possible and practicable and orientated so that the noise is directed away from nearby NSRs? | ☐ | ☒ | ☐ | |
| C6 | Are material stockpiles, mobile container officer and other structures utilised to screen noisy activates? | ☒ | ☐ | ☐ | N.A. |
| C7 | Is temporary hoarding installed located on the site boundaries between noisy construction activities and NSRs? | ☐ | ☒ | ☐ | |
| C8 | Are noise barriers (typically density @14kg/$m^2$) acoustic mat or full enclosure close to noise plants including air compressor, generators and saw etc. provided to protect NSRs? | ☐ | ☒ | ☐ | |
| C9 | Is the sequencing operation of construction plants where practicable? | ☐ | ☒ | ☐ | |
| C10 | Is the hoarding maintained properly? | ☐ | ☒ | ☐ | |
| C11 | Do air compressors have valid noise labels? | ☐ | ☒ | ☐ | |
| C12 | Are compressor operated with doors closed? | ☐ | ☒ | ☐ | |
| C13 | QPME used with valid noise labels? | ☐ | ☒ | ☐ | |
| C14 | Major noise source(s) | | | | |
| | | ☐ Traffic | | | |
| | | ☒ Construction activities inside of site | | | |
| | | ☐ Construction activities outside of site | | | |
| | | ☐ Others:_____ | | | |

| D | Water Quality | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| **Construction Activities** | | | | | |
| D1 | Are catchpits and perimeter channels constructed in advance of site formation works and earthworks? | ☐ | ☒ | ☐ | |
| D2 | Is wastewater from temporary site facilities controlled to prevent direct discharge to surface or marine water? | ☐ | ☒ | ☐ | |
| D3 | Is minimise surface excavation works during rainy seasons (April to September), as possible? | ☐ | ☒ | ☐ | |
| D4 | Is the storm drainage directed to storm drains via adequately designed sand/ silt removal facilities e.g. sand traps, silt? | ☐ | ☒ | ☐ | |
| D5 | Are channels, earth bunds or sandbag barriers provided on site to properly direct stormwater to such silt removal facilities? | ☐ | ☒ | ☐ | |
| D6 | Are the silt removal facilities, channels and manholes maintained regularly? | ☐ | ☒ | ☐ | |
| D7 | Are the temporary access roads surfaced with crushed stone or gravel? | ☐ | ☒ | ☐ | |
| D8 | Is the deposited silt and grit removed regularly? | ☐ | ☐ | ☒ | Refer to Observation 1 |
| D9 | Is rainwater pumped out from trenches discharged into storm drains via silt system? | ☐ | ☒ | ☐ | |
| D10 | Are measures taken to prevent the washout of construction materials, soil, silt or debris into any drainage system? | ☐ | ☒ | ☐ | |
| D11 | Are open stockpiles of construction materials e.g. aggregates and sand on site covered with tarpaulin or similar fabric during rainstorms? | ☐ | ☒ | ☐ | |
| D12 | Are manholes adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage? | ☐ | ☒ | ☐ | |
| D13 | Are the discharges of surface run-off into foul sewer always prevented? | ☐ | ☒ | ☐ | |
| D14 | Is a wheel washing bay provided at every site exit? | ☐ | ☒ | ☐ | |
| D15 | Is the wheel wash overflow directed to silt removal facilities before being discharged to the storm drain? | ☐ | ☒ | ☐ | |
| D16 | Is the section of construction road between the wheel washing bay and the public road surfaced with crushed stone or coarse gravel? | ☐ | ☒ | ☐ | |
| D17 | Is wastewater generated from concreting, plastering, internal decoration, cleaning work and other similar activities screened to remove large objects? | ☐ | ☒ | ☐ | |
| D18 | Are the vehicle and plant serving areas, vehicle wash bays and lubrication facilities located under roofed areas? | ☐ | ☒ | ☐ | |
| D19 | Is leakage or spillages contained and cleaned up immediately? | ☐ | ☒ | ☐ | |
| D20 | Does the surface runoff from bunded areas pass through oil/grease traps prior to discharge to the storm water system? | ☒ | ☐ | ☐ | N.A. |

| | | | | | |
|---|---|---|---|---|---|
| D21 | Are site drainage systems provided over the entire project site with sediment control facilities? | ☐ | ☒ | ☐ | |
| D22 | Are sedimentation tanks or package treatment systems provided to treat the large amount of sediment-laden wastewater generated from wheel washing, site runoff and construction works? | ☐ | ☒ | ☐ | |
| D23 | Is the generated wastewater with high concentrations of SS collected to the sedimentation tanks or package treatment systems for proper treatment prior to disposal? | ☐ | ☒ | ☐ | |
| D24 | Is the treated wastewater reused for vehicle washing, dust suppression and general cleaning? | ☐ | ☒ | ☐ | |
| D25 | Is the sewage generated from toilets collected using a temporary storage system? | ☐ | ☒ | ☐ | |
| D26 | Is there any sediment plume observed in nearby watercourses? | ☐ | ☐ | ☒ | |
| D27 | Are slit-grease traps deployed to prevent a direct input of road surface runoff to the marine waters? | ☒ | ☐ | ☐ | N.A. |

| **E** | **Waste / Chemical Management** | **N/A or Not Observed** | **Yes** | **No** | **Remarks / Photo** |
|---|---|---|---|---|---|
| **General Waste** | | | | | |
| E1 | Is the general waste generated on-site stored in enclosed bins or compaction units separately from the construction and chemical wastes? | ☐ | ☒ | ☐ | |
| E2 | Is the general waste collected properly by using the waste separation facilities for paper, aluminium cans, plastic bottles etc.? | ☐ | ☒ | ☐ | |
| E3 | Does accumulation of waste avoid? | ☐ | ☐ | ☒ | Refer to Observation 2 |
| E4 | Is waste disposed regularly? | ☐ | ☒ | ☐ | |
| **Construction Waste** | | | | | |
| E5 | Are the temporary stockpiles maintained regularly? | ☐ | ☒ | ☐ | |
| E6 | Is the excavated fill material reused for backfilling and reinstatement? | ☐ | ☒ | ☐ | |
| E7 | Are the C&D materials sorted and recycled on-site? | ☐ | ☒ | ☐ | |
| E8 | Is there any contract documents provided to allow and promote the use of recycled aggregates where appropriate? | ☒ | ☐ | ☐ | Not Observed. |
| E9 | Is the disposal of C&D materials avoided onto any sensitive locations e.g. agricultural lands etc.? | ☒ | ☐ | ☐ | N.A. |
| E10 | Are the public fill and C&D waste segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal? | ☐ | ☒ | ☐ | |
| E11 | Is the durable formwork or plastic facing for construction works used? | ☒ | ☐ | ☐ | N.A. |
| E12 | Do the wooden hoardings avoid to be used? | ☐ | ☒ | ☐ | |
| E13 | Is metal hoarding used to enhance the possibility of recycling? | ☐ | ☒ | ☐ | |

| | | | | | |
|---|---|---|---|---|---|
| E14 | Is the segregation and storage of C&D wastes undertaken in designated area? | ☐ | ☒ | ☐ | |
| E15 | Are waste storage area properly cleaned and do not cause windblown litter and dust nuisance? | ☐ | ☒ | ☐ | |
| E16 | Do the excavated materials appear contaminated? | ☐ | ☒ | ☐ | |
| E17 | If suspected contaminated, appropriate procedures followed? | ☒ | ☐ | ☐ | N.A. |
| **Chemical / Fuel Storage Area** | | | | | |
| E18 | Are the fuel tanks and chemical storage areas provided with locks and sited on sealed areas? | ☐ | ☒ | ☐ | |
| E19 | Are the storage area enclosed 3 sides by walls/ fence of ≥2m tall and bounded with adequate bund capacity (>110% of largest container) or do the storage area allow storage of 20% of total volume of waste? | ☐ | ☒ | ☐ | |
| E20 | Are the storage areas labelled and separated (if needed)? | ☐ | ☒ | ☐ | |
| E21 | Do the storage areas have adequate ventilation and be covered to prevent rainfall entering? | ☐ | ☒ | ☐ | |
| E22 | Are the containers used for the storage of chemical wastes suitable for the substance that are holding, resist to corrosion, maintained in a good condition, and securely closed? | ☐ | ☒ | ☐ | |
| E23 | If no specification has been approved by EPD, are container with <450L capacity provided for storage of chemicals waste? | ☐ | ☒ | ☐ | |
| **Chemical Waste / Waste Oil** | | | | | |
| E24 | Is chemical waste or waste oil stored and labelled in English and Chinese properly in designated area? | ☐ | ☒ | ☐ | |
| E25 | Are chemicals and waste oil recycled or disposed properly? | ☐ | ☒ | ☐ | |
| E26 | Is waste oil collected and stored for recycling or disposal? | ☐ | ☒ | ☐ | |
| **Records** | | | | | |
| E27 | Is a licensed waste haulier used for waste collection? | ☐ | ☒ | ☐ | |
| E28 | Are the records of quantities of wastes generated, recycled, and disposed properly kept? | ☐ | ☒ | ☐ | |
| E29 | For the demolition material/ waste, is the number of loads for each day recorded as appropriate? | ☒ | ☐ | ☐ | N.A. |

| F | Landscape and Visual Impacts | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| F1 | Is the work site confined within site boundaries? | ☐ | ☒ | ☐ | |
| F2 | Is damage to surrounding areas avoided? | ☐ | ☒ | ☐ | |
| F3 | Is the hoardings with aesthetic treatment provided and designed to be subtle and camouflaged? | ☐ | ☒ | ☐ | |
| F4 | Is the temporary landscape treatment provided (such as the provision of temporary landscape planting around the Site office in ornamental pots and application of green roof for Site office)? | ☐ | ☒ | ☐ | |
| F5 | Are the protective fencing erected along or beyond the perimeter of the tree protection zone of each individual tree? | ☒ | ☐ | ☐ | To be implemented before demolition of hoarding |

| G | Environmental Complaint | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| G1 | Number of Environmental Complaint received between inspection weeks. | ☐ | ☐ | ☒ | |

| H | General Housekeeping | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| H1 | Are potential stagnant pools cleared and mosquito breeding prevented? | ☐ | ☒ | ☐ | |
| H2 | Are the defined boundaries of working areas identified to prevent loss of vegetation | ☐ | ☒ | ☐ | |

| I | Others | N/A or Not Observed | Yes | No | Remarks / Photo |
|---|---|---|---|---|---|
| I1 | Are the portable toilets maintained in a state, which will not deter the workers from utilizing these portable toilets? | ☐ | ☒ | ☐ | |

**Follow up action for previous Site Inspection:**

12 June 2025 Observation

Waiting for Contractor' input.

19 June 2025 Observation

1. General waste on L4 ground was cleaned. (Photo R1)

Photo R1

**Observation(s):**

1. Silt and grit are observed in the drainage of L2. (Photo 1)
2. The accumulated waste without segregation is observed on L1. (Photo 2)

Photo 1

Photo 2

**Corrective Actions – Mitigation Measures Implemented or Proposed (if any):**

1. The Contractor was recommended to clear silt and grit regularly to maintain the efficiency of the drainage.
2. The Contractor has been recommended to increase the frequency of waste disposal to avoid waste accumulation.

| | Environmental Team Representative: | IEC's Representative: | Contractor's Representative: | CE/COW's Representative |
|---|---|---|---|---|
| Signature: |  | / |  |  |
| Name: | Winnie Ho | / | Desmod Ho | C K Sin |
| Date: | 26 June 2025 | / | 26 June 2025 | 26 June 2025 |

# Appendix 10

# 2025 July

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY |
|---|---|---|---|---|---|---|
| 30 | 01 | 02<br>Noise Monitoring (NM1, NM2b and NM3) | 03 | 04 | 05 | 06 |
| 07 | 08<br>Noise Monitoring (NM1, NM2b and NM3) | 09 | 10 | 11 | 12 | 13 |
| 14 | 15<br>Noise Monitoring (NM1, NM2b and NM3) | 16 | 17 | 18 | 19 | 20 |
| 21 | 22<br>Noise Monitoring (NM1, NM2b and NM3) | 23 | 24 | 25 | 26 | 27 |
| 28 | 29<br>Noise Monitoring (NM1, NM2b and NM3) | 30 | 31 | 01 | 02 | 03 |
| 04 | 05 | Notes: | | | | |

# Appendix 11

There was no Notification of Environmental Quality Limits Exceedance in the reporting month.

# Appendix 12

## Environmental Complaints Log

| Complaint Ref. No. | Date of Complaint Received | Received from | Received by | Aspect of Complaint | Date of Investigation | Investigation Summary & Conclusion | Date of Reply |
|---|---|---|---|---|---|---|---|
| C001_20240912 | 12 Sep 2024 | EPD | ET | Noise | 12, 19 & 26 September 2024, and 4, 10, 17 & 24 October 2024 | During the EPD liaison meeting on 12 September 2024, ER, IEC, ET and Contractor were noted that EPD received a complaint regarding construction noise on Sundays from the construction site of the Chai Wan Government Complex and Vehicle Depot in September 2024. Subsequently, this information was communicated from EPD to ET via email on 9 October 2024.<br>In summary of the investigation, no significant noise nuisance was generated from the site activities conducted on 1 and 8 September 2024 (Sunday). Additionally, noise mitigation measures were implemented prior to September. In conclusion, there is no direct evidence showing that the complaint is related to the construction site of the Chai Wan Government Complex and Vehicle Depot. | 5 Nov 2024 |

Remarks:

1. “ER” equal to “Engineer’s Representative”
2. “IEC” equal to “Independent Environmental Checker”
3. “ET” equal to “Environmental Team”
4. “EPD” equal to “Environmental Protection Department”

## Environmental Enquiries Log

| Enquiry Ref. No. | Date of Enquiry Received | Received from | Received by | Aspect of Complaint | Date of Investigation | Investigation Summary & Conclusion | Date of Reply |
|---|---|---|---|---|---|---|---|
| NA | NA | NA | NA | NA | NA | NA | NA |

Remarks:

1. "ET" equal to "Environmental Team"
2. "EPD" equal to "Environmental Protection Department"
3. "NA" equal to "Not Applicable"

## Cumulative Statistics on Complaints

| Aspects | Cumulative No. Brought Forward | No. of Complaints during reporting period | Cumulative Project-to-Date |
|---|---|---|---|
| Air Quality | 0 | 0 | 0 |
| Noise | 1* | 0 | 1* |
| Water Quality | 0 | 0 | 0 |
| Waste Management | 0 | 0 | 0 |
| Total | 1* | 0 | 1* |

Remarks:

1. *Equal to non-project related after the investigation.

**Prepared by:**

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