

SERVICE CONTRACT NO: EDO/03/2025

**ENVIRONMENTAL TEAM FOR
DEVELOPMENT OF
ANDERSON ROAD QUARRY SITE -
ROAD IMPROVEMENT WORKS**

UNDER ENVIRONMENTAL PERMIT NO. EP-513/2016

MONTHLY ENVIRONMENTAL MONITORING & AUDIT REPORT

MAY 2026

CLIENTS:

**Civil Engineering and Development
Department**

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Ray Li
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DATE:

June 2026



Our Ref. : TEEM/1040/26/L/107/JYT
Job No. : TM1040-25
Date : 15 June 2026

By Email

Civil Engineering and Development Department
8/F, South Tower, West Kowloon Government Offices
11 Hoi Ting Road
Yau Ma Tei, Kowloon

Attn.: Mr. Lee Ming Keung, Marco (Ch Engr/ E2, EDO, CEDD)

Dear Sir,

Agreement No. EDO 5/2025
Development of Anderson Road Quarry Site – Road Improvement Works (Phase 2)
Independent Environmental Checker
Verification for Monthly EM&A Report (May 2026)

With reference to the Monthly Environmental Monitoring and Audit (EM&A) Report – May 2026 (Issue 2) as submitted by the Environmental Team in June 2026, we are pleased to inform that we hereby verify the captioned submission in accordance with Condition 3.4 of the Environmental Permit No. EP-513/2016 for the Anderson Road Quarry Site – Road Improvement Works.

Should you have any queries, please do not hesitate to contact the undersigned at (852) 3610 8701 or our Mr. Michael Fong at (852) 3610 8706 or our Mr. Jacky Tsang at (852) 3610 8735.

Yours faithfully,

For and on behalf of
Telemax Environmental and Energy Management Limited



Ir Nelson Tam
Independent Environmental Checker (IEC)

c.c. Lam Environmental Services Limited (ET) - Attn: Mr. Raymond Dai / Mr. Ray Li

EM / NT / MF / JYT



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EXECUTIVE SUMMARY

- i. This is the Environmental Monitoring and Audit (EM&A) Monthly Report – [May 2026](#) of Development of Anderson Road Quarry Site – Road Improvement Works under Environmental Permit no. EP-513/2016 (Hereafter as “the Project”). The construction works of the Project was commenced on 2 November 2018 and this is the [91st](#) EM&A report presenting the environmental monitoring findings and information recorded during the period of [1 to 31 May 2026](#). The cut-off date of reporting is the end of each reporting month.
- ii. In the reporting month, the principal work activities conducted are as follow:

Works in Road Improvement Works 1 (RIW1)

- Reinstatement works at Slope C2 are in-progress.
- Road works along CT6 and FE1 “a” side.
- Erection of Noise barrier steel frame FE1.
- ELS works at CT5 and FE1 b1 & b2

Works in Road Improvement Works 2 (RIW2)

- ELS works and RC works at PC1 to PC4.
- Drainage works at PC5 to PC6.
- Reinstatement works at Slope C3 are in-progress.

Works in Road Improvement Works 3 (RIW3)

- Watermain works at F1-3 in progress.
- Utilities diversion works and ELS works at Bridge F1 Abutment A
- Rock excavation using drill & split method, drainage works and road works at Slope D3 / Lin Tak Road are in-progress.
- Installation of soil nail works, and slope works at Slope D4 are in-progress.
- Construction of sub-structure works for Bridge F1 pier F1-1 & F1-2.

Air Quality Monitoring

- iii. 1-hour Total Suspended Particulates (TSP) monitoring was conducted at eight monitoring stations. The sampling frequency is 3 times in every 6 days in the reporting month.
- iv. [No action or limit level exceedance was recorded in this reporting period.](#)

Noise Monitoring

- v. Noise monitoring was conducted at five noise monitoring stations once per week in the reporting month.
- vi. [No action or limit level exceedances was recorded in this reporting period.](#)

Water Quality Monitoring

- vii. Water quality monitoring was conducted at four monitoring stations three days per week in the reporting month.
- viii. No water samples can be collected at Station AC1 during this reporting period as the station was dried out during the monitoring.
- ix. 1 action and 1 limit level exceedances were recorded in this reporting period. Both of exceedances were likely attributed to external sources and not project related. The summary of exceedance is presented in Appendix 6.2.

Site Inspections and Audit

- x. The Environmental Team (ET) conducted weekly site inspections during May 2026. No non-compliance was found during the site inspection while reminders and observations on environmental measures were recommended and recorded. Details can be referred to Section 7.
- xi. The Environmental Team (ET) conducted biweekly landscape site inspections during May 2026. No non-compliance was found during the site inspection while reminders and observation on environmental measures were recommended and recorded. Details can be referred to Section 7.

Complaints, Notifications of Summons and Successful Prosecutions

- xii. No documented environmental complaint was received by the ET during the reporting month. The investigation summary for all the complaint cases were reported in the Complaint Log in in **Appendix 8.1**.

Reporting Changes

- xiii. There are no changes to be reported.

Future Key Issues

- xiv. In coming reporting 2 months, the scheduled construction activities and the recommended mitigation measures are listed in **Table 9.1**.

1 Introduction

1.1 Scope of the Report

- 1.1.1. Lam Environmental Services Limited (LES) has been appointed to work as the Environmental Team (ET) under Environmental Permit (EP) no. EP-513/2016 to implement the Environmental Monitoring and Audit (EM&A) programme as stipulated in the EM&A Manual of the approved Environmental Impact Assessment (EIA) Report for Development of Anderson Road Quarry site - Road Improvement Works (Register No.: AEIAR-195/2016).
- 1.1.2. In accordance with Clause 3.4 stated in EP-513/2016, four hard copy and one electronic copy of the monthly EM&A Report shall be submitted to the Director within 2 weeks after the end of each reporting month throughout the entire construction period.
- 1.1.3. In accordance with Section 11.3.1 of the Project EM&A Manual, the first Monthly EM&A Report should be prepared and submitted to EPD within a month after the major construction works commences with the subsequently Monthly EM&A Reports due in 10 works day of the end of each reporting month.

1.2 Structure of the Report

Section 1 ***Introduction*** – details the scope and structure of the report.

Section 2 ***Project Background*** – summarizes background and scope of the project, site description, project organization and contact details of key personnel during the reporting period.

Section 3 ***Status of Regulatory Compliance*** – summarizes the status of valid Environmental Permits / Licenses during the reporting period.

Section 4 ***Monitoring Requirements*** – summarizes all monitoring parameters, monitoring methodology and equipment, monitoring locations, monitoring frequency, criteria and respective event and action plan and monitoring programmes.

Section 5 ***Monitoring Results*** – summarizes the monitoring results obtained in the reporting period.

Section 6 ***Compliance Audit*** – summarizes the auditing of monitoring results, all exceedances environmental parameters.

Section 7 ***Environmental Site Audit*** – summarizes the findings of weekly site inspections undertaken within the reporting period, with a review of any relevant follow-up actions within the reporting period.

Section 8 ***Complaints, Notification of summons and Prosecution*** – summarizes the cumulative statistics on complaints, notification of summons and prosecution

Section 9 ***Conclusion***

2 Project Background

2.1 Background

- 2.1.1. The Development of Anderson Road Quarry (ARQ) Site is to provide land and the associated infrastructures for the proposed land uses at the existing ARQ site at the north-eastern of East Kowloon.
- 2.1.2. In addition to the site formation and infrastructure works within the ARQ site, a new bus-to-bus interchange (BBI) at the toll plaza of Tseung Kwan O Tunnel and a series of associated off-site road improvement works and pedestrian connectivity facilities are also proposed to mitigate the potential cumulative traffic impact arising from the proposed ARQ development.
- 2.1.3. The Project under Environmental Permit (EP) (EP No. EP-513/2016) is intended for three associated off-site road improvement works which comprises: (i) improvement of junction of (J/O) Lin Tak Road / Sau Mau Ping Road (RIW3) (ii) widening and improvement of sections of Clear Water Bay Road and On Sau Road (RIW2); and (iii) widening and improvement of sections of New Clear Water Bay Road and Shun Lee Tsuen Road (RIW1). The location of the Project is shown [Figure 2.1](#).

2.2 Scope of the Project and Site Description

- 2.2.1. The project contains various Schedule 2 Designated Projects (DPs) that, under the EIAO, require EPs to be granted by the DEP before they may be either constructed or operated. **Table 2.1** summarises the DPs under this Project.

Table 2.1 Schedule 2 Designated Projects under this Project

| Item | Designated Project | EIAO Reference |
|------|---|-------------------------|
| DP2 | A road which is an expressway, trunk road, primary distributor road or district distributor road including new roads, and major extensions or improvements to existing road | Schedule 2, Part I, A.1 |

2.3 Project Organization and Contact Personnel

- 2.3.1 Civil Engineering and Development Department is the overall project controllers for the Project. For the construction phase of the Project, Project Engineer, Contractor(s), Environmental Team and Independent Environmental Checker are appointed to manage and control environmental issues.
- 2.3.2 The proposed project organization and lines of communication with respect to environmental protection works are shown in [Figure 2.2](#). Key personnel and contact particulars are summarized in **Table 2.2**:

Table 2.2 Contact Details of Key Personnel

| Party | Role | Post | Name | Contact No. | Contact Fax |
|---|---|---|--------------------|-------------|-------------|
| AECOM | Engineer's Representative | Senior Resident Engineer | Mr. Bob Lee | 5506 0069 | 2473 3221 |
| Chun Wo – China Metallurgical Group Corporation Joint Venture | Contractor | Site Agent | Ms. Suk Yin Cheung | 6323 4716 | 3965 9854 |
| | | Environmental Officer | Ms. Diana Lee | 9124 5619 | |
| Telex Environmental and Energy Management Limited | Independent Environmental Checker (IEC) | Independent Environmental Checker (IEC) | Ir Nelson Tam | 3563 7003 | 3563 7018 |
| Lam Environmental Services Limited | Environmental Team (ET) | Environmental Team Leader (ETL) | Mr. Ray Li | 3765 0649 | 3460 2905 |

2.4 Construction Activities

2.4.1 In coming reporting 2 months, the scheduled construction activities are listed as follows:

- Reinstatement works at Slope C2 are in-progress.
- Road works along CT6 and FE1 “a” side.
- Erection of Noise barrier steel frame FE1.
- ELS works at CT5 and FE1 b1 & b2
- ELS works and RC works at PC1 to PC4.
- Drainage works at PC5 to PC6.
- Reinstatement works at Slope C3 are in-progress.
- Watermain works at F1-3 in progress.
- Utilities diversion works and ELS works at Bridge F1 Abutment A
- Rock excavation using drill & split method, drainage works and road works at Slope D3/ Lin Tak Road are in-progress.
- Installation of soil nail works, and slope works at Slope D4 are in-progress.
- Construction of sub-structure works for Bridge F1 pier F1-1 & F1-2.

3 Status of Regulatory Compliance**3.1 Status of Environmental Licensing and Permitting under the Project**

3.1.1. A summary of the current status on licences and/or permits on environmental protection pertinent to the Project is shown in **Table 3.1**.

Table 3.1 Summary of the current status on licences and/or permits on environmental protection pertinent to the Project

| Permits and/or Licences | Permit. No. / Account No. | Valid From | Expiry Date | Status |
|--|--|-------------|--------------------|--------|
| Notification pursuant to Air Pollution Control (Construction Dust) Regulation | Form NA submitted to EPD on 29 May 2018. | | | |
| Environmental Permit | EP-513/2016 | 20 Jul 2016 | N/A | Valid |
| Billing Account for Disposal | | | | |
| Billing Account for Disposal of Construction Waste | 7031075 | 20 Jun 2018 | End of the Project | Valid |
| Chemical Waste Registration | | | | |
| Registration as a Waste Producer for Sau Mau Ping Road to Lin Tak Road | 5213-294-C4239-04 | 6 Aug 2018 | N/A | Valid |
| Registration as a Waste Producer for New Clear Water Bay Road (Start from 46 Clear Water Bay Road, End at Shun Lee Tsuen Road and San Lee Street | 5213-291-C4239-02 | 13 Aug 2018 | N/A | Valid |
| Registration as a Waste Producer for South Part of Hiu Ming Street Playground | 5213-294-C4239-03 | 6 Aug 2018 | N/A | Valid |
| Registration as a Waste Producer for Clear Water Bay Road and New Clear Water Bay Road (From the intersection of Fei Ngo Shan Road to Tai Pan Court) and on Sau Road (From the intersection of New Clear Water Bay Road to 9 Anderson Road | 5213-831-C4239-08 | 6 Aug 2018 | N/A | Valid |
| Water Discharge Licence | | | | |
| Water Pollution Ordinance Licence for Clear Water Bay Road, Shun Lee Tsuen Road and San Lee Street | WT10003315-2024 | 3 Jul 2024 | 31 Jul 2029 | Valid |
| Water Pollution Ordinance Licence for intersection of Fei Ngo Shan Road to Tai Pan Court and on Sau Road (From the intersection of New Clear Water Bay Road to 9 Anderson Road | WT10002686-2023 | 2 Apr 2024 | 31 Mar 2029 | Valid |
| Water Pollution Ordinance Licence for Lin Tak Road to Sau Mau Ping Road including Tseung Kwan O Tunnel Toll Plaza | WT10002261-2023 | 30 Jan 2024 | 31 Jan 2029 | Valid |

| Construction Noise Permit | | | | |
|--|--------------|-------------|-------------|---------|
| Bridge Erection at Tseung Kwan O Rd and Lin Tak Rd | GW-RE0141-26 | 1 Mar 2026 | 30 Jun 2026 | Valid |
| Electricity supply to CCTV at Shun Tin Store | GW-RE0271-26 | 27 Mar 2026 | 26 Sep 2026 | Valid |
| Re-surfacing at Hiu Kwong Street near Sau Mau Ping Rd | GW-RE0160-26 | 25 Feb 2026 | 24 May 2026 | Expired |
| Re-surfacing at Hiu Kwong Street near Sau Mau Ping Rd | GW-RE0558-26 | 2 Jun 2026 | 1 Dec 2026 | Valid |
| Lighting and pumping at New Clear Water Bay Rd near Choi Wan Estate | GW-RE0272-26 | 28 Mar 2026 | 27 Sep 2026 | Valid |
| Noise Barriers Installation at New Clear Water Bay Rd near Lee On Rd | GW-RE0204-26 | 13 Mar 2026 | 12 Sep 2026 | Valid |
| Noise Barriers Installation at New Clear Water Bay Rd near On Sau Rd | GW-RE0518-26 | 22 May 2026 | 21 Aug 2026 | Valid |
| Saltwater main diversion at Sau Mau Ping Road and Lin Tak Road | GW-RE0062-26 | 7 Feb 2026 | 6 May 2026 | Expired |
| Water Pumping at Pik Wan Rd near Lin Tak Rd | GW-RE0140-26 | 27 Feb 2026 | 26 Aug 2026 | Valid |
| Rock Splitting at Lin Tak Road near Tseung Kwan O Road | GW-RE0286-26 | 12 Apr 2026 | 11 Aug 2026 | Valid |
| Freshwater and Saltwater Connections at Lin Tak Road near Tseung Kwan O Road | GW-RE0267-26 | 14 Mar 2026 | 13 Jun 2026 | Valid |
| PCW at Lin Tak Rd, Sau Mau Ping Rd and Tseung Kwan O Rd | GW-RE0143-26 | 4 Mar 2026 | 3 Jul 2026 | Valid |

3.2 Status of Submission under the EP-513/2016

3.2.1. A summary of the current status on submission under EP-513/2016 is shown in **Table 3.2**.

Table 3.2 Summary of submission status under EP-513/2016

| EP Condition | Submission | Date of Submission |
|----------------|--|--------------------|
| Condition 1.12 | Notification of Commencement Date of Works | 24 September 2018 |
| Condition 2.10 | Management Organization of Main Construction Companies | 27 September 2018 |
| Condition 2.11 | Submission of Design Drawing(s) of the Project | 28 September 2018 |
| Condition 2.12 | Submission of Landscape and Visual Mitigation Plan(s) | 28 September 2018 |

| EP Condition | Submission | Date of Submission |
|-------------------------------|--|-----------------------------|
| Condition 2.14 (a) and 2.15 | Submission of Detailed Vegetation Survey Report (2nd submission) | 7 December 2018 |
| Condition 2.14 (b) and 2.15 | Submission of Transplantation Proposal | 7 December 2018 |
| Condition 3.3 | Submission of Baseline Environmental Monitoring Report (2nd submission) | 18 December 2018 |
| Condition 2.14 (c) | Transplantation Completion Report | 3 May 2019 |
| Condition 3.4 | Monthly EM&A Report (April 2026) | 14 May 2026 |
| Condition 2.14(d) | Post-Transplantation Monitoring Report | 6 April 2022 |

4 Monitoring Requirements

4.1 Noise Monitoring

NOISE MONITORING STATIONS

- 4.1.1. The noise monitoring stations for the Project are listed and shown in **Table 4.1** and [Figure 4.1 & 4.2](#).

Table 4.1 Noise Monitoring Station

| Monitoring Station ID | Monitoring Location | Measurement Type | Level (in terms of no. of floor) |
|-----------------------|--|------------------|----------------------------------|
| NMC01 | Kei Shun Special School | Façade | G/F |
| NMC02 | Shun Lee Disciplined Services Quarters Block 6 | Façade | 3/F podium |
| NMC03 | Sienna Garden Block 6 | Free-field | G/F |
| NMC04 | Po Tat Estate Tat Kai House | Free-field | 3/F podium |
| NMC05 | Hong Wah Court Block B Yee Hong House | Façade | G/F |

NOISE MONITORING PARAMETERS, FREQUENCY AND DURATION

- 4.1.2. Noise monitoring shall be carried out at all the designated monitoring stations. The monitoring frequency shall depend on the scale of the construction activities. The following is an initial guide on the regular monitoring frequency for each station on a weekly basis when noise generating activities are underway:
- One set of measurements between 0700-1900 hours on normal weekdays (six consecutive Leq/5min readings);
 - One set of measurements between 1900-2300 hours;
 - One set of measurements between 2300-0700 hours of next day; and
 - One set of measurements between 0700-2300 hours on holidays (three consecutive Leq/5min readings).
- 4.1.3. For the latter 3 sets of measurements specified in Section 4.1.2 above, one set of measurements shall at least include 3 consecutive Leq (5min) results.
- 4.1.4. Supplementary information for data auditing, statistical results such as L10 and L90 shall also be obtained for reference.
- 4.1.5. If a school exists near the construction activity, noise monitoring shall be carried out at the monitoring stations for the schools during the examination periods. The ET leader shall liaise with the school's personnel and the examination authority to ascertain the exact dates and times of all examination periods during the course of the contract.

MONITORING EQUIPMENT

4.1.6. Noise monitoring was performed using sound level meter at the designated monitoring locations. The sound level meters shall comply with the International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1) specifications. Acoustic calibrator shall be deployed to check the sound level meters at a known sound pressure level. Brand and model of the equipment is given in **Table 4.2**.

Table 4.2 Noise Monitoring Equipment

| Equipment | Brand and Model | Series Number |
|------------------------------|---------------------|------------------------------|
| Integrated Sound Level Meter | Nti XL2 | A2A-15360-E0 A2A-15269-E0 |
| Acoustic Calibrator | Larson Davis CAL200 | 13437 13098 |

4.1.7. The calibration certificates of the noise monitoring equipment are attached in [Appendix 4.2](#).

SAMPLING PROCEDURE AND MONITORING EQUIPMENT

4.1.8. Monitoring Procedure

- (a) The monitoring station shall normally be at a point 1m from the exterior of the sensitive receiver’s building façade and be at a position 1.2m above the ground.
- (b) Façade measurements were made at the monitoring locations. For free-field measurement, a correction factor of +3 dB (A) would be applied.
- (c) The battery condition was checked to ensure the correct functioning of the meter.
- (d) Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
- (e) Frequency weighting: A, Time weighting: Fast, Measurement time set: continuous 5 mins
- (f) Prior and after to the noise measurement, the meter was checked using the acoustic calibrator for 94dB (A) at 1000 Hz. If the difference in the calibration level before and after measurement was more than ±1 dB (A), the measurement would be considered invalid and repeat of noise measurement would be required after re-calibration or repair of the equipment.
- (g) Noise measurements shall not be made in fog, rain, wind with a steady speed exceeding 5m/s or wind with gusts exceeding 10m/s. The wind speed shall be checked with a portable wind speed meter capable of measuring the wind speed in m/s.

4.1.9. Maintenance and Calibration

- (a) The microphone head of the sound level meter was cleaned with soft cloth at regular intervals.
- (b) The sound level meter and calibrator were calibrated at yearly intervals.

EVENT AND ACTION PLAN

- 4.1.10. Noise Standards for Daytime Construction Activities are specified under EIAO-TM. The Action and Limit levels for construction noise are defined in **Table 4.3** and [Appendix 4.1](#). Should non-compliance of the criteria occurs, action in accordance with the Event and Action Plan in [Appendix 6.1](#) shall be carried out.
- 4.1.11. An ad-hoc discussion after the SSEMC meeting on 10 October 2025 called by the RSS was held to discuss on contractor's query raised on the noise measurement to confirm exceedance under the Event and Action Plan (EAP) for Construction Noise. During the ad-hoc discussion, the contractor disagreed on timing/arrangement of repeat measurement under EAP of construction noise implemented by ET. IEC was consulted on the Validity Assessment of Exceedance and expressed that it would be more appropriate for the repeat measurement be undertaken during similar construction activities to confirm findings with respect to the EAP.
- 4.1.12. EAP for Construction Noise has been followed strictly by ET when exceedance recorded. Should any noise exceedance be recorded, RSS will be notified to confirm similar construction activities for ET to conduct repeated measurement according since the noise monitoring conducted on 15 October 2025 as per IEC's advice in the ad-hoc discussion on 10 October 2025.

Table 4.3 Action and Limit Level for Noise Monitoring

| Monitoring Station | Action Level | Limit Level (dB(A)) | | |
|--------------------|---|----------------------------------|---|--|
| | | 0700-1900 hrs on normal weekdays | 0700-2300 hrs on holidays (including Sundays); and 1900-2300 hrs on all days ² | 2300-0700 hrs of all days ² |
| NMC01 | When one documented complaint is received | 65 / 70 ¹ | 60 / 65 / 70 ³ | 45 / 50 / 55 ³ |
| NMC02 | | 75 | | |
| NMC03 | | 75 | | |
| NMC04 | | 75 | | |
| NMC05 | | 75 | | |

Remark 1: Limit level of NMC01 - Kei Shun Special School reduce to 65 dB (A) during examination periods if any.

Remark 2: Construction noise during restricted hours is under the control of Noise Control Ordinance Limit Level to be selected based on Area Sensitivity Rating.

Remark 3: Limit Level for restricted hour monitoring shall act as reference level only. Investigation would be conducted on CNP compliance if exceedance recorded during restricted hour noise monitoring period.

4.2 Air Monitoring

AIR QUALITY MONITORING STATIONS

- 4.2.1. The air monitoring stations for the Project are listed and shown in **Table 4.4** and [Figure 4.3 & 4.4](#).

Table 4.4 Air Monitoring Station

| Monitoring Station ID | Monitoring Location | Level (in terms of no. of floor) |
|-----------------------|---|----------------------------------|
| NCWBR_AMS-1 | Shun Lee Fire Station | 2/F Roof |
| NCWBR_AMS-2 | Shun Lee Estate Lee Hang House | G/F |
| NCWBR_AMS-3 | Shun Lee Disciplined Services Quarters (Block 6) | 4/F podium |
| NCWBR_AMS-4 | Sienna Garden | G/F |
| NCWBR_AMS-5 | Shun Chi Court Shun Fung House | Roof |
| LTR_AMS-1 | St Edward's Catholic Primary School | G/F |
| LTR_AMS-2 | Environmental Protection Department's Restored Landfill Site Office | G/F |
| LTR_AMS-3 | Po Tat Estate Tat Kai House | 3/F podium |

AIR MONITORING PARAMETERS, FREQUENCY AND DURATION

- 4.2.2. One-hour TSP levels should be measured to indicate the impacts of construction dust on air quality.
- 4.2.3. The sampling frequency of at least three times in every six-days should be undertaken when the highest dust impact occurs.

SAMPLING PROCEDURE AND MONITORING EQUIPMENT

4.2.4. Monitoring Procedures

- (a) Check the calibration period of portable direct reading dust meter prior to monitoring (The direct reading dust meter was calibrated at 2-years interval and checked with High Volume Sampler (HVS) yearly.)
- (b) Record the site condition near / around the monitoring stations.
- (c) Install the portable direct reading dust meter to the monitoring location.
- (d) Slide the power switch to turn the power on.
- (e) Check of portable direct reading dust meter to ensure the equipment operation in normal condition.
- (f) Select the period of measurement to 60mins.
- (g) Check and set the correct time.
- (h) Select the appropriate unit display for the equipment.
- (i) Slide the power switch to turn the power off when the monitoring period ended (3 times 1 hour TSP monitoring per day).
- (j) Uninstall the portable direct reading dust meter
- (k) Collected the sampled data for analysis.
- (l) Remark: Procedures (c) to (h) may be different subject to the brands and models of portable direct reading dust meter

4.2.5. Maintenance and Calibration

- (a) The direct reading dust meter was calibrated at 2-years interval and checked with High Volume Sampler (HVS) yearly to determine the accuracy and validity of the results measured.
- (b) Checking of direct reading dust meter will be carried out in order to determine the conversion factor between the direct reading dust meter and the standard equipment, HVS. The comparison check is to be considered valid based on correlation coefficient

checked by HOKLAS laboratory.

- 4.2.6. The 1-hour TSP air quality monitoring was performed by using portable direct reading dust meters at each designated monitoring station. The brand and model of the equipment are given in **Table 4.5**.

Table 4.5 Air Quality Monitoring Equipment

| Equipment | Brand and model | Series Number |
|------------------------------------|---------------------|--|
| Portable direct reading dust meter | Met One BT- 645 | B17940 B17942 C15621 C15622 C15625 |
| | Met One AEROCET 831 | R14332 W15449 W16848 Y23153 Y23160 |

- 4.2.7. The calibration certificate of the air quality monitoring equipment are attached in [Appendix 4.2](#).

WIND DATA

- 4.2.8. The representative wind data from Tate's Cairn and Tseung Kwan O HKO Automatic weather Stations were obtained for the 1-hr TSP monitoring periods and shown in [Appendix 4.3](#).

EVENT AND ACTION PLAN

- 4.2.9. The Action and Limit levels for construction air quality are defined in **Table 4.6** and [Appendix 4.1](#). The Event and Action Plan as shown in [Appendix 6.1](#) shall be implemented if non-compliance of the air quality criteria is identified.

Table 4.6 Action and Limit Level for Air Quality Monitoring

| Monitoring Locations | 1-hour TSP Level in µg/m3 | |
|----------------------|---------------------------|-------------|
| | Action Level | Limit Level |
| NCWBR_AMS-1 | 284.4 | 500.0 |
| NCWBR_AMS-2 | 282.4 | 500.0 |
| NCWBR_AMS-3 | 287.9 | 500.0 |
| NCWBR_AMS-4 | 281.6 | 500.0 |
| NCWBR_AMS-5 | 270.0 | 500.0 |
| LTR_AMS-1 | 272.1 | 500.0 |
| LTR_AMS-2 | 281.1 | 500.0 |
| LTR_AMS-3 | 285.1 | 500.0 |

4.3 Water Quality Monitoring

WATER QUALITY MONITORING STATIONS

- 4.3.1. Water quality monitoring at Additional Water Monitoring Stations AC2 and AC3 had been ceased from 8 September 2025 when EPD had no objection to the Proposal for Review of Additional Water Monitoring Stations and Cessation of Stations AC2 and AC3 for Water Quality Monitoring submitted the Environmental Team (ET) on 25 August 2025. Water quality monitoring would be carried out at Station E or AC1 when no water sample can be collected at Station E, as upstream control reference to impact station F.
- 4.3.2. Water quality monitoring was undertaken at 5 monitoring stations in the reporting month. The proposed water quality monitoring stations of the Project are shown in **Table 4.7** and [Figure 4.5 & 4.6](#).

Table 4.7 Marine Water Quality Stations for Water Quality Monitoring

| Inland Water | Stations | Description | Easting | Northing |
|---|--------------------|----------------------------|---------|----------|
| Channelized streams across the Project site | E ^[1] | Upstream Control Station | 841329 | 821753 |
| | F | Downstream Impact Station | 841469 | 821635 |
| | AC1 ^[1] | Upstream Reference Station | - | - |
| | AC2 ^[2] | Upstream Reference Station | - | - |
| | AC3 ^[2] | Upstream Reference Station | - | - |
| Ma Yau Tong Stream | H | Upstream Control Station | 843008 | 819880 |
| | I | Downstream Impact Station | 842652 | 819573 |

Remark: [1] Water quality monitoring would be carried out at Station E or AC1 when no water sample can be collected at Station E

[2] Water quality monitoring at Additional Water Monitoring Stations AC2 and AC3 had been ceased from 8 September 2025

WATER QUALITY PARAMETERS, FREQUENCY AND DURATION

- 4.3.3. The levels of dissolved oxygen (DO), turbidity and pH shall be measured in situ while suspended solids (SS) is determined by laboratory analysis at all the designated monitoring stations.
- 4.3.4. In association with the water quality parameters, other relevant data shall also be recorded, such as monitoring location / position, time, water temperature, salinity, DO saturation, weather conditions, and any special phenomena underway near the monitoring station.
- 4.3.5. The sampling frequency of at least three days per week should be undertaken when the highest dust impact occurs. Upon completion of the construction works, the monitoring exercise at the designated monitoring locations should be continued for four weeks in the same manner as the impact monitoring.

4.3.6. The interval between two sets of monitoring should not be less than 36 hours except where there are exceedances of Action and/or Limit Levels, in which case the monitoring frequency will be increased.

4.3.7. Replicate in-situ measurements should be carried out in each sampling event.

SAMPLING PROCEDURES AND MONITORING EQUIPMENT

Dissolved Oxygen and Temperature Measuring Equipment

4.3.8. The instrument should be a portable, weatherproof dissolved oxygen measuring instrument complete with cable, sensor, comprehensive operation manuals, and use a DC power source. It should be capable of measuring:

- a dissolved oxygen level in the range of 0-20 mg/l and 0-200% saturation
- a temperature of 0-45 degree Celsius

4.3.9. It should have a membrane electrode with automatic temperature compensation complete with a cable. Sufficient stocks of spare electrodes and cables should be available for replacement where necessary. (e.g. YSI model 59 meter, YSI 5739 probe, YSI 5795A submersible stirrer with reel and cable or an approved similar instrument).

4.3.10. Should salinity compensation not be build-in in the DO equipment, in-situ salinity shall be measured to calibrate the DO equipment prior to each DO measurement.

Turbidity Measurement Instrument

4.3.11. The instrument should be a portable, weatherproof turbidity-measuring instrument complete with comprehensive operation manual. The equipment should use a DC power source. It should have a photoelectric sensor capable of measuring turbidity between 0-1000 NTU and be complete with a cable (e.g. Hach model 2100P or an approved similar instrument).

Sampler

4.3.12. Due to low water level as mentioned in Section 6.4.3 of the EIA report, bucket sampler (Approximate 1L) will be use instead of water sampler in order to obtain surface water sample without disturb the stream sediment and collect representative results.

Salinity

4.3.13. A portable salinometer capable of measuring salinity in the range of 0-70 ppt shall be provided for measuring salinity of the water at each of monitoring location.

MONITORING METHODOLOGY

4.3.14. Monitoring Procedure

- (a) The condition near the monitoring stations shall be observed and recorded on the data log sheet.
- (b) Check of sensors and electrodes with certified standard solutions before each use.

- (c) Wet bulb calibration for a DO meter should be carried out before measurement.
- (d) Sample would be taken using bucket sampler at surface level.
- (e) Transfer the sampled water carefully into cleaned water bottles (2x 1000ml) provided by the laboratory at the spot after the collection of the water sample for the subsequent laboratory Suspended Solid testing.
- (f) Transfer the sampled water from the bucket sampler to the rinsed water container for in-situ measurement (In case of the in-situ measurement cannot be carried at spot due to safety and adverse weather condition, sampled water from the bucket sampler will be transfer to cleaned water bottles provided by laboratory. Then, In-situ measurement will be conducted at a safe location which sampled water inside cleaned water bottle will be transfer to the rinsed water container for in-situ measurement) In-situ measurement shall be measured in duplicate.
- (g) Parameters including Water Temperature (°C), pH (units), Salinity (ppt), DO (mg/L), DO saturation (%) will be measured by the Multifunctional Meter and Turbidity (NTU) will be measured by turbid meter. (Water Temperature and Salinity will be measured as reference parameters)
- (h) Record the result on the data log sheet and record any special finding during / after in-situ measurement.
- (i) The water sample bottles will be stored in a cool box (at cooled to 4°C without being frozen), which shall be delivered to HOKLAS laboratory (ALS Technichem (HK) Pty Ltd) for further testing to determine the level of SS.

4.3.15. Maintenance and Calibration

- (a) The responses of sensors and electrodes of the water quality monitoring equipment were cleaned and checked at regular intervals.
- (b) DO meter (Multifunctional Meter) and turbid meter was certified by a laboratory accredited under HOKLAS or any other international accreditation scheme, and subsequently re-calibrated at three monthly intervals.

4.3.16. Brand and model of the equipment are given in **Table 4.8**.

Table 4.8 Water Quality Monitoring Equipment

| Equipment | Brand and model | Series Number |
|-----------------------|--|---------------|
| Multifunctional Meter | YSI Professional Plus Multi Parameters | 14E101065 |
| Turbid meter | Xin Rui WGZ-3B | 2209074 |

4.3.17. The calibration certificates of the water quality monitoring equipment are attached in [Appendix 4.2](#).

LABORATORY MEASUREMENT / ANALYSIS

4.3.18. Analysis of suspended solids has been carried out in a HOKLAS accredited laboratory, which is ALS Technichem (HK) Pty Ltd.

EVENT AND ACTION PLAN

4.3.19. The Action and Limit levels for construction water quality are defined in **Table 4.9** and [Appendix 4.1](#). Should the monitoring results of the water quality parameters at any designated monitoring station exceed the water quality criteria, action in accordance with the Event and Action Plan in [Appendix 6.1](#) shall be carried out.

Table 4.9 Action and Limit Level for Water Quality Monitoring

| Monitoring Station | Surface pH | | Surface DO (mg/L) | | Surface Turbidity (NTU) | | Surface SS (mg/L) | |
|--------------------|-----------------------------|-----------------------------|-------------------|-------------|-------------------------|-------------|-------------------|-------------|
| | Action Level | Limit Level | Action Level | Limit Level | Action Level | Limit Level | Action Level | Limit Level |
| E | - | - | - | - | - | - | - | - |
| F | Beyond the range of 6.6-8.4 | Beyond the range of 6.5-8.5 | 5.8 | 5.5 | 24.4 | 32.7 | 17.0 | 23.8 |
| AC1 | - | - | - | - | - | - | - | - |
| AC2 | - | - | - | - | - | - | - | - |
| AC3 | - | - | - | - | - | - | - | - |
| H | - | - | - | - | - | - | - | - |
| I | Beyond the range of 6.6-8.4 | Beyond the range of 6.5-8.5 | 5.5 | 5.4 | 206.9 | 214.2 | 172.8 | 201.4 |

* Remarks:

The value of 1.0mg/L was taken as the value for measurement with suspended solid level of <1.0mg/L for Action and Limit level calculation.

It is recommended that upstream monitoring station (monitoring station E, AC1, AC2, AC3 and H) would be taken as control reference for exceedance investigation only. Action and limit level would not be established using the baseline data.

If the SS and Turbidity recorded from the Control Stations (E, H, AC1, AC2, AC3) are higher than the Impact Stations (I and F) on the same day of measurement, 120% and 130% of the Control Stations' results would be referenced as the Action and Limit Levels.

5. Monitoring Results

- 5.0.1 The environmental monitoring will be implemented based on the division of works areas of each designed projects. Overall layout showing work areas and monitoring stations is shown in [Figure 2.1](#) and [Figure 4.1 – 4.6](#) respectively.
- 5.0.2 The environment monitoring schedules for reporting month and coming three months are presented in [Appendix 5.1](#).

5.1. Noise Monitoring Results

- 5.1.1 No action or limit level exceedance was recorded in this reporting period.
- 5.1.2 Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in [Appendix 5.2](#).

5.2. Air Monitoring Results

- 5.2.1 No action or limit level exceedance was recorded in this reporting month.
- 5.2.2 Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air monitoring results and graphical presentation can be referred in [Appendix 5.3](#).

5.3. Water Quality Monitoring Results

- 5.3.1 No water samples can be collected at Stations E and AC1 during this reporting period as the station was dried out during the monitoring.
- 5.3.2 1 action and 1 limit level exceedances were recorded in this reporting period. Both of exceedances were likely attributed to external sources and not project related. The summary of exceedance is presented in [Appendix 6.2](#).
- 5.3.3 Water quality monitoring results measured in this reporting period are reviewed and summarized. Details of water quality monitoring results and graphical presentation can be referred in [Appendix 5.4](#).

5.4 Waste Management

- 5.4.1 The quantities of waste for disposal in the Reporting Period are summarized in [Table 5.1](#) and [Table 5.2](#). The Monthly Summary Waste Flow Table is shown in [Appendix 5.5](#). Whenever possible, materials were reused on-site as far as practicable.

Table 5.1 Summary of Quantities of Inert C&D Materials

| Waste Type | Hard Rock and Large Broken Concrete (Inert) (in '000m3) | Reused in this Contract (Inert) (in '000m3) | Reused in other Projects (Inert) (in '000m3) | Disposal as Public Fill (Inert) (in '000m3) |
|--|---|---|--|---|
| Quantity (this month) | 0.000 | 0.000 | 0.000 | 1.488 |
| Quantity (Project commencement to the end of last month) | 0.000 | 13.679 | 30.189 | 124.689 |
| Cumulative Quantity-to-Date | 0.000 | 13.679 | 30.189 | 126.231 |
| Disposal Location | Nil | Nil | Nil | TKO137 |

Table 5.2 Summary of Quantities of C&D Wastes

| Waste Type | Metals (in '000kg) | Paper / Cardboard Packing (in '000kg) | Plastics (in '000kg) | Chemical Wastes (in '000kg) | General Refuses (in '000m3) |
|--|--------------------|---------------------------------------|----------------------------|-----------------------------|-----------------------------|
| Quantity (this month) | 0.000 | 0.000 | 0.000 | 0.000 | 0.050 |
| Quantity (Project commencement to the end of last month) | 0.090 | 2.739 | 25.434 | 0.197 | 4.772 |
| Cumulative Quantity-to-Date | 0.090 | 2.739 | 25.434 | 0.197 | 4.863 |
| Disposal Location | Nil | Nil | waste recycle was arranged | Nil | SENT |

6. Compliance Audit

- 6.0.1. The Event Action Plan for construction noise, air quality and water quality are presented in [Appendix 6.1.](#)
- 6.0.2. The summary of exceedance is presented in [Appendix 6.2.](#)

6.1 Noise Monitoring.

- 6.1.1 [No action or limit level exceedance was recorded in this reporting period.](#)

6.2 Air Quality Monitoring

- 6.2.1 [No action or limit level exceedance was recorded in this reporting period.](#)

6.3 Water Quality Monitoring

- 6.3.1 [1 action and 1 limit level exceedances were recorded in this reporting period. Both of exceedances were likely attributed to external sources and not project related. The summary of exceedance is presented in Appendix 6.2.](#)

6.4 Review of the Reasons for and the Implications of Non-compliance

- 6.4.1 [No environmental non-compliance was recorded in the reporting month.](#)

6.5 Summary of follow-up action on non-compliance

- 6.5.1 [There was no particular follow-up action taken and recorded in the reporting period.](#)

7. Environmental Site Audit

- 7.0.1. Within this reporting month, weekly environmental site audits were conducted on 8, 15, 22 and 29 May 2026. IEC attended the joint site inspection on 8 May 2026.
- 7.0.2. No non-compliance was found during the site inspection while reminders and observations on environmental measures were recommended and recorded. Results and findings of these inspections in this reporting month are listed below in **Table 7.1**.

Table 7.1 Summary of Environmental Inspections

| Date | Reminder(s) | Action taken by Contractor | Outcome |
|-------------|---|--|---------------------------------|
| 8 May 2026 | Contractor was reminded to implement mitigation measures (e.g. sandbag bunds and perimeter cut-off drainage system) to prevent the discharge of surface runoff onto public roads and into public drainage system. | Site runoff was intercepted by sandbags bund and diverted to Wetsep for treatment prior to discharge. | Item was rectified in May 2026. |
| 15 May 2026 | Contractor was reminded the designated discharge point should be protected by bunding to prevent direct discharge of surface runoff into the drain during raining. | The designated discharge point has been protected by sandbags bund to prevent site runoff from flowing inside. | Item was rectified in May 2026. |
| 22 May 2026 | No reminder and/or observation was identified. | Nil. | Nil. |
| 29 May 2026 | Contractor was reminded to provide dust suppression measures to the exposed site area. | Water spraying was provided to the exposed site area to suppress dust emission. | Item was rectified in May 2026. |

- 7.0.3. Within this reporting month, biweekly landscape site audits were conducted on 15 and 29 May 2026.
- 7.0.4. No non-compliance was found during the landscape site inspection. Results and findings of these inspections in this reporting month are listed below in **Table 7.2**.

Table 7.2 Summary of Landscape site inspections

| Date | Reminder(s)/ Observation(s) | Action taken by Contractor | Outcome |
|------|-----------------------------|----------------------------|---------|
| - | - | - | - |

8. Complaints, Notification of Summons and Prosecution

8.0.1. No documented environmental complaint was reported in the reporting month.

8.0.2. The cumulative complaint log and updated summary of complaints are presented in [Appendix 8.1](#).

8.0.3. Cumulative statistic on complaints and successful prosecutions are summarized in **Table 8.1** and **Table 8.2** respectively.

Table 8.1 Cumulative Statistics on Complaints

| Reporting Period | No. of Complaints |
|------------------|-------------------|
| May 2026 | 0 |
| Total | 60 |

Table 8.2 Cumulative Statistics on Successful Prosecutions

| Environmental Parameters | Cumulative No. Brought Forward | No. of Successful Prosecutions this month (Offence Date) | Cumulative No. Project-to-Date |
|--------------------------|--------------------------------|--|--------------------------------|
| Air | - | 0 | 0 |
| Noise | - | 0 | 0 |
| Water | - | 0 | 0 |
| Waste | - | 0 | 0 |
| Total | - | 0 | 0 |

8.0.4. QPME was observed on site at the slope of Lin Tak Road at RIW3. The contractor was recommended to review the implementation of QPMEs from time to time on site especially at the slope of Lin Tak Road at RIW3 and considering using quieter PMEs whenever possible. Details of QPMEs are as shown in **Table 8.4**.

Table 8.4 QPME used for construction works

| Type of construction equipment | Brand | Model no. | QPME ID | SWL [dB(A)] |
|--------------------------------|--------|-------------|-----------------|-------------|
| Generator | AIRMAN | SDG125S-3B1 | QPME, EPD-14680 | 92 |

9. Conclusion

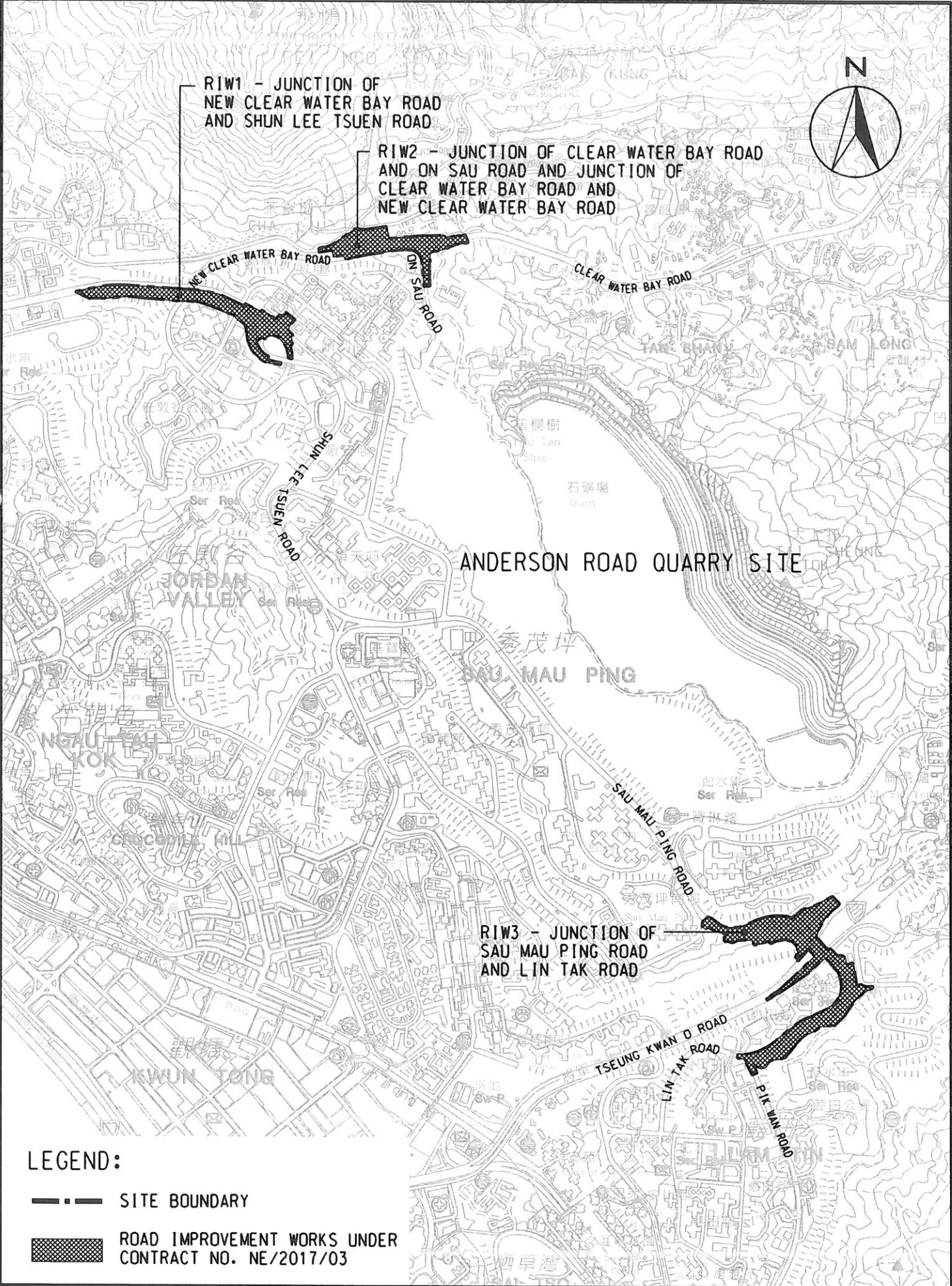
- 9.0.1. The EM&A programme was carried out in accordance with the EM&A Manual requirements, minor alterations to the programme proposed were made in response to changing circumstances.
- 9.0.2. The performance of the environmental management system of the previous three months (quarter) was generally satisfied. Mitigation measures according to the environmental mitigation implementation schedule and the EIA were generally implemented by the Contractor. Hence, the EM&A programme was considered effective and shall be maintained.
- 9.0.3. The scheduled construction activities and the recommended mitigation measures for the coming 2 months are listed in **Table 9.1**. The construction programmes of the Project are provided in [Appendix 9.1](#).

Table 9.1 Construction Activities and Recommended Mitigation Measures in Coming Reporting 2 Months

| Key Construction Works | Recommended Mitigation Measures |
|--|--|
| <ul style="list-style-type: none"> • Reinstatement works at Slope C2 are in-progress. • Road works along CT6 and FE1 “a” side. • Erection of Noise barrier steel frame FE1. • ELS works at CT5 and FE1 b1 & b2. • ELS works and RC works at PC1 to PC4. • Drainage works at PC5 to PC6. • Reinstatement works at Slope C3 are in-progress. • Watermain works at F1-3 in progress. • Utilities diversion works and ELS works at Bridge F1 Abutment A. • Rock excavation using drill & split method, drainage works and road works at Slope D3 / Lin Tak Road are in-progress. • Installation of soil nail works, and slope works at Slope D4 are in-progress. • Construction of sub-structure works for Bridge F1 pier F1-1 & F1-2. | <ul style="list-style-type: none"> • To minimize the dust impact to the surrounding ASRs, dust suppression measures stipulated in the Air Pollution Control (Construction Dust) Regulation should be incorporated to control dust emission from the site; • To reduce the noise impacts at the affected NSRs during normal daytime working hours, mitigation measures such as adopting quiet PME and construction noise barriers are recommended. • To alleviate the construction noise impact on the affected NSRs, construction noise barriers or enclosures would be erected to provide screening from the construction plant. • Surface run-off from construction sites should be discharged into storm drains via adequately designed sand/silt removal facilities such as sand traps, silt traps and sedimentation basins. • Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly, at the onset of and after each rainstorm to prevent local flooding. |

Figure 2.1

Project Layout



LEGEND:

- SITE BOUNDARY
- ▨ ROAD IMPROVEMENT WORKS UNDER CONTRACT NO. NE/2017/03

GENERAL LAYOUT PLAN OF
ROAD IMPROVEMENT WORKS
UNDER CONTRACT NO. NE/2017/03

Figure 2.1
Project Layout

Figure 2.2

Project Organization Chart

Project Organization Chart

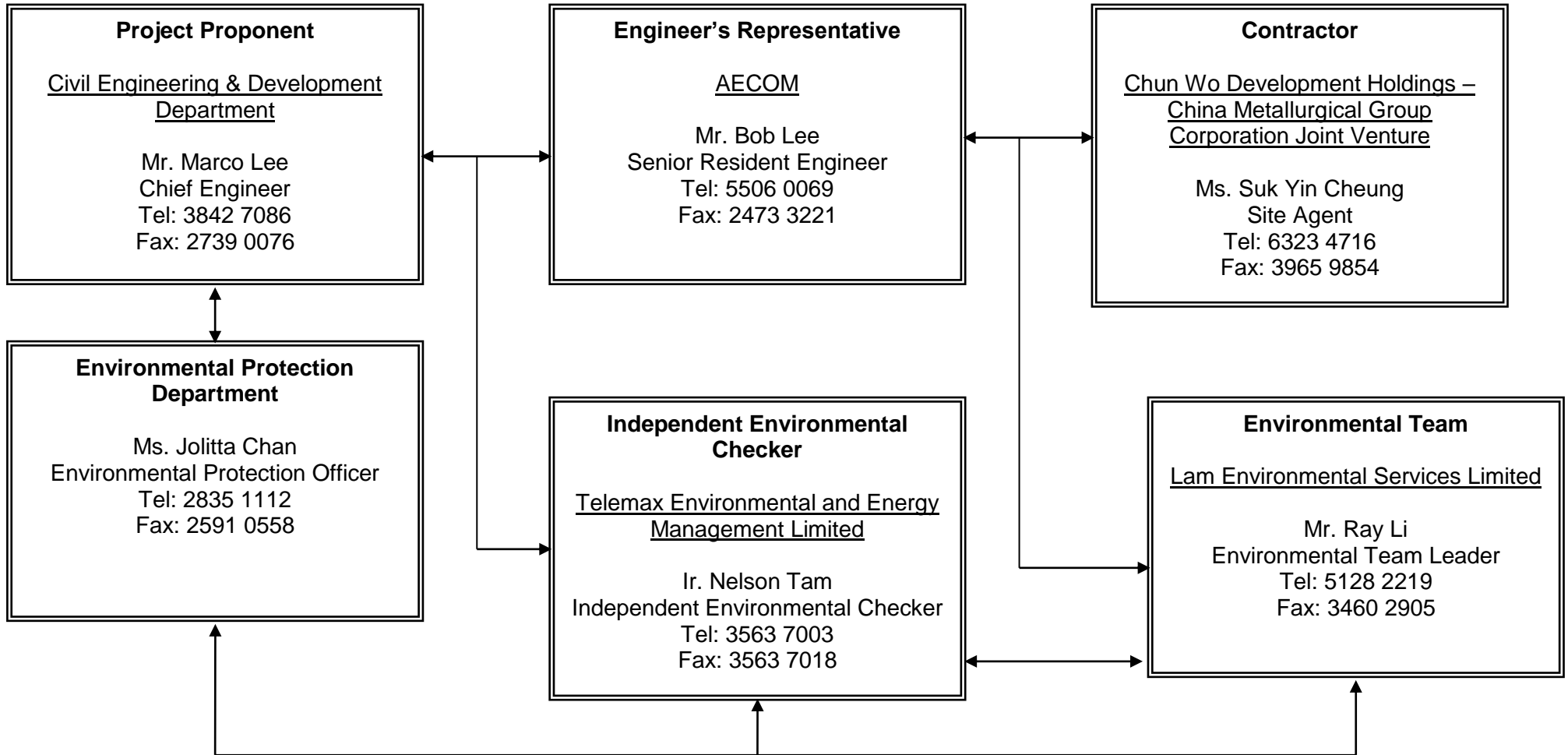
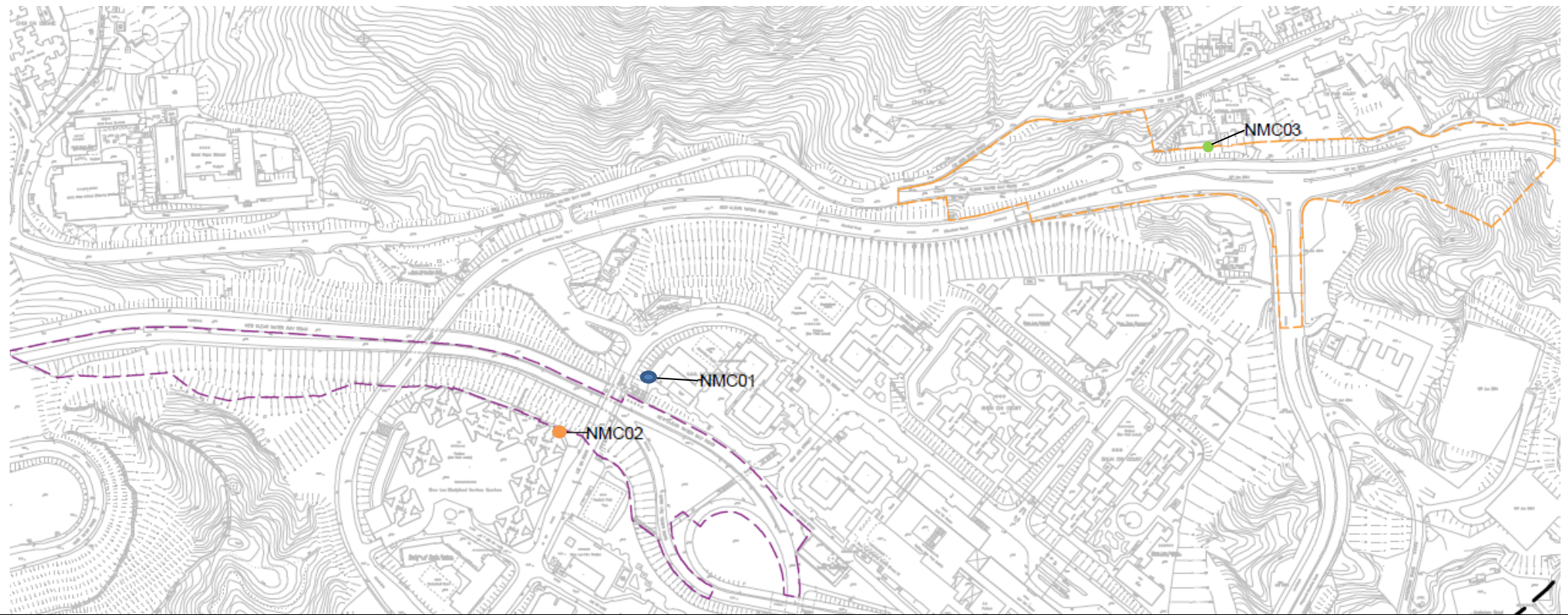


Figure 2.2

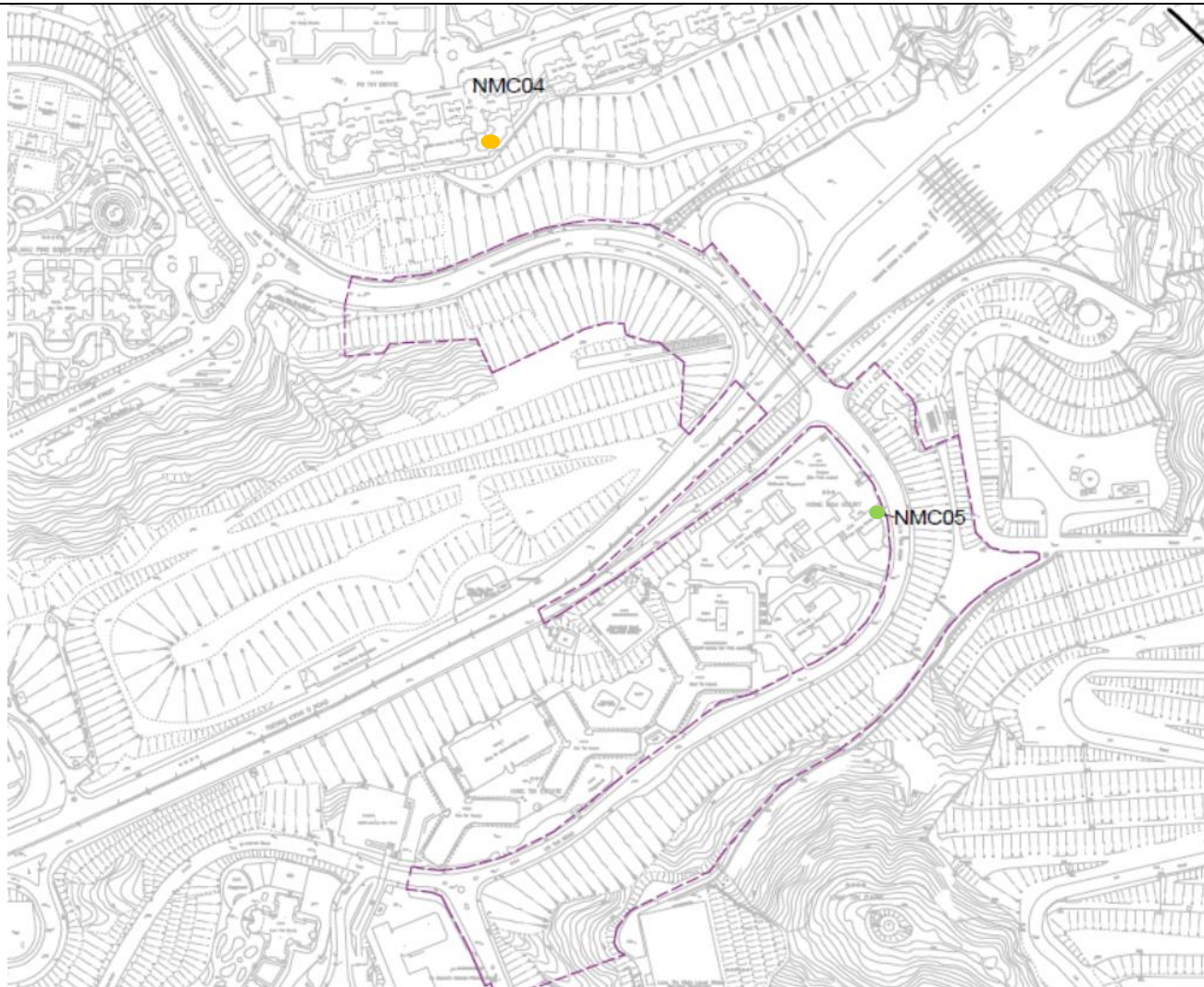
Figure 4.1 to Figure 4.6

Locations of Monitoring Stations



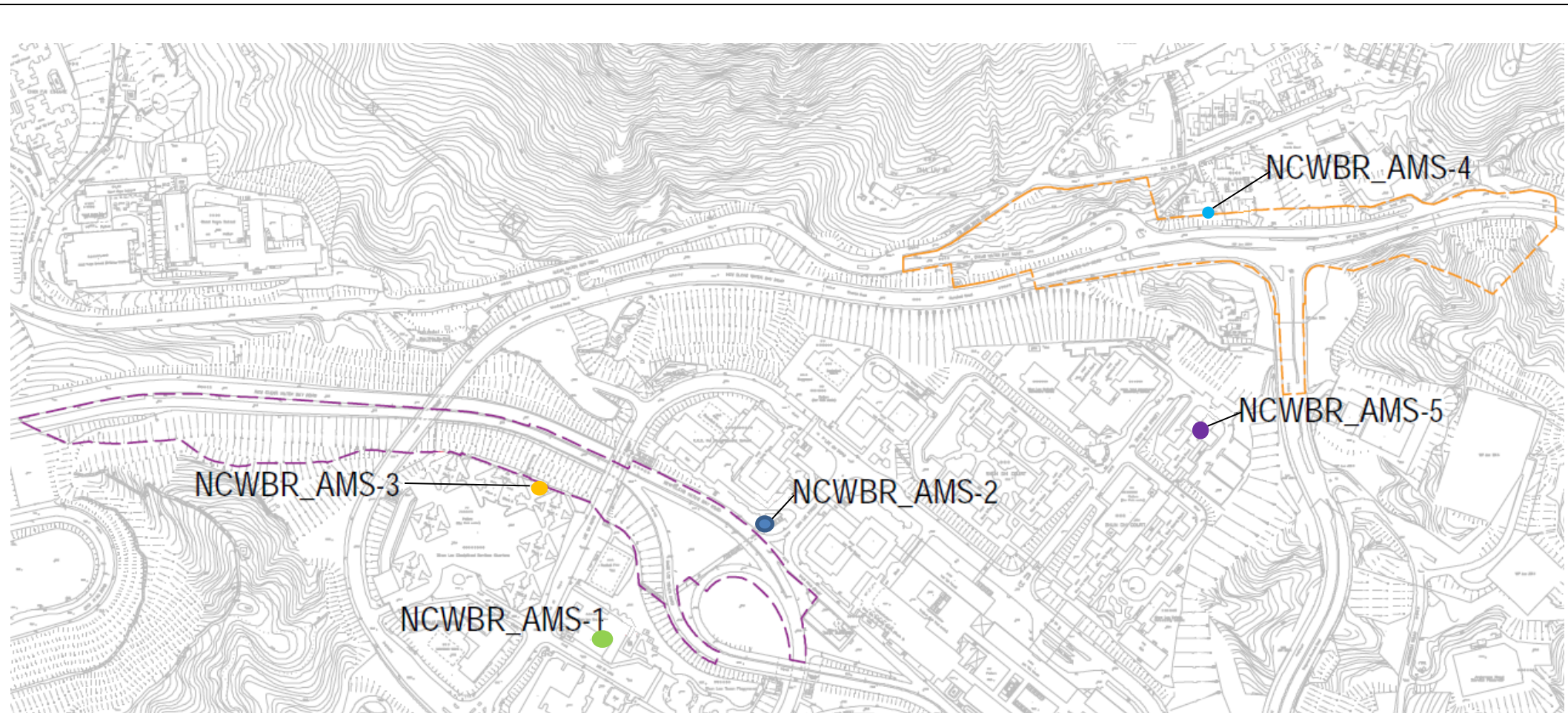
| Monitoring Location ID | Description |
|--|--|
| <i>Noise Monitoring Station (Construction Phase)</i> | |
| NMC01 | Kei Shun Special School |
| NMC02 | Shun Lee Disciplined Services Quarters Block 6 |
| NMC03 | Sienna Garden Block 6 |

Figure 4.1
 Location of Noise Monitoring Station
 (Construction Phase)
 (for Road Improvement Work 1 & 2)



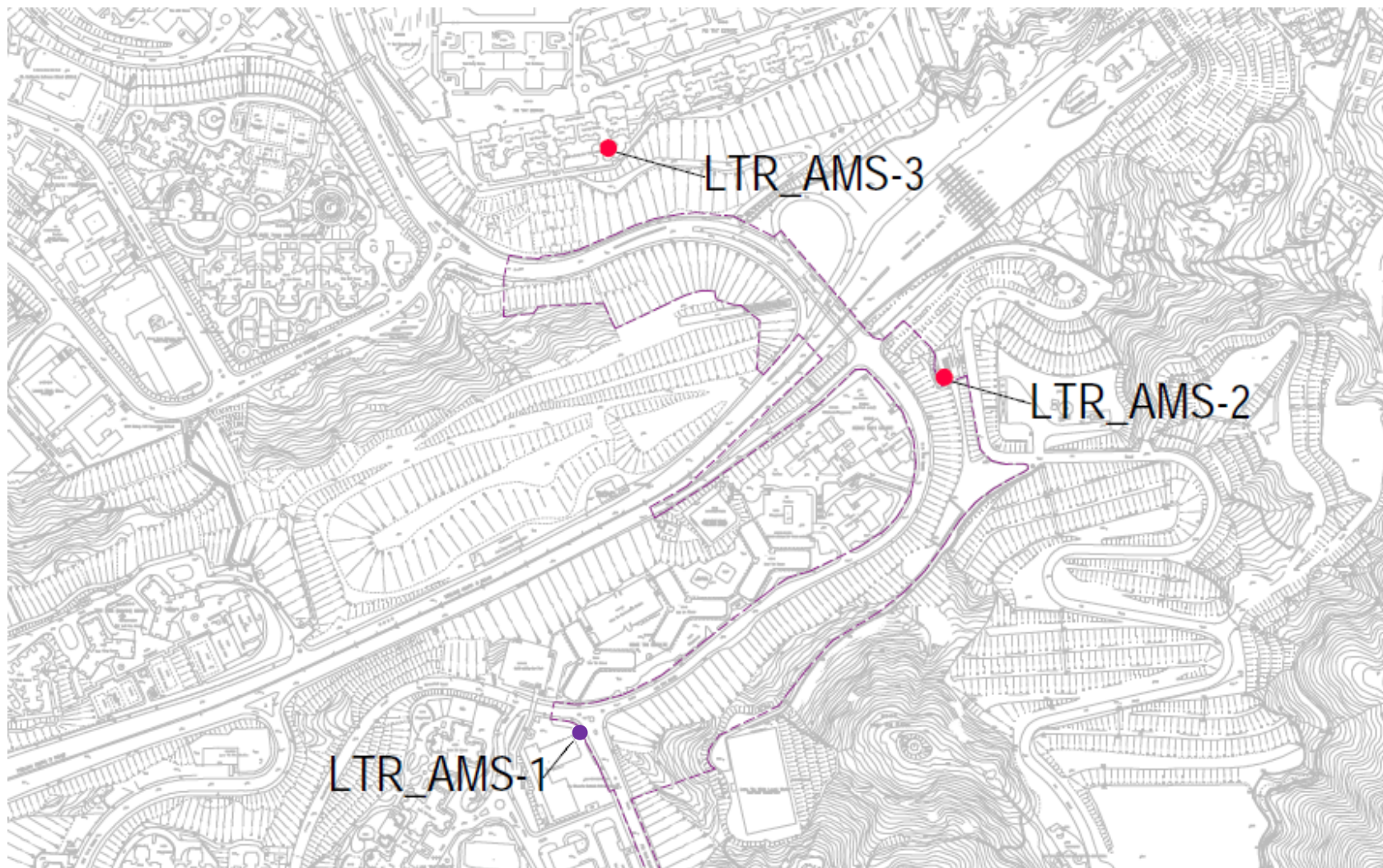
| Monitoring Location ID | Description |
|------------------------|---------------------------------------|
| NMC04 | Po Tat Estate Tat Kai House |
| NMC05 | Hong Wah Court Block B Yee Hong House |

Figure 4.2
Location of Noise Monitoring Station
(Construction Phase)
(for Road Improvement Work 3)



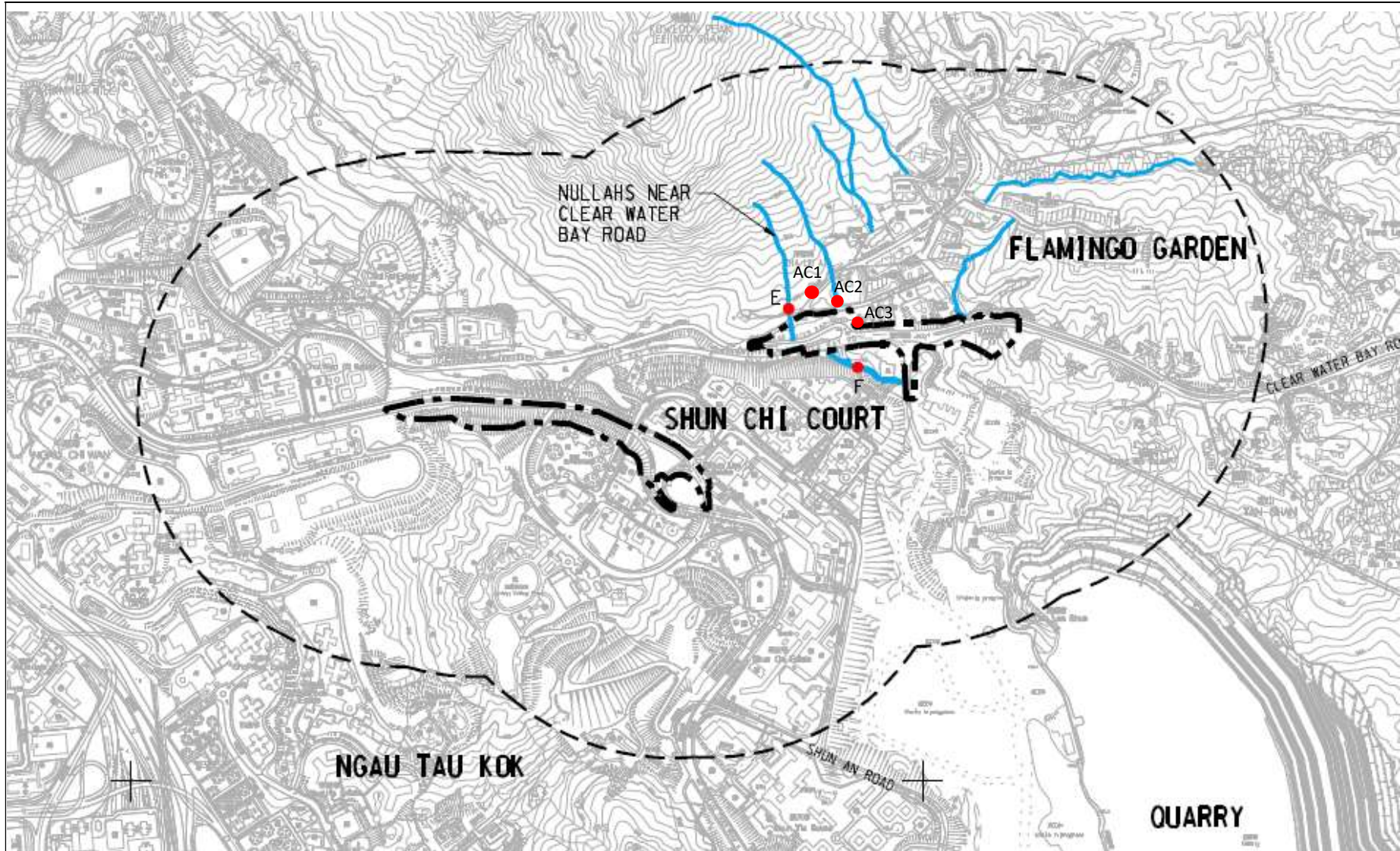
| Monitoring Station ID | EIA ID | Location |
|-----------------------|---------|--|
| NCWBR RIW | | |
| NCWBR_AMS-1 | ASLF-1 | Shun Lee Fire Station |
| NCWBR_AMS-2 | ASLE-21 | Shun Lee Estate Lee Hang House |
| NCWBR_AMS-3 | ASLD-10 | Shun Lee Disciplined Services Quarters (Block 6) |
| NCWBR_AMS-4 | AFNS-3 | Sienna Garden |
| NCWBR_AMS-5 | ASCC-05 | Shun Chi Court Shun Fung House |

Figure 4.3
Location of Air Quality Monitoring Station
(for Road Improvement Work 1 & 2)



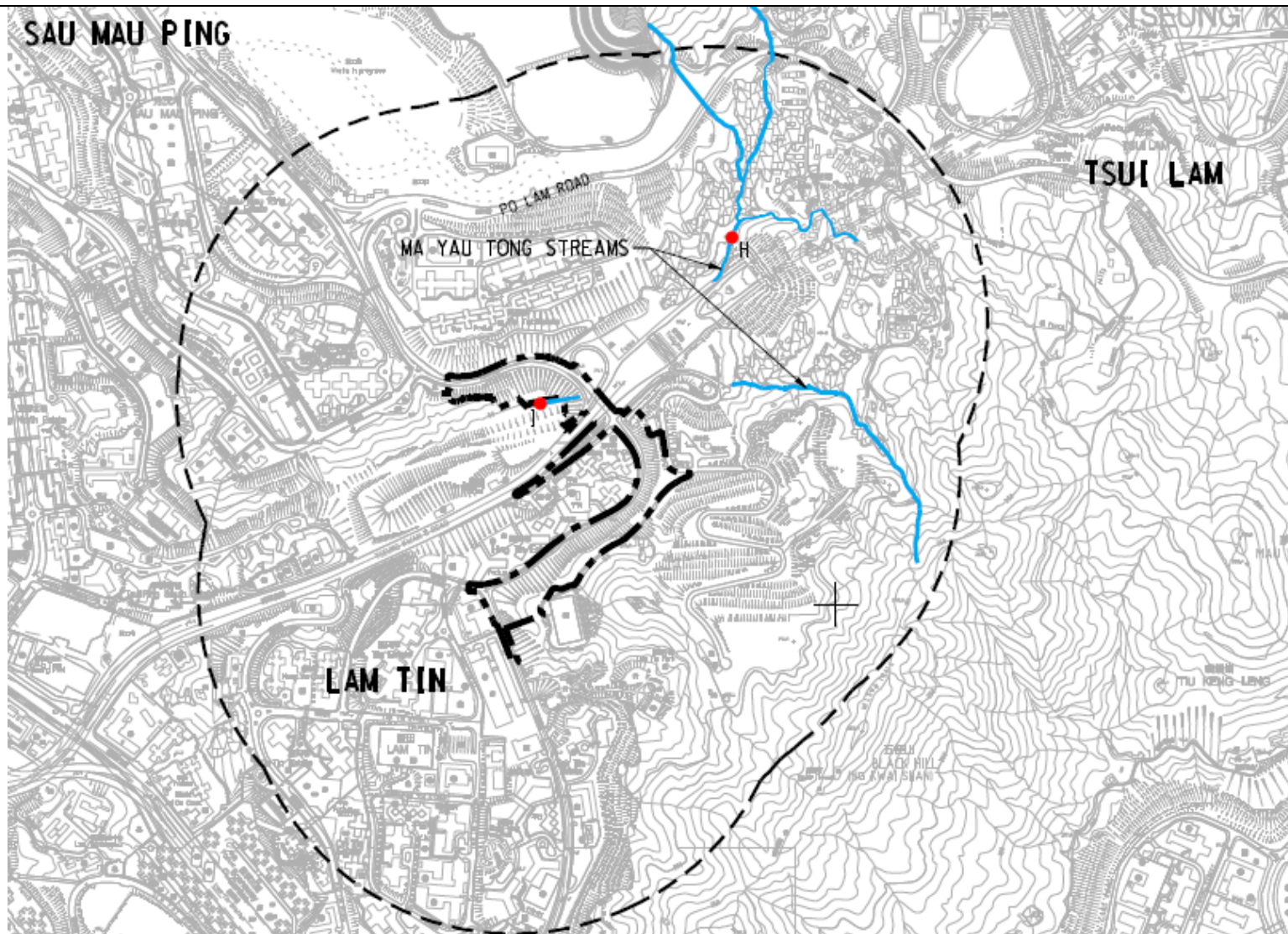
| Monitoring Station ID | EIA ID | Location |
|-----------------------|---------|---|
| LTR RIW | | |
| LTR_AMS-1 | ASECP-2 | St Edward's Catholic Primary School |
| LTR_AMS-2 | AEPD-01 | Environmental Protection Department's Restored Landfill Site Office |
| LTR_AMS-3 | APTE-14 | Po Tat Estate Tat Kai House |

Figure 4.4
Location of Air Quality Monitoring Station
(for Road Improvement Work 3)



| Inland Water | Stations | Description |
|--|----------|----------------------------|
| Channelized nullah across the Project site | E | Upstream Control Station |
| | F | Downstream Impact Station |
| | AC1 | Upstream Reference Station |
| | AC2 | Upstream Reference Station |
| | AC3 | Upstream Reference Station |

Figure 4.5
Location of Water Quality Monitoring Station
(for Road Improvement Work 1 & 2)



| Inland Water | Stations | Description |
|--------------------|----------|---------------------------|
| Ma Yau Tong Stream | H | Upstream Control Station |
| | I | Downstream Impact Station |

Figure 4.6
Location of Water Quality Monitoring Station
(for Road Improvement Work 3)

Appendix 3.1

Environmental Mitigation Implementation Schedule

APPENDIX C - IMPLEMENTATION SCHEDULE OF MITIGATION MEASURES

Introduction

This chapter presents the implementation schedule of mitigation measures for the Project. **Table C.1** summarizes the details of the recommended mitigation measures for all works areas. For each recommended mitigation measure, both the location and timing for the mitigation measures have clearly been identified as well as the parties responsible for implementing the mitigation measures and for maintenance (where applicable).

Table C.1 Implementation Schedule of Mitigation Measures

| EIA Ref. | Recommended Mitigation Measures | Location of the Measures | Implementation Agent | Implementation Stage ⁽¹⁾ | | | | Relevant Legislation and Guidelines |
|--|---|--------------------------|----------------------|-------------------------------------|---|---|-----|--|
| | | | | Des | C | O | Dec | |
| Air Quality Impact (Construction Phase) | | | | | | | | |
| 4.7.1 | Hourly watering with intensity of 0.0455 L/m ² (tentatively) on the active construction area so as to achieve a dust removal efficiency of 87.5%. | Active works areas | CEDD/Contractor | | ✓ | | | EIAO-TM, AQOs |
| 4.7.2 | <ul style="list-style-type: none"> • To minimize the dust impact to the surrounding ASRs, dust suppression measures stipulated in the Air Pollution Control (Construction Dust) Regulation should be incorporated to control dust emission from the site. Major control measures relevant to this Project are listed below, and they are recommended to be included in relevant contract documents. - Any excavated or stockpile of dusty material should be 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; - Any dusty material remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads; - A stockpile of dusty material should not extend beyond the pedestrian barriers, fencing or traffic cones; - The load of dusty materials on a vehicles leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak form the vehicle; | All works areas | CEDD/Contractor | | ✓ | | | Air Pollution Control (Construction Dust) Regulation |

| EIA Ref. | Recommended Mitigation Measures | Location of the Measures | Implementation Agent | Implementation Stage ⁽¹⁾ | | | | Relevant Legislation and Guidelines |
|----------|--|--------------------------|----------------------|-------------------------------------|---|---|-----|-------------------------------------|
| | | | | Des | C | O | Dec | |
| | <ul style="list-style-type: none"> - Where practicable, vehicles washing facilities including a high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores; - When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period; - The portion of any road leading only to construction site that is within 30m of a vehicle entrance or exit should be kept clear of dusty materials; - Surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation takes place should be sprayed with water or a dust suppression chemical continuously; - Any area that involves demolition activities should be 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; - Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground floor level of the building, or a canopy should be provided from the first floor level up to the highest level of the scaffolding; - Any skip hoist for material transport should be totally enclosed by impervious sheeting; - Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the three sides; | | | | | | | |

| EIA Ref. | Recommended Mitigation Measures | Location of the Measures | Implementation Agent | Implementation Stage ⁽¹⁾ | | | | Relevant Legislation and Guidelines |
|---|--|--------------------------|----------------------|-------------------------------------|---|---|-----|-------------------------------------|
| | | | | Des | C | O | Dec | |
| | <ul style="list-style-type: none"> - Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed; and - Exposed earth should be properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shortcrete or other suitable surface stabiliser within six months after the last construction activity on the construction site or part of the construction site where the exposed earth lies. | | | | | | | |
| Air Quality Impact (Operational Phase) | | | | | | | | |
| N/A | N/A | N/A | N/A | | | | | N/A |
| Noise Impact (Construction Phase) | | | | | | | | |
| 5.8.1 – 5.8.4 | <u>Adoption of Quiet PMEs</u> <ul style="list-style-type: none"> • To reduce the noise impacts at the affected NSRs during normal daytime working hours, mitigation measures such as adopting quiet PME and construction noise barriers are recommended. <u>Construction Noise Barriers</u> <ul style="list-style-type: none"> • To alleviate the construction noise impact on the affected NSRs, construction noise barriers or enclosures would be erected to provide screening from the construction plant. | All works areas | CEDD/Contractor | | ✓ | | | EIAO-TM |
| Noise Impact (Operational Phase) | | | | | | | | |
| 5.8.5 | Direct mitigation measures in the form of Vertical Noise Barriers, Cantilevered Noise Barriers, Semi-Enclosures and Full Enclosures are proposed on the Project Roads such that the noise level would be reduced to fulfil the EIAO requirements for RIW sites at: <ul style="list-style-type: none"> • Sau Mau Ping Road and Lin Tak Road, • J/O Clear Water Bay Road and On Sau Road and • New Clear Water Bay Road and Shun Lee Tsuen Road | Project roads | CEDD/Contractor | | | ✓ | | EIAO-TM |

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| Water Quality Impact (Construction Phase) | | | | | | | | |
| 6.9.1 - 6.9.13 | <p><u>Construction Site Run-off and General Construction Activities</u></p> <p><i>Boring and Drilling Water</i></p> <ul style="list-style-type: none"> Water used in ground boring and drilling for site investigation or rock / soil anchoring should as far as practicable be re-circulated after sedimentation. When there is a need for final disposal, the wastewater should be discharged into storm drains via silt removal facilities. <p><i>Wheel Washing Water</i></p> <ul style="list-style-type: none"> All vehicles and plant should be cleaned before they leave a construction site to minimize the deposition of earth, mud, debris on roads. A wheel washing bay should be provided at every site exit if practicable and wash-water should have sand and silt settled out or removed before discharging into storm drains. The section of construction road between the wheel washing bay and the public road should be paved with backfill to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains. <p><i>Rubbish and Litter</i></p> <ul style="list-style-type: none"> Good site practices should be adopted to remove rubbish and litter from construction sites so as to prevent the rubbish and litter from spreading from the site area. It is recommended to clean the construction sites on a regular basis. <p><i>Construction Site Run-off</i></p> <ul style="list-style-type: none"> The site practices outlined in ProPECC PN 1/94 "Construction Site Drainage" should be followed as far as practicable to minimise surface run-off and the chance of erosion. The following measures are recommended to protect water quality and sensitive uses of the coastal area, and when properly implemented should be sufficient to adequately control site discharges so as to avoid water quality impact. Surface run-off from construction sites should be discharged into storm drains via adequately designed sand/silt removal facilities | All works areas | CEDD/Contractor | | ✓ | | | <p>ProPECC PN 1/94 Construction Site Drainage</p> <p>TM-DSS</p> <p>Water Pollution Control Ordinance</p> |

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| | <p>such as sand traps, silt traps and sedimentation basins. Channels or earth bunds or sand bag barriers should be provided on site to properly direct stormwater to such silt removal facilities. Perimeter channels at site boundaries should be provided on site boundaries where necessary to intercept storm run-off from outside the site so that it will not wash across the site. Catchpits and perimeter channels should be constructed in advance of site formation works and earthworks.</p> <ul style="list-style-type: none"> • Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly, at the onset of and after each rainstorm to prevent local flooding. Any practical options for the diversion and re-alignment of drainage should comply with both engineering and environmental requirements in order to provide adequate hydraulic capacity of all drains. Minimum distance of 100m should be maintained between the discharge points of construction site run-off and the existing saltwater intakes. No effluent will be discharged into typhoon shelter. • Construction works should be programmed to minimize soil excavation works in rainy seasons (April to September). If excavation in soil cannot be avoided in these months or at any time of year when rainstorms are likely, for the purpose of preventing soil erosion, temporary exposed slope surfaces should be covered e.g. by tarpaulin, and temporary access roads should be protected by crushed stone or gravel, as excavation proceeds. Intercepting channels should be provided (e.g. along the crest / edge of excavation) to prevent storm runoff from washing across exposed soil surfaces. Arrangements should always be in place in such a way that adequate surface protection measures can be safely carried out well before the arrival of a rainstorm. • Earthworks final surfaces should be well compacted and the subsequent permanent work or surface protection should be carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms. Appropriate drainage like intercepting channels should be provided where necessary. • Measures should be taken to minimize the ingress of rainwater into trenches. If excavation of trenches in wet seasons is necessary, they should be dug and backfilled in short sections. Rainwater | | | | | | | |

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| | <p>pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities.</p> <ul style="list-style-type: none"> Construction materials (e.g. aggregates, sand and fill material) on sites should be covered with tarpaulin or similar fabric during rainstorms. Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage system, and to prevent storm run-off from getting into foul sewers. Discharge of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system. Good site practices should be adopted to remove rubbish and litter from construction sites so as to prevent the rubbish and litter from spreading from the site area. It is recommended to clean the construction sites on a regular basis. <p><i>Site Effluent</i></p> <ul style="list-style-type: none"> There is a need to apply to EPD for a discharge licence for discharge of effluent from the construction site under the WPCO. The discharge quality must meet the requirements specified in the discharge licence. All the runoff and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the TM-DSS. The beneficial uses of the treated effluent for other on-site activities such as dust suppression, wheel washing and general cleaning etc., can minimise water consumption and reduce the effluent discharge volume. If monitoring of the treated effluent quality from the works areas is required during the construction phase of the Project, the monitoring should be carried out in accordance with the relevant WPCO licence which is under the ambit of regional office (RO) of EPD. | | | | | | | |
| 6.9.14 - 6.9.16 | <p><u>Accidental Spillage and Potential Contamination of Surface Water and Groundwater</u></p> <ul style="list-style-type: none"> Contractor must register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations | All works areas | CEDD/Contractor | | ✓ | | | <p>Waste Disposal Ordinance</p> <p>Waste Disposal (Chemical Waste)</p> |

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| | <p>in particular the Waste Disposal (Chemical Waste) (General) Regulation, should be observed and complied with for control of chemical wastes.</p> <ul style="list-style-type: none"> Any service shop and maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges. Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows: <ul style="list-style-type: none"> Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport; Chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents; and Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area. | | | | | | | <p>(General) Regulation</p> <p>The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes</p> |
| 6.9.17 - 6.9.18 | <p><u>Sewage Effluent from Construction Workforce</u></p> <ul style="list-style-type: none"> The construction workforce on site will generate sewage. It is recommended to provide sufficient chemical toilets in the works areas. A licensed waste collector should be deployed to clean the chemical toilets on a regular basis. Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the surrounding environment. Regular environmental audit of the construction site will provide an effective control of any malpractices and can encourage continual improvement of environmental performance on site. It is anticipated that sewage generation during the construction phase of the project would not cause water | All works areas | CEDD/Contractor | | ✓ | | | Water Pollution Control Ordinance |

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| | pollution problem after undertaking all required measures. | | | | | | | |
| 6.9.19 | <p><u>Construction Works in Close Proximity of Inland Waters</u></p> <ul style="list-style-type: none"> The practices outlined in ETWB TC (Works) No. 5/2005 "Protection of natural streams/rivers from adverse impacts arising from construction works" should also be adopted where applicable to minimize the water quality impacts upon any natural streams or surface water systems. Relevant mitigation measures from the ETWB TC (Works) No. 5/2005 are listed below: <ul style="list-style-type: none"> Construction works close to the inland waters should be carried out in dry season as far as practicable where the flow in the surface channel or stream is low. The use of less or smaller construction plants may be specified in areas close to the water courses to reduce the disturbance to the surface water. Temporary storage of materials (e.g. equipment, chemicals and fuel) and temporary stockpile of construction materials should be located well away from any water courses during carrying out of the construction works. Stockpiling of construction materials and dusty materials should be covered and located away from any water courses. Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nearby water receivers. Proper shoring may need to be erected in order to prevent soil or mud from slipping into the watercourses. | All works areas | CEDD/Contractor | | ✓ | | | Water Pollution Control Ordinance |
| Water Quality Impact (Operational Phase) | | | | | | | | |
| 6.9.20 - 6.9.23 | <ul style="list-style-type: none"> Best Management Practices (BMPs) to reduce storm water and non-point source pollution have been proposed for the RIW as follows: <p><i>Design Measures</i></p> <ul style="list-style-type: none"> Exposed surface shall be avoided within the RIW sites to minimize soil erosion. The development site shall be either hard paved or | All works areas | CEDD/HyD | ✓ | | ✓ | | Water Pollution Control Ordinance |

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| | <p>covered by landscaping area where appropriate.</p> <ul style="list-style-type: none"> The streams and channelized nullahs near the RIW sites will be retained to maintain the original flow path. The drainage system will be designed to avoid flooding. Green areas / tree / shrub planting etc. will be introduced along roadside amenity strips and central dividers as far as possible, which can help to reduce soil erosion. Evergreen trees species, which in general generate relatively smaller amount of fallen leaves, should be selected where possible. <p><i>Devices/ Facilities to Control Pollution</i></p> <ul style="list-style-type: none"> Screening facilities such as standard gully grating and trash grille, with spacing which is capable of screening off large substances such as fallen leaves and rubbish should be provided at the inlet of drainage system. Road gullies with standard design and silt traps and oil interceptors should be incorporated during the detailed design to remove particles present in stormwater runoff, where appropriate. <p><i>Administrative Measures</i></p> <ul style="list-style-type: none"> Good management measures such as regular cleaning and sweeping of road surface/ open areas are suggested. The road surface/ open area cleaning should also be carried out prior to occurrence rainstorm. Manholes, as well as stormwater gullies, ditches provided at the Project sites should be regularly inspected and cleaned (e.g. monthly). Additional inspection and cleansing should be carried out before forecast heavy rainfall. | | | | | | | |
| Waste Management Implication (Construction Phase) | | | | | | | | |
| 7.6.1 – 7.6.3 | <p><u>Good Site Practices</u></p> <ul style="list-style-type: none"> Appropriate waste handling, transportation and disposal methods for all waste arising generated during the construction works for the Project should be implemented to ensure that construction wastes do not enter the nearby streams or drainage channel. It is anticipated that adverse impacts would not arise on the | All works areas | CEDD/Contractor | | ✓ | | | <p>Waste Disposal Ordinance</p> <p>DEVB TCW No. 6/2010, ETWB TCW No. 19/2005</p> |

| EIA Ref. | Recommended Mitigation Measures | Location of the Measures | Implementation Agent | Implementation Stage ⁽¹⁾ | | | | Relevant Legislation and Guidelines |
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| | <p>construction site, provided that good site practices are strictly followed. Recommendations for good site practices during the construction activities include:</p> <ul style="list-style-type: none"> - Nomination of approved personnel, such as a site manager, to be responsible for good site practices, and making arrangements for collection of all wastes generated at the site and effective disposal to an appropriate facility. - Training of site personnel in proper waste management and chemical waste handling procedures. - Provision of sufficient waste reception/ disposal points, of a suitable vermin-proof design that minimises windblown litter. - Arrangement for regular collection of waste for transport off-site and final disposal. - Appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers. - Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors. - A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be proposed. - A Waste Management Plan should be prepared and should be submitted to the Engineer for approval. One may make reference to <i>ETWB TCW No. 19/2005</i> for details. <ul style="list-style-type: none"> • In order to monitor the disposal of C&D materials at landfills and public filling areas, as appropriate, and to control fly tipping, a trip-ticket system should be included as one of the contractual requirements to be implemented by an Environmental Team undertaking the Environmental Monitoring and Audit work. One may take reference to <i>DEVB TCW No.6/2010</i> for details. | | | | | | | |
| 7.6.4 – 7.6.5 | <p><u>Waste Reduction Measures</u></p> <ul style="list-style-type: none"> • Good management and control of construction site activities/ | All works areas | CEDD/Contractor | ✓ | ✓ | | | Waste Disposal Ordinance |

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| | <p>processes can minimise the generation of waste. Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include:</p> <ul style="list-style-type: none"> - Segregate and store different types of construction related waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal. - Provide separate labelled bins to segregate recyclable waste such as aluminium cans from other general refuse generated by the work force, and to encourage collection by individual collectors. - Any unused chemicals or those with remaining functional capacity shall be recycled. - Maximising the use of reusable steel formwork to reduce the amount of C&D materials. - Prior to disposal of C&D waste, it is recommended that wood, steel and other metals shall be separated for re-use and / or recycling to minimise the quantity of waste to be disposed of to landfill. - Adopt proper storage and site practices to minimise the potential for damage to, or contamination of, construction materials. - Plan the delivery and stock of construction materials carefully to minimise the amount of waste generated. - Minimize over ordering of concrete, mortars and cement grout by doing careful check before ordering. <ul style="list-style-type: none"> • In addition to the above measures, other specific mitigation measures are recommended below to minimise environmental impacts during handling, transportation and disposal of wastes. | | | | | | | ETWB TCW No. 19/2005 |
| 7.6.6 – 7.6.8 | <p><u>Construction and Demolition Materials</u></p> <ul style="list-style-type: none"> • The C&D materials generated from site clearance, demolition of existing roads, slope excavation works, and construction of new | All works areas | CEDD/Contractor | | ✓ | | | Waste Disposal Ordinance Waste Disposal |

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| | <p>roads, retaining wall and piling works should be sorted on-site into inert C&D materials (that is, public fill) and C&D waste. To minimise the impact resulting from collection and transportation of C&D materials as far as practicable. C&D waste, such as wood, plastic, steel and other metals should be reused or recycled and, as a last resort, disposed to landfill. A suitable area should be designated within the site for temporary stockpiling of C&D materials and to facilitate the sorting process. Within the stockpile areas, the following measures should be taken to control potential environmental impacts or nuisance:</p> <ul style="list-style-type: none"> - Waste such as soil should be handled and stored well to ensure secure containment; - Covering material during heavy rainfall; - Stockpiling area should be provided with covers and water spraying system to prevent materials from wind-blown or being washed away; - Locating stockpiles to minimise potential visual impacts; and - Minimising land intake of stockpile areas as far as possible. <p><u>General Refuse</u></p> <ul style="list-style-type: none"> • General refuse should be stored in enclosed bins or compaction units separate from C&D materials. A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D materials. An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material. <p><u>Chemical Wastes</u></p> <ul style="list-style-type: none"> • If chemical wastes were to be produced at the construction site, the Contractor would be required to register with the EPD as a Chemical Waste Producer, and to follow the guidelines stated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the | | | | | | <p>(Chemical Waste) (General) Regulation</p> <p>Public Health and Municipal Services Ordinance (Cap. 132) - Public Cleansing and Prevention of Nuisances Regulation</p> <p>Land (Miscellaneous Provisions) Ordinance</p> <p>Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes</p> <p>Packaging, Labelling and Storage of Chemical Wastes</p> | |

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| | corresponding chemical characteristics of the waste such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor shall use a licensed collector to transport the chemical wastes. The licensed collector shall deliver the waste to the Chemical Waste Treatment Centre at Tsing Yi, or other licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation. | | | | | | | |
| Waste Management Implication (Operational Phase) | | | | | | | | |
| N/A | N/A | N/A | N/A | | | | | |
| Land Contamination (Construction Phase) | | | | | | | | |
| N/A | N/A | N/A | N/A | | | | | |
| Land Contamination (Operational Phase) | | | | | | | | |
| N/A | N/A | N/A | N/A | | | | | |
| Ecological Impact (Terrestrial) (Construction Phase) | | | | | | | | |
| 9.13.2-9.13.5 | <p>Measures to Avoid/ Minimize Impacts to Flora Species of Conservation Importance</p> <ul style="list-style-type: none"> Within the Project Site boundary, two flora species of conservation importance (Incense Tree and Luofushan Joint-fir) would be subject to direct impacts. A detailed vegetation survey should be conducted by a qualified ecologist / botanist within the Project Site boundary. A Transplantation Proposal should be prepared by a qualified ecologist / botanist with detailed findings of the vegetation survey (i.e. number and locations of the affected individuals, assessment of the suitability and / or practicality of the transplantation) and locations of receptor site(s), transplantation methodology, implementation programme of transplantation, post-transplantation monitoring and maintenance programme. The proposal should be submitted to and approved by AFCD prior to commencement of any works (including ground investigation. The approved transplantation works should be supervised by a qualified botanist / horticulturist / Certified Arborist with relevant experience in transplanting flora species of conservation importance. After transplantation, a 3-year monitoring and maintenance programme | All works areas | CEDD/Contractor | | ✓ | | | EIAO-TM |

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| | <p>of the transplanted species should be conducted to ensure the establishment of the transplanted trees.</p> <ul style="list-style-type: none"> Hoarding or fencing should be erected around the works areas during the construction phase to restrict access, to adjacent habitats supporting flora species of conservation importance, by site workers and to reduce human disturbance. | | | | | | | |
| 9.13.6-9.13.8 | <p>Measures to Avoid/ Minimize Habitat Loss to Woodland and Plantation</p> <ul style="list-style-type: none"> Habitat loss could be avoided in the first instance by retaining existing vegetation wherever possible, particularly mature and semi-mature trees present within the works areas. Any trees retained should be adequately protected during construction phase to promote their health and longevity. Areas which would be temporarily affected by construction activities (i.e. slope works) should be reinstated after completing the construction works. Hoarding or fencing should be erected around the works areas during construction phase to restrict access to natural habitats adjacent to works areas by site workers. | All works areas | CEDD/Contractor | ✓ | ✓ | | | EIAO-TM |
| 9.13.9-9.13.12 | <p>Measures to Minimise Disturbance from Construction Activities</p> <ul style="list-style-type: none"> Construction dust should be suppressed to avoid and minimize the dust covering leaves of plants that would affect their photosynthesis, and thus their health and growth: <ul style="list-style-type: none"> Regular spraying of haul roads. Proper storage of construction materials. Covering trucks or transporting wastes in enclosed containers to minimize windblown litter and dust during transportation of waste. Noise impact during construction phase should be avoided and minimized to reduce the disturbance to the habitats adjacent to the works areas: <ul style="list-style-type: none"> Machines and plant (e.g. trucks) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum. Machines and plants known to emit strong directional noise | All works areas | CEDD/Contractor | | ✓ | | | EIAO-TM |

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| | <p>should, wherever possible, be orientated so that the noise is directed away from the nearby habitats.</p> <ul style="list-style-type: none"> - Material stockpiles and other structures should be effectively utilized, wherever practicable, in screening noise from on-site construction activities. - Using Quiet Mechanical Plant (QMP) to limit noise emissions at source. - QMP and other machines and plants (e.g. air compressors, concrete pumps) should be covered by noise enclosure to further reduce noise impact. <ul style="list-style-type: none"> • Through night-time lighting control during construction phase, glare disturbance to wildlife would be controlled. | | | | | | | |
| 9.13.13 | <p>Measures to Minimise Pollution to Watercourses</p> <ul style="list-style-type: none"> • Good site practices should be adopted to avoid any pollution from entering the watercourses. Practices to minimize surface runoff and to reduce suspended solid levels should be undertaken. - Drainage arrangements should include sediment traps to collect and control construction run-off. - All works and storage area should be restricted to the site boundary. - General refuse and construction wastes should be collected and disposed of in a timely and appropriate manner. - Regular check of the construction boundary to avoid unmitigated impacts imposed on nearby watercourse. | All works areas | CEDD/Contractor | | ✓ | | | EIAO-TM |
| Ecological Impact (Terrestrial) (Operational Phase) | | | | | | | | |
| 9.13.14 | <p>Measures to Minimize Impacts from Noise Barriers</p> <ul style="list-style-type: none"> • During the operational phase, the road networks and associated noise barriers may result in bird collision and mortality. Mitigation measures such as use of tinted materials and superimposing dark patterns or strips on the barrier, as per EPD / Highways Department requirements would be employed to minimise incidents | All works areas | CEDD/Contractor | | | ✓ | | EIAO-TM |

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| | of mortality from collision. | | | | | | | |
| Landscape and Visual (Construction Phase) | | | | | | | | |
| 10.10.4 (Table 10.9) | All existing trees to be retained shall be carefully protected during construction. | All works areas | CEDD/Contractor | ✓ | ✓ | | | DEVB TC (W) No.10/2013 |
| 10.10.4 (Table 10.9) | Tree Transplantation Detailed transplanting proposal will be submitted to relevant government departments for approval in accordance with ETWB TCW No. 29/2004, DEVB TC (W) No.7/2015 and “ Guidelines on Tree Transplanting ”, GLTMS of DEVB. | All works areas | CEDD/Contractor | ✓ | ✓ | | | ETWB TCW No. 29/2004 DEVB TC (W) No.7/2015 Guidelines on Tree Transplanting, GLTMS of DEVB |
| 10.10.4 (Table 10.9) | Erection of decorative screen hoarding for reducing visual impacts | All works areas | CEDD/Contractor | | ✓ | | | EIAO-TM |
| 10.10.4 (Table 10.9) | Measures to avoid / minimize impacts to flora species of conservation importance. | All works areas | CEDD/Contractor | ✓ | ✓ | | | EIAO-TM |
| Landscape and Visual (Operational Phase) | | | | | | | | |
| 10.10.4 (Table 10.10) | Compensatory tree planting for loss of existing trees (Compensation for loss of road side amenity) | All works areas | Design and Construction Stage - CEDD Operational Stage – HyD/LCSD | ✓ | ✓ | ✓ | | DEVB TC (W) No.7/2015 GEO publication No. 1/2011 |
| 10.10.4 (Table 10.10) | Compensatory woodland planting | All works areas | Design and Construction Stage - CEDD Operational Stage – HyD/ArchSD | ✓ | ✓ | ✓ | | DEVB TC (W) No.7/2015 GEO publication No. 1/2011 |

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| 10.10.4 (Table 10.10) | Compensatory shrub mix planting | All works areas | Design and Construction Stage - CEDD Operational Stage – HyD | ✓ | ✓ | ✓ | | DEVB TC (W) No.7/2015 GEO publication No. 1/2011 |
| 10.10.4 (Table 10.10) | Hydro-seeding planting with shrub seed mix | All works areas | Design and Construction Stage - CEDD Operational Stage – HyD | ✓ | ✓ | ✓ | | DEVB TC (W) No.7/2015 GEO publication No. 1/2011 |
| 10.10.4 (Table 10.10) | Tall buffer advance screen tree / shrub / climber planting | All works areas | Design and Construction Stage - CEDD Operational Stage – HyD | ✓ | ✓ | ✓ | | DEVB TC (W) No.7/2015 GEO publication No. 1/2011 |
| 10.10.4 (Table 10.10) | Planting of road verges, central divider and around structures | All works areas | Design and Construction Stage - CEDD Operational Stage – HyD, LCSD | ✓ | ✓ | ✓ | | ETWB(W) No. 2/2004 Subject to ACABAS approval |
| 10.10.4 (Table 10.10) | Reinstate modified watercourse | All works areas | Design and Construction Stage - CEDD Operational Stage - DSD | ✓ | ✓ | ✓ | | EIAO-TM |
| 10.10.4 (Table 10.10) | Provision of visually pleasing aesthetic treatment on noise barriers (with climbers provided if space available) and enclosures | All works areas | Design and Construction Stage - CEDD Operational Stage - HyD | ✓ | ✓ | ✓ | | ETWB(W) No. 2/2004 Subject to ACABAS approval |
| 10.10.4 (Table 10.10) | Hard Landscape Treatment Carriageway, Structures and Roadside Furniture (for example, pleasing aesthetic finishing of retaining wall) | All works areas | Design and Construction Stage - CEDD | ✓ | ✓ | ✓ | | ETWB(W) No. 10/2005 Subject to |

| EIA Ref. | Recommended Mitigation Measures | Location of the Measures | Implementation Agent | Implementation Stage ⁽¹⁾ | | | | Relevant Legislation and Guidelines |
|---|--|--|--|-------------------------------------|---|---|-----|--|
| | | | | Des | C | O | Dec | |
| | | | Operational Stage – HyD/LCSD/ArchSD | | | | | ACABAS approval |
| 10.10.4 (Table 10.10) | Planting of toe planters for slope enhancement | All works areas | Design and Construction Stage - CEDD Operational Stage – LCSD | ✓ | ✓ | ✓ | | EIAO-TM GEO publication No. 1/2011 |
| 10.10.4 (Table 10.10) | Planting of berm planters/ planting strips for slope enhancement | All works areas | Design and Construction Stage - CEDD Operational Stage – HyD | ✓ | ✓ | ✓ | | EIAO-TM GEO publication No. 1/2011 |
| Landfill Gas Hazard (Construction Phase) | | | | | | | | |
| 11.9.2 - 11.9.4 | <ul style="list-style-type: none"> Contractors shall note the possible presence of landfill gas in the ground (even if it is unlikely) and shall take this into account in the design, construction of the proposed works. A Safety Officer or an appropriately qualified person, trained in the use of gas detection equipment, landfill gas related hazards and the appropriate actions to take in the event of adverse circumstances, shall be present on site throughout the works, in particular, when works are undertaken below ground. The contractor shall take cognizance of the presence of surface water and leachate management system and landfill gas management systems near the proposed works area. The contractor shall take all reasonable care to avoid any damage, loss, injury, interruption or impairment of the integrity of the landfill facilities within the works limits, storage area and across road area. The contractor shall also liaise and seek EPD and their landfill contractor – Hong Kong Landfill Restoration Group Limited (HKLRG) agreement on site arrangement before carrying out the proposed work. | Works areas within landfill consultation zones | CEDD/Contractor | | ✓ | ✓ | | EPD's Landfill Gas Hazard Assessment Guidance Note |
| 11.9.5 - 11.9.11 | <u>Safety Measures</u> <ul style="list-style-type: none"> The contractor shall be aware of, and inform all workers accordingly, that methane and carbon dioxide is always likely to be | Works areas within landfill consultation zones | CEDD/Contractor | | ✓ | | | EPD's Landfill Gas Hazard Assessment |

| EIA Ref. | Recommended Mitigation Measures | Location of the Measures | Implementation Agent | Implementation Stage ⁽¹⁾ | | | | Relevant Legislation and Guidelines |
|-----------------|---|--|----------------------|-------------------------------------|---|---|-----|--|
| | | | | Des | C | O | Dec | |
| | <p>present in the soil voids.</p> <ul style="list-style-type: none"> All personnel working on site and all visitors to the site be informed of the nearby landfill site and the possibility of landfill gas in the vicinity of the proposed works area. Safety warning notices shall be posted. No worker shall be allowed to work alone at any time inside the trenches or joint bays or near to any excavation. At least one other worker shall be available to assist in a rescue in an emergency case. Smoking and naked flames shall be strictly prohibited within the site or confined space if any. 'No Smoking' and 'No Naked Flame' notices shall be posted prominently at the site entrance and other conspicuous locations. All electrical equipment, such as motors and extension cords, shall be intrinsically safe. Adequate safety equipment shall be available at all times. This includes but is not limited to fire extinguishing equipment, breathing apparatus and personal protective equipment. In the event of working inside a confined space is required, sufficient approved resuscitation equipment, breathing apparatus and safety torches shall be available. Persons involved in or supervising such work shall be trained and practiced for the use of such equipment. A permit-to-work system for entry into confined space shall be established by an approved qualified person and consistently enforced. All relevant Ordinances, Legislations, Guidelines and Codes of Practice pertaining to work in confined space must be strictly adhered to. | | | | | | | <p>Guidance Note</p> <p>Labour Department's Code of Practice for Safety and Health at Work in Confined Space</p> |
| 11.9.12-11.9.16 | <p><u>Monitoring</u></p> <ul style="list-style-type: none"> The works area shall be monitored periodically during construction for the presence of methane, carbon dioxide and oxygen using gas detection equipment. The gas detection equipment shall be an intrinsically safe portable instrument, appropriately calibrated and capable of measuring the following gases in the ranges indicated below: <p>– Methane 0 – 100% LEL and 0 – 100% v/v;</p> | Works areas within landfill consultation zones | CEDD/Contractor | | ✓ | | | EPD's Landfill Gas Hazard Assessment Guidance Note |

| EIA Ref. | Recommended Mitigation Measures | Location of the Measures | Implementation Agent | Implementation Stage ⁽¹⁾ | | | | Relevant Legislation and Guidelines |
|--|---|--------------------------|----------------------|-------------------------------------|---|---|-----|-------------------------------------|
| | | | | Des | C | O | Dec | |
| | <ul style="list-style-type: none"> – Carbon dioxide 0 – 100%; and – Oxygen 0 – 21%. • During construction, monitoring of excavations shall be undertaken as follows: • For excavation deeper than 1 m, measurements shall be made: <ul style="list-style-type: none"> – At the ground surface before excavation commences; – Immediately before any worker enters an excavation; – At the beginning of each working day for the entire period the excavation remains open; and – Periodically through the working day whilst workers are in the excavation. • For excavation between 300 mm and 1 m deep, measurements shall be made: <ul style="list-style-type: none"> – Directly after the excavation has been completed; and – Periodically whilst the excavation remains open. • For excavation less than 300 mm, monitoring may be omitted at the discretion of the Safety Officer or other appropriate qualified person. • The monitoring frequency and area to be monitored shall be set down prior to commencement of ground works either by the Safety Officer or by an appropriately qualified person. • Monitoring should be undertaken by the Safety Officer or by an appropriately qualified person. The monitoring results shall be recorded and kept on site and shall be readily available at all times for inspection by the relevant authority. • Depending upon the results of measurements, actions will vary. Actions shall be set down by the Safety Officer or other appropriately qualified person prior to commencement of occupancy of the proposed works area. | | | | | | | |
| Landfill Gas Hazard (Operational Phase) | | | | | | | | |

| EIA Ref. | Recommended Mitigation Measures | Location of the Measures | Implementation Agent | Implementation Stage ⁽¹⁾ | | | | Relevant Legislation and Guidelines |
|-------------------|---|--|--|-------------------------------------|---|---|-----|---|
| | | | | Des | C | O | Dec | |
| 11.10.2 – 11.10.3 | <ul style="list-style-type: none"> The presence of landfill gas should be assumed at all times by maintenance workers. All maintenance workers inspecting any manhole should be fully trained in the issue of landfill gas hazard. Any manhole which is large enough to permit to access to personnel should be subject to safe entry procedures. Working in confined spaces is controlled by the Factories and Industrial Undertakings (Confined Spaces) Regulations of the Factories and Industrial Undertakings Ordinance. Following the Code of Practice on Safety and Health at Work in Confined Spaces (Labour Department, Hong Kong) maintains compliance with the above regulations. A strictly regulated “work permit procedure” should be implemented and the relevant safety procedures must be rigidly followed. Adequate communication with maintenance staff should be maintained with respect to landfill gas hazard. Utility companies should undertake a landfill gas surveillance exercise at the utility manholes/inspection chambers. Undertaken using an intrinsically safe portable instrument, appropriately calibrated and capable of measuring the following gases in the ranges indicated: <ul style="list-style-type: none"> – Methane 0 – 100% LEL and 0 – 100% v/v; – Carbon dioxide 0 – 100%; and – Oxygen 0 – 21%. Undertaken for the duration of the site occupancy, or until such time that EPD agrees that surveillance is no longer required. Depending on the results of the measurements, actions required will vary and should be set down by appropriately qualified person. | Works areas within landfill consultation zones | Maintenance contractor/Utility companies | | | ✓ | | <p>EPD’s Landfill Gas Hazard Assessment Guidance Note</p> <p>Labour Department’s Code of Practice for Safety and Health at Work in Confined Space</p> |

Note:

(1) Des = Design; C = Construction; O = Operation; Dec = Decommissioning

Appendix 4.1

Action and Limit Level

Action and Limit Level***Action and Limit Level for Noise Monitoring***

| Monitoring Station | Action Level | Limit Level (dB(A)) | | |
|--------------------|---|----------------------------------|---|--|
| | | 0700-1900 hrs on normal weekdays | 0700-2300 hrs on holidays (including Sundays); and 1900-2300 hrs on all days ² | 2300-0700 hrs of all days ² |
| NMC01 | When one documented complaint is received | 65 / 70 ¹ | 60 / 65 / 70 ³ | 45 / 50 / 55 ³ |
| NMC02 | | 75 | | |
| NMC03 | | 75 | | |
| NMC04 | | 75 | | |
| NMC05 | | 75 | | |

Remark 1: Limit level of NMC01 - Kei Shun Special School reduce to 65 dB (A) during examination periods if any.

Remark 2: Construction noise during restricted hours is under the control of Noise Control Ordinance Limit Level to be selected based on Area Sensitivity Rating.

Remark 3: Limit Level for restricted hour monitoring shall act as reference level only. Investigation would be conducted on CNP compliance if exceedance recorded during restricted hour noise monitoring period.

Baseline Level for Noise Monitoring***(For reference and calculation of Construction Noise Levels (CNLs))***

| Monitoring Station | Action Level | Baseline Level (dB(A)) | | |
|--------------------|---|----------------------------------|--|---------------------------|
| | | 0700-1900 hrs on normal weekdays | 0700-2300 hrs on holidays (including Sundays); and 1900-2300 hrs on all days | 2300-0700 hrs of all days |
| NMC01 | When one documented complaint is received | 69.3 | 69.0 | 66.6 |
| NMC02 | | 72.0 | 66.3 | 68.6 |
| NMC03 | | 78.2 | 77.9 | 73.8 |
| NMC04 | | 66.6 | 64.0 | 62.1 |
| NMC05 | | 61.8 | 59.8 | 57.9 |

All the Construction Noise Levels (CNLs) reported in this report were adjusted with the corresponding baseline level (i.e. Measured Leq – Baseline Leq = CNL), in order to facilitate the interpretation of the noise exceedance.

Action and Limit Level for Air Quality Monitoring

| Monitoring Locations | 1-hour TSP Level inµg/m3 | |
|----------------------|--------------------------|-------------|
| | Action Level | Limit Level |
| NCWBR_AMS-1 | 284.4 | 500.0 |
| NCWBR_AMS-2 | 282.4 | 500.0 |
| NCWBR_AMS-3 | 287.9 | 500.0 |
| NCWBR_AMS-4 | 281.6 | 500.0 |
| NCWBR_AMS-5 | 270.0 | 500.0 |
| LTR_AMS-1 | 272.1 | 500.0 |
| LTR_AMS-2 | 281.1 | 500.0 |
| LTR_AMS-3 | 285.1 | 500.0 |

Action and Limit Level for Water Monitoring

| Monitoring Station | Surface pH | | Surface DO (mg/L) | | Surface Turbidity (NTU) | | Surface SS (mg/L) | |
|--------------------|-----------------------------|-----------------------------|-------------------|-------------|-------------------------|-------------|-------------------|-------------|
| | Action Level | Limit Level | Action Level | Limit Level | Action Level | Limit Level | Action Level | Limit Level |
| E | - | - | - | - | - | - | - | - |
| F | Beyond the range of 6.6-8.4 | Beyond the range of 6.5-8.5 | 5.8 | 5.5 | 24.4 | 32.7 | 17.0 | 23.8 |
| H | - | - | - | - | - | - | - | - |
| I | Beyond the range of 6.6-8.4 | Beyond the range of 6.5-8.5 | 5.5 | 5.4 | 206.9 | 214.2 | 172.8 | 201.4 |

***Remarks:**

The value of 1.0mg/L was taken as the value for measurement with suspended solid level of <1.0mg/L for Action and Limit level calculation.

It is recommended that upstream monitoring station (monitoring station E and H) would be taken as control reference for exceedance investigation only. Action and limit level would not be establish using the baseline data.

Appendix 4.2

Copies of Calibration Certificates



CERTIFICATE OF CALIBRATION

Certificate No.: 25CA0502 03 Page 1 of 2

Item tested

| | | | |
|-----------------------|----------------------------|------------|-----------|
| Description: | Sound Level Meter (Type 1) | Microphone | Preamp |
| Manufacturer: | Nti | Nti Andio | Nti Andio |
| Type/Model No.: | XL2 | MC230A | MA220 |
| Serial/Equipment No.: | A2A-15360-EO | A14232 | 6830 |
| Adaptors used: | - | | |

Item submitted by

Customer Name: Lam Environmental Services Limited.
Address of Customer: -
Request No.: -
Date of receipt: 02-May-2025

Date of test: 07-May-2025

Reference equipment used in the calibration

| Description: | Model: | Serial No. | Expiry Date: | Traceable to: |
|---------------------------------|----------|------------|--------------|---------------|
| Multi function sound calibrator | B&K 4226 | 2288444 | 28-Aug-2025 | CIGISMEC |
| Signal generator | DS 360 | 61227 | 24-Feb-2026 | CEPREI |

Ambient conditions

Temperature: (20.8~21.6)°C
Relative humidity: (59.6~60.7) %
Air pressure: (1010 ± 5) hPa

Test specifications

- 1, The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- 2, The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of ±20%.
- 3, The acoustic calibration was performed using an B&K 4226 sound calibrator and corrections was applied for the difference between the free-field and pressure responsess of the Sound Level Meter.

Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the conditions under which the test was performed.

Details of the performed measurements are presented on page 2 of this certificate.

Actual Measurement data are documented on worksheets.

Approved Signatory:



Feng Junqi

Date: 08-May-2025

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument. The results apply to the item as received.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 25CA0502 03 Page 2 of 2

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside the tolerances stated in the test specifications. The "-" means the result of test is outside these tolerances.

| Test: | Subtest: | Status: | Expanded Uncertainty (dB) | Coverage Factor |
|-------------------------|--|---------|---------------------------|-----------------|
| Self-generated noise | A | Pass | 0.3 | |
| | C | Pass | 0.8 | |
| | Lin | Pass | 1.6 | |
| Linearity range for Leq | At reference range, Step 5 dB at 4 kHz | Pass | 0.3 | |
| | Reference SPL on all other ranges | Pass | 0.3 | |
| | 2 dB below upper limit of each range | Pass | 0.3 | |
| | 2 dB above lower limit of each range | Pass | 0.3 | |
| Linearity range for SPL | At reference range, Step 5 dB at 4 kHz | Pass | 0.3 | |
| | Frequency weightings | | | |
| Time weightings | A | Pass | 0.3 | |
| | C | Pass | 0.3 | |
| | Lin | Pass | 0.3 | |
| Peak response | Single Burst Fast | Pass | 0.3 | |
| | Single Burst Slow | Pass | 0.3 | |
| R.M.S. accuracy | Single 100µs rectangular pulse | Pass | 0.3 | |
| Time weighting I | Crest factor of 3 | Pass | 0.3 | |
| | Single burst 5 ms at 2000 Hz | Pass | 0.3 | |
| Time averaging | Repeated at frequency of 100 Hz | Pass | 0.3 | |
| | 1 ms burst duty factor 1/10 ³ at 4kHz | Pass | 0.3 | |
| | 1 ms burst duty factor 1/10 ⁴ at 4kHz | Pass | 0.3 | |
| Pulse range | Single burst 10 ms at 4 kHz | Pass | 0.4 | |
| Sound exposure level | Single burst 10 ms at 4 kHz | Pass | 0.4 | |
| Overload indication | SPL | Pass | 0.3 | |
| | Leq | Pass | 0.4 | |

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

| Test: | Subtest | Status | Expanded Uncertainty (dB) | Coverage Factor |
|-------------------|------------------------|--------|---------------------------|-----------------|
| Acoustic response | Weighting A at 125 Hz | Pass | 0.3 | |
| | Weighting A at 8000 Hz | Pass | 0.5 | |

3, Response to associated sound calibrator

N/A

The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by:

Fung Chi Yip

Date: 07-May-2025

Checked by:

Chan Yuk Yiu

Date: 08-May-2025

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

Certificate No.: 25CA0502 02 Page: 1 of 2

Item tested

Description: Acoustical Calibrator (Class 1)
Manufacturer: Larson Davis
Type/Model No.: CAL200
Serial/Equipment No.: 13437
Adaptors used: -

Item submitted by

Customer: Lam Environmental Services Ltd.
Address of Customer: -
Request No.: -
Date of receipt: 02-May-2025

Date of test: 03-May-2025

Reference equipment used in the calibration

| Description: | Model: | Serial No. | Expiry Date: | Traceable to: |
|-------------------------|----------|------------|--------------|---------------|
| Lab standard microphone | B&K 4180 | 3257888 | 30-Jul-2025 | SCL |
| Preamplifier | B&K 2673 | 3353200 | 29-Jun-2025 | CEPREI |
| Measuring amplifier | B&K 2610 | 2346941 | 27-Jun-2025 | CEPREI |
| Signal generator | DS 360 | 61227 | 24-Feb-2026 | CEPREI |
| Digital multi-meter | 34401A | US36087050 | 22-Apr-2026 | CEPREI |
| Audio analyzer | 8903B | GB41300350 | 19-Jun-2025 | CEPREI |
| Universal counter | 53132A | MY40003662 | 26-Jun-2025 | CEPREI |

Ambient conditions

Temperature: (20.6~21.3) °C
Relative humidity: (59.4~60.1) %
Air pressure: (1010 ± 5) hPa

Test specifications

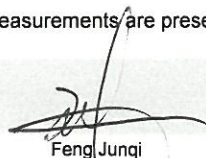
- 1, The Sound Calibrator has been calibrated in accordance with the requirements as specified in IEC 60942 1997 Annex B and the lab calibration procedure SMTP004-CA-156.
- 2, The calibrator was tested with its axis vertical facing downwards at the specific frequency using insert voltage technique.
- 3, The results are rounded to the nearest 0.01 dB and 0.1 Hz and have not been corrected for variations from a reference pressure of 1013.25 hectoPascals as the maker's information indicates that the instrument is insensitive to pressure changes.

Test results

This is to certify that the sound calibrator conforms to the requirements of annex B of IEC 60942: 1997 for the conditions under which the test was performed. This does not imply that the sound calibrator meets IEC 60942 under any other conditions.

Details of the performed measurements are presented on page 2 of this certificate.

Approved Signatory:


Feng Junqi

Date: 06-May-2025

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument. The results apply to the item as received.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 25CA0502 02 Page: 2 of 2

1, Measured Sound Pressure Level

The output Sound Pressure Level in the calibrator head was measured at the setting and frequency shown using a calibrated laboratory standard microphone and insert voltage technique. The results are given in below with the estimated uncertainties.

(Output level in dB re 20 μ Pa)

| Frequency Shown Hz | Output Sound Pressure Level Setting dB | Measured Output Sound Pressure Level dB | Estimated Expanded Uncertainty dB |
|-----------------------|---|--|--------------------------------------|
| 1000 | 94.00 | 93.75 | 0.10 |

2, Sound Pressure Level Stability - Short Term Fluctuations

The Short Term Fluctuations was determined by measuring the maximum and minimum of the fast weighted DC output of the B&K 2610 measuring amplifier over a 20 second time interval as required in the standard. The Short Term Fluctuation was found to be:

At 1000 Hz STF = 0.012 dB

Estimated expanded uncertainty 0.005 dB

3, Actual Output Frequency

The determination of actual output frequency was made using a B&K 4180 microphone together with a B&K 2673 preamplifier connected to a B&K 2610 measuring amplifier. The AC output of the B&K 2610 was taken to an universal counter which was used to determine the frequency averaged over 20 second of operation as required by the standard. The actual output frequency at 1 KHz was:

At 1000 Hz Actual Frequency = 1000.0 Hz

Estimated expanded uncertainty 0.1 Hz Coverage factor k = 2.2

4, Total Noise and Distortion

For the Total Noise and Distortion measurement, the unfiltered AC output of the B&K 2610 measuring amplifier was connected to an Agilent Type 8903 B distortion analyser. The TND result at 1 KHz was:

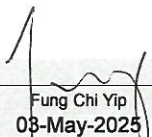
At 1000 Hz TND = 1.2%

Estimated expanded uncertainty 0.7 %

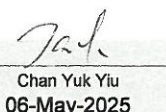
The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by:


Fung Chi Yip
Date: 03-May-2025

Checked by:


Chan Yuk Yiu
Date: 06-May-2025

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



MAXLAB

CALIBRATION CERTIFICATE

Certificate Information

| | | | |
|----------------------|-------------|---------------------------|-------------|
| Date of Issue | 26-Feb-2026 | Certificate Number | MLCN260461S |
|----------------------|-------------|---------------------------|-------------|

Customer Information

| | |
|---------------------|---|
| Company Name | Lam Environmental Services Limited |
| Address | 19/F, Remex Centre, 42 Wong Chuk Hang Road, Hong Kong |

Equipment-under-Test (EUT)

| | |
|-------------------------|--------------------------------------|
| Description | Handheld Audio and Acoustic Analyzer |
| Manufacturer | NTi Audio |
| Model Number | XL2 |
| Serial Number | A2A-15269-E0 |
| Equipment Number | -- |

Calibration Particular

| | | | |
|-------------------------------|---|-------------------|------------------|
| Date of Calibration | 26-Feb-2026 | | |
| Calibration Equipment | 4231(MLTE008) / AV230083 / 6-Jun-2026 | | |
| Calibration Procedure | MLCG00, MLCG15 | | |
| Calibration Conditions | Laboratory | Temperature | 23 °C ± 5 °C |
| | | Relative Humidity | 55% ± 25% |
| | EUT | Stabilizing Time | Over 3 hours |
| | | Warm-up Time | 10 minutes |
| | | Power Supply | Internal battery |
| Calibration Results | Calibration data were detailed in the continuation pages. | | |

Approved By & Date

| | | |
|--|---------|-------------|
| | K.O. Lo | 26-Feb-2026 |
|--|---------|-------------|

Statements

- * Calibration equipment used for this calibration are traceable to national / international standards.
- * The results on this Calibration Certificate only relate to the values measured at the time of the calibration and the uncertainties quoted will not include allowance for the EUT long term drift, variation with environmental changes, vibration and shock during transportation, overloading, mishandling, misuse, and the capacity of any other laboratory to repeat the measurement.
- * MaxLab Calibration Centre Limited shall not be liable for any loss or damage resulting from the use of the EUT.
- * The copy of this Certificate is owned by MaxLab Calibration Centre Limited. No part of this Certificate may be reproduced without the prior written approval of MaxLab Calibration Centre Limited.



MAXLAB

Certificate No. MLCN260461S

| <i>Calibration Data</i> | | | | | |
|------------------------------|-------------|-------------|------------------|-----------|-------------------------|
| Frequency / Time Weighting | Range | EUT Reading | Standard Reading | EUT Error | Calibration Uncertainty |
| A / FAST (1 kHz Input) | 0 - 100 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | 20 - 120 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | | 114.0 dB | 114.0 dB | 0.0 dB | 0.2 dB |
| | 40 - 140 dB | 113.9 dB | 114.0 dB | -0.1 dB | 0.2 dB |
| C / FAST (1 kHz Input) | 0 - 100 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | 20 - 120 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | | 114.0 dB | 114.0 dB | 0.0 dB | 0.2 dB |
| | 40 - 140 dB | 113.9 dB | 114.0 dB | -0.1 dB | 0.2 dB |
| Z / FAST (1 kHz Input) | 0 - 100 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | 20 - 120 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | | 113.9 dB | 114.0 dB | -0.1 dB | 0.2 dB |
| | 40 - 140 dB | 113.9 dB | 114.0 dB | -0.1 dB | 0.2 dB |
| A / SLOW (1 kHz Input) | 0 - 100 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | 40 - 140 dB | 113.9 dB | 114.0 dB | -0.1 dB | 0.2 dB |
| C / SLOW (1 kHz Input) | 0 - 100 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | 40 - 140 dB | 113.9 dB | 114.0 dB | -0.1 dB | 0.2 dB |
| Z / SLOW (1 kHz Input) | 0 - 100 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | 40 - 140 dB | 113.9 dB | 114.0 dB | -0.1 dB | 0.2 dB |
| A / Impulse (1 kHz Input) | 0 - 100 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | 40 - 140 dB | 114.0 dB | 114.0 dB | 0.0 dB | 0.2 dB |
| C / Impulse (1 kHz Input) | 0 - 100 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | 40 - 140 dB | 114.0 dB | 114.0 dB | 0.0 dB | 0.2 dB |
| Z / Impulse (1 kHz Input) | 0 - 100 dB | 94.0 dB | 94.0 dB | 0.0 dB | 0.2 dB |
| | 40 - 140 dB | 114.0 dB | 114.0 dB | 0.0 dB | 0.2 dB |

- END -

Calibrated By : Danilo Cobrador
Date : 26-Feb-2026

Checked By : K.O. Lo
Date : 26-Feb-2026

Page 2 of 2



MAXLAB

CALIBRATION CERTIFICATE

Certificate Information

| | | | |
|----------------------|-------------|---------------------------|-------------|
| Date of Issue | 26-Feb-2026 | Certificate Number | MLCN260460S |
|----------------------|-------------|---------------------------|-------------|

Customer Information

| | |
|---------------------|---|
| Company Name | Lam Environmental Services Limited |
| Address | 19/F, Remex Centre, 42 Wong Chuk Hang Road, Hong Kong |

Equipment-under-Test (EUT)

| | |
|-------------------------|-------------------------------|
| Description | Precision Acoustic Calibrator |
| Manufacturer | Larson Davis |
| Model Number | CAL200 |
| Serial Number | 13098 |
| Equipment Number | -- |

Calibration Particular

| | | | |
|-------------------------------|---|-------------------|------------------|
| Date of Calibration | 26-Feb-2026 | | |
| Calibration Equipment | 4231(MLTE008) / AV230083 / 6-Jun-26 1357(MLTE190) / MLEC25/05/02 / 9-May-26 | | |
| Calibration Procedure | MLCG00, MLCG15 | | |
| Calibration Conditions | Laboratory | Temperature | 23 °C ± 5 °C |
| | | Relative Humidity | 55% ± 25% |
| | EUT | Stabilizing Time | Over 3 hours |
| | | Warm-up Time | Not applicable |
| | | Power Supply | Internal battery |
| Calibration Results | Calibration data were detailed in the continuation pages. All calibration results were within EUT specification. | | |

Approved By & Date

| | | |
|--|---------|-------------|
| | K.O. Lo | 26-Feb-2026 |
|--|---------|-------------|

Statements

- * Calibration equipment used for this calibration are traceable to national / international standards.
- * The results on this Calibration Certificate only relate to the values measured at the time of the calibration and the uncertainties quoted will not include allowance for the EUT long term drift, variation with environmental changes, vibration and shock during transportation, overloading, mishandling, misuse, and the capacity of any other laboratory to repeat the measurement.
- * MaxLab Calibration Centre Limited shall not be liable for any loss or damage resulting from the use of the EUT.
- * The copy of this Certificate is owned by MaxLab Calibration Centre Limited. No part of this Certificate may be reproduced without the prior written approval of MaxLab Calibration Centre Limited.



MAXLAB

Certificate No. MLCN260460S

| <i>Calibration Data</i> | | | | |
|-------------------------|------------------|------------------------|-------------------------|-------------------|
| EUT Setting | Standard Reading | EUT Error from Setting | Calibration Uncertainty | EUT Specification |
| 94 dB | 94.0 dB | 0.0 dB | 0.15 dB | ± 0.2 dB |
| 114 dB | 114.1 dB | 0.1 dB | 0.15 dB | ± 0.2 dB |

- END -

Calibrated By : Danilo Cobrador
Date : 26-Feb-26

Checked By : K.O. Lo
Date : 26-Feb-26

Page 2 of 2

Certificate of Calibration

| Calibration Certification Information | | | |
|---------------------------------------|-----------------------------|-----------|-------|
| Cal. Date: February 18, 2026 | Rootsmeter S/N: 438320 | Ta: 294 | °K |
| Operator: Jim Tisch | | Pa: 756.7 | mm Hg |
| Calibration Model #: TE-5025A | Calibrator S/N: 3880 | | |

| Run | Vol. Init (m3) | Vol. Final (m3) | ΔVol. (m3) | ΔTime (min) | ΔP (mm Hg) | ΔH (in H2O) |
|-----|----------------|-----------------|------------|-------------|------------|-------------|
| 1 | 1 | 2 | 1 | 1.4570 | 3.2 | 2.00 |
| 2 | 3 | 4 | 1 | 1.0290 | 6.4 | 4.00 |
| 3 | 5 | 6 | 1 | 0.9190 | 8.0 | 5.00 |
| 4 | 7 | 8 | 1 | 0.8740 | 8.9 | 5.50 |
| 5 | 9 | 10 | 1 | 0.7230 | 12.9 | 8.00 |

| Data Tabulation | | | | | |
|-----------------|---------------|--|-----------|-------------|---|
| Vstd (m3) | Qstd (x-axis) | $\sqrt{\Delta H \left(\frac{Pa}{Pstd} \right) \left(\frac{Tstd}{Ta} \right)}$ (y-axis) | Va | Qa (x-axis) | $\sqrt{\Delta H \left(\frac{Ta}{Pa} \right)}$ (y-axis) |
| 1.0049 | 0.6897 | 1.4207 | 0.9958 | 0.6834 | 0.8815 |
| 1.0006 | 0.9724 | 2.0091 | 0.9915 | 0.9636 | 1.2467 |
| 0.9985 | 1.0865 | 2.2463 | 0.9894 | 1.0766 | 1.3938 |
| 0.9973 | 1.1411 | 2.3559 | 0.9882 | 1.1307 | 1.4619 |
| 0.9920 | 1.3720 | 2.8414 | 0.9830 | 1.3595 | 1.7631 |
| QSTD | m= | 2.08055 | QA | m= | 1.30280 |
| | b= | -0.01476 | | b= | -0.00916 |
| | r= | 0.99999 | | r= | 0.99999 |

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

| Standard Conditions | |
|---------------------|---------------------------------------|
| Tstd: | 298.15 °K |
| Pstd: | 760 mm Hg |
| Key | |
| ΔH: | calibrator manometer reading (in H2O) |
| ΔP: | rootsmeter manometer reading (mm Hg) |
| Ta: | actual absolute temperature (°K) |
| Pa: | actual barometric pressure (mm Hg) |
| b: | intercept |
| m: | slope |

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



Lam Environmental Services Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : GCE Calibration Date : 9-Mar-26
 Equipment no. : 2493 Calibration Due Date : 9-Jun-26

CALIBRATION OF CONTINUOUS FLOW RECORDER

| Ambient Condition | | | |
|-----------------------------|-----|--------|--------------------------|
| Temperature, T _a | 293 | Kelvin | Pressure, P _a |
| | | | 1022 mmHg |

| Orifice Transfer Standard Information | | | | | |
|---------------------------------------|-----------|---|---------|---------------------------|----------|
| Equipment No. | 3880 | Slope, m _c | 2.08055 | Intercept, b _c | -0.01476 |
| Last Calibration Date | 18-Feb-26 | $(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$ | | | |
| Next Calibration Date | 18-Feb-27 | | | | |

| Calibration of TSP | | | | | | |
|--------------------|-------------------|--------|--------------|---|--------------------------------------|---|
| Calibration Point | Manometer Reading | | | Q _{std} (m ³ / min.) X-axis | Continuous Flow Recorder, W (CFM) | IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis |
| | (up) | (down) | (difference) | | | |
| 1 | 1.2 | 1.2 | 2.4 | 0.7612 | 31 | 31.3973 |
| 2 | 2.1 | 2.1 | 4.2 | 1.0047 | 38 | 38.4870 |
| 3 | 3.3 | 3.3 | 6.6 | 1.2577 | 46 | 46.5896 |
| 4 | 4.5 | 4.5 | 9.0 | 1.4675 | 51 | 51.6536 |
| 5 | 5.6 | 5.6 | 11.2 | 1.6362 | 56 | 56.7177 |

By Linear Regression of Y on X

Slope, m = 28.8832 Intercept, b = 9.5730
 Correlation Coefficient* = 0.9992
 Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : Serial No.:2493

Calibrated by : William Cheung Checked by : Derek Lo
 Date : 9-Mar-26 Date : 9-Mar-26

Lam Environmental Services Limited

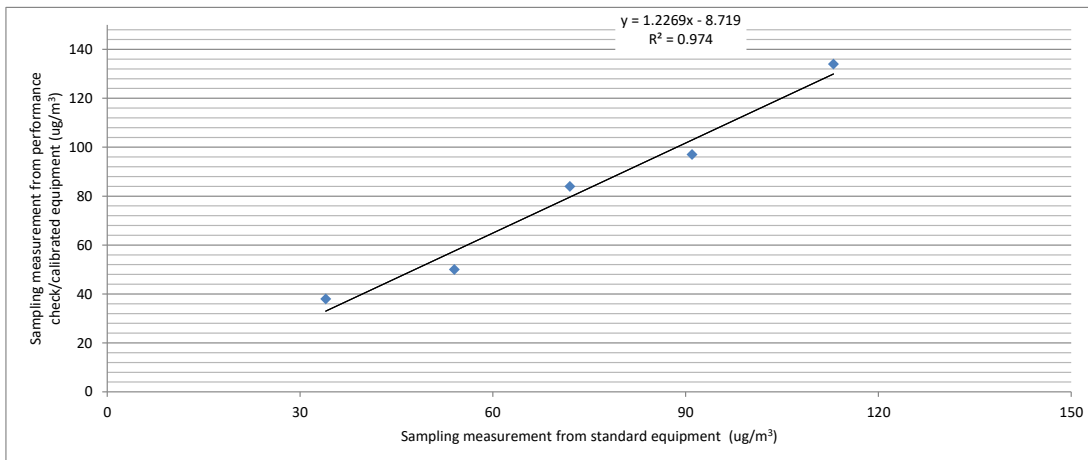
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | BT-645 | TE-5170 |
| Serial Number | B17940 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|--|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 38 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 50 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 84 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 97 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 134 |

Linear Regression of Y on X

Slope (K- factor) : 0.8000
 Correlation Coefficient : 0.9869
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026

Lam Environmental Services Limited

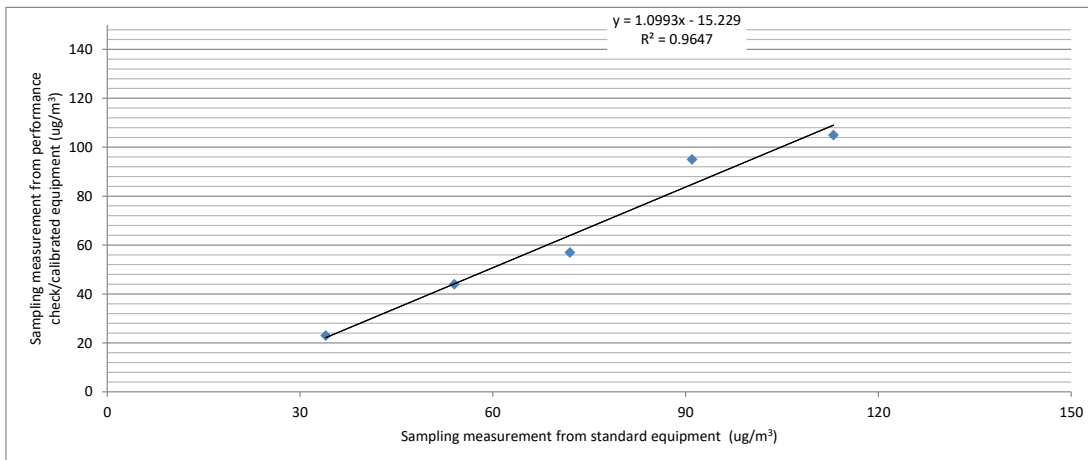
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | BT-645 | TE-5170 |
| Serial Number | B17942 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|---|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 23 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 44 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 57 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 95 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 105 |

Linear Regression of Y on X

Slope (K- factor) : 0.9000
 Correlation Coefficient : 0.9822
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026

Lam Environmental Services Limited

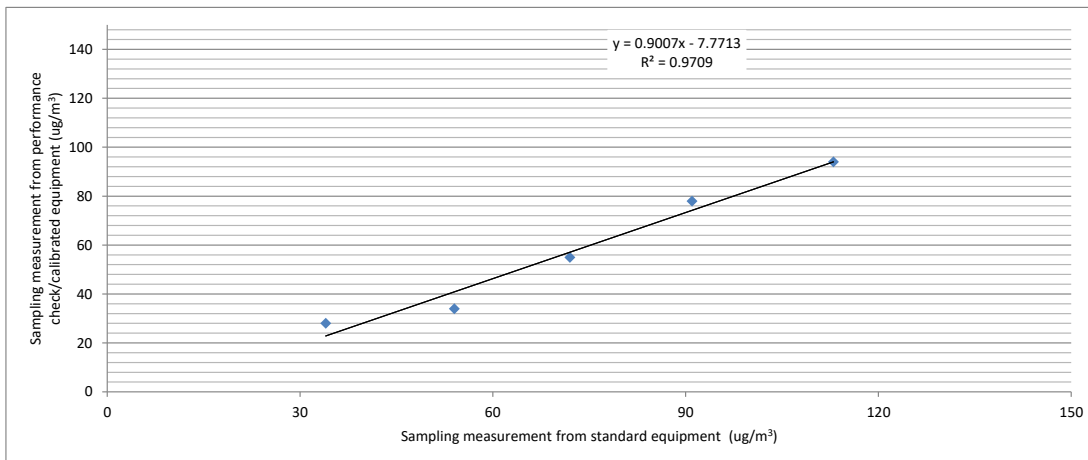
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | BT-645 | TE-5170 |
| Serial Number | C15621 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|--|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 28 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 34 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 55 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 78 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 94 |

Linear Regression of Y on X

Slope (K- factor) : 1.1000
 Correlation Coefficient : 0.9854
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026

Lam Environmental Services Limited

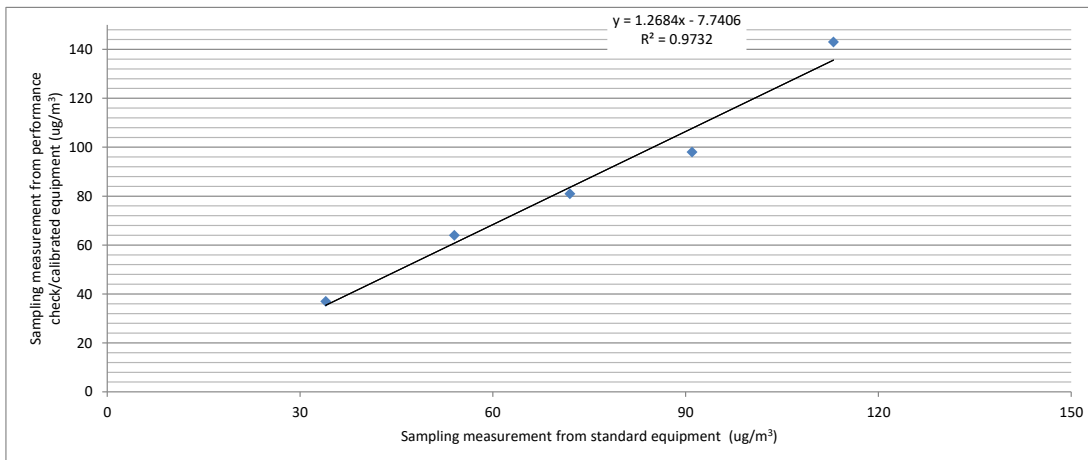
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | BT-645 | TE-5170 |
| Serial Number | C15622 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|--|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 37 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 64 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 81 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 98 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 143 |

Linear Regression of Y on X

Slope (K- factor) : 0.8000
 Correlation Coefficient : 0.9865
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026

Lam Environmental Services Limited

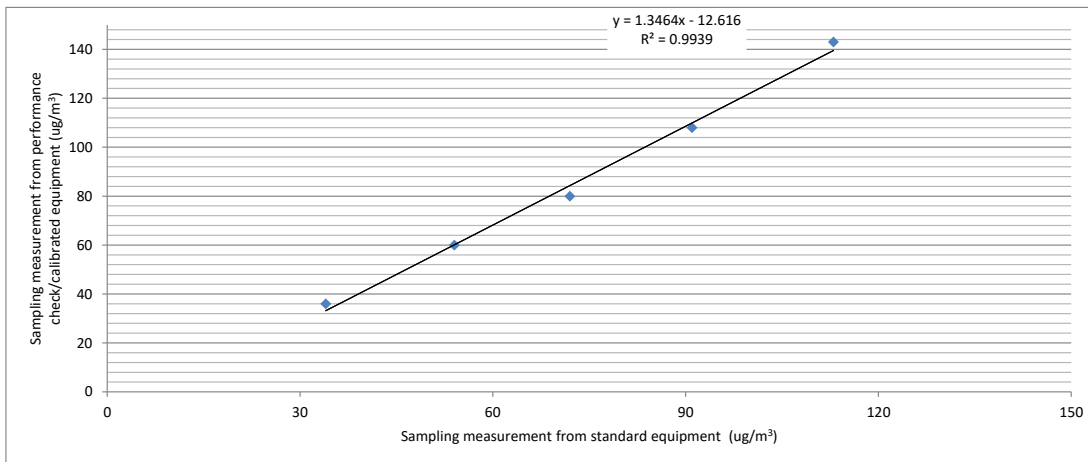
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | BT-645 | TE-5170 |
| Serial Number | C15625 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|--|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 36 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 60 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 80 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 108 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 143 |

Linear Regression of Y on X

Slope (K- factor) : 0.8000
 Correlation Coefficient : 0.9969
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026

Lam Environmental Services Limited

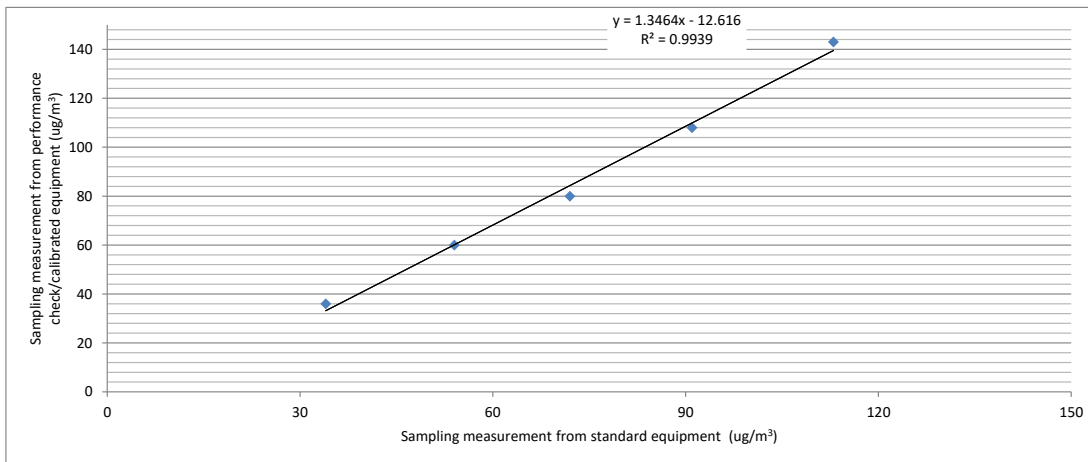
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | Aerocet 831 | TE-5170 |
| Serial Number | R14332 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|--|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 36 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 60 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 80 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 108 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 143 |

Linear Regression of Y on X

Slope (K- factor) : 0.8000
 Correlation Coefficient : 0.9969
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026

Lam Environmental Services Limited

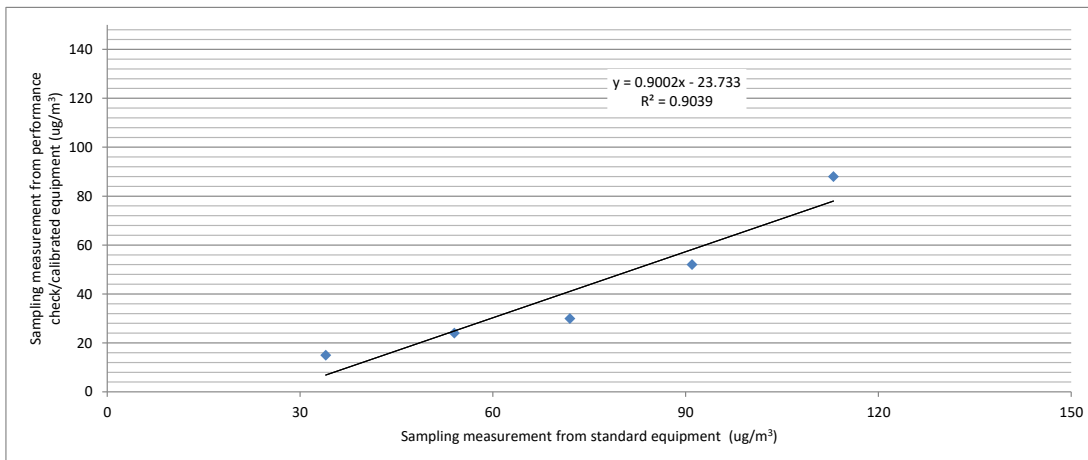
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | Aerocet 831 | TE-5170 |
| Serial Number | W15449 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|--|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 15 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 24 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 30 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 52 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 88 |

Linear Regression of Y on X

Slope (K- factor) : 1.1000
 Correlation Coefficient : 0.9507
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026

Lam Environmental Services Limited

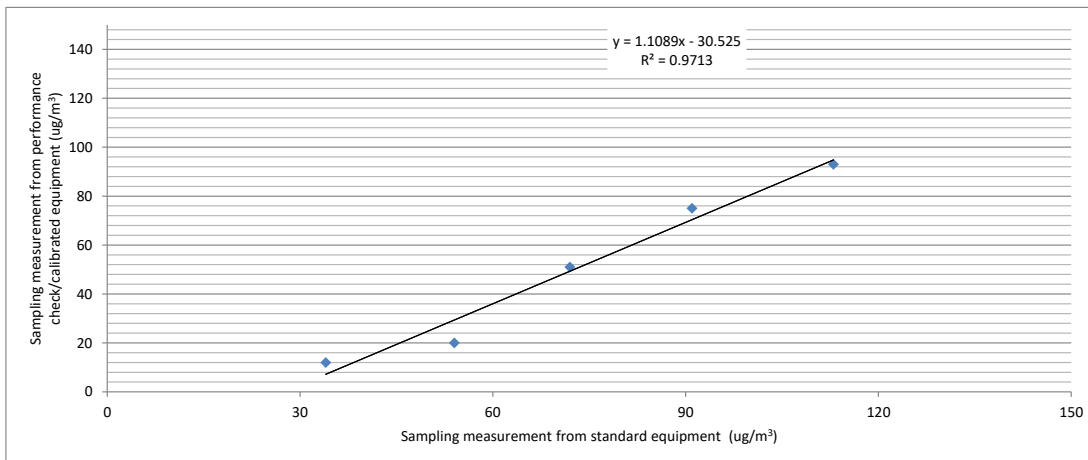
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | Aerocet 831 | TE-5170 |
| Serial Number | W16848 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|--|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 12 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 20 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 51 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 75 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 93 |

Linear Regression of Y on X

Slope (K- factor) : 0.9000
 Correlation Coefficient : 0.9856
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026

Lam Environmental Services Limited

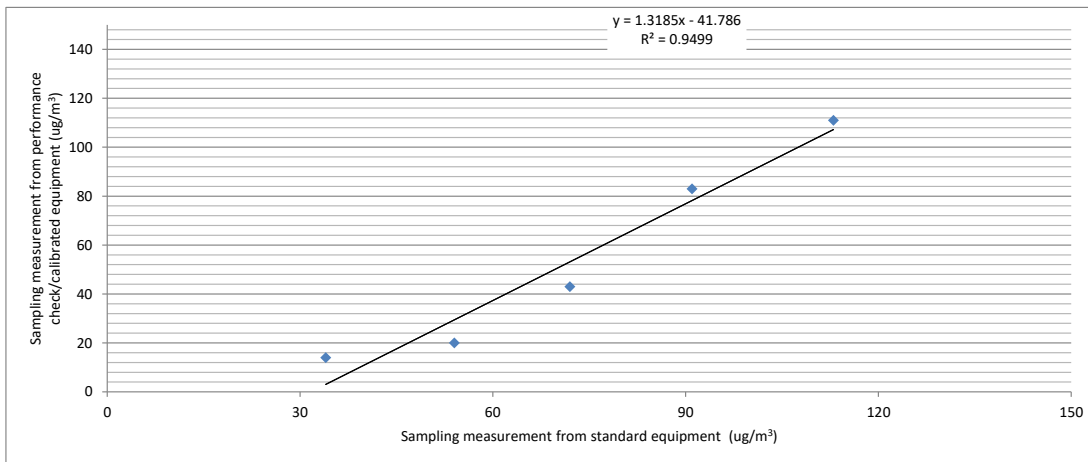
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | Aerocet 831 | TE-5170 |
| Serial Number | Y23153 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|---|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 14 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 20 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 43 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 83 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 111 |

Linear Regression of Y on X

Slope (K- factor) : 0.8000
 Correlation Coefficient : 0.9746
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026

Lam Environmental Services Limited

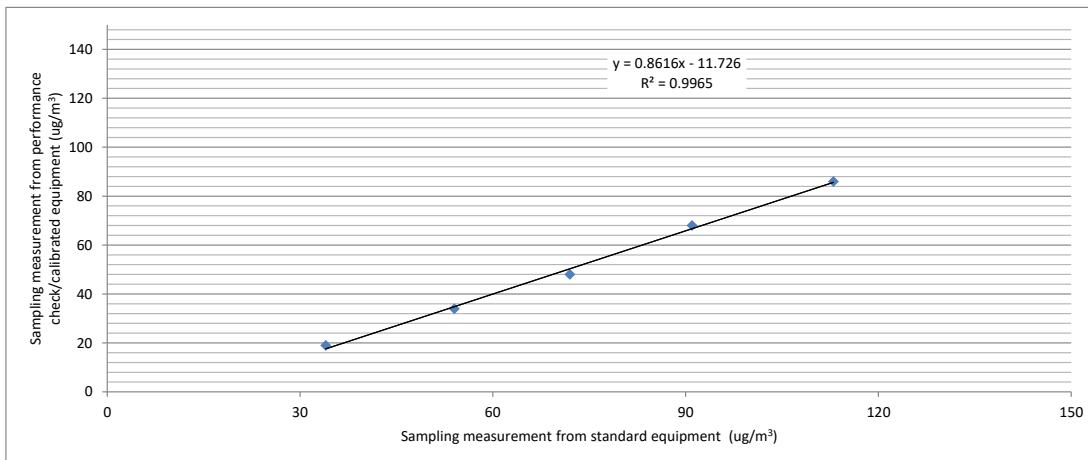
| | | |
|---------------|---|--|
| Equipment | Portable Dust Meter | Standard Equipment (High Volume Sampler) |
| Manufacturer | MET ONE INSTRUMENTS | TISCH |
| Model Number | Aerocet 831 | TE-5170 |
| Serial Number | Y23160 | 2493 |
| Date | 9-Mar-26 | 9-Mar-26 |
| Location | GCE laboratory calibration area - 6 Ko Shan Rd., Hung Hom, KL | |

Portable Dust Meter Performance Check Results

| Check Point | Date & Time | Mean Temp (°C) | Mean Pressure (hPa) | Concentration in ug/m ³ (Standard equipment) (X - Axis) | Concentration in ug/m ³ (Performance Check / Calibrated equipment) (Y - Axis) |
|-------------|------------------------|----------------|---------------------|--|--|
| 1 | 9/3/2026 10:30 -11:30 | 20 | 1022 | 34 | 19 |
| 2 | 9/3/2026 11:34 -12:34 | 20 | 1022 | 54 | 34 |
| 3 | 9/3/2026 12:38 - 13:38 | 20 | 1022 | 72 | 48 |
| 4 | 9/3/2026 13:43 - 14:44 | 20 | 1022 | 91 | 68 |
| 5 | 9/3/2026 14:47 - 15:47 | 20 | 1022 | 113 | 86 |

Linear Regression of Y on X

Slope (K- factor) : 1.2000
 Correlation Coefficient : 0.9983
 Validity of Performance Check / Calibration Record : 9/3/2027



Operator: William Cheung

Date: 9/3/2026

Checked by: Derek Lo

Date: 9/3/2026



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 5/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BF030033
Date of Issue : 11 March 2026
Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Lam Environmental Services Limited
19/F, Remex Centre, 42 Wong Chuk Hang Road, Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment : YSI Professional Plus Multi Parameters
Manufacturer : YSI
Serial Number : 14E101065
Date of Received : 27 February 2026
Date of Calibration : 02 March 2026
Date of Next Calibration : 01 June 2026
Request No. : D-BF030033

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

| Test Parameter | Reference Method |
|------------------|---|
| pH value | APHA 21e 4500-H ⁺ B |
| Temperature | Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure |
| Salinity | APHA 23e 2520 B (Electrical Conductivity Method) |
| Dissolved oxygen | APHA 23c 4500-O G (Membrane Electrode Method) |

PART D - CALIBRATION RESULT

(1) pH value

| Target (pH unit) | Display Reading (pH unit) | Tolerance | Result |
|--------------------|-----------------------------|-----------|--------------|
| 4.00 | 4.00 | 0 | Satisfactory |
| 7.42 | 7.43 | 0.01 | Satisfactory |
| 10.01 | 10.01 | 0 | Satisfactory |

Tolerance of pH value should be less than ± 0.2 (pH unit)

(2) Temperature

| Reading of Ref. thermometer (°C) | Display Reading (°C) | Tolerance (°C) | Result |
|------------------------------------|------------------------|------------------|--------------|
| 11.8 | 10.9 | -0.9 | Satisfactory |
| 19.9 | 19.8 | -0.1 | Satisfactory |
| 34.9 | 34.3 | -0.6 | Satisfactory |

Tolerance of Temperature should be less than ± 2.0 (°C)

(3) Salinity

| Expected Reading (g/L) | Display Reading (g/L) | Tolerance (%) | Result |
|--------------------------|-------------------------|-----------------|--------------|
| 10 | 10.11 | 1.10 | Satisfactory |
| 20 | 20.31 | 1.55 | Satisfactory |
| 30 | 30.27 | 0.90 | Satisfactory |

Tolerance of Salinity should be less than ± 10.0 (%)

(4) Dissolved oxygen

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED
SIGNATORY:


LEE Ngo-fung
Senior Chemist



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 5/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BF030033

Date of Issue : 11 March 2026

Page No. : 2 of 2

| Expected Reading (mg/L) | Display Reading (mg/L) | Tolerance (mg/L) | Result |
|---------------------------|--------------------------|--------------------|--------------|
| 8.43 | 8.14 | -0.29 | Satisfactory |
| 5.79 | 5.41 | -0.38 | Satisfactory |
| 3.40 | 3.00 | -0.40 | Satisfactory |
| 0.05 | 0.42 | 0.37 | Satisfactory |

Tolerance of Dissolved oxygen should be less than ± 0.5 (mg/L)

Remark(s): -

- The "Date of Next Calibration" is recommended according to best practice principles followed by QPT or relevant international standards.
- The results relate only to the calibrated equipment as received.
- The performance of the equipment stated in this report is checked using independent reference material, with results compared against a calibrated secondary source.
- "Displayed Reading" denotes the figure shown on the item under calibration/checking, regardless of equipment precision or significant figures.
- The "Tolerance Limit" mentioned is the acceptance criteria applicable to similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.

--- END OF REPORT ---



Calibration Report

Calibration No. : 60408001-C27G3101
Laboratory : FT LaboratoriesLtd.
Address : Lot No. DD77 Section 1552 S.Ass 1RP, Ng Chow South Road, Ping Che, Fanling, New Territories
Telephone : (852) 2758 4861
Facsimile : (852) 2758 8962

Customer : **Lam Environmental Services Limited**
Address : **19/F., Remex Centre, 42 Wong Chuk Hang Road, Hong Kong**

Item Calibrated : Name/Description: Turbidimeter
Manufacturer: Shanghai Xinrui Instruments & Meters co.,Ltd
Model no: WGZ-3B
Equipment no.: 2209074

Reference Standard / Major Measurement : C23/01 under NCRM reference material number GBW(E) 120125.
Standard Solution of Formazine Turbidity

Equipment

Calibration Method : In-house calibration method according to Ref: APHA22nd ed 213 OB

Date of item received : 27 Mar.,2026
Date of Calibration : 02 Apr.,2026

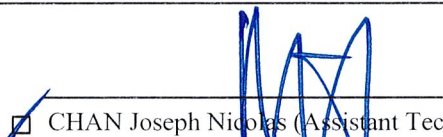
Location of Calibration : Chemical Laboratory of FT LaboratoriesLtd.

Calibration Conditions

Temperature : 20 ± 3 °C
Relative Humidity : 30% to 80%

Test Results : The test results are detailed in the subsequent page(s).

Certified by :


 CHAN Joseph Nicolas (Assistant Technical Manager)

Date of Issue: 13 APR 2026

- Notes:**
- (1) The above equipment has been calibrated against standards which are traceable to internationally recognized standards.
 - (2) This certificate shall not be reproduced, except in full, without the written approval of FT LaboratoriesLtd.



Calibration Report

Calibration No. : 60408001-C27G3101

Results

| Turbidity of standard solution used (NTU) | Measured value (NTU) | Error (%) |
|---|----------------------|-----------|
| 0 | 0 | --- |
| 4 | 4.00 | 0.00% |
| 10 | 10.00 | 0.00% |
| 40 | 40.00 | 0.00% |
| 100 | 99.8 | -0.20% |
| 400 | 399.0 | -0.25% |
| 1000 | 998.0 | -0.20% |

Remarks:

- (A) Each reported result is the mean of three measurements on UUT (unit-under-test).
- (B) The values given in this Calibration Report only relate to the unit-under-test and the values measured at the time of the test. Any uncertainties quoted will not include allowances for the environmental changes, variation and shock during transportation, or the capability of any other laboratory to repeat the measurement.
- (C) Before calibration, UUT and reference equipment was placed in the laboratory for at least one hour.

< End of Report >

Calibrated by: CH Cheung
Date: 02 Apr., 2026

Checked by: Joseph Chan
Date: 13 APR 2026

Appendix 4.3

Wind data extracted from HKO Automatic Weather Station

*** Tate's Cairn - HKO Automatic Weather Station**

| Date | Time | Wind Speed (km/h) | Prevailing Wind Direction (degrees) |
|-----------|-------|-------------------|-------------------------------------|
| 6/5/2026 | 0:00 | 0 | 0 |
| 6/5/2026 | 1:00 | 0 | 0 |
| 6/5/2026 | 2:00 | 0 | 0 |
| 6/5/2026 | 3:00 | 0 | 0 |
| 6/5/2026 | 4:00 | 0 | 0 |
| 6/5/2026 | 5:00 | 0 | 0 |
| 6/5/2026 | 6:00 | 0 | 0 |
| 6/5/2026 | 7:00 | 0 | 0 |
| 6/5/2026 | 8:00 | 0 | 0 |
| 6/5/2026 | 9:00 | 0 | 0 |
| 6/5/2026 | 10:00 | 0 | 0 |
| 6/5/2026 | 11:00 | 0 | 0 |
| 6/5/2026 | 12:00 | 0 | 0 |
| 6/5/2026 | 13:00 | 0 | 0 |
| 6/5/2026 | 14:00 | 0 | 0 |
| 6/5/2026 | 15:00 | 0 | 0 |
| 6/5/2026 | 16:00 | 0 | 0 |
| 6/5/2026 | 17:00 | 0 | 0 |
| 6/5/2026 | 18:00 | 0 | 0 |
| 6/5/2026 | 19:00 | 0 | 0 |
| 6/5/2026 | 20:00 | 0 | 0 |
| 6/5/2026 | 21:00 | 0 | 0 |
| 6/5/2026 | 22:00 | 0 | 0 |
| 6/5/2026 | 23:00 | 0 | 0 |
| 12/5/2026 | 0:00 | 0 | 0 |
| 12/5/2026 | 1:00 | 0 | 0 |
| 12/5/2026 | 2:00 | 0 | 0 |
| 12/5/2026 | 3:00 | 0 | 0 |
| 12/5/2026 | 4:00 | 0 | 0 |
| 12/5/2026 | 5:00 | 0 | 0 |
| 12/5/2026 | 6:00 | 0 | 0 |
| 12/5/2026 | 7:00 | 0 | 0 |
| 12/5/2026 | 8:00 | 0 | 0 |
| 12/5/2026 | 9:00 | 0 | 0 |
| 12/5/2026 | 10:00 | 0 | 0 |
| 12/5/2026 | 11:00 | 0 | 0 |
| 12/5/2026 | 12:00 | 0 | 0 |
| 12/5/2026 | 13:00 | 0 | 0 |
| 12/5/2026 | 14:00 | 0 | 0 |
| 12/5/2026 | 15:00 | 0 | 0 |
| 12/5/2026 | 16:00 | 0 | 0 |
| 12/5/2026 | 17:00 | 0 | 0 |
| 12/5/2026 | 18:00 | 0 | 0 |
| 12/5/2026 | 19:00 | 0 | 0 |
| 12/5/2026 | 20:00 | 0 | 0 |
| 12/5/2026 | 21:00 | 0 | 0 |
| 12/5/2026 | 22:00 | 0 | 0 |
| 12/5/2026 | 23:00 | 0 | 0 |

Tseung Kwan O - HKO Automatic Weather Station

| Date | Time | Wind Speed (km/h) | Prevailing Wind Direction (degrees) |
|-----------|-------|-------------------|-------------------------------------|
| 6/5/2026 | 0:00 | 3 | - |
| 6/5/2026 | 1:00 | 4 | - |
| 6/5/2026 | 2:00 | 3 | - |
| 6/5/2026 | 3:00 | 6 | 50 |
| 6/5/2026 | 4:00 | 5 | 359 |
| 6/5/2026 | 5:00 | 6 | 20 |
| 6/5/2026 | 6:00 | 4 | - |
| 6/5/2026 | 7:00 | 9 | 27 |
| 6/5/2026 | 8:00 | 5 | - |
| 6/5/2026 | 9:00 | 10 | 7 |
| 6/5/2026 | 10:00 | 8 | 14 |
| 6/5/2026 | 11:00 | 6 | 13 |
| 6/5/2026 | 12:00 | 6 | 70 |
| 6/5/2026 | 13:00 | 6 | 56 |
| 6/5/2026 | 14:00 | 6 | - |
| 6/5/2026 | 15:00 | 9 | 99 |
| 6/5/2026 | 16:00 | 6 | 52 |
| 6/5/2026 | 17:00 | 6 | 36 |
| 6/5/2026 | 18:00 | 8 | 18 |
| 6/5/2026 | 19:00 | 5 | 30 |
| 6/5/2026 | 20:00 | 6 | 28 |
| 6/5/2026 | 21:00 | 5 | 49 |
| 6/5/2026 | 22:00 | 6 | 27 |
| 6/5/2026 | 23:00 | 6 | 30 |
| 12/5/2026 | 0:00 | 3 | - |
| 12/5/2026 | 1:00 | 3 | 214 |
| 12/5/2026 | 2:00 | 1 | 167 |
| 12/5/2026 | 3:00 | 1 | 251 |
| 12/5/2026 | 4:00 | 3 | 301 |
| 12/5/2026 | 5:00 | 3 | 46 |
| 12/5/2026 | 6:00 | 1 | 315 |
| 12/5/2026 | 7:00 | 2 | 62 |
| 12/5/2026 | 8:00 | 4 | 205 |
| 12/5/2026 | 9:00 | 4 | - |
| 12/5/2026 | 10:00 | 5 | 287 |
| 12/5/2026 | 11:00 | 6 | - |
| 12/5/2026 | 12:00 | 7 | 187 |
| 12/5/2026 | 13:00 | 8 | 249 |
| 12/5/2026 | 14:00 | 6 | 261 |
| 12/5/2026 | 15:00 | 9 | 202 |
| 12/5/2026 | 16:00 | 5 | 263 |
| 12/5/2026 | 17:00 | 2 | - |
| 12/5/2026 | 18:00 | 5 | 219 |
| 12/5/2026 | 19:00 | 4 | 235 |
| 12/5/2026 | 20:00 | 6 | 212 |
| 12/5/2026 | 21:00 | 5 | 270 |
| 12/5/2026 | 22:00 | 6 | 195 |
| 12/5/2026 | 23:00 | 3 | 214 |

*** Tate's Cairn - HKO Automatic Weather Station**

| Date | Time | Wind Speed (km/h) | Prevailing Wind Direction (degrees) |
|-----------|-------|-------------------|-------------------------------------|
| 18/5/2026 | 0:00 | 0 | 0 |
| 18/5/2026 | 1:00 | 0 | 0 |
| 18/5/2026 | 2:00 | 0 | 0 |
| 18/5/2026 | 3:00 | 0 | 0 |
| 18/5/2026 | 4:00 | 0 | 0 |
| 18/5/2026 | 5:00 | 0 | 0 |
| 18/5/2026 | 6:00 | 0 | 0 |
| 18/5/2026 | 7:00 | 0 | 0 |
| 18/5/2026 | 8:00 | 0 | 0 |
| 18/5/2026 | 9:00 | 0 | 0 |
| 18/5/2026 | 10:00 | 0 | 0 |
| 18/5/2026 | 11:00 | 0 | 0 |
| 18/5/2026 | 12:00 | 0 | 0 |
| 18/5/2026 | 13:00 | 0 | 0 |
| 18/5/2026 | 14:00 | 0 | 0 |
| 18/5/2026 | 15:00 | 0 | 0 |
| 18/5/2026 | 16:00 | 0 | 0 |
| 18/5/2026 | 17:00 | 0 | 0 |
| 18/5/2026 | 18:00 | 0 | 0 |
| 18/5/2026 | 19:00 | 0 | 0 |
| 18/5/2026 | 20:00 | 0 | 0 |
| 18/5/2026 | 21:00 | 0 | 0 |
| 18/5/2026 | 22:00 | 0 | 0 |
| 18/5/2026 | 23:00 | 0 | 0 |
| 23/5/2026 | 0:00 | 0 | 0 |
| 23/5/2026 | 1:00 | 0 | 0 |
| 23/5/2026 | 2:00 | 0 | 0 |
| 23/5/2026 | 3:00 | 0 | 0 |
| 23/5/2026 | 4:00 | 0 | 0 |
| 23/5/2026 | 5:00 | 0 | 0 |
| 23/5/2026 | 6:00 | 0 | 0 |
| 23/5/2026 | 7:00 | 0 | 0 |
| 23/5/2026 | 8:00 | 0 | 0 |
| 23/5/2026 | 9:00 | 0 | 0 |
| 23/5/2026 | 10:00 | 0 | 0 |
| 23/5/2026 | 11:00 | 0 | 0 |
| 23/5/2026 | 12:00 | 0 | 0 |
| 23/5/2026 | 13:00 | 0 | 0 |
| 23/5/2026 | 14:00 | 0 | 0 |
| 23/5/2026 | 15:00 | 0 | 0 |
| 23/5/2026 | 16:00 | 0 | 0 |
| 23/5/2026 | 17:00 | 0 | 0 |
| 23/5/2026 | 18:00 | 0 | 0 |
| 23/5/2026 | 19:00 | 0 | 0 |
| 23/5/2026 | 20:00 | 0 | 0 |
| 23/5/2026 | 21:00 | 0 | 0 |
| 23/5/2026 | 22:00 | 0 | 0 |
| 23/5/2026 | 23:00 | 0 | 0 |

Tseung Kwan O - HKO Automatic Weather Station

| Date | Time | Wind Speed (km/h) | Prevailing Wind Direction (degrees) |
|-----------|-------|-------------------|-------------------------------------|
| 18/5/2026 | 0:00 | 7 | - |
| 18/5/2026 | 1:00 | 5 | - |
| 18/5/2026 | 2:00 | 8 | 153 |
| 18/5/2026 | 3:00 | 6 | 81 |
| 18/5/2026 | 4:00 | 9 | 139 |
| 18/5/2026 | 5:00 | 8 | 141 |
| 18/5/2026 | 6:00 | 5 | 133 |
| 18/5/2026 | 7:00 | 6 | 107 |
| 18/5/2026 | 8:00 | 8 | 109 |
| 18/5/2026 | 9:00 | 10 | 112 |
| 18/5/2026 | 10:00 | 9 | 118 |
| 18/5/2026 | 11:00 | 6 | - |
| 18/5/2026 | 12:00 | 10 | 85 |
| 18/5/2026 | 13:00 | 4 | - |
| 18/5/2026 | 14:00 | 9 | - |
| 18/5/2026 | 15:00 | 10 | - |
| 18/5/2026 | 16:00 | 8 | 35 |
| 18/5/2026 | 17:00 | 9 | 72 |
| 18/5/2026 | 18:00 | 10 | 76 |
| 18/5/2026 | 19:00 | 9 | 38 |
| 18/5/2026 | 20:00 | 10 | - |
| 18/5/2026 | 21:00 | 8 | 141 |
| 18/5/2026 | 22:00 | 8 | 55 |
| 18/5/2026 | 23:00 | 6 | 124 |
| 23/5/2026 | 0:00 | 6 | 212 |
| 23/5/2026 | 1:00 | 7 | 222 |
| 23/5/2026 | 2:00 | 4 | 243 |
| 23/5/2026 | 3:00 | 6 | 216 |
| 23/5/2026 | 4:00 | 5 | 253 |
| 23/5/2026 | 5:00 | 6 | 244 |
| 23/5/2026 | 6:00 | 5 | 249 |
| 23/5/2026 | 7:00 | 8 | 191 |
| 23/5/2026 | 8:00 | 9 | 193 |
| 23/5/2026 | 9:00 | 11 | 197 |
| 23/5/2026 | 10:00 | 12 | 195 |
| 23/5/2026 | 11:00 | 11 | 196 |
| 23/5/2026 | 12:00 | 10 | 200 |
| 23/5/2026 | 13:00 | 9 | 171 |
| 23/5/2026 | 14:00 | 8 | 196 |
| 23/5/2026 | 15:00 | 10 | 205 |
| 23/5/2026 | 16:00 | 11 | 190 |
| 23/5/2026 | 17:00 | 9 | 194 |
| 23/5/2026 | 18:00 | 9 | 196 |
| 23/5/2026 | 19:00 | 5 | 222 |
| 23/5/2026 | 20:00 | 6 | 212 |
| 23/5/2026 | 21:00 | 10 | 196 |
| 23/5/2026 | 22:00 | 5 | 221 |
| 23/5/2026 | 23:00 | 6 | 218 |

*** Tate's Cairn - HKO Automatic Weather Station**

| Date | Time | Wind Speed (km/h) | Prevailing Wind Direction (degrees) |
|-----------|-------|-------------------|-------------------------------------|
| 29/5/2026 | 0:00 | 0 | 0 |
| 29/5/2026 | 1:00 | 0 | 0 |
| 29/5/2026 | 2:00 | 0 | 0 |
| 29/5/2026 | 3:00 | 0 | 0 |
| 29/5/2026 | 4:00 | 0 | 0 |
| 29/5/2026 | 5:00 | 0 | 0 |
| 29/5/2026 | 6:00 | 0 | 0 |
| 29/5/2026 | 7:00 | 0 | 0 |
| 29/5/2026 | 8:00 | 0 | 0 |
| 29/5/2026 | 9:00 | 0 | 0 |
| 29/5/2026 | 10:00 | 0 | 0 |
| 29/5/2026 | 11:00 | 0 | 0 |
| 29/5/2026 | 12:00 | 0 | 0 |
| 29/5/2026 | 13:00 | 0 | 0 |
| 29/5/2026 | 14:00 | 0 | 0 |
| 29/5/2026 | 15:00 | 0 | 0 |
| 29/5/2026 | 16:00 | 0 | 0 |
| 29/5/2026 | 17:00 | 0 | 0 |
| 29/5/2026 | 18:00 | 0 | 0 |
| 29/5/2026 | 19:00 | 0 | 0 |
| 29/5/2026 | 20:00 | 0 | 0 |
| 29/5/2026 | 21:00 | 0 | 0 |
| 29/5/2026 | 22:00 | 0 | 0 |
| 29/5/2026 | 23:00 | 0 | 0 |

Tseung Kwan O - HKO Automatic Weather Station

| Date | Time | Wind Speed (km/h) | Prevailing Wind Direction (degrees) |
|-----------|-------|-------------------|-------------------------------------|
| 29/5/2026 | 0:00 | 9 | 205 |
| 29/5/2026 | 1:00 | 6 | 237 |
| 29/5/2026 | 2:00 | 4 | - |
| 29/5/2026 | 3:00 | 2 | 315 |
| 29/5/2026 | 4:00 | 4 | - |
| 29/5/2026 | 5:00 | 3 | 270 |
| 29/5/2026 | 6:00 | 1 | 223 |
| 29/5/2026 | 7:00 | 3 | 297 |
| 29/5/2026 | 8:00 | 5 | 242 |
| 29/5/2026 | 9:00 | 4 | 315 |
| 29/5/2026 | 10:00 | 8 | - |
| 29/5/2026 | 11:00 | 5 | 203 |
| 29/5/2026 | 12:00 | 9 | 248 |
| 29/5/2026 | 13:00 | 6 | 260 |
| 29/5/2026 | 14:00 | 10 | 203 |
| 29/5/2026 | 15:00 | 12 | 266 |
| 29/5/2026 | 16:00 | 9 | 206 |
| 29/5/2026 | 17:00 | 5 | 204 |
| 29/5/2026 | 18:00 | 11 | 44 |
| 29/5/2026 | 19:00 | 1 | 324 |
| 29/5/2026 | 20:00 | 3 | 81 |
| 29/5/2026 | 21:00 | 9 | 62 |
| 29/5/2026 | 22:00 | 15 | - |
| 29/5/2026 | 23:00 | 11 | 50 |

* 'Tate's Cairn - HKO Automatic Weather Station was under maintenance

Appendix 5.1

Monitoring Schedules for Reporting Month

SERVICE CONTRACT NO. EDO/03/2025
ENVIRONMENTAL TEAM FOR DEVELOPMENT OF
ANDERSON ROAD QUARRY SITE - ROAD IMPROVEMENT WORKS
Impact Water Quality, Air Quality and Noise Monitoring Schedule
May 2026

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|------------|----------------------|-------------------|----------|--------|----------|
| | | | | | 1-May | 2-May |
| | | | | | | WQM |
| 3-May | 4-May | 5-May | 6-May | 7-May | 8-May | 9-May |
| | WQM | | WQM AQM NM | | WQM | |
| 10-May | 11-May | 12-May | 13-May | 14-May | 15-May | 16-May |
| | WQM | AQM NM (NMC01-04) | WQM NM (NMC05) | | WQM | |
| 17-May | 18-May | 19-May | 20-May | 21-May | 22-May | 23-May |
| | WQM AQM | NM (NMC01-04) | WQM NM (NMC05) | | WQM | AQM |
| 24-May | 25-May | 26-May | 27-May | 28-May | 29-May | 30-May |
| | | WQM | NM | WQM | AQM | WQM |
| 31-May | | | | | | |

Remark:

1. WQM: Water Quality Monitoring

AQM: Air Quality Monitoring

NM: Noise monitoring is scheduled at the beginning of each week, actual monitoring will be subject to site and weather condition

2. Monitoring Location:

| Inland Water | Station | Description |
|--|---------|---------------------------|
| Channelized nullah across the project site | E/ AC1 | Upstream Control Station |
| | F | Downstream Impact Station |
| Ma Yau Tong Stream | H | Upstream Control Station |
| | I | Downstream Impact Station |

3. The interval between 2 sets of monitoring should not be less than 36 hours

SERVICE CONTRACT NO. EDO/03/2025
ENVIRONMENTAL TEAM FOR DEVELOPMENT OF
ANDERSON ROAD QUARRY SITE - ROAD IMPROVEMENT WORKS
Tentative Impact Water Quality, Air Quality and Noise Monitoring Schedule
June 2026

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

Remark:

1. WQM: Water Quality Monitoring

AQM: Air Quality Monitoring

NM: Noise monitoring is scheduled at the beginning of each week, actual monitoring will be subject to site and weather condition

2. Monitoring Location:

| Inland Water | Station | Description |
|--|---------|---------------------------|
| Channelized nullah across the project site | E/ AC1 | Upstream Control Station |
| | F | Downstream Impact Station |
| Ma Yau Tong Stream | H | Upstream Control Station |
| | I | Downstream Impact Station |

3. The interval between 2 sets of monitoring should not be less than 36 hours

SERVICE CONTRACT NO. EDO/03/2025
ENVIRONMENTAL TEAM FOR DEVELOPMENT OF
ANDERSON ROAD QUARRY SITE - ROAD IMPROVEMENT WORKS
Tentative Impact Water Quality, Air Quality and Noise Monitoring Schedule
July 2026

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

Remark:

1. WQM: Water Quality Monitoring

AQM: Air Quality Monitoring

NM: Noise monitoring is scheduled at the beginning of each week, actual monitoring will be subject to site and weather condition

2. Monitoring Location:

| Inland Water | Station | Description |
|--|---------|---------------------------|
| Channelized nullah across the project site | E/ AC1 | Upstream Control Station |
| | F | Downstream Impact Station |
| Ma Yau Tong Stream | H | Upstream Control Station |
| | I | Downstream Impact Station |

3. The interval between 2 sets of monitoring should not be less than 36 hours

SERVICE CONTRACT NO. EDO/03/2025
ENVIRONMENTAL TEAM FOR DEVELOPMENT OF
ANDERSON ROAD QUARRY SITE - ROAD IMPROVEMENT WORKS
Tentative Impact Water Quality, Air Quality and Noise Monitoring Schedule
August 2026

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

Remark:

1. WQM: Water Quality Monitoring

AQM: Air Quality Monitoring

NM: Noise monitoring is scheduled at the beginning of each week, actual monitoring will be subject to site and weather condition

2. Monitoring Location:

| Inland Water | Station | Description |
|--|---------|---------------------------|
| Channelized nullah across the project site | E/ AC1 | Upstream Control Station |
| | F | Downstream Impact Station |
| Ma Yau Tong Stream | H | Upstream Control Station |
| | I | Downstream Impact Station |

3. The interval between 2 sets of monitoring should not be less than 36 hours

Appendix 5.2

Noise Monitoring Results and Graphical Presentations

Noise Monitoring Result**Day Time (0700 - 1900hrs on normal weekdays)**

Location: NMC-01 - G/F, Kei Shun Special School

| Date | Weather | Time | Measurement Noise Level | | | Average Noise Level | Baseline Level | Construction Noise Level | Limit Level |
|-------------|---------|-------|-------------------------|------|------|-----------------------|----------------|--------------------------|-------------|
| | | | Leq | L10 | L90 | Leq | Leq | Leq | Leq |
| | | | Unit: dB(A), (5-min) | | | Unit: dB(A), (30-min) | | | |
| 6 May 2026 | Fine | 15:30 | 68.5 | 71.2 | 62.8 | 68.9 | 69.3 | <Baseline Level | 70 |
| | | 15:35 | 69.1 | 70.9 | 63.2 | | | | |
| | | 15:40 | 68.8 | 70.8 | 62.9 | | | | |
| | | 15:45 | 68.9 | 71.0 | 63.1 | | | | |
| | | 15:50 | 69.2 | 71.2 | 62.8 | | | | |
| | | 15:55 | 69.0 | 71.1 | 62.9 | | | | |
| 12 May 2026 | Fine | 14:00 | 71.9 | 74.0 | 68.5 | 70.8 | 69.3 | 65 | 70 |
| | | 14:05 | 70.2 | 72.4 | 66.7 | | | | |
| | | 14:10 | 70.1 | 72.0 | 65.7 | | | | |
| | | 14:15 | 70.7 | 72.6 | 66.0 | | | | |
| | | 14:20 | 71.3 | 73.7 | 66.1 | | | | |
| | | 14:25 | 70.1 | 72.3 | 66.1 | | | | |
| 19 May 2026 | Fine | 11:00 | 68.5 | 71.2 | 62.8 | 68.9 | 69.3 | <Baseline Level | 70 |
| | | 11:05 | 69.1 | 70.9 | 63.2 | | | | |
| | | 11:10 | 68.8 | 70.8 | 62.9 | | | | |
| | | 11:15 | 68.9 | 71.0 | 63.1 | | | | |
| | | 11:20 | 69.2 | 71.2 | 62.8 | | | | |
| | | 11:25 | 69.0 | 71.1 | 62.9 | | | | |
| 27 May 2026 | Fine | 14:45 | 69.2 | 72.9 | 64.1 | 69.3 | 69.3 | <Baseline Level | 70 |
| | | 14:50 | 70.2 | 72.4 | 64.2 | | | | |
| | | 14:55 | 69.8 | 72.5 | 65.1 | | | | |
| | | 15:00 | 69.2 | 72.8 | 64.2 | | | | |
| | | 15:05 | 68.4 | 72.8 | 64.6 | | | | |
| | | 15:10 | 68.6 | 72.9 | 64.6 | | | | |

Remarks:

Underline denotes exceedance over Limit Level.

Noise Monitoring Result**Day Time (0700 - 1900hrs on normal weekdays)**

Location: NMC-02 - 3/F podium, Shun Lee Disciplined Services Quarters Block 6

| Date | Weather | Time | Measurement Noise Level | | | Average Noise Level | Baseline Level | Construction Noise Level | Limit Level |
|-------------|---------|-------|-------------------------|------|------|-----------------------|----------------|--------------------------|-------------|
| | | | Leq | L10 | L90 | Leq | Leq | Leq | Leq |
| | | | Unit: dB(A), (5-min) | | | Unit: dB(A), (30-min) | | | |
| 6 May 2026 | Fine | 13:45 | 68.5 | 72.2 | 62.7 | 67.7 | 72.0 | <Baseline Level | 75 |
| | | 13:50 | 67.4 | 69.7 | 63.5 | | | | |
| | | 13:55 | 67.6 | 69.9 | 63.4 | | | | |
| | | 14:00 | 67.9 | 70.1 | 63.7 | | | | |
| | | 14:05 | 66.8 | 69.0 | 63.2 | | | | |
| | | 14:10 | 67.6 | 69.9 | 63.8 | | | | |
| 12 May 2026 | Fine | 13:10 | 70.2 | 72.5 | 62.6 | 70.8 | 72.0 | <Baseline Level | 75 |
| | | 13:15 | 70.5 | 73.0 | 63.0 | | | | |
| | | 13:20 | 70.9 | 72.8 | 62.3 | | | | |
| | | 13:25 | 71.1 | 72.4 | 62.4 | | | | |
| | | 13:30 | 71.2 | 72.6 | 63.1 | | | | |
| | | 13:35 | 70.8 | 72.6 | 63.1 | | | | |
| 19 May 2026 | Fine | 10:20 | 70.5 | 72.5 | 61.9 | 70.2 | 72.0 | <Baseline Level | 75 |
| | | 10:25 | 69.8 | 71.4 | 62.1 | | | | |
| | | 10:30 | 69.9 | 71.6 | 62.0 | | | | |
| | | 10:35 | 70.2 | 72.6 | 61.8 | | | | |
| | | 10:40 | 70.5 | 72.8 | 62.2 | | | | |
| | | 10:45 | 70.3 | 72.1 | 61.9 | | | | |
| 27 May 2026 | Fine | 14:00 | 71.2 | 72.9 | 62.1 | 70.9 | 72.0 | <Baseline Level | 75 |
| | | 14:05 | 71.0 | 72.5 | 62.0 | | | | |
| | | 14:10 | 70.8 | 72.4 | 62.5 | | | | |
| | | 14:15 | 70.9 | 72.5 | 62.3 | | | | |
| | | 14:20 | 70.8 | 72.7 | 62.1 | | | | |
| | | 14:25 | 70.7 | 72.4 | 62.0 | | | | |

Remarks:

Underline denotes exceedance over Limit Level.

Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: NMC-03 - G/F, Sienna Garden Block 6

| Date | Weather | Time | Measurement Noise Level | | | Average Noise Level | Baseline Level | Construction Noise Level | Limit Level |
|-------------|---------|-------|-------------------------|------|------|-----------------------|----------------|--------------------------|-------------|
| | | | Leq | L10 | L90 | Leq | Leq | Leq | Leq |
| | | | Unit: dB(A), (5-min) | | | Unit: dB(A), (30-min) | | | |
| 6 May 2026 | Fine | 13:00 | 75.1 | 79.8 | 63.1 | 75.0 | 78.2 | <Baseline Level | 75 |
| | | 13:05 | 75.8 | 78.8 | 62.9 | | | | |
| | | 13:10 | 74.8 | 78.9 | 62.5 | | | | |
| | | 13:15 | 74.5 | 79.5 | 62.8 | | | | |
| | | 13:20 | 74.6 | 78.2 | 63.0 | | | | |
| | | 13:25 | 75.1 | 78.0 | 62.8 | | | | |
| 12 May 2026 | Fine | 10:50 | 76.4 | 80.3 | 65.6 | 78.1 | 78.2 | <Baseline Level | 75 |
| | | 10:55 | 78.8 | 81.9 | 65.5 | | | | |
| | | 11:00 | 78.8 | 80.9 | 66.3 | | | | |
| | | 11:05 | 78.3 | 81.3 | 68.2 | | | | |
| | | 11:10 | 79.3 | 82.6 | 66.0 | | | | |
| | | 11:15 | 76.4 | 80.5 | 65.1 | | | | |
| 19 May 2026 | Fine | 9:40 | 75.8 | 78.5 | 63.2 | 75.9 | 78.2 | <Baseline Level | 75 |
| | | 9:45 | 76.2 | 77.9 | 62.8 | | | | |
| | | 9:50 | 76.8 | 78.2 | 62.4 | | | | |
| | | 9:55 | 75.9 | 77.9 | 63.8 | | | | |
| | | 10:00 | 74.8 | 78.2 | 62.1 | | | | |
| | | 10:05 | 75.6 | 79.5 | 62.9 | | | | |
| 27 May 2026 | Fine | 13:00 | 79.2 | 82.9 | 68.7 | 78.8 | 78.2 | 70.3 | 75 |
| | | 13:05 | 78.0 | 81.2 | 67.7 | | | | |
| | | 13:10 | 79.0 | 81.6 | 66.2 | | | | |
| | | 13:15 | 78.5 | 80.8 | 67.3 | | | | |
| | | 13:20 | 79.4 | 83.4 | 70.0 | | | | |
| | | 13:25 | 78.5 | 82.0 | 70.4 | | | | |

Remarks:

Underline denotes exceedance over Limit Level.

Noise Monitoring Result**Day Time (0700 - 1900hrs on normal weekdays)**

Location: NMC-04 - 3/F Podium, Po Tat Estate Tat Kai House

| Date | Weather | Time | Measurement Noise Level | | | Average Noise Level | Baseline Level | Construction Noise Level | Limit Level |
|-------------|---------|-------|-------------------------|------|------|-----------------------|----------------|--------------------------|-------------|
| | | | Leq | L10 | L90 | Leq | Leq | Leq | Leq |
| | | | Unit: dB(A), (5-min) | | | Unit: dB(A), (30-min) | | | |
| 6 May 2026 | Fine | 11:00 | 65.1 | 65.9 | 63.7 | 65.2 | 66.6 | <Baseline Level | 75 |
| | | 11:05 | 65.5 | 66.5 | 64.2 | | | | |
| | | 11:10 | 64.9 | 65.7 | 63.4 | | | | |
| | | 11:15 | 65.0 | 65.9 | 63.6 | | | | |
| | | 11:20 | 65.3 | 66.0 | 63.3 | | | | |
| | | 11:25 | 65.1 | 80.5 | 65.1 | | | | |
| 12 May 2026 | Fine | 10:00 | 64.2 | 65.0 | 63.4 | 64.5 | 66.6 | <Baseline Level | 75 |
| | | 10:05 | 64.3 | 65.3 | 63.4 | | | | |
| | | 10:10 | 64.2 | 64.8 | 63.6 | | | | |
| | | 10:15 | 64.9 | 65.5 | 64.1 | | | | |
| | | 10:20 | 65.0 | 66.3 | 63.7 | | | | |
| | | 10:25 | 64.6 | 65.6 | 63.7 | | | | |
| 19 May 2026 | Fine | 9:00 | 65.2 | 66.8 | 61.2 | 65.5 | 66.6 | <Baseline Level | 75 |
| | | 9:05 | 65.8 | 67.2 | 62.0 | | | | |
| | | 9:10 | 66.4 | 67.2 | 61.8 | | | | |
| | | 9:15 | 65.2 | 66.4 | 61.1 | | | | |
| | | 9:20 | 64.8 | 66.8 | 61.3 | | | | |
| | | 9:25 | 65.2 | 66.8 | 61.5 | | | | |
| 27 May 2026 | Fine | 11:00 | 64.5 | 66.2 | 62.1 | 64.7 | 66.6 | <Baseline Level | 75 |
| | | 11:05 | 64.1 | 66.0 | 62.2 | | | | |
| | | 11:10 | 64.8 | 66.5 | 62.5 | | | | |
| | | 11:15 | 65.2 | 66.8 | 62.0 | | | | |
| | | 11:20 | 64.9 | 66.9 | 62.3 | | | | |
| | | 11:25 | 64.8 | 67.1 | 62.4 | | | | |

Remarks:

Underline denotes exceedance over Limit Level.

Noise Monitoring Result**Day Time (0700 - 1900hrs on normal weekdays)**

Location: NMC-05 - G/F, Hong Wah Court Block B Yee Hong House

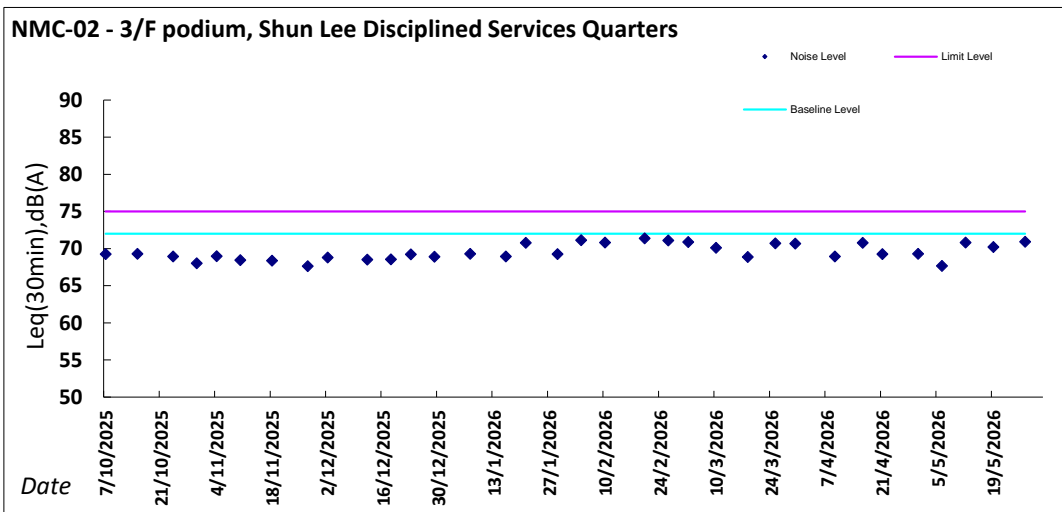
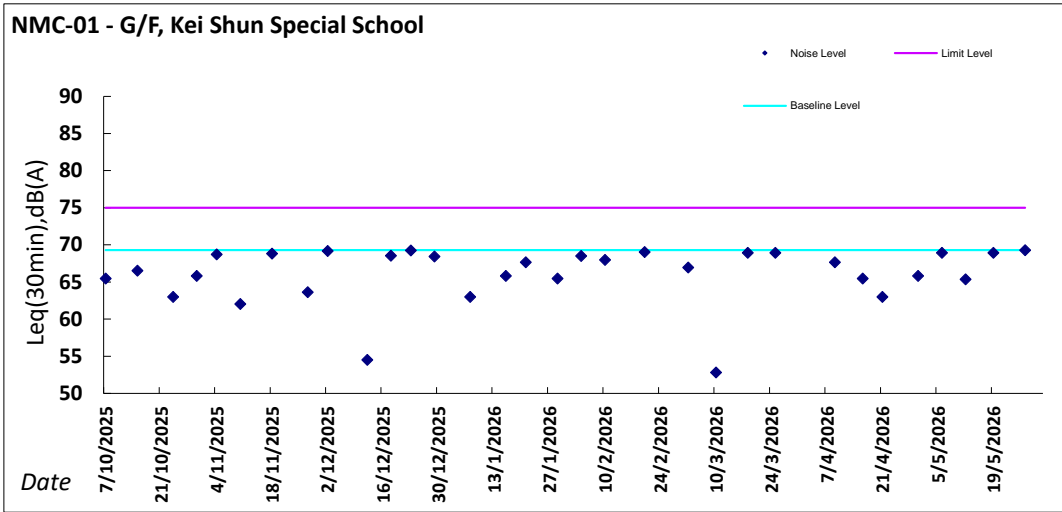
| Date | Weather | Time | Measurement Noise Level | | | Average Noise Level | Baseline Level | Construction Noise Level | Limit Level |
|-------------|---------|-------|-------------------------|------|------|-----------------------|----------------|--------------------------|-------------|
| | | | Leq | L10 | L90 | Leq | Leq | Leq | Leq |
| | | | Unit: dB(A), (5-min) | | | Unit: dB(A), (30-min) | | | |
| 6 May 2026 | Fine | 8:50 | 68.0 | 69.7 | 63.9 | 67.7 | 61.8 | 66.4 | 75 |
| | | 8:55 | 67.9 | 70.3 | 64.3 | | | | |
| | | 9:00 | 67.4 | 69.6 | 64.0 | | | | |
| | | 9:05 | 68.2 | 70.3 | 65.0 | | | | |
| | | 9:10 | 67.4 | 70.3 | 64.1 | | | | |
| | | 9:15 | 67.1 | 69.3 | 64.1 | | | | |
| 13 May 2026 | Fine | 9:00 | 67.1 | 69.6 | 61.7 | 67.0 | 61.8 | 65.4 | 75 |
| | | 9:05 | 66.8 | 69.1 | 63.1 | | | | |
| | | 9:10 | 66.9 | 68.7 | 63.6 | | | | |
| | | 9:15 | 66.4 | 68.7 | 62.3 | | | | |
| | | 9:20 | 67.6 | 70.4 | 62.2 | | | | |
| | | 9:25 | 66.6 | 68.9 | 62.2 | | | | |
| 20 May 2026 | Fine | 9:35 | 71.6 | 73.5 | 66.1 | 70.0 | 61.8 | 69.3 | 75 |
| | | 9:40 | 69.2 | 72.0 | 53.9 | | | | |
| | | 9:45 | 62.6 | 65.8 | 57.7 | | | | |
| | | 9:50 | 70.1 | 72.5 | 65.2 | | | | |
| | | 9:55 | 71.2 | 74.3 | 64.4 | | | | |
| | | 10:00 | 71.0 | 74.3 | 63.6 | | | | |
| 27 May 2026 | Fine | 8:45 | 69.3 | 71.5 | 62.5 | 68.0 | 61.8 | 66.8 | 75 |
| | | 8:50 | 67.7 | 69.9 | 63.1 | | | | |
| | | 8:55 | 67.6 | 69.7 | 63.0 | | | | |
| | | 9:00 | 67.8 | 69.8 | 62.8 | | | | |
| | | 9:05 | 67.6 | 70.8 | 63.1 | | | | |
| | | 9:10 | 67.6 | 69.9 | 63.0 | | | | |

Remarks:

Underline denotes exceedance over Limit Level.

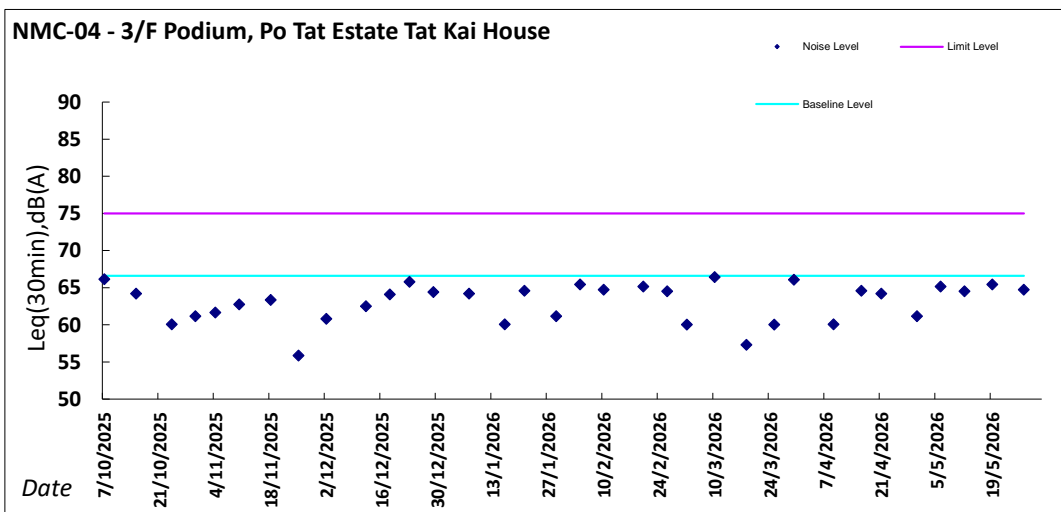
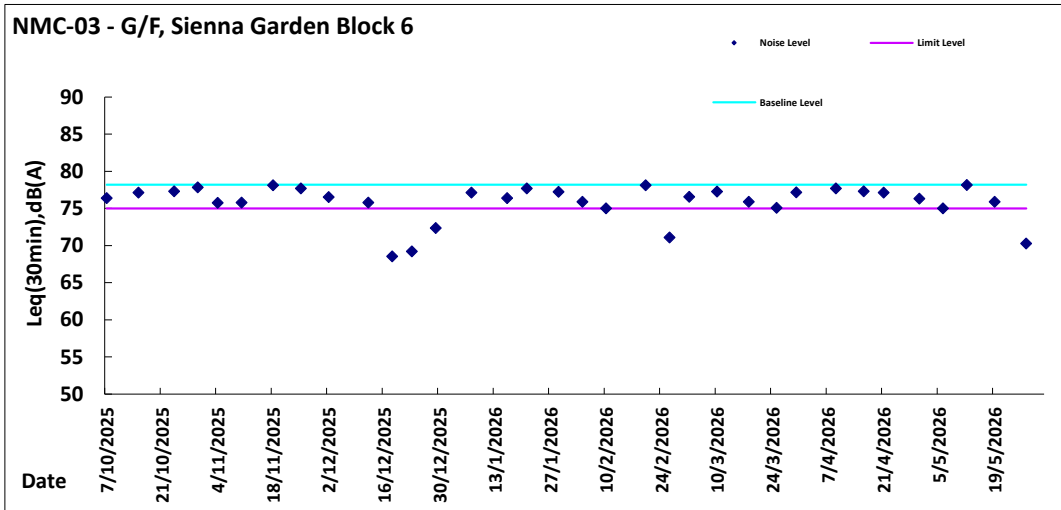
Graphic Presentation of Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)



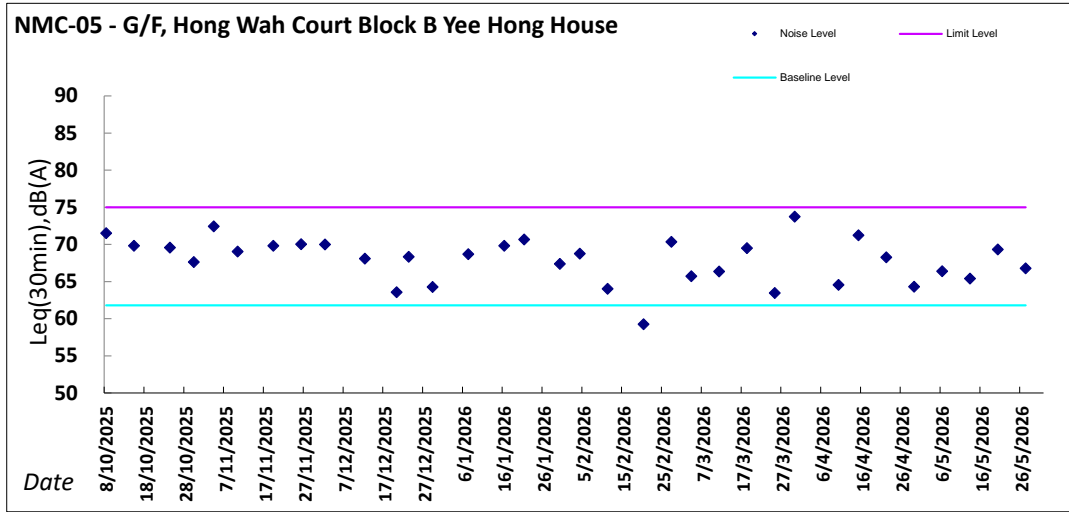
Graphic Presentation of Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)



Graphic Presentation of Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)



Appendix 5.3

Air Quality Monitoring Results and Graphical Presentations

Report on 1-hour TSP monitoring at NCWBR_AMS-1 - Shun Lee Fire Station

Action Level ($\mu\text{g}/\text{m}^3$) - 284.4Limit Level ($\mu\text{g}/\text{m}^3$) - 500.0

| Date | Weather Condition | Time | Mass Concentration ($\mu\text{g}/\text{m}^3$) |
|-----------|-------------------|-------|---|
| 6-May-26 | Fine | 8:36 | 22.8 |
| 6-May-26 | Fine | 9:37 | 25.7 |
| 6-May-26 | Fine | 10:38 | 29.1 |
| 12-May-26 | Fine | 8:19 | 10.2 |
| 12-May-26 | Fine | 9:20 | 8.4 |
| 12-May-26 | Fine | 10:21 | 7.6 |
| 18-May-26 | Fine | 8:19 | 10.2 |
| 18-May-26 | Fine | 9:20 | 8.4 |
| 18-May-26 | Fine | 10:21 | 7.6 |
| 23-May-26 | Fine | 8:41 | 39.3 |
| 23-May-26 | Fine | 9:42 | 31.5 |
| 23-May-26 | Fine | 10:43 | 30.5 |
| 29-May-26 | Fine | 8:41 | 8.6 |
| 29-May-26 | Fine | 9:42 | 9.9 |
| 29-May-26 | Fine | 10:43 | 7.3 |

Remarks:

Single underline denotes exceedance over Action Level.

Double underline denotes exceedance over Limit Level.

Report on 1-hour TSP monitoring at NCWBR_AMS-2 - Shun Lee Estate Lee Hang House

Action Level ($\mu\text{g}/\text{m}^3$) - 282.4
Limit Level ($\mu\text{g}/\text{m}^3$) - 500.0

| Date | Weather Condition | Time | Mass Concentration ($\mu\text{g}/\text{m}^3$) |
|-----------|-------------------|-------|---|
| 6-May-26 | Fine | 8:11 | 54.9 |
| 6-May-26 | Fine | 9:12 | 61.3 |
| 6-May-26 | Fine | 10:13 | 67.6 |
| 12-May-26 | Fine | 8:00 | 36.4 |
| 12-May-26 | Fine | 9:01 | 15.4 |
| 12-May-26 | Fine | 10:02 | 18.0 |
| 18-May-26 | Fine | 8:29 | 171.4 |
| 18-May-26 | Fine | 9:30 | 116.8 |
| 18-May-26 | Fine | 10:31 | 89.2 |
| 23-May-26 | Fine | 8:08 | 143.3 |
| 23-May-26 | Fine | 9:09 | 126.5 |
| 23-May-26 | Fine | 10:10 | 98.4 |
| 29-May-26 | Fine | 8:46 | 66.9 |
| 29-May-26 | Fine | 9:47 | 42.6 |
| 29-May-26 | Fine | 10:48 | 39.3 |

Remarks:

Single underline denotes exceedance over Action Level.

Double underline denotes exceedance over Limit Level.

Report on 1-hour TSP monitoring at NCWBR_AMS-3 - Shun Lee Disciplined Services
Quarters (Block 6)

Action Level ($\mu\text{g}/\text{m}^3$) - 287.9
Limit Level ($\mu\text{g}/\text{m}^3$) - 500.0

| Date | Weather Condition | Time | Mass Concentration ($\mu\text{g}/\text{m}^3$) |
|-----------|-------------------|-------|---|
| 6-May-26 | Fine | 8:38 | 26.2 |
| 6-May-26 | Fine | 9:39 | 28.2 |
| 6-May-26 | Fine | 10:40 | 30.5 |
| 12-May-26 | Fine | 8:15 | 54.4 |
| 12-May-26 | Fine | 9:16 | 21.7 |
| 12-May-26 | Fine | 10:17 | 21.3 |
| 18-May-26 | Fine | 8:10 | 77.6 |
| 18-May-26 | Fine | 9:11 | 62.7 |
| 18-May-26 | Fine | 10:12 | 50.1 |
| 23-May-26 | Fine | 8:43 | 38.3 |
| 23-May-26 | Fine | 9:44 | 31.2 |
| 23-May-26 | Fine | 10:45 | 30.8 |
| 29-May-26 | Fine | 8:46 | 13.3 |
| 29-May-26 | Fine | 9:47 | 14.8 |
| 29-May-26 | Fine | 10:48 | 13.6 |

Remarks:

Single underline denotes exceedance over Action Level.

Double underline denotes exceedance over Limit Level.

Report on 1-hour TSP monitoring at NCWBR_AMS-4 - Sienna Garden

Action Level ($\mu\text{g}/\text{m}^3$) - 281.6Limit Level ($\mu\text{g}/\text{m}^3$) - 500.0

| Date | Weather Condition | Time | Mass Concentration ($\mu\text{g}/\text{m}^3$) |
|-----------|-------------------|-------|---|
| 6-May-26 | Fine | 8:33 | 43.9 |
| 6-May-26 | Fine | 9:34 | 64.6 |
| 6-May-26 | Fine | 10:35 | 50.6 |
| 12-May-26 | Fine | 8:25 | 48.5 |
| 12-May-26 | Fine | 9:26 | 74.8 |
| 12-May-26 | Fine | 10:27 | 59.5 |
| 18-May-26 | Fine | 8:27 | 44.0 |
| 18-May-26 | Fine | 9:28 | 40.5 |
| 18-May-26 | Fine | 10:29 | 38.4 |
| 23-May-26 | Fine | 8:11 | 121.2 |
| 23-May-26 | Fine | 9:12 | 105.8 |
| 23-May-26 | Fine | 10:13 | 75.7 |
| 29-May-26 | Fine | 8:46 | 33.4 |
| 29-May-26 | Fine | 9:47 | 55.3 |
| 29-May-26 | Fine | 10:48 | 56.8 |

Remarks:

Single underline denotes exceedance over Action Level.

Double underline denotes exceedance over Limit Level.

Report on 1-hour TSP monitoring at NCWBR_AMS-5 - Shun Chi Court Shun Fung House

Action Level ($\mu\text{g}/\text{m}^3$) - 270.0
Limit Level ($\mu\text{g}/\text{m}^3$) - 500.0

| Date | Weather Condition | Time | Mass Concentration ($\mu\text{g}/\text{m}^3$) |
|-----------|-------------------|-------|---|
| 6-May-26 | Fine | 8:20 | 72.3 |
| 6-May-26 | Fine | 9:21 | 69.1 |
| 6-May-26 | Fine | 10:22 | 61.2 |
| 12-May-26 | Fine | 8:00 | 60.1 |
| 12-May-26 | Fine | 9:01 | 49.0 |
| 12-May-26 | Fine | 10:02 | 24.3 |
| 18-May-26 | Fine | 8:38 | 247.9 |
| 18-May-26 | Fine | 9:39 | 136.6 |
| 18-May-26 | Fine | 10:40 | 104.8 |
| 23-May-26 | Fine | 8:11 | 126.2 |
| 23-May-26 | Fine | 9:12 | 179.3 |
| 23-May-26 | Fine | 10:13 | 98.5 |
| 29-May-26 | Fine | 8:38 | 30.9 |
| 29-May-26 | Fine | 9:39 | 146.1 |
| 29-May-26 | Fine | 10:40 | 141.3 |

Remarks:

Single underline denotes exceedance over Action Level.

Double underline denotes exceedance over Limit Level.

Report on 1-hour TSP monitoring at LTR_AMS-1 - St Edward's Catholic Primary School

Action Level ($\mu\text{g}/\text{m}^3$) - 272.1
Limit Level ($\mu\text{g}/\text{m}^3$) - 500.0

| Date | Weather Condition | Time | Mass Concentration ($\mu\text{g}/\text{m}^3$) |
|-----------|-------------------|-------|---|
| 6-May-26 | Fine | 8:56 | 13.3 |
| 6-May-26 | Fine | 9:57 | 13.9 |
| 6-May-26 | Fine | 10:58 | 15.6 |
| 12-May-26 | Fine | 8:55 | 44.7 |
| 12-May-26 | Fine | 9:56 | 26.4 |
| 12-May-26 | Fine | 10:57 | 30.2 |
| 18-May-26 | Fine | 8:57 | 70.9 |
| 18-May-26 | Fine | 9:58 | 79.0 |
| 18-May-26 | Fine | 10:59 | 63.9 |
| 23-May-26 | Fine | 7:48 | 15.1 |
| 23-May-26 | Fine | 8:49 | 11.1 |
| 23-May-26 | Fine | 9:50 | 9.1 |
| 29-May-26 | Fine | 8:56 | 43.6 |
| 29-May-26 | Fine | 9:57 | 28.6 |
| 29-May-26 | Fine | 10:58 | 31.0 |

Remarks:

Single underline denotes exceedance over Action Level.

Double underline denotes exceedance over Limit Level.

Report on 1-hour TSP monitoring at LTR_AMS-2 - Environmental Protection
Department's Restored Landfill Site Office

Action Level ($\mu\text{g}/\text{m}^3$) - 281.1
Limit Level ($\mu\text{g}/\text{m}^3$) - 500.0

| Date | Weather Condition | Time | Mass Concentration ($\mu\text{g}/\text{m}^3$) |
|-----------|-------------------|-------|---|
| 6-May-26 | Fine | 8:51 | 46.5 |
| 6-May-26 | Fine | 9:52 | 51.5 |
| 6-May-26 | Fine | 10:53 | 56.5 |
| 12-May-26 | Fine | 8:50 | 56.1 |
| 12-May-26 | Fine | 9:51 | 52.9 |
| 12-May-26 | Fine | 10:52 | 48.1 |
| 18-May-26 | Fine | 8:46 | 122.1 |
| 18-May-26 | Fine | 9:47 | 127.3 |
| 18-May-26 | Fine | 10:48 | 111.0 |
| 23-May-26 | Fine | 8:15 | 25.9 |
| 23-May-26 | Fine | 9:16 | 18.7 |
| 23-May-26 | Fine | 10:17 | 19.8 |
| 29-May-26 | Fine | 8:35 | 52.2 |
| 29-May-26 | Fine | 9:36 | 36.8 |
| 29-May-26 | Fine | 10:37 | 36.9 |

Remarks:

Single underline denotes exceedance over Action Level.

Double underline denotes exceedance over Limit Level.

Report on 1-hour TSP monitoring at LTR_AMS-3 - Po Tat Estate Tat Kai House

Action Level ($\mu\text{g}/\text{m}^3$) - 285.1Limit Level ($\mu\text{g}/\text{m}^3$) - 500.0

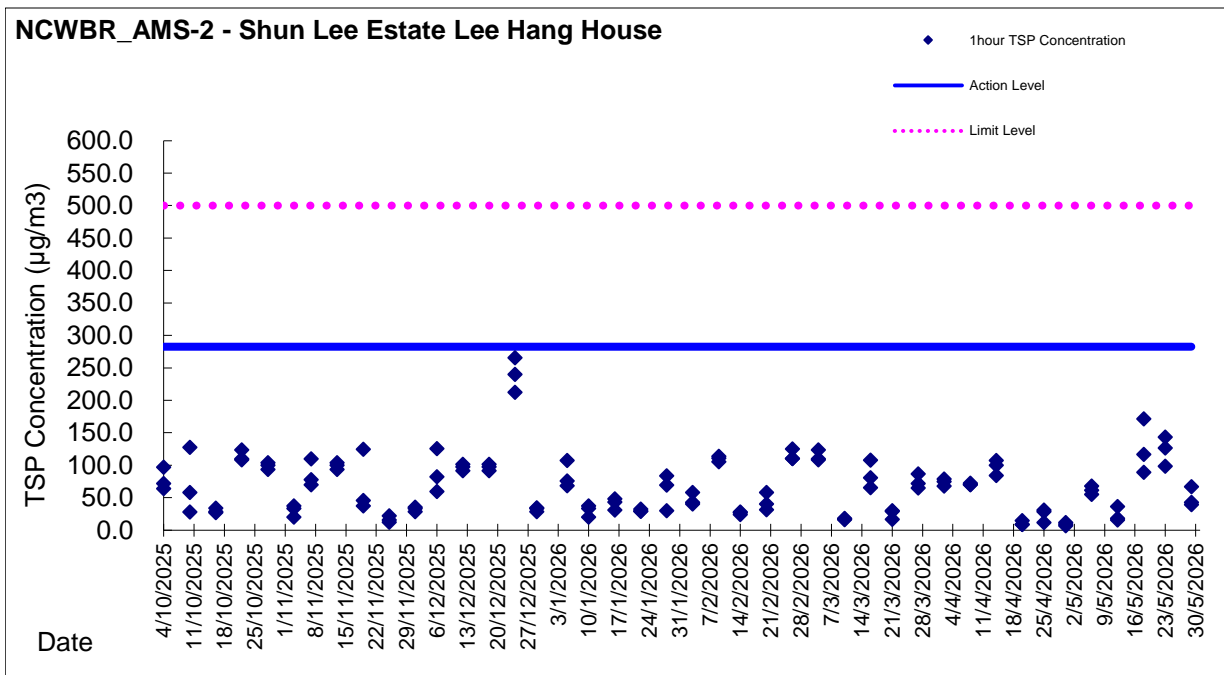
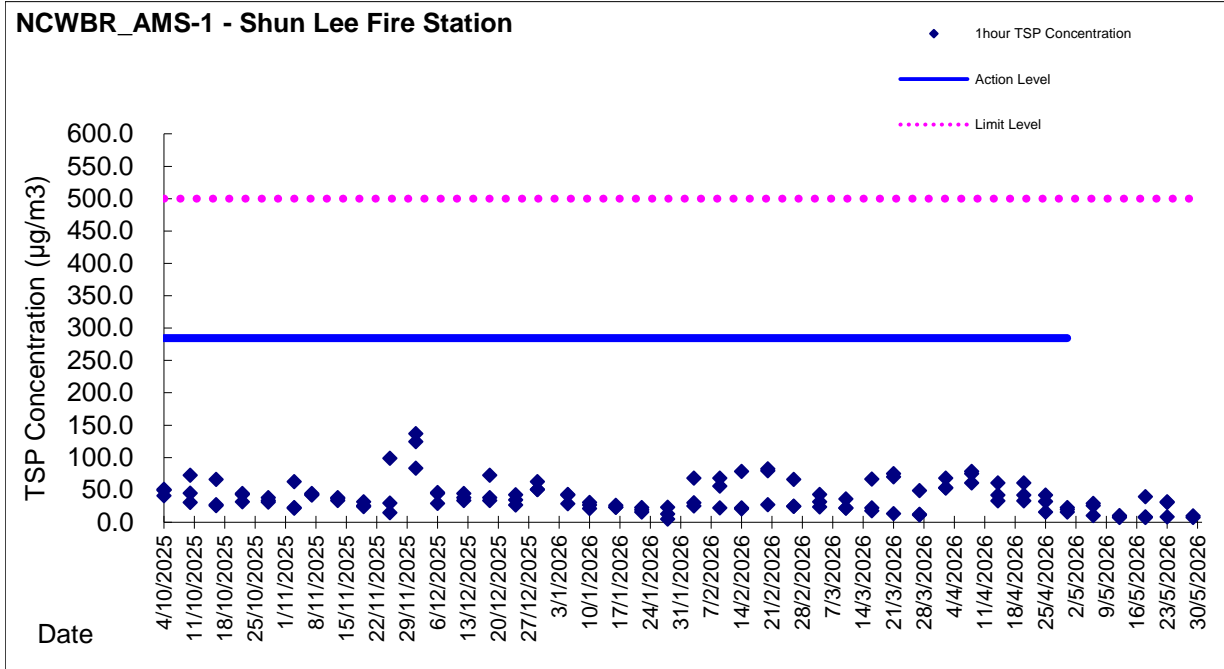
| Date | Weather Condition | Time | Mass Concentration ($\mu\text{g}/\text{m}^3$) |
|-----------|-------------------|-------|---|
| 6-May-26 | Fine | 8:54 | 22.5 |
| 6-May-26 | Fine | 9:55 | 14.3 |
| 6-May-26 | Fine | 10:56 | 13.8 |
| 12-May-26 | Fine | 8:37 | 22.4 |
| 12-May-26 | Fine | 9:38 | 18.5 |
| 12-May-26 | Fine | 10:39 | 16.0 |
| 18-May-26 | Fine | 8:43 | 57.9 |
| 18-May-26 | Fine | 9:44 | 59.5 |
| 18-May-26 | Fine | 10:45 | 47.3 |
| 23-May-26 | Fine | 8:44 | 58.3 |
| 23-May-26 | Fine | 9:45 | 48.0 |
| 23-May-26 | Fine | 10:46 | 55.7 |
| 29-May-26 | Fine | 8:52 | 18.8 |
| 29-May-26 | Fine | 9:53 | 17.2 |
| 29-May-26 | Fine | 10:54 | 27.3 |

Remarks:

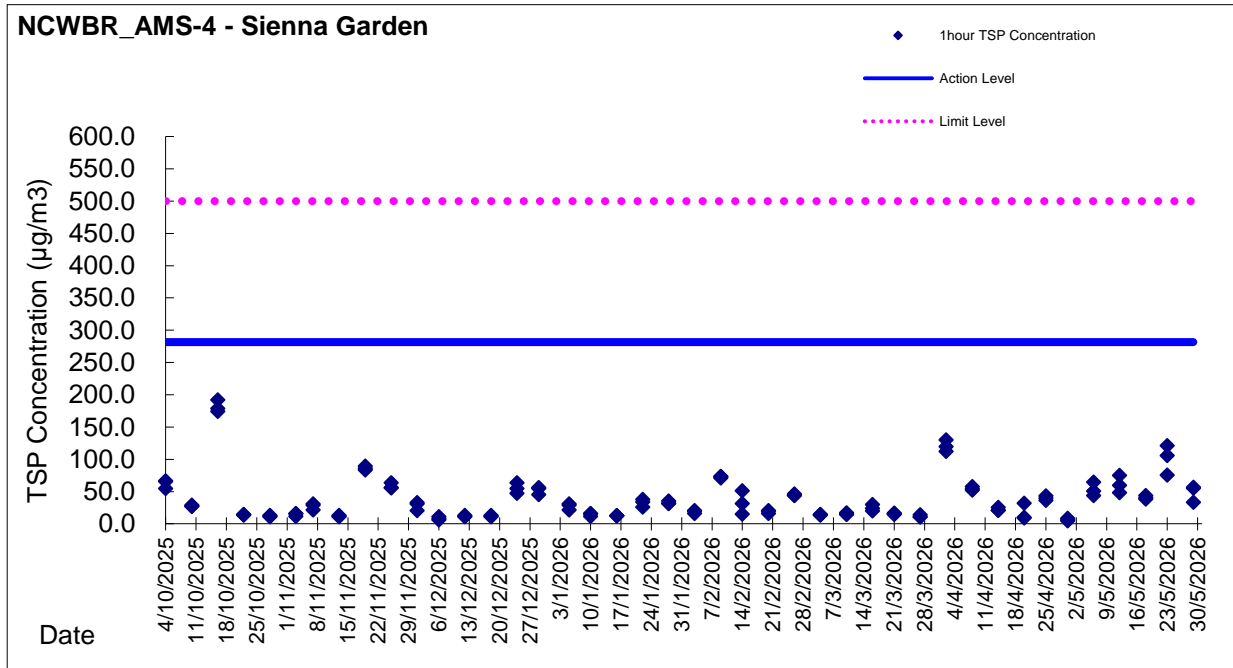
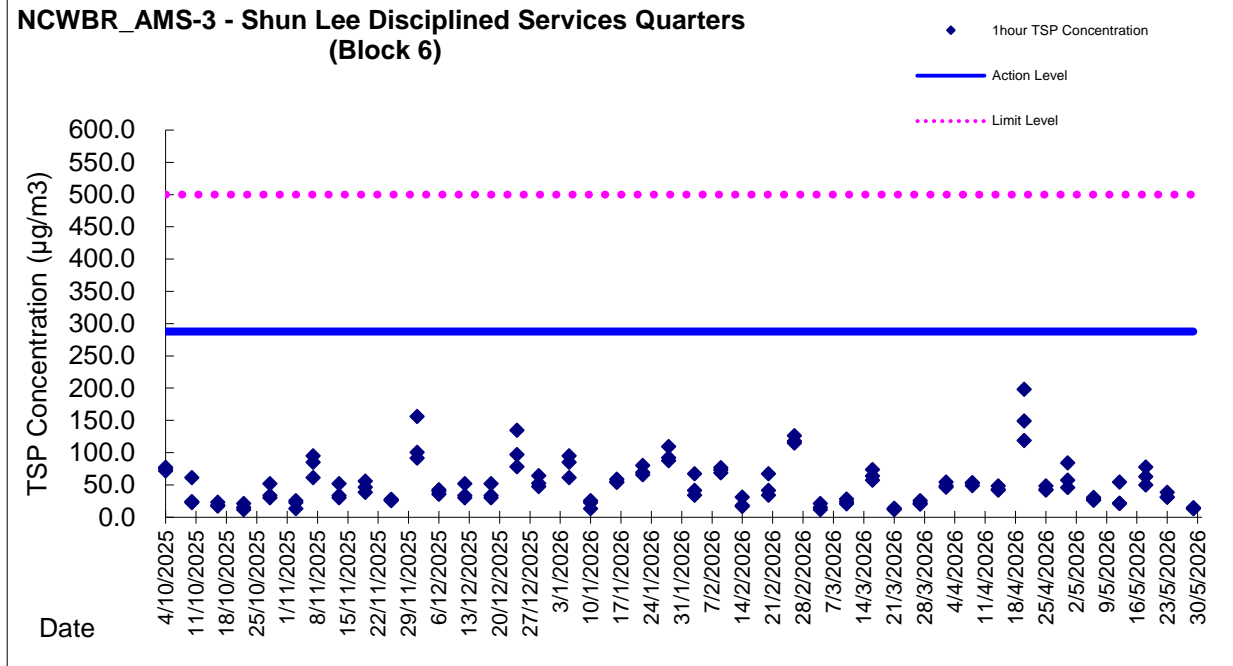
Single underline denotes exceedance over Action Level.

Double underline denotes exceedance over Limit Level.

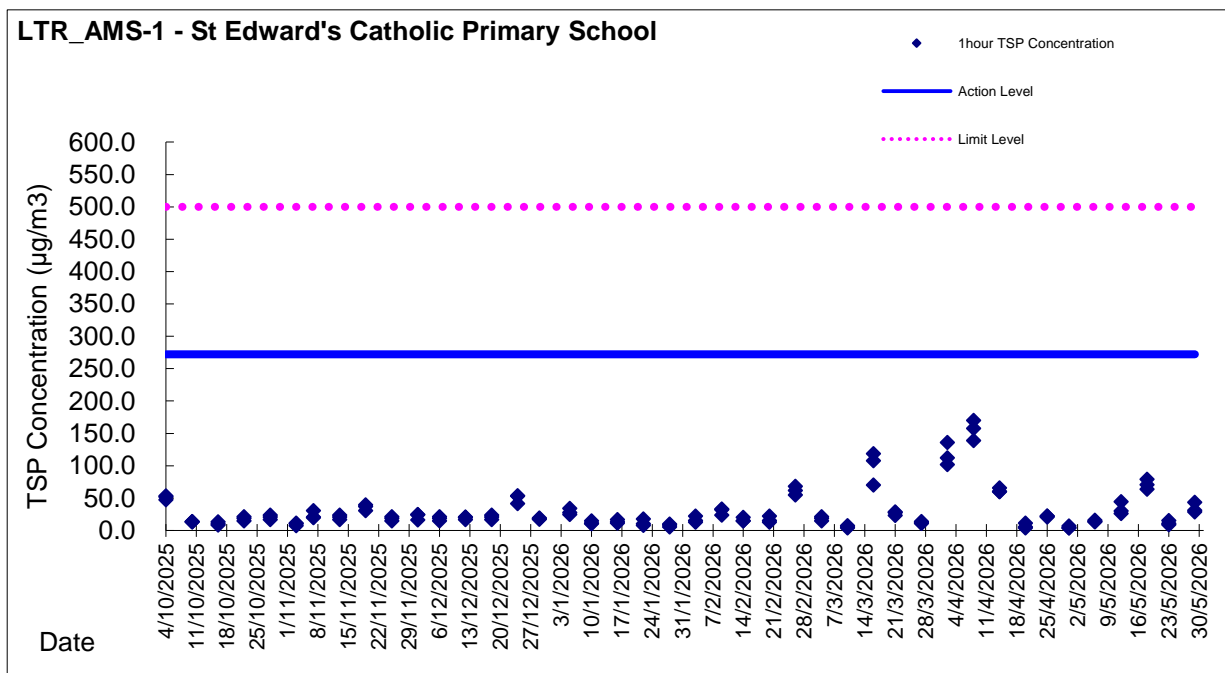
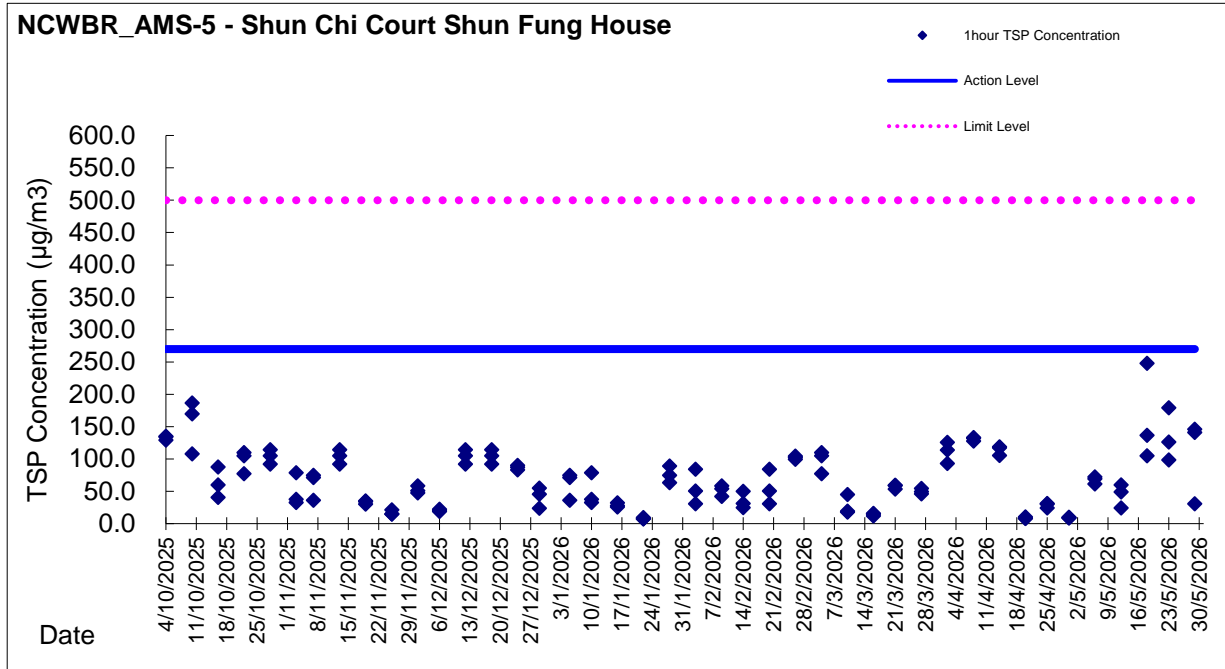
Graphic Presentation of TSP Result



Graphic Presentation of TSP Result

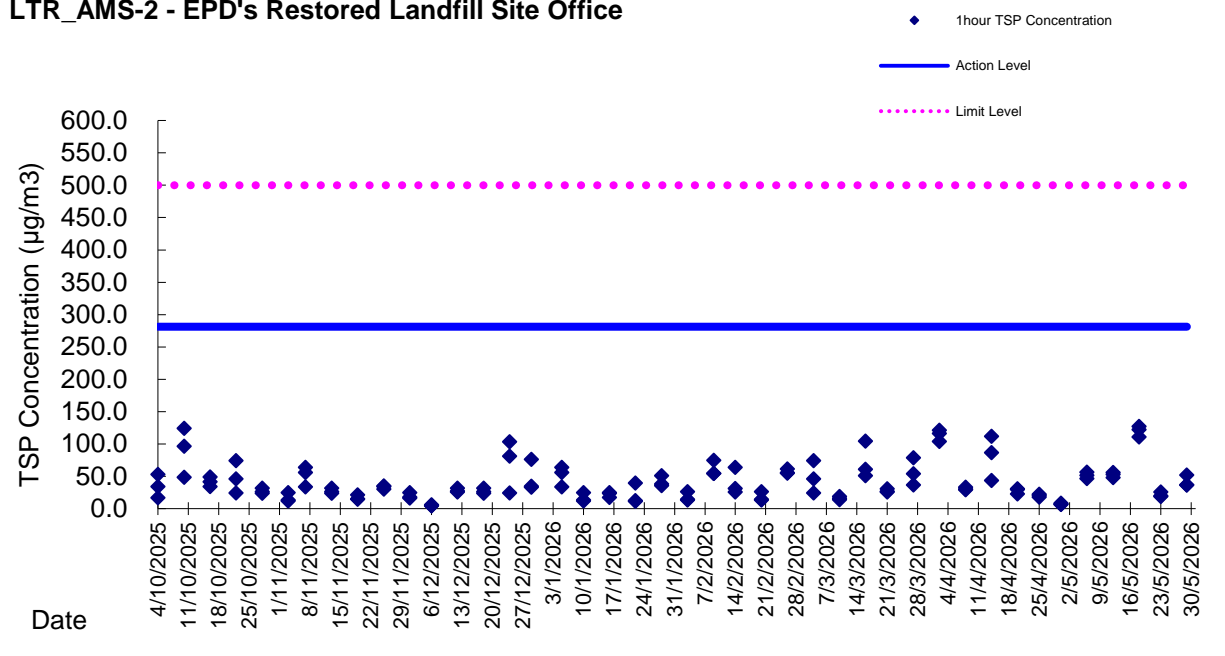


Graphic Presentation of TSP Result

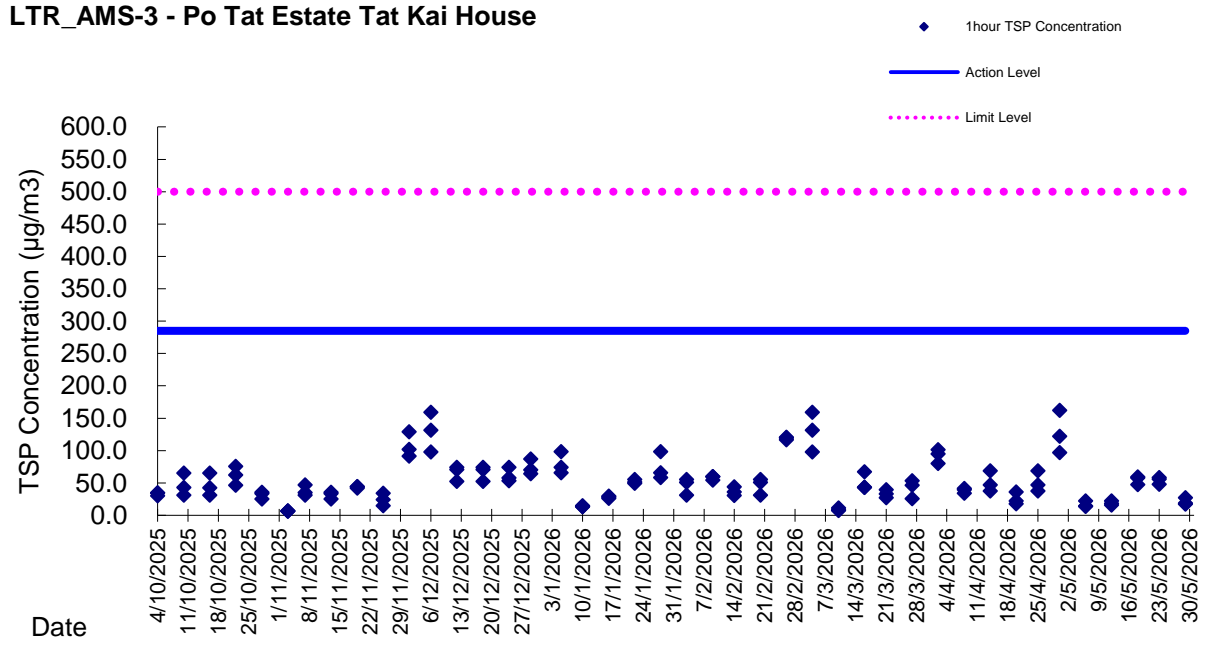


Graphic Presentation of TSP Result

LTR_AMS-2 - EPD's Restored Landfill Site Office



LTR_AMS-3 - Po Tat Estate Tat Kai House



Appendix 5.4

Water Quality Monitoring Results and Graphical Presentations

Lam Environmental Services Limited

Water Monitoring Result at Monitoring Station E - Channelized nullah across the Project site (Upstream Control Station)

| Date | Time | Weather Condition | Sampling Depth m | Water Temperature °C | | | pH | | Salinity ppt | | DO Saturation % | | DO mg/L | | Turbidity NTU | | Suspended Solids mg/L | | | | | | |
|-----------|------|-------------------|---------------------|-------------------------|-------|---------|-------|---------|-----------------|---------|--------------------|---------|------------|---------|------------------|---------|--------------------------|---------|-------|-------|------|-----|-----|
| | | | | Value | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | | | | | |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 2/5/2026 | - | Cloudy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 4/5/2026 | - | Cloudy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 6/5/2026 | - | Cloudy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 8/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 11/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 13/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 15/5/2026 | - | Rainy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 18/5/2026 | - | Rainy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 20/5/2026 | 9:20 | Cloudy | Surface | 22.20 | 22.20 | 22.20 | 7.02 | 7.02 | 7.0 | 0.04 | 0.04 | 0.04 | 89.30 | 89.40 | 89.45 | 7.77 | 7.78 | 7.8 | 17.91 | 17.91 | 17.9 | 8.3 | 8.2 |
| | 9:22 | | | 22.20 | 22.20 | | 7.02 | 7.02 | | 0.04 | 0.04 | | 89.50 | 89.60 | | 7.79 | 7.80 | | 17.92 | 17.90 | | 8.0 | |
| 22/5/2026 | 9:50 | Fine | Surface | 23.70 | 23.70 | 23.70 | 7.44 | 7.44 | 7.4 | 0.04 | 0.04 | 0.04 | 115.70 | 115.50 | 115.35 | 9.74 | 9.71 | 9.7 | 16.16 | 16.12 | 16.1 | 8.5 | 7.9 |
| | 9:52 | | | 23.70 | 23.70 | | 7.44 | 7.44 | | 0.04 | 0.04 | | 115.20 | 115.00 | | 9.74 | 9.72 | | 16.10 | 16.00 | | 7.3 | |
| 26/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 28/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 30/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

Remarks:
Upstream Monitoring Station (Monitoring Station E) would be taken as control reference for exceedance investigation only.

Lam Environmental Services Limited

Water Monitoring Result at Monitoring Station F - Channelized nullah across the Project site (Downstream Impact Station)

| Date | Time | Weather Condition | Sampling Depth m | Water Temperature °C | | | pH | | | Salinity ppt | | | DO Saturation % | | | DO mg/L | | | Turbidity NTU | | | Suspended Solids mg/L | |
|-----------|-------|-------------------|---------------------|-------------------------|-------|---------|-------|-------|---------|-----------------|-------|---------|--------------------|--------|---------|------------|-------|---------|------------------|-------|---------|--------------------------|-------------|
| | | | | Value | Value | Average | Value | Value | Average | Value | Value | Average | Value | Value | Average | Value | Value | Average | Value | Value | Average | Value | Average |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 2/5/2026 | 10:45 | Cloudy | Surface | 22.80 | 22.80 | 22.80 | 8.02 | 8.02 | 8.0 | 0.10 | 0.10 | 0.10 | 103.90 | 103.80 | 103.60 | 8.30 | 8.30 | 8.3 | 7.77 | 7.75 | 7.7 | 11.4 | 8.4 |
| | 10:47 | | | 22.80 | 22.80 | | 8.02 | 8.02 | | 0.10 | 0.10 | | 103.50 | 103.20 | | 8.26 | 8.24 | | 7.70 | 7.68 | | 5.4 | |
| 4/5/2026 | 9:35 | Cloudy | Surface | 22.00 | 22.00 | 22.00 | 7.92 | 7.92 | 7.9 | 0.10 | 0.10 | 0.10 | 99.20 | 99.00 | 99.33 | 7.92 | 7.90 | 7.9 | 5.65 | 5.62 | 5.6 | 14.0 | <u>20.0</u> |
| | 9:37 | | | 22.00 | 22.00 | | 7.92 | 7.92 | | 0.10 | 0.10 | | 99.50 | 99.60 | | 7.95 | 7.96 | | 5.58 | 5.55 | | 26.0 | |
| 6/5/2026 | 10:34 | Cloudy | Surface | 20.50 | 20.50 | 20.50 | 7.88 | 7.88 | 7.9 | 0.08 | 0.08 | 0.08 | 100.20 | 100.30 | 100.43 | 7.89 | 7.90 | 7.9 | 3.23 | 3.21 | 3.2 | 2.4 | 2.6 |
| | 10:52 | | | 20.50 | 20.50 | | 7.88 | 7.88 | | 0.08 | 0.08 | | 100.50 | 100.70 | | 7.92 | 7.94 | | 3.20 | 3.18 | | 2.8 | |
| 8/5/2026 | 10:05 | Fine | Surface | 22.50 | 22.50 | 22.50 | 8.13 | 8.13 | 8.1 | 0.11 | 0.11 | 0.11 | 112.10 | 111.90 | 110.90 | 9.69 | 9.67 | 9.6 | 5.42 | 5.34 | 5.2 | 7.2 | 8.4 |
| | 10:07 | | | 22.50 | 22.50 | | 8.13 | 8.13 | | 0.11 | 0.11 | | 109.90 | 109.70 | | 9.47 | 9.45 | | 5.08 | 5.06 | | 9.5 | |
| 11/5/2026 | 9:45 | Fine | Surface | 22.40 | 22.40 | 22.40 | 7.85 | 7.85 | 7.9 | 0.07 | 0.07 | 0.07 | 122.90 | 122.70 | 122.70 | 10.62 | 10.60 | 10.6 | 4.85 | 4.81 | 4.8 | 1.1 | 1.1 |
| | 9:47 | | | 22.40 | 22.40 | | 7.85 | 7.85 | | 0.07 | 0.07 | | 122.70 | 122.50 | | 10.60 | 10.58 | | 4.73 | 4.72 | | <1.0 | |
| 13/5/2026 | 10:14 | Fine | Surface | 23.30 | 23.30 | 23.30 | 8.01 | 8.01 | 8.0 | 0.07 | 0.07 | 0.07 | 115.60 | 114.80 | 114.88 | 9.83 | 9.76 | 9.8 | 1.55 | 1.76 | 1.8 | 4.5 | 3.6 |
| | 10:16 | | | 23.30 | 23.30 | | 8.01 | 8.01 | | 0.07 | 0.07 | | 114.60 | 114.50 | | 9.74 | 9.73 | | 1.89 | 2.10 | | 2.7 | |
| 15/5/2026 | 9:05 | Rainy | Surface | 22.30 | 22.30 | 22.30 | 7.99 | 7.99 | 8.0 | 0.08 | 0.08 | 0.08 | 112.40 | 111.10 | 111.58 | 9.67 | 9.55 | 9.6 | 5.08 | 5.40 | 5.3 | 8.7 | 6.0 |
| | 9:07 | | | 22.30 | 22.30 | | 7.99 | 7.99 | | 0.08 | 0.08 | | 111.30 | 111.50 | | 9.57 | 9.59 | | 5.30 | 5.39 | | 3.3 | |
| 18/5/2026 | 9:42 | Rainy | Surface | 21.90 | 21.90 | 21.90 | 8.06 | 8.06 | 8.1 | 0.07 | 0.07 | 0.07 | 113.00 | 112.40 | 112.43 | 8.90 | 8.85 | 8.9 | 5.02 | 5.00 | 5.0 | 44.6 | <u>26.5</u> |
| | 9:44 | | | 21.90 | 21.90 | | 8.06 | 8.06 | | 0.07 | 0.07 | | 112.30 | 112.00 | | 8.84 | 8.81 | | 4.94 | 4.99 | | 8.4 | |
| 20/5/2026 | 9:32 | Cloudy | Surface | 22.30 | 22.30 | 22.30 | 7.01 | 7.01 | 7.0 | 0.04 | 0.04 | 0.04 | 97.00 | 96.60 | 96.60 | 8.43 | 8.39 | 8.4 | 13.55 | 13.56 | 13.6 | 7.9 | 7.9 |
| | 9:34 | | | 22.30 | 22.30 | | 7.01 | 7.01 | | 0.04 | 0.04 | | 96.80 | 96.00 | | 8.41 | 8.34 | | 13.57 | 13.58 | | 7.9 | |
| 22/5/2026 | 10:00 | Fine | Surface | 23.80 | 23.80 | 23.80 | 7.00 | 7.00 | 7.0 | 0.04 | 0.04 | 0.04 | 103.20 | 103.00 | 103.15 | 8.70 | 8.68 | 8.7 | 14.32 | 14.30 | 14.3 | 7.8 | 7.4 |
| | 10:02 | | | 23.80 | 23.80 | | 7.00 | 7.00 | | 0.04 | 0.04 | | 103.10 | 103.30 | | 8.69 | 8.71 | | 14.28 | 14.22 | | 7.0 | |
| 26/5/2026 | 10:00 | Fine | Surface | 24.60 | 24.60 | 24.60 | 7.92 | 7.92 | 7.9 | 0.10 | 0.10 | 0.10 | 112.70 | 112.00 | 112.28 | 9.36 | 9.30 | 9.3 | 1.48 | 1.47 | 1.5 | 9.4 | 9.4 |
| | 10:02 | | | 24.60 | 24.60 | | 7.92 | 7.92 | | 0.10 | 0.10 | | 112.10 | 112.30 | | 9.30 | 9.32 | | 1.39 | 1.51 | | 9.3 | |
| 28/5/2026 | 9:45 | Fine | Surface | 24.70 | 24.70 | 24.70 | 7.88 | 7.88 | 7.9 | 0.09 | 0.08 | 0.08 | 100.20 | 100.00 | 100.08 | 8.72 | 8.70 | 8.7 | 2.85 | 2.81 | 2.8 | 6.0 | 5.7 |
| | 9:47 | | | 24.70 | 24.70 | | 7.88 | 7.88 | | 0.08 | 0.08 | | 100.10 | 100.00 | | 8.71 | 8.70 | | 2.82 | 2.83 | | 5.3 | |
| 30/5/2026 | 10:02 | Fine | Surface | 26.50 | 26.50 | 26.50 | 7.70 | 7.70 | 7.7 | 0.10 | 0.10 | 0.10 | 113.50 | 113.40 | 113.28 | 9.09 | 9.08 | 9.1 | 3.04 | 2.97 | 2.9 | 9.1 | 11.2 |
| | 10:04 | | | 26.50 | 26.50 | | 7.70 | 7.70 | | 0.10 | 0.10 | | 113.20 | 113.00 | | 9.06 | 9.04 | | 2.90 | 2.85 | | 13.2 | |

Remarks:
 Single underline denotes exceedance over Action Level.
 Double underline denotes exceedance over Limit Level.

Lam Environmental Services Limited

Water Monitoring Result at Monitoring Station H - Ma Yau Tong Stream (Upstream Control Station)

| Date | Time | Weather Condition | Sampling Depth m | Water Temperature °C | | | pH | | | Salinity ppt | | | DO Saturation % | | DO mg/L | | Turbidity NTU | | | Suspended Solids mg/L | | | |
|-----------|-------|-------------------|---------------------|-------------------------|---------|-------|-------|---------|-----|-----------------|---------|-------|--------------------|--------|------------|-------|------------------|-------|---------|--------------------------|------|------|------|
| | | | | Value | Average | | Value | Average | | Value | Average | Value | Average | Value | Average | Value | Average | Value | Average | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 2/5/2026 | 9:15 | Cloudy | Surface | 23.20 | 23.20 | 23.20 | 7.80 | 7.80 | 7.8 | 0.88 | 0.88 | 0.88 | 102.80 | 102.70 | 102.60 | 8.10 | 8.10 | 8.1 | 8.28 | 8.27 | 8.3 | 9.5 | 10.1 |
| | 9:17 | | | 23.20 | 23.20 | | 7.80 | 7.80 | | 0.88 | 0.88 | | 102.50 | 102.40 | | 8.07 | 8.06 | | 8.25 | 8.20 | | 10.7 | |
| 4/5/2026 | 9:00 | Cloudy | Surface | 22.70 | 22.70 | 22.70 | 7.72 | 7.72 | 7.7 | 0.75 | 0.75 | 0.75 | 107.20 | 107.00 | 107.18 | 8.52 | 8.50 | 8.5 | 11.28 | 11.25 | 11.2 | 13.1 | 13.2 |
| | 9:02 | | | 22.70 | 22.70 | | 7.72 | 7.72 | | 0.75 | 0.75 | | 107.20 | 107.30 | | 8.52 | 8.53 | | 11.20 | 11.15 | | 13.2 | |
| 6/5/2026 | 9:50 | Cloudy | Surface | 20.90 | 20.90 | 20.90 | 7.68 | 7.68 | 7.7 | 1.16 | 1.16 | 1.16 | 111.20 | 111.40 | 111.43 | 9.85 | 9.87 | 9.9 | 1.15 | 1.09 | 1.1 | 3.3 | 2.8 |
| | 9:52 | | | 20.90 | 20.90 | | 7.68 | 7.68 | | 1.16 | 1.16 | | 111.60 | 111.50 | | 9.89 | 9.88 | | 1.02 | 1.02 | | 2.3 | |
| 8/5/2026 | 9:20 | Fine | Surface | 23.50 | 23.50 | 23.50 | 7.67 | 7.67 | 7.7 | 1.01 | 1.01 | 1.01 | 114.00 | 114.00 | 113.78 | 9.61 | 9.61 | 9.6 | 2.19 | 2.17 | 2.2 | 2.0 | 1.9 |
| | 9:22 | | | 23.50 | 23.50 | | 7.67 | 7.67 | | 1.01 | 1.01 | | 113.60 | 113.50 | | 9.58 | 9.57 | | 2.17 | 2.17 | | 1.7 | |
| 11/5/2026 | 10:30 | Fine | Surface | 23.20 | 23.20 | 23.20 | 7.45 | 7.45 | 7.5 | 1.00 | 1.00 | 1.00 | 100.70 | 100.90 | 101.15 | 8.54 | 8.56 | 8.6 | 3.02 | 3.00 | 2.9 | 1.5 | 1.5 |
| | 10:32 | | | 23.20 | 23.20 | | 7.45 | 7.45 | | 1.00 | 1.00 | | 101.40 | 101.60 | | 8.60 | 8.61 | | 2.89 | 2.57 | | 1.5 | |
| 13/5/2026 | 8:48 | Fine | Surface | 24.20 | 24.20 | 24.20 | 7.46 | 7.46 | 7.5 | 1.58 | 1.58 | 1.58 | 109.30 | 109.20 | 109.13 | 9.08 | 9.07 | 9.1 | 1.33 | 1.33 | 1.3 | 1.9 | 2.3 |
| | 8:50 | | | 24.20 | 24.20 | | 7.46 | 7.46 | | 1.58 | 1.58 | | 109.00 | 109.00 | | 9.05 | 9.05 | | 1.32 | 1.34 | | 2.6 | |
| 15/5/2026 | 9:50 | Rainy | Surface | 23.40 | 23.40 | 23.40 | 7.59 | 7.59 | 7.6 | 1.04 | 1.04 | 1.04 | 110.90 | 110.60 | 110.03 | 9.38 | 9.35 | 9.3 | 4.59 | 4.58 | 4.6 | 1.2 | 1.6 |
| | 9:52 | | | 23.40 | 23.40 | | 7.59 | 7.59 | | 1.04 | 1.04 | | 109.40 | 109.20 | | 9.25 | 9.23 | | 4.58 | 4.59 | | 2.0 | |
| 18/5/2026 | 9:07 | Rainy | Surface | 22.50 | 22.50 | 22.50 | 7.58 | 7.58 | 7.6 | 0.71 | 0.71 | 0.71 | 107.30 | 107.50 | 107.43 | 9.25 | 9.27 | 9.3 | 4.36 | 4.41 | 4.4 | 2.3 | 2.5 |
| | 9:09 | | | 22.50 | 22.50 | | 7.58 | 7.58 | | 0.71 | 0.71 | | 107.90 | 107.00 | | 9.31 | 9.22 | | 4.41 | 4.41 | | 2.7 | |
| 20/5/2026 | 9:01 | Cloudy | Surface | 23.50 | 23.50 | 23.50 | 7.84 | 7.84 | 7.8 | 0.57 | 0.57 | 0.57 | 110.10 | 108.80 | 108.90 | 9.32 | 9.21 | 9.2 | 58.66 | 58.82 | 58.9 | 43.0 | 44.0 |
| | 9:02 | | | 23.50 | 23.50 | | 7.84 | 7.84 | | 0.57 | 0.57 | | 108.50 | 108.20 | | 9.18 | 9.15 | | 59.06 | 59.10 | | 45.0 | |
| 22/5/2026 | 9:28 | Fine | Surface | 25.20 | 25.20 | 25.20 | 7.83 | 7.83 | 7.8 | 0.64 | 0.64 | 0.64 | 101.40 | 101.50 | 101.50 | 8.31 | 8.32 | 8.3 | 5.40 | 5.40 | 5.4 | 1.8 | 2.0 |
| | 9:30 | | | 25.20 | 25.20 | | 7.83 | 7.83 | | 0.64 | 0.64 | | 101.70 | 101.40 | | 8.33 | 8.30 | | 5.40 | 5.46 | | 2.1 | |
| 26/5/2026 | 9:10 | Fine | Surface | 25.60 | 25.60 | 25.60 | 7.66 | 7.66 | 7.7 | 1.25 | 1.25 | 1.25 | 109.00 | 108.30 | 108.48 | 8.84 | 8.78 | 8.8 | 0.56 | 0.57 | 0.6 | 2.6 | 2.6 |
| | 9:12 | | | 25.60 | 25.60 | | 7.66 | 7.66 | | 1.25 | 1.25 | | 108.50 | 108.10 | | 8.80 | 8.77 | | 0.50 | 0.66 | | 2.5 | |
| 28/5/2026 | 9:10 | Fine | Surface | 25.70 | 25.70 | 25.70 | 7.37 | 7.37 | 7.4 | 2.07 | 2.07 | 2.07 | 98.50 | 99.30 | 98.75 | 7.91 | 7.89 | 7.9 | 3.28 | 3.25 | 3.3 | 1.2 | 1.2 |
| | 9:12 | | | 25.70 | 25.70 | | 7.37 | 7.37 | | 2.07 | 2.07 | | 98.50 | 98.70 | | 7.91 | 7.92 | | 3.26 | 3.23 | | 1.1 | |
| 30/5/2026 | 9:30 | Fine | Surface | 26.50 | 26.80 | 26.65 | 7.47 | 7.47 | 7.5 | 1.56 | 1.56 | 1.56 | 113.90 | 113.50 | 113.53 | 9.01 | 8.96 | 9.0 | 0.22 | 0.22 | 0.2 | 1.4 | 1.3 |
| | 9:32 | | | 26.50 | 26.80 | | 7.47 | 7.47 | | 1.56 | 1.56 | | 113.30 | 113.40 | | 8.94 | 8.95 | | 0.22 | 0.15 | | 1.1 | |

Remarks:
Upstream Monitoring Station (Monitoring Station H) would be taken as control reference for exceedance investigation only.

Lam Environmental Services Limited

Water Monitoring Result at Monitoring Station I - Ma Yau Tong Stream (Downstream Impact Station)

| Date | Time | Weather Condition | Sampling Depth m | Water Temperature °C | | | pH | | | Salinity ppt | | | DO Saturation % | | DO mg/L | | Turbidity NTU | | Suspended Solids mg/L | | | | |
|-----------|-------|-------------------|---------------------|-------------------------|---------|-------|-------|---------|-----|-----------------|---------|------|--------------------|---------|------------|---------|------------------|---------|--------------------------|---------|------|------|------|
| | | | | Value | Average | | Value | Average | | Value | Average | | Value | Average | Value | Average | Value | Average | Value | Average | | | |
| 2/5/2026 | 9:45 | Cloudy | Surface | 23.00 | 23.00 | 23.00 | 7.99 | 7.99 | 8.0 | 0.75 | 0.75 | 0.75 | 100.20 | 100.00 | 99.85 | 7.97 | 7.95 | 7.9 | 10.21 | 10.25 | 10.3 | 11.3 | 12.6 |
| | 9:47 | | | 23.00 | 23.00 | | 7.99 | 7.99 | | 0.75 | 0.75 | | 99.70 | 99.50 | | 7.92 | 7.80 | | 10.32 | 10.35 | | 13.8 | |
| 4/5/2026 | 8:35 | Cloudy | Surface | 22.50 | 22.50 | 22.50 | 7.88 | 7.88 | 7.9 | 0.67 | 0.66 | 0.66 | 106.20 | 106.70 | 106.50 | 8.40 | 8.45 | 8.4 | 15.23 | 15.30 | 15.3 | 10.9 | 11.3 |
| | 8:37 | | | 22.50 | 22.50 | | 7.88 | 7.88 | | 0.66 | 0.66 | | 106.50 | 106.60 | | 8.43 | 8.43 | | 15.25 | 15.25 | | 11.7 | |
| 6/5/2026 | 9:35 | Cloudy | Surface | 20.70 | 20.70 | 20.70 | 7.78 | 7.78 | 7.8 | 0.85 | 0.85 | 0.85 | 106.20 | 105.90 | 106.13 | 9.41 | 9.39 | 9.4 | 3.82 | 3.88 | 4.0 | 2.2 | 2.4 |
| | 9:37 | | | 20.70 | 20.70 | | 7.78 | 7.78 | | 0.85 | 0.85 | | 106.30 | 106.10 | | 9.42 | 9.40 | | 4.12 | 4.25 | | 2.6 | |
| 8/5/2026 | 8:50 | Fine | Surface | 23.00 | 23.00 | 23.00 | 7.80 | 7.80 | 7.8 | 0.82 | 0.82 | 0.82 | 107.10 | 106.50 | 106.45 | 10.00 | 9.97 | 10.0 | 2.00 | 2.02 | 2.0 | 2.3 | 2.0 |
| | 8:52 | | | 23.00 | 23.00 | | 7.80 | 7.80 | | 0.82 | 0.82 | | 106.20 | 106.00 | | 9.93 | 9.91 | | 2.07 | 2.09 | | 1.7 | |
| 11/5/2026 | 10:05 | Fine | Surface | 22.80 | 22.80 | 22.80 | 7.57 | 7.57 | 7.6 | 0.80 | 0.80 | 0.80 | 101.00 | 100.90 | 100.60 | 8.56 | 8.55 | 8.5 | 2.02 | 2.01 | 2.0 | <1.0 | <1.0 |
| | 10:07 | | | 22.80 | 22.80 | | 7.57 | 7.57 | | 0.80 | 0.80 | | 100.40 | 100.10 | | 8.57 | 8.48 | | 2.01 | 2.00 | | <1.0 | |
| 13/5/2026 | 8:30 | Fine | Surface | 24.00 | 24.00 | 24.00 | 7.63 | 7.63 | 7.6 | 1.12 | 1.12 | 1.12 | 107.30 | 107.20 | 107.13 | 8.91 | 8.90 | 8.9 | 1.51 | 2.23 | 2.1 | 1.3 | 1.3 |
| | 8:32 | | | 24.00 | 24.00 | | 7.63 | 7.63 | | 1.12 | 1.12 | | 107.00 | 107.00 | | 8.88 | 8.88 | | 2.25 | 2.27 | | 1.3 | |
| 15/5/2026 | 9:30 | Rainy | Surface | 23.00 | 23.00 | 23.00 | 7.66 | 7.66 | 7.7 | 0.80 | 0.80 | 0.80 | 102.90 | 103.20 | 102.90 | 8.70 | 8.73 | 8.7 | 4.24 | 4.35 | 4.3 | 1.1 | 1.5 |
| | 9:32 | | | 23.00 | 23.00 | | 7.66 | 7.66 | | 0.80 | 0.80 | | 102.80 | 102.70 | | 8.69 | 8.68 | | 4.36 | 4.36 | | 1.9 | |
| 18/5/2026 | 8:45 | Rainy | Surface | 22.00 | 22.00 | 22.00 | 7.80 | 7.80 | 7.8 | 0.50 | 0.50 | 0.50 | 103.20 | 103.90 | 103.83 | 8.90 | 8.97 | 9.0 | 3.69 | 3.74 | 3.7 | 2.2 | 2.2 |
| | 8:47 | | | 22.00 | 22.00 | | 7.80 | 7.80 | | 0.50 | 0.50 | | 104.10 | 104.10 | | 8.99 | 8.98 | | 3.75 | 3.76 | | 2.2 | |
| 20/5/2026 | 8:45 | Cloudy | Surface | 23.00 | 23.00 | 23.00 | 8.02 | 8.02 | 8.0 | 0.34 | 0.34 | 0.34 | 102.70 | 102.60 | 102.45 | 8.69 | 8.68 | 8.7 | 58.13 | 58.13 | 58.2 | 43.8 | 42.1 |
| | 8:47 | | | 23.00 | 23.00 | | 8.02 | 8.02 | | 0.34 | 0.34 | | 102.30 | 102.20 | | 8.66 | 8.65 | | 58.20 | 58.22 | | 40.4 | |
| 22/5/2026 | 9:08 | Fine | Surface | 25.00 | 25.00 | 25.00 | 7.97 | 7.97 | 8.0 | 0.53 | 0.53 | 0.53 | 99.20 | 99.40 | 99.38 | 8.12 | 8.13 | 8.1 | 5.07 | 5.07 | 5.1 | 2.4 | 2.2 |
| | 9:10 | | | 25.00 | 25.00 | | 7.97 | 7.97 | | 0.53 | 0.53 | | 99.50 | 99.40 | | 8.14 | 8.13 | | 5.06 | 5.05 | | 2.0 | |
| 26/5/2026 | 8:48 | Fine | Surface | 25.20 | 25.20 | 25.20 | 7.80 | 7.80 | 7.8 | 1.10 | 1.10 | 1.10 | 104.90 | 104.90 | 104.58 | 8.51 | 8.50 | 8.5 | 1.28 | 1.29 | 1.7 | 2.3 | 2.2 |
| | 8:50 | | | 25.20 | 25.20 | | 7.80 | 7.80 | | 1.10 | 1.10 | | 104.30 | 104.20 | | 8.46 | 8.45 | | 2.02 | 2.03 | | 2.0 | |
| 28/5/2026 | 8:45 | Fine | Surface | 25.50 | 25.50 | 25.50 | 7.60 | 7.60 | 7.6 | 1.55 | 1.55 | 1.55 | 97.70 | 97.40 | 97.10 | 7.84 | 7.81 | 7.8 | 5.66 | 5.67 | 5.7 | 1.6 | 2.2 |
| | 8:47 | | | 25.50 | 25.50 | | 7.60 | 7.60 | | 1.55 | 1.55 | | 96.40 | 96.90 | | 7.77 | 7.77 | | 5.68 | 5.72 | | 2.8 | |
| 30/5/2026 | 9:10 | Fine | Surface | 26.50 | 26.50 | 26.50 | 7.55 | 7.55 | 7.6 | 1.23 | 1.23 | 1.23 | 108.20 | 108.00 | 108.08 | 8.54 | 8.53 | 8.5 | 3.26 | 3.17 | 3.1 | 1.6 | 1.5 |
| | 9:12 | | | 26.50 | 26.50 | | 7.55 | 7.55 | | 1.23 | 1.23 | | 108.10 | 108.00 | | 8.53 | 8.53 | | 3.04 | 3.04 | | 1.4 | |

Remarks:
 Single underline denotes exceedance over Action Level.
 Double underline denotes exceedance over Limit Level.

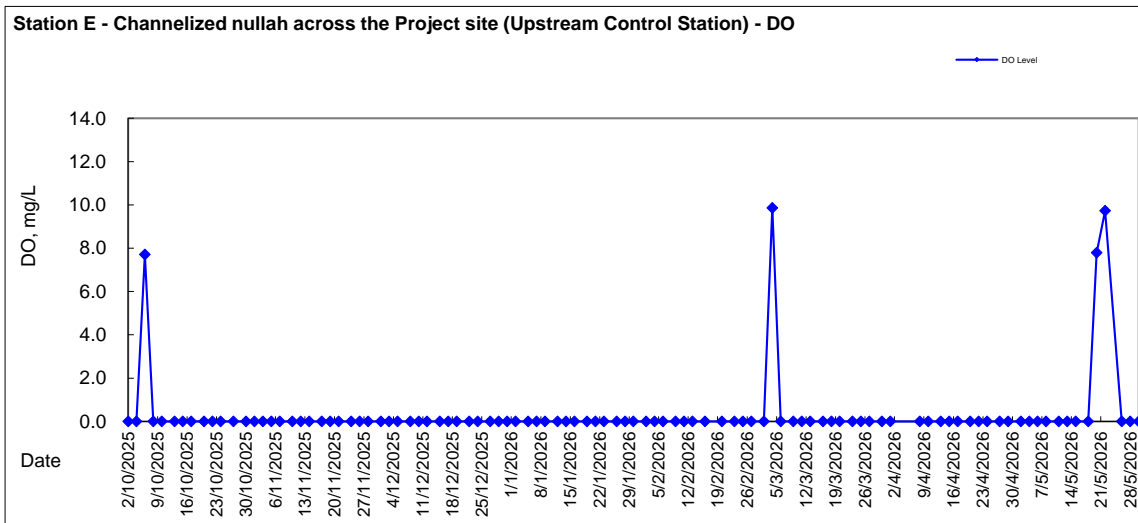
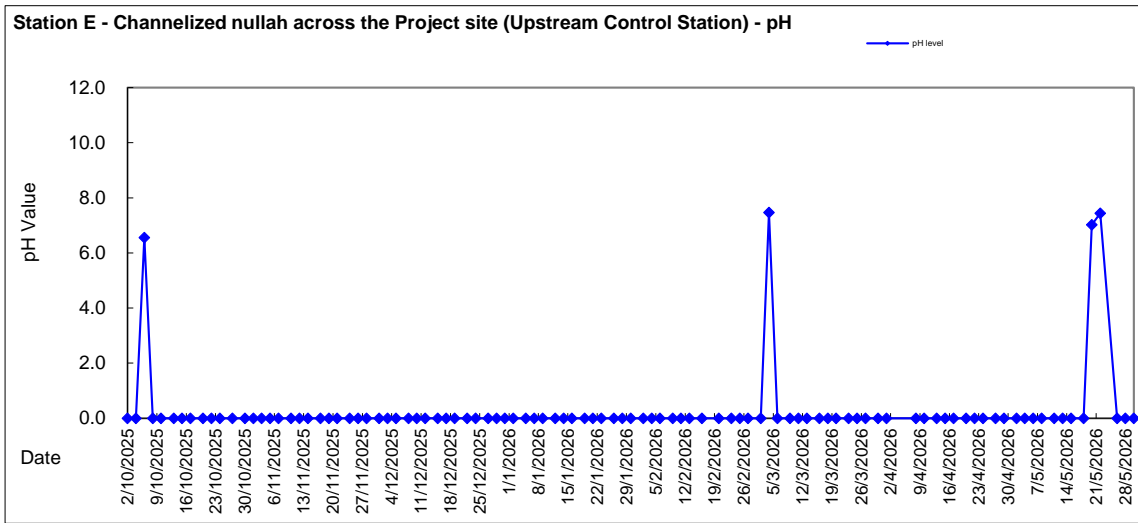
Lam Environmental Services Limited

Water Monitoring Result at Monitoring Station AC1 - Channelized nullah across the Project site (Upstream Reference Station)

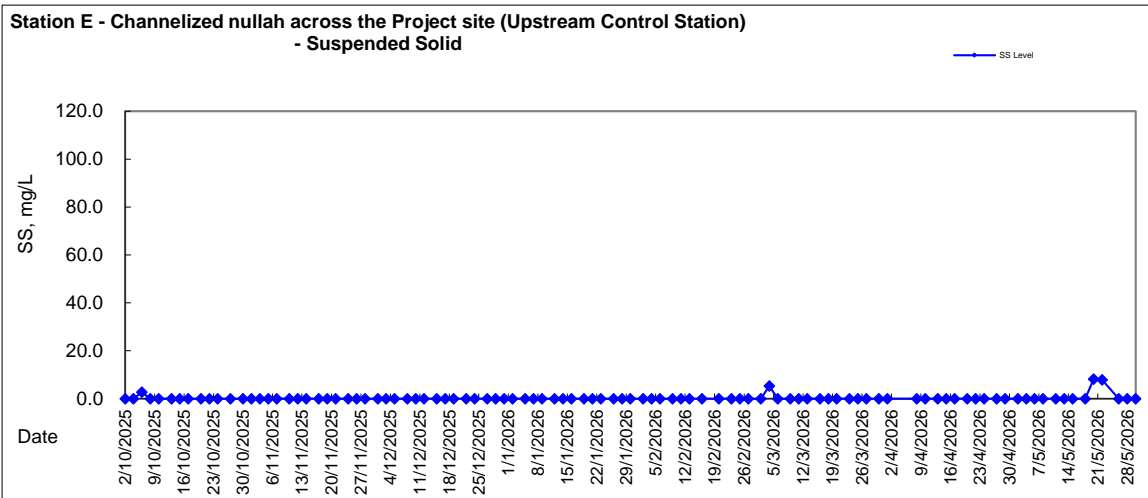
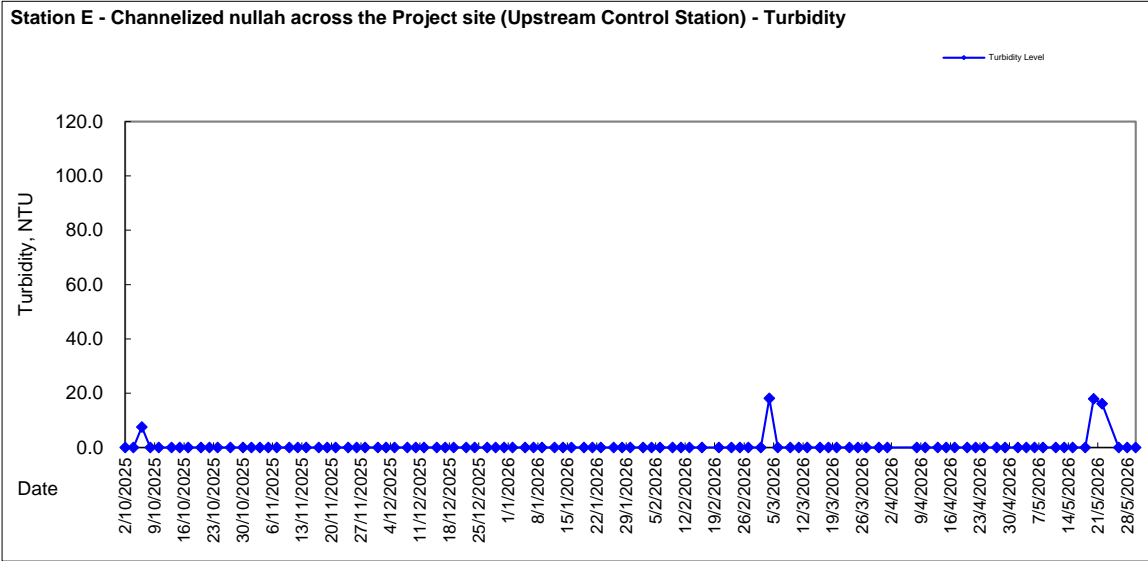
| Date | Time | Weather Condition | Sampling Depth m | Water Temperature °C | | | pH | | | Salinity ppt | | | DO Saturation % | | DO mg/L | | Turbidity NTU | | Suspended Solids mg/L | |
|-----------|------|-------------------|---------------------|-------------------------|---------|---|-------|---------|---|-----------------|---------|---|--------------------|---------|------------|---------|------------------|---------|--------------------------|---------|
| | | | | Value | Average | | Value | Average | | Value | Average | | Value | Average | Value | Average | Value | Average | Value | Average |
| | | | | | | | | | | | | | | | | | | | | |
| 2/5/2026 | - | Cloudy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4/5/2026 | - | Cloudy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6/5/2026 | - | Cloudy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15/5/2026 | - | Rainy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18/5/2026 | - | Rainy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20/5/2026 | - | Cloudy | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 22/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 28/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30/5/2026 | - | Fine | Surface | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Remarks:
Upstream Monitoring Station (Monitoring Station AC1) would be taken as reference for exceedance investigation only.

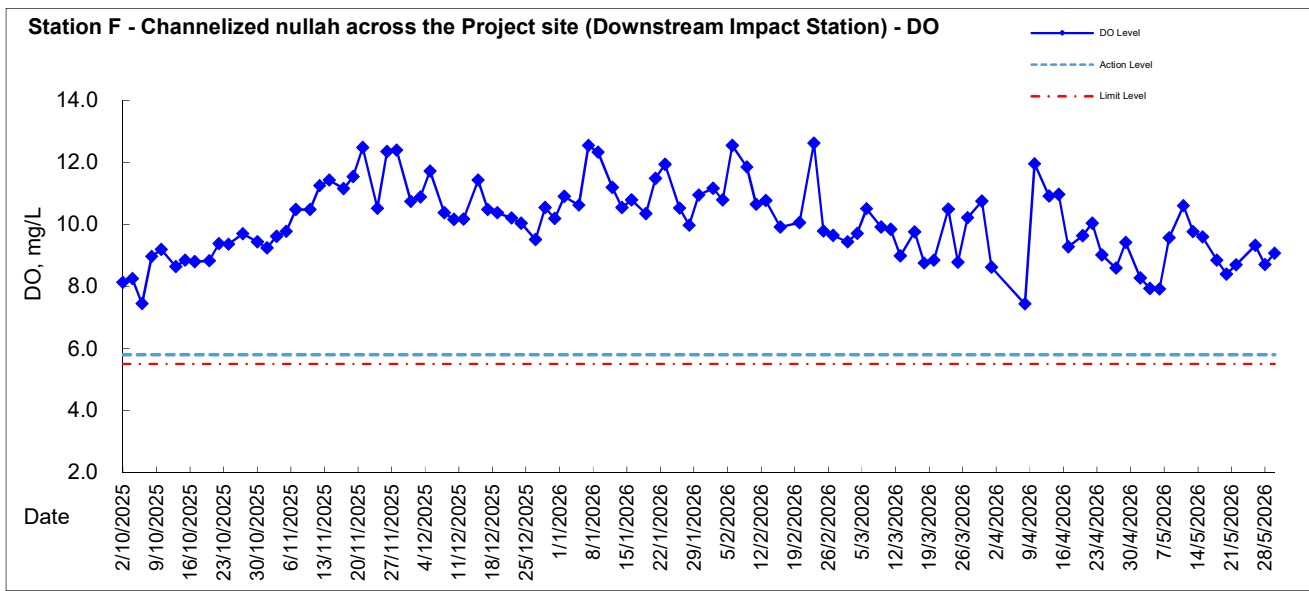
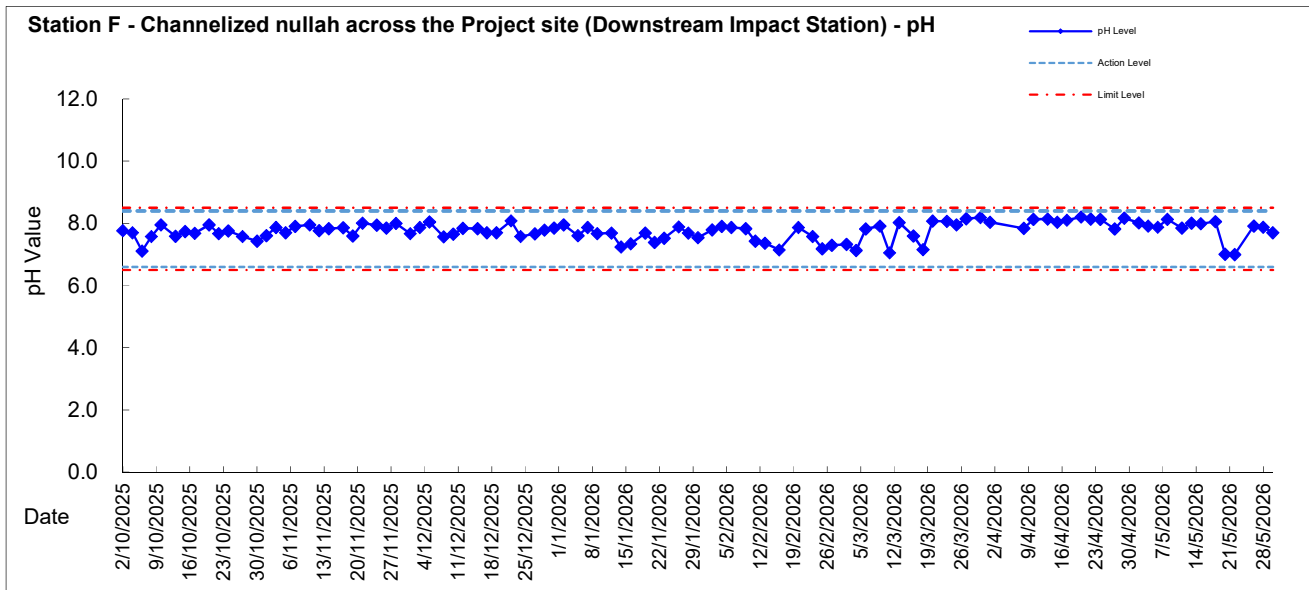
Graphic Presentation of WQM Result



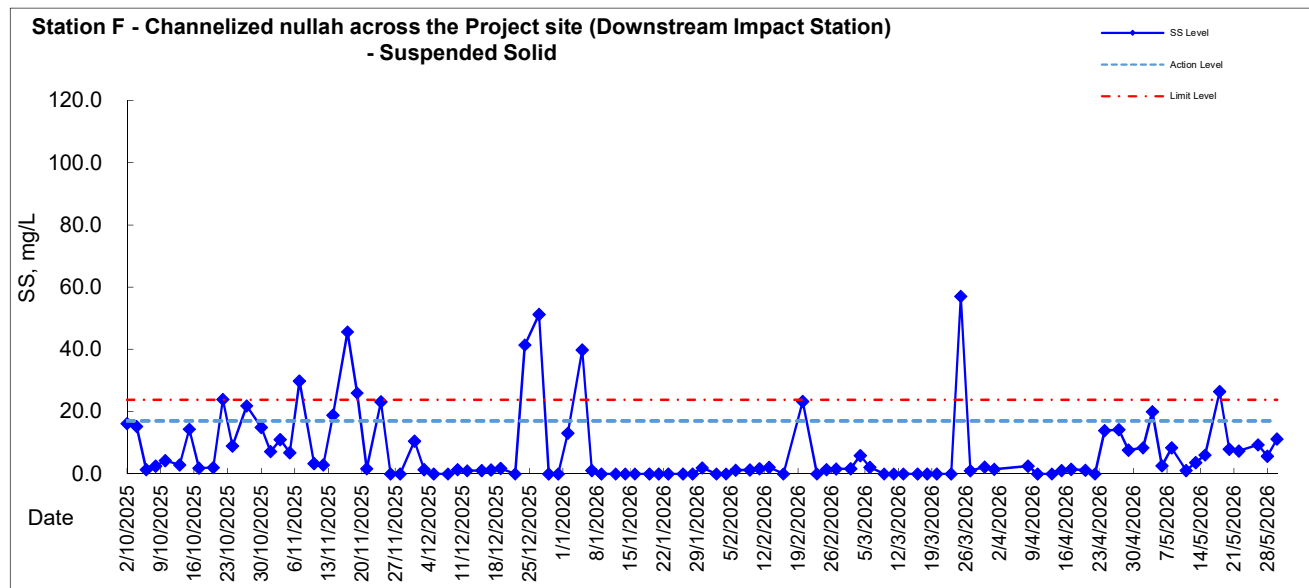
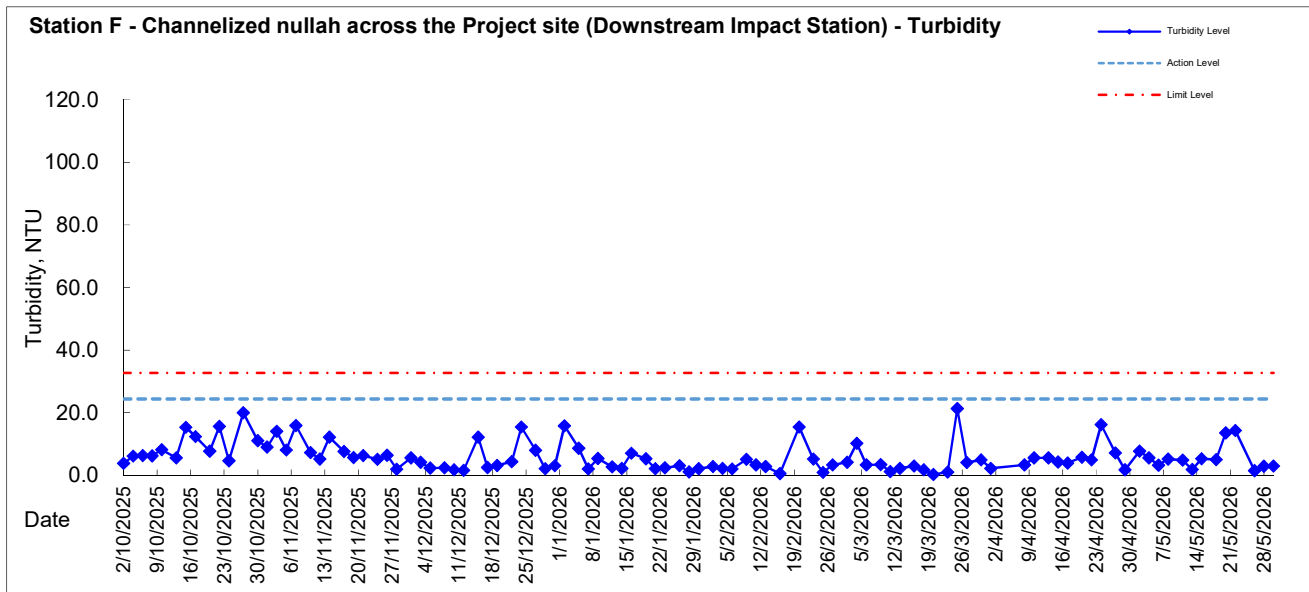
Graphic Presentation of WQM Result



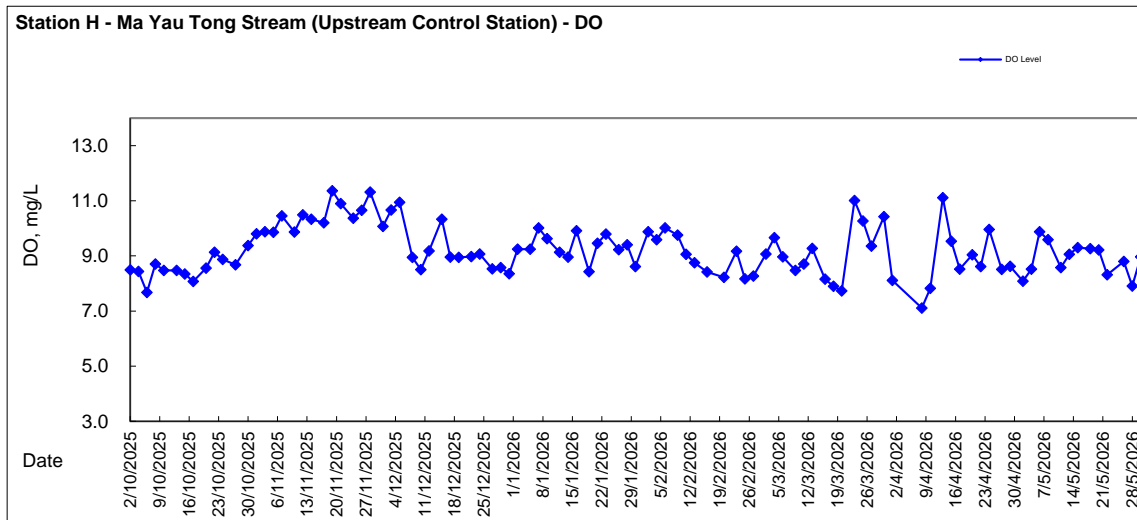
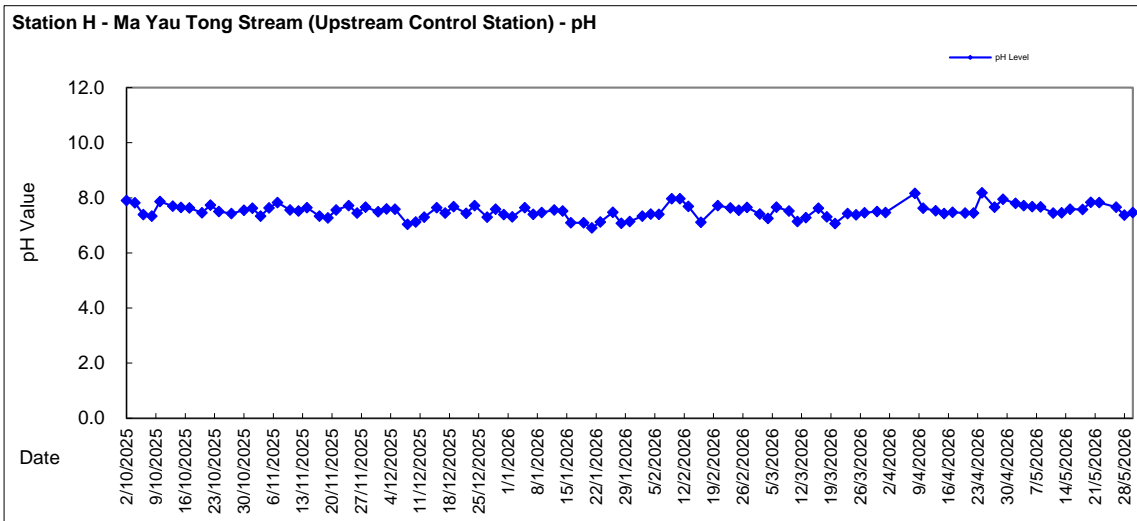
Graphic Presentation of WQM Result



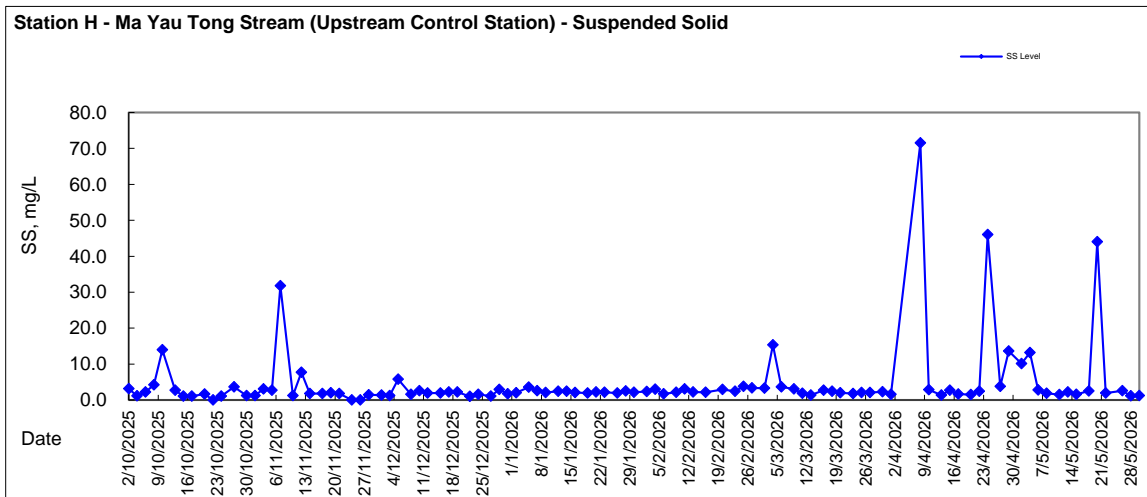
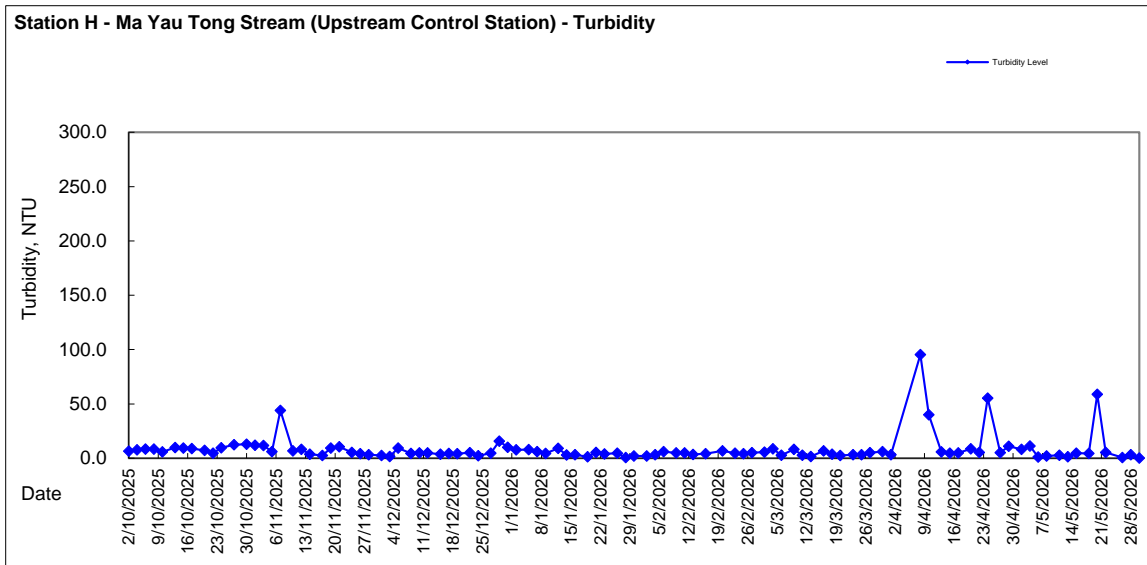
Graphic Presentation of WQM Result



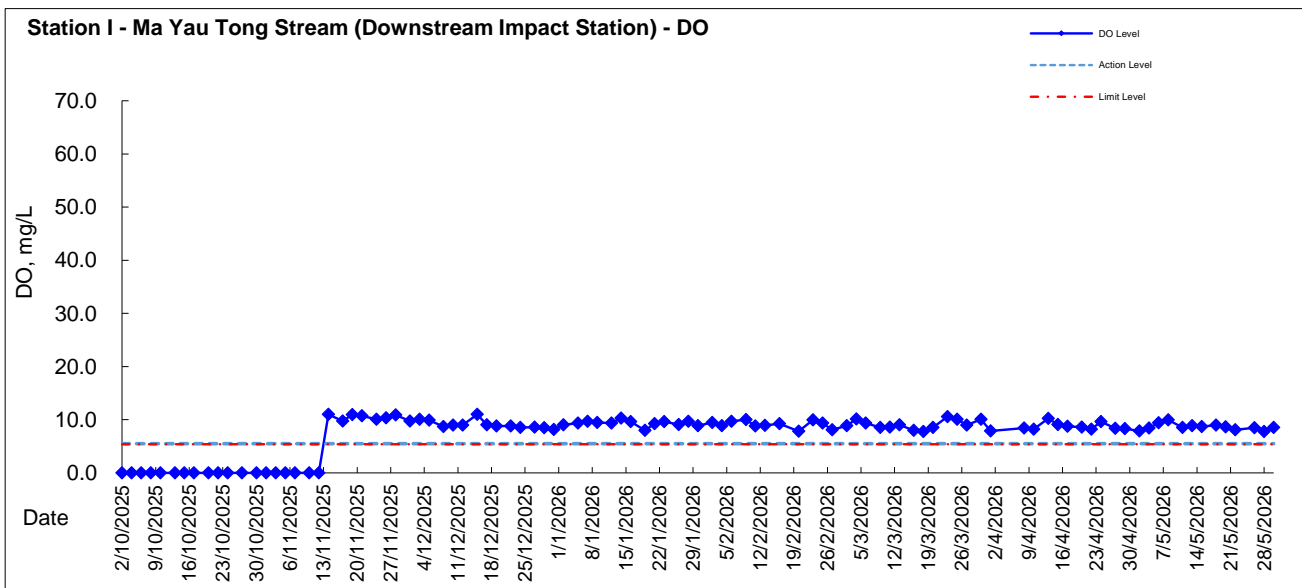
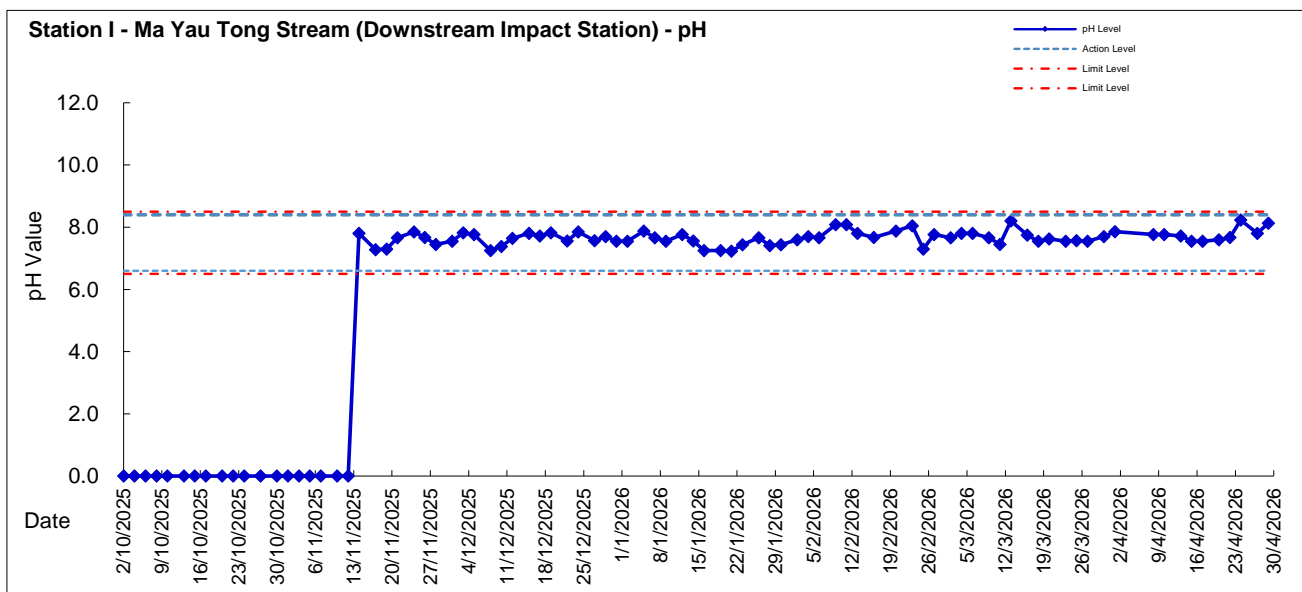
Graphic Presentation of WQM Result



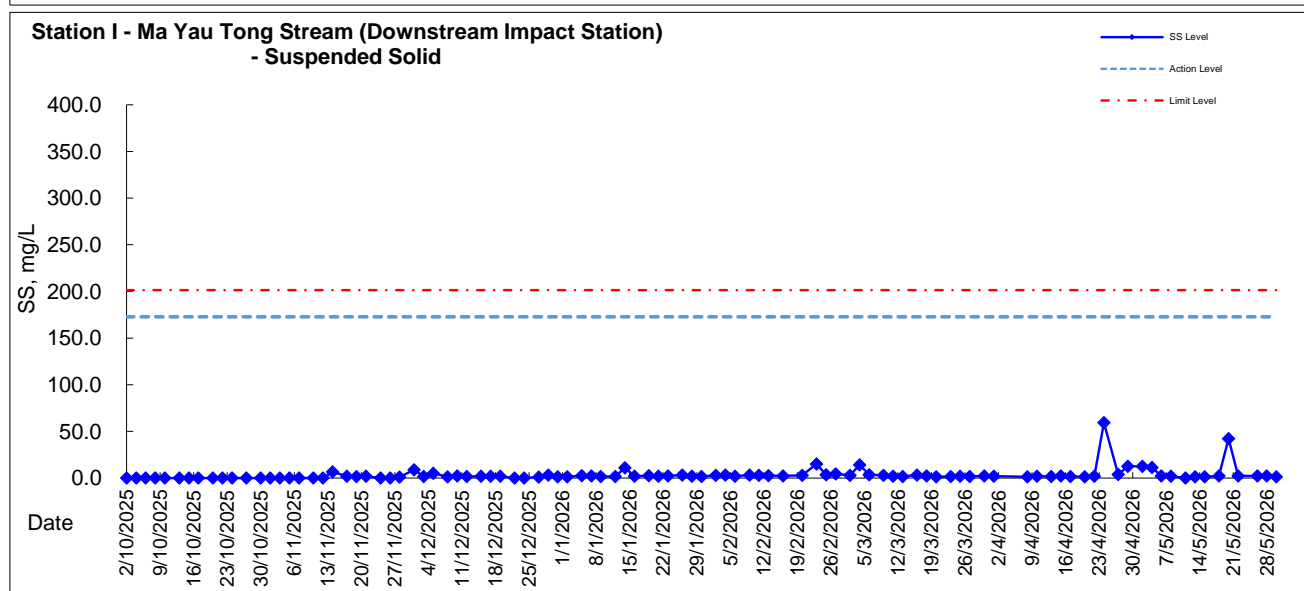
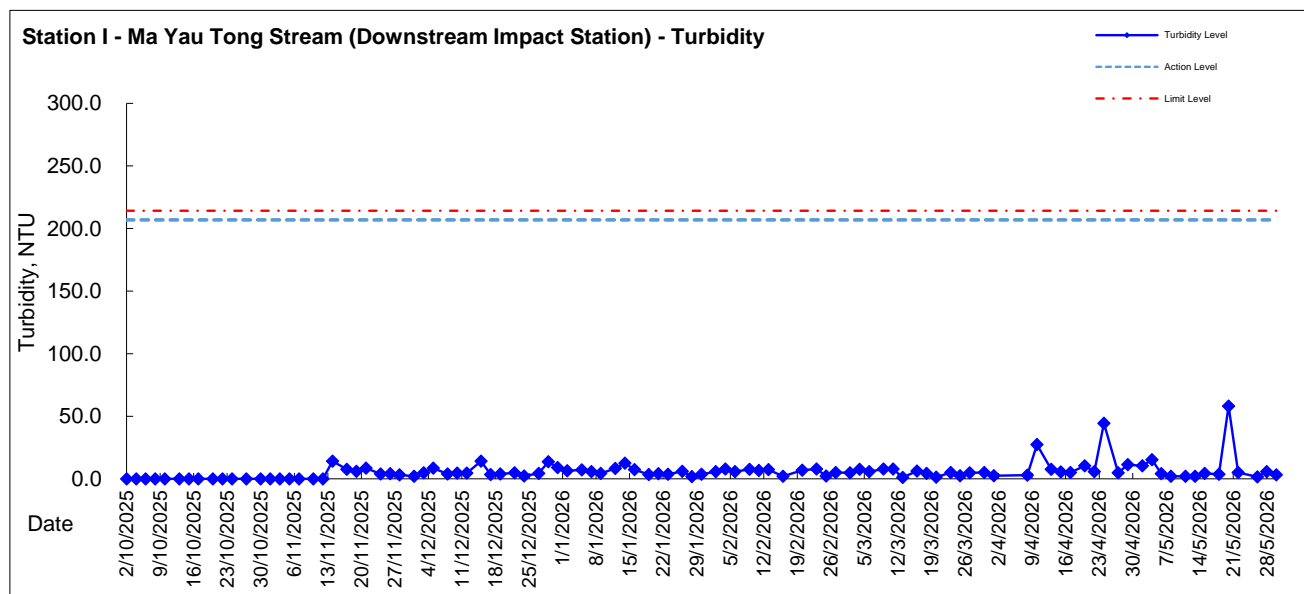
Graphic Presentation of WQM Result



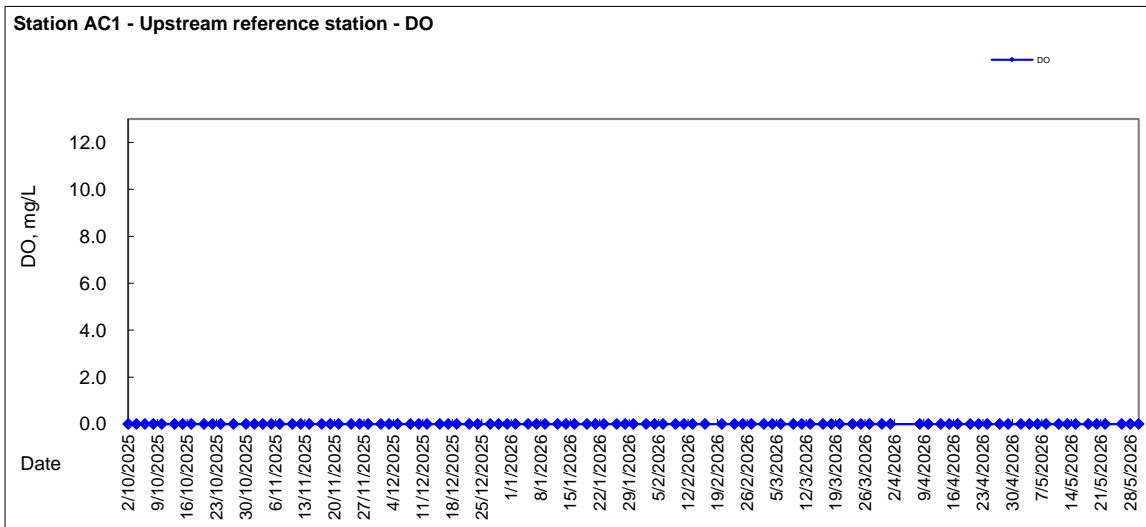
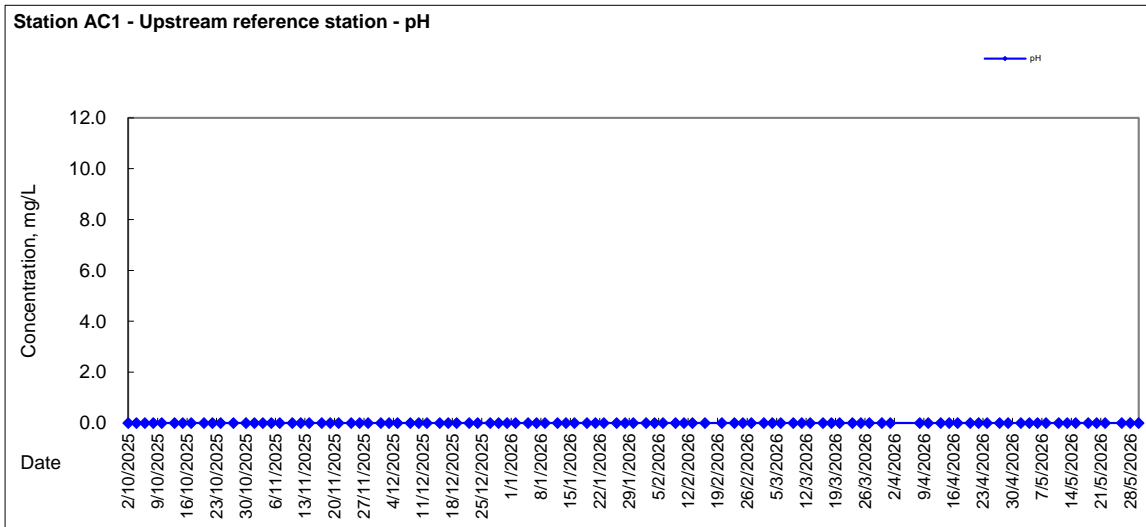
Graphic Presentation of WQM Result



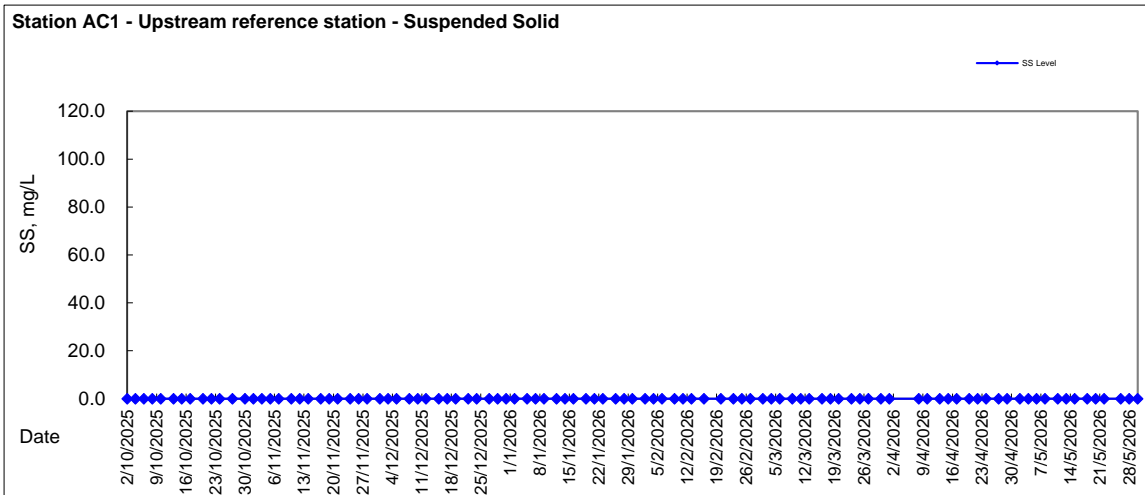
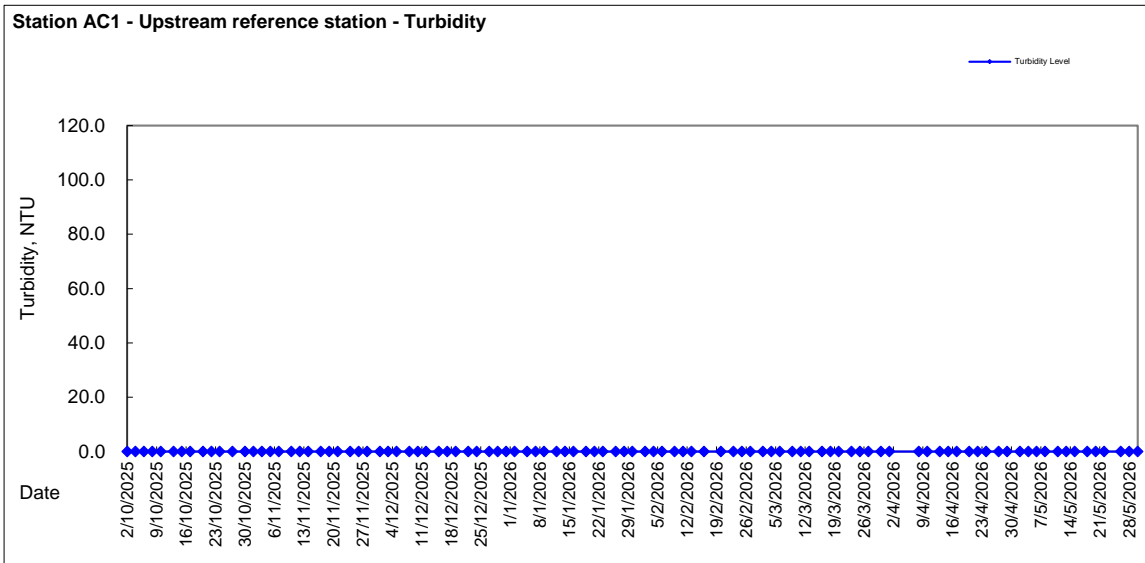
Graphic Presentation of WQM Result



Graphic Presentation of WQM Result



Graphic Presentation of WQM Result



Appendix 5.5

Monthly Summary Waste Flow Table

Monthly Summary Waste Flow Table for 2026 (year)

| Month | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Quantities of C&D Wastes Generated Monthly | | | | |
|------------------|--|-------------------------------------|-------------------------------------|---------------------------------------|--------------------------|--------------------------|---|----------------------------|-----------------------|-----------------------------|-----------------------------|
| | Total Quantity Generated | Hard Rock and Large Broken Concrete | Reused in the Contract (see Note 6) | Reused in other Projects (see Note 6) | Disposed as Public Fill | Imported Fill | Metals | Paper/ cardboard packaging | Plastics (see Note 3) | Chemical Waste (see Note 5) | Others, e.g. general refuse |
| | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) |
| Jan | 2.552 | 0.000 | 0.000 | 0.000 | 2.552 | 0.000 | 0.003 | 0.000 | 0.002 | 0.000 | 0.057 |
| Feb | 1.110 | 0.000 | 0.000 | 0.000 | 1.110 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.161 |
| Mar | 1.542 | 0.000 | 0.000 | 0.000 | 1.542 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.091 |
| Apr | 1.926 | 0.000 | 0.000 | 0.000 | 1.926 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.053 |
| May | 1.488 | 0.000 | 0.000 | 0.000 | 1.488 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.050 |
| Jun | | | | | | | | | | | |
| Sub-total | 8.619 | 0.000 | 0.000 | 0.000 | 8.619 | 0.000 | 0.003 | 0.000 | 0.002 | 0.000 | 0.412 |
| Jul | | | | | | | | | | | |
| Aug | | | | | | | | | | | |
| Sept | | | | | | | | | | | |
| Oct | | | | | | | | | | | |
| Nov | | | | | | | | | | | |
| Dec | | | | | | | | | | | |
| Total | 8.619 | 0.000 | 0.000 | 0.000 | 8.619 | 0.000 | 0.003 | 0.000 | 0.002 | 0.000 | 0.412 |

Notes:

- (1) The performance targets are given in PS Clause 1.129 (4).
- (2) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- (3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material and waste will be collected by recycler for recycling.
- (4) Use the conversion factor, density of general refuse (1 t/m³) and inert C&D materials (2 t/m³).
- (5) Use the conversion factor for chemical waste (0.88kg/L).
- (6) Assume a dump truck delivers 7.5 m³ material in 1 trip.

Appendix 6.1

Event Action Plans

Event and Action Plan for Construction Noise

| EVENT | ACTION | | | |
|-----------------------------|---|---|--|---|
| | ET | IEC | ER | CONTRACTOR |
| Action Level being exceeded | <ol style="list-style-type: none"> 1. Notify ER, IEC and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC, ER and Contractor; 4. Discuss with the IEC and Contractor on remedial measures required; 5. Increase monitoring frequency to check mitigation effectiveness. | <ol style="list-style-type: none"> 1. Review the investigation results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly; 3. Advise the ER on the effectiveness of the proposed remedial measures. | <ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analyzed noise problem; 4. Ensure remedial measures are properly implemented. | <ol style="list-style-type: none"> 1. Submit noise mitigation proposals to ET Leader / ER; 2. Implement noise mitigation proposals. |
| Limit Level being exceeded | <ol style="list-style-type: none"> 1. Inform IEC, ER, Contractor and EPD; 2. Repeat measurements to confirm findings; 3. Increase monitoring frequency; 4. Identify source and investigate the cause of exceedance; 5. Carry out analysis of Contractor's working procedures; 6. Discuss with the IEC, Contractor and ER on remedial measures required; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring. | <ol style="list-style-type: none"> 1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly. | <ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures; 5. If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated. | <ol style="list-style-type: none"> 1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC and ER within 3 working days of notification; 3. Implement the agreed proposals; 4. Submit further proposal if problem still not under control; 5. Stop the relevant portion of works as instructed by the ER until the exceedance is abated. |

Event and Action Plan for Construction Air Quality

| EVENT | ACTION | | | |
|---|--|--|---|---|
| | ET | IEC | ER | CONTRACTOR |
| ACTION LEVEL | | | | |
| 1. Exceedance for one sample | <ol style="list-style-type: none"> 1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform Contractor, IEC and ER; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily. | <ol style="list-style-type: none"> 1. Check monitoring data submitted by ET; 2. Check Contractor’s working method; and 3. Review and advise the ET and ER on the effectiveness of the proposed remedial measures. | <ol style="list-style-type: none"> 1. Notify Contractor. | <ol style="list-style-type: none"> 1. Identify source(s), investigate the causes of exceedance and propose remedial measures; 2. Implement remedial measures; and 3. Amend working methods agreed with the ER as appropriate |
| 2. Exceedance for two or more consecutive samples | <ol style="list-style-type: none"> 1. Identify source; 2. Inform Contractor, IEC and ER; 3. Advise the Contractor and ER on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with Contractor, IEC and ER; 8. If exceedance stops, cease additional monitoring. | <ol style="list-style-type: none"> 1. Check monitoring data submitted by ET; 2. Check Contractor’s working method; 3. Discuss with ET, ER and Contractor on possible remedial measures; 4. Advise the ET and ER on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures. | <ol style="list-style-type: none"> 1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented. 4. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated. | <ol style="list-style-type: none"> 1. Identify source and investigate the causes of exceedance; 2. Submit proposals for remedial measures to the ER with a copy to ET and IEC within three working days of notification; 3. Implement the agreed proposals; and 4. Amend proposal as appropriate. |

Event and Action Plan for Construction Air Quality (Con't)

| EVENT | ACTION | | | |
|---|--|---|---|---|
| | ET | IEC | ER | CONTRACTOR |
| LIMIT LEVEL | | | | |
| 1. Exceedance for one sample | <ol style="list-style-type: none"> Identify source, investigate the causes of exceedance and propose remedial measures; Inform Contractor, IEC, ER, and EPD; Repeat measurement to confirm finding; Increase monitoring frequency to daily; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results. | <ol style="list-style-type: none"> Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET and Contractor on possible remedial measures; Advise the ER on the effectiveness of the proposed remedial measures; Supervise implementation of remedial measures. | <ol style="list-style-type: none"> Confirm receipt of notification of exceedance in writing; Notify Contractor; Ensure remedial measures properly implemented. | <ol style="list-style-type: none"> Identify source(s) and investigate the causes of exceedance; Take immediate action to avoid further exceedance; Submit proposals for remedial measures to ER with a copy to ET and IEC within three working days of notification; Implement the agreed proposals; and Amend proposal if appropriate. |
| 2. Exceedance for two or more consecutive samples | <ol style="list-style-type: none"> Notify IEC, ER, Contractor and EPD; Identify source; Repeat measurement to confirm findings; Increase monitoring frequency to daily; Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; Arrange meeting with IEC and ER to discuss the remedial actions to be taken; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; If exceedance stops, cease additional monitoring. | <ol style="list-style-type: none"> Check monitoring data submitted by the ET; Discuss amongst ER, ET, and Contractor on the potential remedial actions; Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; Supervise the implementation of remedial measures. | <ol style="list-style-type: none"> Confirm receipt of notification of exceedance in writing; In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented; Supervise the implementation of remedial measures; and If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated. | <ol style="list-style-type: none"> Identify source(s) and investigate the causes of exceedance; Take immediate action to avoid further exceedance; Submit proposals for remedial measures to the ER with a copy to the IEC and ET within three working days of notification; Implement the agreed proposals; Revise and resubmit proposals if problem still not under control; and Stop the relevant portion of works as determined by the ER until the exceedance is abated. |

Event and Action Plan for Water Quality

| EVENT | ACTION | | | |
|--|---|--|--|--|
| | ET | IEC | ER | CONTRACTOR |
| ACTION LEVEL | | | | |
| Action level being exceeded by one sampling day | <ol style="list-style-type: none"> Repeat in situ measurement to confirm findings; Identify reasons for noncompliance and source(s) of impact; Inform IEC and Contractor; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, ER and Contractor; Repeat measurement on next day of exceedance. | <ol style="list-style-type: none"> Discuss with ET, ER and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; Assess the effectiveness of the implemented mitigation measures. | <ol style="list-style-type: none"> Discuss with ET, IEC and Contractor on the proposed mitigation measures; Make agreement on the mitigation measures to be implemented. Supervise the implementation of remedial measures. | <ol style="list-style-type: none"> Inform the ER and confirm notification of the noncompliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET, ER and IEC and propose mitigation measures to IEC and ER; Implement the agreed mitigation measures. |
| Action level being exceeded by more than one consecutive sampling days | <ol style="list-style-type: none"> Repeat in situ measurement to confirm findings; Identify reasons for noncompliance and source(s) of impact; Inform IEC and Contractor; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, ER and Contractor; Ensure mitigation measures are implemented; Prepare to increase the monitoring frequency to daily; Repeat measurement on next day of exceedance. | <ol style="list-style-type: none"> Discuss with ET, ER and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; Assess the effectiveness of the implemented mitigation measures. | <ol style="list-style-type: none"> Discuss with ET, IEC and Contractor on the proposed mitigation measures; Make agreement on the mitigation measures to be implemented; Supervise the implementation of remedial measures. | <ol style="list-style-type: none"> Inform the ER and confirm notification of the noncompliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET, ER and IEC and propose mitigation measures to IEC and ER within three working days; Implement the agreed mitigation measures. |

Event and Action Plan for Water Quality (cont'd)

| EVENT | ACTION | | | |
|---|---|--|--|--|
| | ET | IEC | ER | CONTRACTOR |
| LIMIT LEVEL | | | | |
| Limit level being exceeded by one sampling day | <ol style="list-style-type: none"> Repeat in situ measurement to confirm findings; Identify reasons for noncompliance and source(s) of impact; Inform IEC Contractor and EPD; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, ER and Contractor; Ensure mitigation measures are implemented; Increase the monitoring frequency to daily until no exceedance of Limit level. | <ol style="list-style-type: none"> Discuss with ET, ER and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; Assess the effectiveness of the implemented mitigation measures. | <ol style="list-style-type: none"> Discuss with IEC, ET and Contractor on the proposed mitigation measures; Request Contractor to critically review the working methods; Make agreement on the mitigation measures to be implemented; Supervise the implementation of remedial measures. | <ol style="list-style-type: none"> Inform the ER and confirm notification of the noncompliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET, IEC and ER and propose mitigation measures to IEC and ER within three working days; Implement the agreed mitigation measures. |
| Limit level being exceeded by more than one consecutive sampling days | <ol style="list-style-type: none"> Repeat in situ measurement to confirm findings; Identify reasons for noncompliance and source(s) of impact; Inform IEC Contractor and EPD; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC, ER and Contractor; Ensure mitigation measures are implemented; Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days. | <ol style="list-style-type: none"> Discuss with ET, ER and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the ER accordingly; Assess the effectiveness of the implemented mitigation measures. | <ol style="list-style-type: none"> Discuss with IEC, ET and Contractor on the proposed mitigation measures; Request Contractor to critically review the working methods; Make agreement on the mitigation measures to be implemented; Supervise the implementation of remedial measures; Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the construction activities until no exceedance of Limit level. | <ol style="list-style-type: none"> Inform the ER and confirm notification of the noncompliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET, IEC and ER and propose mitigation measures to IEC and ER within three working days; Implement the agreed mitigation measures; As directed by the ER, to slow down or to stop all or part of the construction activities. |

Event and Action Plan for Landscape and Visual

| EVENT | ACTION | | | |
|-------------------------------|---|--|--|--|
| | ET | IEC | ER | CONTRACTOR |
| LIMIT LEVEL | | | | |
| Nonconformity on one occasion | <ol style="list-style-type: none"> 1. Identify source(s); 2. Inform the Contractor, IEC and ER; 3. Discuss remedial actions with IEC, ER and Contractor; 4. Monitor remedial actions until rectification has been completed | <ol style="list-style-type: none"> 1. Check inspection report; 2. Check contractor's working method; 3. Discuss with ET, ER and Contractor on possible remedial measures; 4. Advise ER on effectiveness of proposed remedial measures; 5. Check implementation of remedial measures | <ol style="list-style-type: none"> 1. Confirm receipt of notification of non-conformity in writing 2. Review and agree on the remedial measures proposed by the Contractor; 3. Supervise implementation of remedial | <ol style="list-style-type: none"> 1. Identify source and investigate the non- conformity 2. Implement remedial measures 3. Amend working methods agreed with ER as appropriate 4. Rectify damage and undertake any necessary replacement |
| Repeated Nonconformity | <ol style="list-style-type: none"> 1. Identify source(s) 2. Inform the Contractor, IEC and ER; 3. Discuss inspection frequency 4. Discuss remedial actions with IEC, ER and Contractor 5. Monitor remedial actions until rectification has been completed; 6. If non- conformity stops, cease additional monitoring | <ol style="list-style-type: none"> 1. Check inspection report 2. Check Contractor's working method 3. Discuss with ET, ER and Contractor on possible remedial measures 4. Advise ER on effectiveness of proposed remedial measures 5. Supervise implementation of remedial measures | <ol style="list-style-type: none"> 1. Notify the Contractor 2. In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented 3. Supervise implementation of remedial measures | <ol style="list-style-type: none"> 1. Identify source and investigate the non- conformity 2. Implement remedial measures 3. Amend working methods agreed with ER as appropriate 4. Rectify damage and undertake any necessary replacement. Stop relevant portion of works as determined by ER until the non- conformity is abated. |

Appendix 6.2

Summary for Notification of Exceedance

Lam Environmental Services Limited

| Ref no. | Date | Location | Parameters (Unit) | Measured | Action Level | Limit Level | Follow-up action | |
|-----------------|-----------|----------|-------------------|-------------|-----------------------------|-----------------------------|------------------------------|--|
| 202605_ RIW2_W1 | 4/5/2026 | F | pH | 7.9 | Beyond the range of 6.6-8.4 | Beyond the range of 6.5-8.5 | Possible reason: | Natural variation in water quality due to unknown sources. |
| | | | DO(mg/l) | 7.9 | 5.8 | 5.5 | Action taken/ to be taken: | After the record of exceedance, contractor, RSS & IEC were notified immediately. According to records, works conducted at RIW2 (upstream of station F) during the day of exceedance include ELS works, slope works and landscaping works, the major water pollution sources are surface runoff from water flowing through exposed site surface and contaminated groundwater from excavation works. Mitigation measures are implemented by Contractor, including covering of stockpiles and exposed site surface to minimize generation of muddy runoff; provision of bunding, sump pits and flooding boards to intercept surface runoff and provision of sedimentation tank and Wetsep tank for wastewater treatment. No water quality-related items were identified during recent inspections and the latest effluent test conducted on 9 March 2026 complied with the relevant discharge license condition. Moreover, no consecutive exceedances were recorded before and after the date of exceedance during ET's WQM on 2/5/2026 & 6/5/2026. With no major polluting works and effective mitigation measures implemented, the exceedance were believed to be not related to the project. |
| | | | Turbidity | 5.6 | 24.4 | 32.7 | | |
| | | | SS (mg/L) | <u>20.0</u> | 17.0 | 23.8 | | |
| | | | | | | | Remarks/ Other Observations: | The Contractor was reminded to intercept the runoff or direct the runoff to the wastewater treatment facility and ensure its operating properly to avoid any potential project related exceedance. |
| 202605_ RIW2_W2 | 18/5/2026 | F | pH | 8.1 | Beyond the range of 6.6-8.4 | Beyond the range of 6.5-8.5 | Possible reason: | Natural variation in water quality due to unknown sources. |
| | | | DO(mg/l) | 8.9 | 5.8 | 5.5 | Action taken/ to be taken: | After the record of exceedance, contractor, RSS & IEC were notified immediately. According to records, works conducted at RIW2 (upstream of station F) during the day of exceedance include ELS works, slope works and landscaping works, the major water pollution sources are surface runoff from water flowing through exposed site surface and contaminated groundwater from excavation works. Mitigation measures are implemented by Contractor, including covering of stockpiles and exposed site surface to minimize generation of muddy runoff; provision of bunding, sump pits and flooding boards to intercept |
| | | | Turbidity | 5.0 | 24.4 | 32.7 | | |
| | | | SS (mg/L) | <u>26.5</u> | 17.0 | 23.8 | | |

Lam Environmental Services Limited

| Ref no. | Date | Location | Parameters (Unit) | Measured | Action Level | Limit Level | Follow-up action |
|---------|------|----------|-------------------|----------|--------------|-------------|--|
| | | | | | | | <p>surface runoff and provision of sedimentation tank and Wetsep tank for wastewater treatment. The latest effluent test conducted on 11 May 2026 complied with the relevant discharge license condition. 1 water quality-related inspection finding was identified on 15 May 2026 and the situation was rectified on the same day. Moreover, no consecutive exceedances were recorded before and after the date of exceedance during ET's WQM on 11/5/2026, 13/5/2026, 15/5/2026 & 20/5/2026. With no major polluting works and effective mitigation measures implemented, the exceedance were believed to be not related to the project.</p> |
| | | | | | | | <p>Remarks/ Other Observations: The Contractor was reminded to intercept the runoff or direct the runoff to the wastewater treatment facility and ensure its operating properly to avoid any potential project related exceedance.</p> |

Appendix 8.1

Complaint Log

Environmental Complaints Log

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|---|---|---|--------|
| 20190902 | 2 September 2019 | DSD | A portion of Clear Water Bay Road, near the junction of Fei Ngo Shan Road | The complainant reported that muddy water was improperly overflow from the construction site under Contract NE/2017/03 at Clear Water Bay Road and eventually to the downstream public storm water drainage system on 02 September 2019 | <p>The investigation report from contractor has revealed that the gaps between sand bags at site boundary would be the potential source of muddy water leakage.</p> <p>Remedial action taken according to the investigation report conducted by Contractor:</p> <ol style="list-style-type: none"> 1. The sand bags were replaced by cement sand mortar which filled the gaps between water-filled barriers along the site boundary to block the leakage point. 2. Additional sedimentation tank has been added to increase buffer for further treatment by the wastewater treatment facility. 3. Concrete ramp was provided at the site entrance to mitigate against potential surface runoff related impact. 4. Specific training for the subcontractor and front-line staff has been provided to enhance their knowledge on the requirements of discharge license. <p>ET recorded WQM exceedance on SS on 06 Sept 2019 and 09 Sept 2019, effectiveness of remedial measures under rainy days requires close monitoring. Regular joint site inspections on 06 & 19 September 2019 had observed that wastewater treatment facilities required further improvement particularly in rainy days.</p> <p>ET and IEC recommended contractor to provide proper protection to the nearby gullies like membrane or sandbags.</p> <p>ET reminded Contractor/RSS to inform ET and IEC upon the receipt of environmental complaint to allow timely investigation.</p> | Closed |
| 20200315 | 15 March 2020 | Resident of Hong Wah Court | Slope at Lin Tak Road, Opposite to Hong Wah Court | The complainant, resident of Hong Wah Court, reported to CEDD by email dated on 15 March 2020 that the resident at Hong Wah Court was affected by the noise nuisance from the construction site under Contract NE/2017/03 at Lin Tak Road since the construction activities started for approximately one year especially for the period under the attack of coronavirus-19 recently. | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 1. Noise barriers have been setup along the haul road and working area as much as possible. 2. The head of the drillers and breakers has been wrapped with noise absorption materials during operation. | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|---|---|---|--------|
| | | | | | <p>3. The contractor has made different combination of group of plants to avoid multiple noisy works operating at the same time.</p> <p>4. Moveable noise barrier was observed in place for breaking works.</p> | |
| 20200403 | 3 April 2020 | Resident of Hong Wah Court | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, a resident of Hong Wah Court, reported to AECOM through the hotline dated on 3 April 2020 that the resident at Hong Wah Court was affected by the noise nuisance from the construction site under Contract NE/2017/03 at Lin Tak Road. She claimed that the slope cutting works have been carried out from 8:00 to 18:00, which was very annoying and made her anxious especially under the situation that the government called citizen to stay at home avoiding the infection of coronavirus-19.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 7 April 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitorings, slope cutting with breaker and driller were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Noise barriers have been setup along the haul road and working area, and only partially covered the works area and plants due to limited site conditions. The head of the drillers and breakers had been wrapped with noise absorption materials during operation. | Closed |
| 20200420 | 20 April 2020 | Resident of Hong Wah Court | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, a resident of Hong Wah Court, reported to AECOM through the hotline dated on 20 April 2020 that the noise level generated from the construction site at the slope of Lin Tak Road reached 80-90 dB consecutively from 8:00 to 18:30 and affecting their health. Moreover, the district councilor has reflected the complaint from resident of Hong Wah Court and query about the implementation of the noise barrier.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Sequencing of works to avoid the operation of breaker and driller at the same time No remedial action was taken by contractor on improving the setting up of noise barriers for the covering of working area and the plant. No remedial action was taken by contractor on deploying movable noise barrier at drilling works or wrapping noise reductive materials at the head of the driller. | Closed |
| 0200518 | 18 May 2020 | Public | New Clear Water Bay | <p>The complainant reported through the 1823 electronic form dated on 18 May 2020 that silty water was discharged to public road, New Clear Water Bay Road,</p> | <p>Remedial action taken according to the observations by ET:</p> | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|---|--|---|--------|
| | | | Road from the construction site at the slope under Shun Lee Disciplined Services Quarters | <p>from the construction site at the slope under Shun Lee Disciplined Services Quarters.</p> <p>The complaint concerned on the silty runoff at New Clear Water Bay Road was referred by AECOM to ET on 21 May 2020.</p> <p>According to the information provided by the contractor, silty runoff to public road was due to the damaged pipe at the top of the slope Shun Lee Disciplined Services Quarters, water leaked from the pipe flew along the exposed down slope and became silty.</p> | <ol style="list-style-type: none"> Placing sand bags at the perimeter of the site and the site exit as bunds. Repairing the damaged pipe to stop the water leakage. | |
| 20200525 | 25 May 2020 | Public | New Clear Water Bay Road from the construction site at the slope under Shun Lee Disciplined Services Quarters | <p>The complainant reported through the 1823 electronic form dated on 25 May 2020 that silty water was discharged to public road, New Clear Water Bay Road from the construction site at the slope under Shun Lee Disciplined Services Quarters.</p> <p>The complaint concerned on the silty runoff at New Clear Water Bay Road was referred by AECOM to ET on 3 June 2020 respectively.</p> <p>According to the observation and inspection, the silty runoff should be caused by the large volume of water flow through the soil surface of the construction site after heavy rainfall.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Placing sand bags at the site boundary and the site exit as bunds. Deployed one more set of sedimentation tank and wastewater treatment facilities. Diversion of part of the runoff from the top of the slope to avoid flowing through soil surface. | Closed |
| 202007007 | 7 July 2020 | Resident of Hong Wah Court | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, District Councilor, reported to AECOM through the hotline dated on 7 July 2020 that the resident complaint the construction noise generated from the construction site at the slope of Lin Tak Road was annoying and no mitigation measures for the construction noise was implemented.</p> <p>The complaints regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 7 July 2020 respectively.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, slope cutting with breaker and driller were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Setting up of noise barriers for the covering of working area and the plant was observed since 15 June 2020. Quieter breaker, claimed by the contractor, was observed installed. The plant and working area were covered by noise barrier most of the time during the monitoring and inspections. | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|---|---|---|--------|
| 20200718 | 18 July 2020 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, District Councilor, reported to AECOM through the hotline dated on 18 July 2020 that no water spraying was carried out by contractor during dusty construction works at the slope of Lin Tak Road and fugitive dust was observed and cause dust impact to the complainant's property.</p> <p>The complaints regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 20 July 2020 respectively.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, slope cutting with breaker and driller were the major sources of dust emissions.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Facilities for water spraying was observed being setup at the slope of Lin Tak Road. | Closed |
| 20200718 | 18 July 2020 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, District Councilor, reported to AECOM through the hotline dated on 18 July 2020 that the resident of block C complained the construction noise generated from the construction site at the slope of Lin Tak Road was causing noise nuisance.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 20 July 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, slope cutting with breaker and driller were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Setting up of noise barriers for the covering of working area and the plant was observed since 15 June 2020. Quieter breaker, claimed by the contractor, was observed installed. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. Sequencing of works was observed that the driller and breaker were operated alternatively to avoid concurrent noisy works. | Closed |
| 20200724 | 24 July 2020 | Public | New Clear Water Bay Road near Sienna Garden | <p>The complainant, resident of Sienna Garden, reported to AECOM through the hotline dated on 24 July 2020 that the noise generated from the air compressor at the construction site of New Clear Water Bay Road Road was annoying.</p> | <p>Remedial action taken according to the observation during inspection conducted by ET:</p> <ol style="list-style-type: none"> Setting up of noise barriers for screening up the air compressor was observed since 30 July 2020. | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|---|--|---|--------|
| | | | | <p>The complaints regarding the construction noise at New Clear Water Bay Road referred by AECOM was received by ET on 27 July 2020 respectively.</p> <p>According to the observation on-site and information provided by the contractor, piling work was conducting near Sienna Garden at New Clear Water Bay Road.</p> | | |
| 20200729 | 29 July 2020 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, Resident of Hong Wah Court, reported to AECOM through the hotline dated on 29 July 2020 that the construction noise generated from the construction site at the slope of Lin Tak Road was causing noise nuisance to upper level of the building and the phone call of the complainant was influenced.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 30 July 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, slope cutting with breaker and driller were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Setting up of noise barriers for the covering of working area and the plant was observed since 15 June 2020. Quieter breaker, claimed by the contractor, was observed installed. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. Sequencing of works was observed that the driller and breaker were operated alternatively to avoid concurrent noisy works. | Closed |
| 20200825 | 25 August 2020 | Public | New Clear Water Bay Road near Choi Wan Estate | <p>The complainant reported to 1823 online dated on 25 August 2020 that the construction noise generated from the construction site at New Clear Water Bay Road adjacent to Choi Wan Estate was causing noise nuisance to complainant's apartment. Construction activities starting from 8:30 to dusk and even on Sunday. The construction activities have been conducted for a year especially for drilling works. The complainant has measured the construction noise with mobile app and obtained 64dB in average for one driller. The complainant said the condition was worse when two to three drillers operated at the same time. The complainant asked the completion date of the construction works and whether the construction noise would affect the health of people as the complainant was seriously influenced by the noise and causing insomnia.</p> | <p>Remedial action taken according to the observations by ET:</p> <p>No further mitigation measure for construction noise was implemented at the moment as no drilling works were observed recently.</p> | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|---|--|---|--------|
| | | | | <p>The complaint regarding the construction noise at New Clear Water Bay Road referred by CEDD and AECOM was received by ET on 30 August 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that ELS to RW pile cap and construct RW footing were the major construction works conducted under contract NE/2017/03 at the photo record provided by the complaint at RIW1 near New Clear Water Bay Road adjacent to Choi Wan Estate starting from June 2020 to August 2020. Based on the observation of recent monitoring, excavation, grouting, welding and loading and unloading of materials were the major sources of the construction noise. Pre-drilling works have been conducted at the section near New Clear Water Bay Road adjacent to the Shun Lee Disciplined Services Quarters which is distance from the area that the complainant mentioned.</p> | | |
| 20200831 | 31 August 2020 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, Resident of Hong Wah Court, reported to AECOM through the hotline dated on 31 August 2020 that the construction noise generated from the construction site at the slope of Lin Tak Road was causing noise nuisance and also causing air quality impact.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 2 September 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, slope cutting with breaker and driller were the major sources of the construction noise. Besides, breaking, drilling and loading and unloading of dusty materials were the major sources spreading dust.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 1. Setting up of noise barriers for the covering of working area and the plant was observed since 15 June 2020. 2. Quieter breaker, claimed by the contractor, was observed installed. 3. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. 4. Sequencing of works was observed that the driller and breaker were operated alternatively to avoid concurrent noisy works. 5. Water spraying for breaking works was observed. | Closed |
| 20200925_1 | 25 Sep 2020 | Public | Slope at Lin Tak Road, opposite to | <p>The complainant, district councillor, reported to AECOM through the hotline dated on 25 and 26 September 2020 that the residents from Block B and C have complaint</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 1. The condition of noise barriers was improved on 30 | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|---|--|---|--------|
| | | | Hong Wah Court | <p>the construction noise generated from the construction site at the slope of Lin Tak Road was causing noise nuisance and queried about the standard level of construction level and the limit level set for the project. The measurement from the resident reached 107dB.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 28 September 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, breaking works and drilling works were the major sources of the construction noise.</p> | <p>September 2020 and extended the coverage on 8 October 2020.</p> <ol style="list-style-type: none"> Quieter breaker, claimed by the contractor, was observed installed. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. | |
| 20200925_2 | 25 Sep 2020 | EPD | Slope at Lin Tak Road, opposite to Hong Wah Court | <p>The complainant reported to EPD dated on 25 September 2020 that the contractor did not comply with the commitment of using silent equipment and the noise barriers were not placed properly. The complainant complaint about the equipment generated noise reaching 60dB to 80dB, which has exceeded the limit stated in EIAO. The complainant was also unsatisfied with the improper use of noise barriers, for example, the plant was not covered by noise barrier and the noise barriers were not relocated according to the change in working area.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by EPD was received by ET on 28 September 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, breaking works and drilling works were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> The condition of noise barriers was improved on 30 September 2020 and extended the coverage on 8 October 2020. Quieter breaker, claimed by the contractor, was observed installed. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. | Closed |
| 20200926 | 26 Sep 2020 | EPD | Slope at Lin Tak Road, opposite to Hong Wah Court | <p>The complainant reported to EPD dated on 26 September 2020 that the contractor did not comply with the commitment of paying extra effort in noise blocking and delay the starting time to 10:00 and end at 17:00. The construction noise generated reaching 80dB consecutively from 10:00 to 18:30.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> The condition of noise barriers was improved on 30 September 2020 and extended the coverage on 8 October 2020. | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|---|--|---|--------|
| | | | | <p>The complaint regarding the construction noise at Lin Tak Road referred by EPD was received by ET on 28 September 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, breaking works and drilling works were the major sources of the construction noise.</p> | <ol style="list-style-type: none"> Quieter breaker, claimed by the contractor, was observed installed. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. | |
| 20200927_1 | 27 Sep 2020 | EPD | Slope at Lin Tak Road, opposite to Hong Wah Court | <p>The complainant reported to EPD dated on 27 September 2020 that the contractor did not comply with the commitment of paying extra effort in noise blocking and delay the starting time to 10:00 and end at 17:00.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by EPD was received by ET on 28 September 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, breaking works and drilling works were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> The condition of noise barriers was improved on 30 September 2020 and extended the coverage on 8 October 2020. Quieter breaker, claimed by the contractor, was observed installed. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. | Closed |
| 20200927_2 | 27 Sep 2020 | EPD | Slope at Lin Tak Road, opposite to Hong Wah Court | <p>The complainant reported to EPD dated on 26 September 2020 that the contractor did not comply with the commitment of paying extra effort in noise blocking and delay the starting time to 10:00 and end at 17:00. The construction noise generated reaching 80dB consecutively from 10:00 to 18:30.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by EPD was received by ET on 28 September 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, breaking works and drilling works were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> The condition of noise barriers was improved on 30 September 2020 and extended the coverage on 8 October 2020. Quieter breaker, claimed by the contractor, was observed installed. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|---|--|---|--------|
| 20200928 | 28 Sep 2020 | EPD | Slope at Lin Tak Road, opposite to Hong Wah Court | <p>The complainant reported to EPD dated on 28 September 2020 that the construction noise level was within 50dB to 60dB and was acceptable from May 2020 to 21 September 2020. Starting from 21 September 2020, slope works have moved towards the estate to under 50m in distance. Moreover, the noise barriers were not erected properly by the workers and the construction noise level reached 80dB to 100dB. The restriction due to level difference of the construction site was understood by the considerate area was at relatively flat ground and should have enough space for setting up noise barrier. The contractor should follow the EIAO to minimize the construction noise and comply with the commitment of using quieter method or exploring other methods, hence, the residents do not have to suffer the high construction noise environment. The contractor may consider using quieter breaker and better materials for reducing the construction noise.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by EPD was received by ET on 28 September 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, breaking works and drilling works were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 1. The condition of noise barriers was improved on 30 September 2020 and extended the coverage on 8 October 2020. 2. Quieter breaker, claimed by the contractor, was observed installed. 3. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. | Closed |
| 20201105 | 5 Nov 2020 | EPD | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, general public, reported to EPD dated on 5 November 2020 that noise nuisance was generated from the construction site of Chun Wo.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 10 November 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, breaking works and drilling works were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 1. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. 2. Noise absorption material was observed installed at the upper level. 3. Additional noise barrier was observed installed at lower level on 9 November 2020. 4. Sequencing of noisy works to be not operating at the same time for most of the time during inspection. 5. Grouping of PME and scheduled working time | Closed |

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| | | | | | have been set by the contractor shown on site. | |
| 20201106 | 6 Nov 2020 | EPD | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, general public, reported to EPD dated on 6 November 2020 that the incident of construction noise from Lin Tak Road have happened for more than two months. The residents at Hong Wah Court have complaint to the contractor, consultant and CEDD as well as the district councilor but no improvement was observed and the noise generated were very disturbing. The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 10 November 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, breaking works and drilling works were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 1. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. 2. Noise absorption material was observed installed at the upper level since 20 October 2020. 3. Additional noise barrier was observed installed at lower level on 9 November 2020. 4. Sequencing of noisy works to be not operating at the same time for most of the time during inspection. 5. Grouping of PME and scheduled working time have been set by the contractor shown on site. | Closed |
| 20201109 | 9 Nov 2020 | EPD | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, general public, reported to EPD dated on 9 November 2020 that the use of quiet equipment and the noise barriers were not installed properly. The noise generated by the plants using on site have reached 60dB to 80dB and exceeded the limit stated in EIAO. The improper installation of noise barriers was the most unsatisfactory for the resident that the plant always worked beyond the coverage of noise barriers and the noise barriers were not setup according to the working progress.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by EPD was received by ET on 9 November 2020.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, breaking works and drilling works were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 1. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. 2. Noise absorption material was observed installed at the upper level since 20 October 2020. 3. Additional noise barrier was observed installed at lower level on 9 November 2020. 4. Sequencing of noisy works to be not operating at the same time for most of the time during inspection. 5. Grouping of PME and scheduled working time have been set by the contractor shown on site. | Closed |
| 20201111 | 11 Nov 2020 | EPD | Tseung Kwan O Road near | The complainant reported to EPD that effluent discharge was observed from the construction site of CEDD near | Remedial action taken according to the observations by | Closed |

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| | | | Tseung Kwan O Tunnel | <p>the Tseung Kwan O Tunnel dated on 11 November 2020. The incident has been observed for 6 months.</p> <p>The complaint concerned on the effluent discharge at Tseung Kwan O Road was referred by EPD to ET on 16 November 2020.</p> <p>According to the observation and inspection, the incident was caused by the overflow of runoff due to the blockage of gully and no connection of temporary drainage system was observed between the site and the gully at Tseung Kwan O Road and no discharge was observed from the site to the nearby gully.</p> | <p>ET:</p> <ol style="list-style-type: none"> No remedial action is needed | |
| 20210123 | 23 Jan 2021 | EPD | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, general public, reported to EPD dated on 23 January 2021 that the construction noise was serious and the work period was predicted to be end in 2023 was considered to be long. The complainant has also mentioned the noise barrier was observed but not efficient in noise reduction. The complainant request the contractor to wrap the driller head during drilling works; cover the drilling area entirely by noise barrier till the line of sight of all levels could be blocked; setting up noise monitoring station at different floors at Hong Wah Court; increase number of inspection; setting up limit in length of noisy works in future.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by EPD was received by ET on 11 February 2021.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, drilling works were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. Noise absorption material was observed installed at the upper level since 20 October 2020. Additional noise barrier was observed installed at lower level on 9 November 2020. Cantilever was observed at middle level since 12 January 2021. Sequencing of noisy works to be not operating at the same time for most of the time during inspection. Grouping of PME and scheduled working time have been set by the contractor shown on site. | Closed |
| 20210205 | 05 Feb 2021 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, district councilor, reported to AECOM through project hotline dated on 05 February 2021 that the residents reflected the noise mitigation measures were not efficient, around 70% of time the driller worked outside the noise barriers coverage, making noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. Noise absorption material was observed installed | Closed |

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| | | | | <p>The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 05 February 2021.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, drilling works were the major sources of the construction noise.</p> | <p>at the upper level since 20 October 2020.</p> <ol style="list-style-type: none"> Additional noise barrier was observed installed at lower level on 9 November 2020. Cantilever was observed at middle level since 12 January 2021. Sequencing of noisy works to be not operating at the same time for most of the time during inspection. Grouping of PME and scheduled working time have been set by the contractor shown on site. | |
| 20210206 | 06 Feb 2021 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, resident of Hong Wah Court, reported to AECOM through project hotline dated on 06 February 2021 that the residents reflected that one excavator was in operation from 08:20 and one driller was in operation later from 08:40 on 06 February 2021.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 01 March 2021.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. Noise absorption material was observed installed at the upper level since 20 October 2020. Additional noise barrier was observed installed at lower level on 9 November 2020. Cantilever was observed at middle level since 12 January 2021. Sequencing of noisy works to be not operating at the same time for most of the time during inspection. Grouping of PME and scheduled working time have been set by the contractor shown on site. | Closed |
| 20210310 | 10 Mar 2021 | Public | New Clear Water Bay Road near Choi Wan Estate | <p>The complainant reported to 1823 online dated on 10 March 2021 that the construction noise generated from the construction site at New Clear Water Bay Road adjacent to Choi Wan Estate was causing noise nuisance to complainant's apartment.</p> <p>The complaint regarding the construction noise at New</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> No further mitigation measure for construction noise was implemented at the moment. | Closed |

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| | | | | <p>Clear Water Bay Road near Choi Wan Estate referred by CEDD and AECOM was received by ET on 15 March 2021.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that earth works temporary soil nail, form working platform, reinforced concrete works and no-fine concrete construction were the major construction works conducted under contract NE/2017/03 in the past three months at RIW1 near New Clear Water Bay Road. Based on the observation of recent monitoring, excavation and loading and unloading of materials were the major sources of the construction noise.</p> | | |
| 210427_1 | 27 Apr 2021 | Public | Clear Water Bay Road, near Sienna Garden block 6 | <p>The complainant, resident of No.8 Fei Ha Road, reported to AECOM through the hotline dated on 27 April 2021 that the construction activities were commenced around 7:00 am, making big noise “boom boom” from the construction site under Contract NE/2017/03 at Clear Water Bay Road. Nearby residents were affected by the noise nuisance and the complainant asked Contractor to commence the construction activities after 9:00 am.</p> <p>In addition, the complainant also reflected that the windows need to be closed all the time due to the fugitive dust from the construction works at RIW2. Contractor was required to review and enhance the dust mitigation measures.</p> <p>The complaints regarding the construction noise and dust at Clear Water Bay Road referred by AECOM was received by ET on 27 April 2021.</p> <p>According to the information provided by the contractor, and recent site inspections, that breaking, excavation, and mini-pile works were conducted under contract NE/2017/03 at RIW2 of Clear Water Bay Road. Based on the observation of recent monitoring, breaking and piling were the major noise source.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Noise barriers have been setup for noise mitigation measure. QPME was observed on site. Work sequence at Clear Water Bay Road near residential estate was re-arranged, piling works will be commenced after 09:00am in order to minimize the nuisance to the residents and commencement time of other site activities will be remained unchanged. Water spraying has been applied and cylindrical tarpaulin was used to enclose the piling area for dust suppression measures. | Closed |
| 210427_2 | 27 Apr 2021 | Public | Clear Water | <p>The complainant, reported to AECOM through the</p> | <p>Remedial action taken according to the observations by</p> | Closed |

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| | | | Bay Road, near Sienna Garden block 6 | <p>hotline dated on 27 April 2021 that they were affected by the noise nuisance from the construction site under Contract NE/2017/03 at Clear Water Bay Road in the early morning.</p> <p>The complaints regarding the construction noise at Clear Water Bay Road referred by AECOM was received by ET on 27 April 2021.</p> <p>According to the information provided by the contractor, and recent site inspections, that breaking, excavation, and mini-pile works were conducted under contract NE/2017/03 at RIW2 of Clear Water Bay Road. Based on the observation of recent monitoring, breaking and piling were the major noise source.</p> | <p>ET:</p> <ol style="list-style-type: none"> Noise barriers have been setup for noise mitigation measure. QPME was observed on site. Work sequence at Clear Water Bay Road near residential estate was re-arranged, piling works will be commenced after 09:00am in order to minimize the nuisance to the residents and commencement time of other site activities will be remained unchanged. | |
| 210508 | 08 & 10 May 2021 | Public | Clear Water Bay Road, near Sienna Garden block 6 | <p>The complainant, resident of No. 8 Fei Ha Road, reported to AECOM through the hotline dated on 08 and 10 May 2021 that they were severely affected by the noise nuisance and fugitive dust from the construction site under Contract NE/2017/03 at Clear Water Bay Road.</p> <p>The complaints regarding the construction noise and fugitive dust at Clear Water Bay Road referred by AECOM was received by ET on 12 May 2021.</p> <p>According to the information provided by the contractor, and recent site inspections, that breaking, excavation, and mini-pile works were conducted under contract NE/2017/03 at RIW2 of Clear Water Bay Road. Based on the observation of recent monitoring, breaking and piling were the major noise source.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Noise barriers have been setup for noise mitigation measure. QPME was observed on site. Work sequence at Clear Water Bay Road near residential estate was re-arranged, piling works will be commenced after 09:00am in order to minimize the nuisance to the residents and commencement time of other site activities will be remained unchanged. Water spraying has been applied and cylindrical tarpaulin was used to enclose the piling area for dust suppression measures. | Closed |

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| 210614 | 14 June 2021 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, general public, reported to EPD dated on 14 June 2021 that nearby residents were affected by the construction noise generated from the driller in relation to the site area at Lin Tak Road in the early morning</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by EPD was received by ET on 24 June 2021.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring, drilling and breaking works were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 1. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. 2. Noise absorption material was observed installed at the upper level since 20 October 2020. 3. Additional noise barrier was observed installed at lower level on 9 November 2020. 4. Sequencing of noisy works to be not operating at the same time for most of the time during inspection. 5. Grouping of PME and scheduled working time have been set by the contractor shown on site. | Closed |
| 210831 | 31 August 2021 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, general public, reported to EPD dated on 31 August 2021 that nearby residents were affected by the construction noise generated from the driller in relation to the site area at Lin Tak Road in the morning.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by EPD was received by ET on 03 September 2021.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019. Based on the observation of recent monitoring and construction site diary on August 2021, drilling and rock splitting work were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 4. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. 5. Noise absorption material was observed installed at the upper level since 20 October 2020. 6. Additional noise barrier was observed installed at lower level on 9 November 2020. 7. Sequencing of noisy works to be not operating at the same time for most of the time during inspection. 8. Grouping of PME and scheduled working time have been set by the contractor shown on site. | Closed |

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| 210916 | 16 September 2021 | Public | At New Clear Water Bay Road near Choi Wan Estate | <p>The complainant reported to 1823 online dated on 16 September 2021 that the construction noise generated from the construction site at New Clear Water Bay Road adjacent to Choi Wan Estate was causing noise nuisance to complainant's apartment. Construction activities starting from 8:30 to dusk and even on Sunday. The construction activities have been conducted for a year especially for drilling works. The complainant has measured the construction noise with mobile app and obtained 64dB in average for one driller. The complainant said the condition was worse when two to three drillers operated at the same time. The complainant asked the completion date of the construction works and whether the construction noise would affect the health of people as the complainant was seriously influenced by the noise and causing insomnia.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by CEDD and AECOM was received by ET on 23 September 2021.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that ELS to RW pile cap and construct RW footing were the major construction works conducted under contract NE/2017/03 at the photo record provided by the complaint at RIW1 near New Clear Water Bay Road adjacent to Choi Wan Estate. Based on the observation of recent monitoring, excavation, piling, grouting, welding and loading and unloading of materials were the major sources of the construction noise.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> Noisy equipment such as rock breakers were installed with noise barrier and absorptive material during operation. QPMEs and site activities rescheduling have been installed and planned by the contractor as mitigation measures. | Closed |

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| 210930 | 30 September 2021 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, reported to AECOM through project hotline dated on 30 September 2021 that the residents reflected that the construction noise generated from the construction site at the slope of Lin Tak Road causing large noise nuisance from 8 am to 6 pm during working days.</p> <p>The complaint regarding the construction noise at Lin Tak Road referred by AECOM was received by ET on 30 September 2021.</p> <p>According to the information provided by the contractor, and also reported in EM&A monthly report, that slope works using drill and split method were conducted under contract NE/2017/03 at RIW3 of Lin Tak Road starting from August 2019.</p> | <p>Remedial action taken according to the observations by ET:</p> <ol style="list-style-type: none"> 1. The plant and working area were covered by noise barrier in most of the time during noise monitoring and site inspections. 2. Noise absorption material was observed installed at the upper level since 20 October 2020. 3. Additional noise barrier was observed installed at lower level on 9 November 2020. 4. Cantilever was observed at middle level since 12 January 2021. 5. Sequencing of noisy works to be not operating at the same time for most of the time during inspection. 6. Grouping of PME and scheduled working time have been set by the contractor shown on site. | Closed |
| 211013 | 13 October 2021 | Public | Slope at Lin Tak Road | <p>The complainant reported through Project hotline that muddy runoff was observed from the construction site of CEDD near Lin Tak Road dated on 13 October 2021.</p> <p>The complaint concerned on the muddy runoff at Lin Tak Road was referred by RSS to ET on 18 October 2021.</p> <p>According to the observation and inspection, muddy runoff was caused by the adverse weather, Amber Rainstorm Warning Signal and Strong Wind Signal no.8 came into force on 13 October 2021. Heavy rainfall flowed down the slope and became muddy.</p> | <p>Remedial action taken according to the observations by ET:</p> <p>The Contractor has reinforced the bundings in the site area to prevent any potential muddy runoff from leaking outside the site area.</p> | Closed |

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| 220214 | 14 February 2022 | Public | New Clear Water Bay Road, near the Shun Lee Disciplined Services Quarters | <p>The complainant reported to 1823 hotline on 14 February 2022 regarding construction noise and air pollution generated from the RIW2 construction sites. The case was referred to the ET on 4 March 2022.</p> <p>According to the Contractor's information, erection of formwork, piling excavation, sheet piling and grouting were conducted at RIW2 during February 2022.</p> <p>According to the monitoring records and inspections, there were no noise and air quality exceedances recorded at the monitoring stations at RIW2 during January, February and March 2022. Noise barriers around PMEs and water spraying as dust suppression were observed to be implemented by the Contractor.</p> | <p>Remedial actions to the Contractor as recommended by ET:</p> <ol style="list-style-type: none"> 1. Turn off any noisy equipment in idle. 2. Provide regular water spraying in the site area during dry period. | Closed |
| 220801 | 1 August 2022 | EPD | New Clear Water Bay Road, near the Shun Lee Disciplined Services Quarters | <p>The complainant has contacted EPD before August 2022 who noticed a 24 hour low frequency mechanical noise such as grouting noise and drilling noise emanating from the construction site (RIW1) at New Clear Water Bay Road since early June 2022. The case was referred to the ET on 1 August 2022.</p> <p>According to Contractor's information, piling works were being conducted at RIW1 during day times in this time period. No major works with PMEs were scheduled between 19:00 and 07:00. No recent CNP was applied to the complained section of the site area.</p> | <p>Remedial actions to the Contractor as recommended by ET:</p> <ol style="list-style-type: none"> 1. Turn off any PMEs after 19:00 on each working days. Inspections should be conducted by the Contractor to ensure compliances. | Closed |
| 221010 | 10 October 2022 | Public | Slope at Lin Tak Road, Opposite to Hong Wah Court | <p>The complainant, resident of Hong Wah Court, reported to AECOM through project hotline on 10 October 2022 regarding the inadequate noise barrier for the rock breaker at Slope D3 during its operation at 8:40am, 8 Oct 2022 and 10:05am, 10 Oct 2022.</p> <p>According to Contractor's and complainant's information, rock breaking works were being conducted at Slope D3 during this time period. Noise barrier was presented at the slope near the breaker but was considered to be inadequate.</p> | <p>The complaint is considered to be project related.</p> <p>Remedial actions to the Contractor as recommended by ET:</p> <ol style="list-style-type: none"> 1. Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should provide the works schedule and notifications at the site entrance. 2. Additional noise barriers should be provided around the rock breaker by the Contractor to mitigate the noise impact. | Closed |

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| 221014 | 14 October 2022 | Public | Slope at Lin Tak Road, Opposite to Hing Tin Estate | <p>The complainant, resident of Hing Tin Estate, reported to AECOM through project hotline on 14 October 2022 regarding the inadequate noise barrier for the rock breaker at Slope D4 during its operation at 10:15am, 14 Oct 2022.</p> <p>According to Contractor’s and complainant’s information, rock breaking works were being conducted at Slope D4 during this time period. Noise barrier was presented at the slope near the breaker but was considered to be inadequate.</p> | <p>The complaint is considered to be project related.</p> <p>Remedial actions to the Contractor as recommended by ET:</p> <ol style="list-style-type: none"> 1. Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should provide the works schedule and notifications at the site entrance. 2. Additional noise barriers should be provided around the rock breaker by the Contractor to mitigate the noise impact. | Closed |
| 230210 | 10 February 2023 | EPD | Slope D3 at Lin Tak Road | <p>The complainant, resident of Hong Wah Court, contacted EPD in February 2023 regarding the inadequate noise barrier for the rock breaker at Slope D3 during its operation in day time. The case was referred to the ET on 15 March 2023.</p> <p>According to Contractor’s and complainant’s information, rock breaking works were being conducted at Slope D3 during this time period. Noise barrier was presented at the slope near the breaker but was considered to be inadequate.</p> | <p>The complaint is considered to be project related. Additional noise monitoring were subsequently conducted by the ET to ensure compliance of the construction noise level in this works area.</p> <p>Remedial actions to the Contractor as recommended by ET:</p> <ol style="list-style-type: none"> 1. Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to reduce the impact. 2. Additional noise barriers were provided around the rock breaker by the Contractor to mitigate the noise impact. | Closed |
| 230311 | 11 March 2023 | Public | Slope D3 at Lin Tak Road | <p>The complainant, resident of Hong Wah Court, reported to AECOM through project hotline on 11 March 2023 regarding the inadequate noise barrier for the rock breaker at Slope D3 during its operation at 9:00am, 11 March 2023.</p> <p>According to Contractor’s and complainant’s information, rock breaking works were being conducted at Slope D3 during this time period. Noise barrier was presented at the slope near the breaker but was considered to be inadequate.</p> | <p>The complaint is considered to be project related. Additional noise monitoring were subsequently conducted by the ET to ensure compliance of the construction noise level in this works area.</p> <p>Remedial actions to the Contractor as recommended by ET:</p> <ol style="list-style-type: none"> 1. Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to reduce the | Closed |

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| | | | | | <p>impact.</p> <p>2. Additional noise barriers were provided around the rock breaker by the Contractor to mitigate the noise impact.</p> | |
| 230320 | 20 March 2023 | Public | Near New Clear Water Bay Road | <p>The complainant reported to DR through project hotline on 20 March 2023 regarding the noise of the construction works from the site RIW1 at New Clear Water Bay Road in the morning.</p> <p>According to Contractor’s information, pilling works were being conducted at RIW1 during this time period. Noise level exceedance was not recorded in this works area for the past year.</p> | <p>The complaint is considered to be project related. Additional noise monitoring were subsequently conducted by the ET to ensure compliance of the construction noise level in this works area.</p> <p>Remedial actions to the Contractor as recommended by ET:</p> <ol style="list-style-type: none"> 1. Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to reduce the impact. 2. Additional noise barriers should be provided around the PMEs by the Contractor to mitigate the noise impact. | Closed |
| 240105 | 5 January 2024 | Public | Slope D3 at Lin Tak Road | <p>The complainant, resident of Hong Wah Court, reported to ER through 1823 hotline regarding the excessive noise from the site area at Slope D3 during construction between 8:00 and 18:00 on 5 January 2024.</p> <p>According to site observations and complainant’s information, rock breaking and slope drilling works were being conducted at Slope D3 during this time period. Noise barrier was presented at the slope near the breaker but was considered to be inadequate and require further review for improvement.</p> | <p>The complaint is considered to be project related. While further noise exceedances were not recorded in the area, remedial actions are recommended by ET to the Contractor to improve the mitigation measures:</p> <ol style="list-style-type: none"> 1. Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to reduce the impact. 2. Additional noise barriers shall be installed around the breakers by the Contractor to mitigate the noise impact. | Closed |
| 240127 | 27 January 2024 | Public | Slope D3 at Lin Tak Road | <p>The complainant, resident of Hong Wah Court, reported to ER through project hotline, stating that noisy construction works had begun in the site area at Slope D3 at 8:30am on 27 January 2024.</p> <p>According to complainant’s information, rock sorting works via excavator were being conducted at Slope D3 at the time.</p> | <p>The complaint is considered to be project related. While the major noise generated construction works of rock breaking and drilling were not conducted at the time of the complaint. The Contractor should nevertheless review the work schedule of the Project to suit the nearby residents in order to avoid any noise nuisance.</p> | Closed |
| 240127 | 9 February | EPD | Lin Tak Road, | The complainant reported to EPD that the site area at | The contractor has provided a temporary drainage | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|-------------------------|--|---|--------|
| | 2024 | | Hing Tin Estate | <p>Lin Tak Road near Hing Tin Estate had leakage of waste water.</p> <p>Based on complainant's information, the area of concern is Slope D4 at Site RIW3. During ET's regular site inspection, no potential source of construction waste water discharge was observed from this area. Therefore, it's likely that surface runoff occurred during rainstorm could be the source of any potential waste water.</p> | <p>channel along the site boundary to divert the surface runoff within the site towards the waste water treatment tank prior to the discharge of public drainage system. Further repair works on the drainage channel was conducted and completed on 3 February 2024.</p> <p>No further leakage of waste water was observed from the site area. Regular site inspections shall be conducted to ensure no waste water leakage would be occurred.</p> | |
| 240424a | 24 April 2024 | EPD | Lin Tak Road | <p>The complainant reported to EPD that the site area at Lin Tak Road had excessive construction noise during late April 2024.</p> <p>According to complainant's information, rock sorting works via excavator were being conducted at Slope D3 at the time.</p> | <p>The complaint is considered to be project related. While further noise exceedances were not recorded in the area, remedial actions are recommended by ET to the Contractor to improve the mitigation measures:</p> <ol style="list-style-type: none"> 1. Grouping of the PME and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to reduce the impact. 2. Additional noise barriers shall be installed around the breakers by the Contractor to mitigate the noise impact. | Closed |
| 240424b | 24 April 2024 | EPD | Lin Tak Road | <p>The complainant reported to EPD that the site area at Lin Tak Road had leakage of waste water during late April 2024.</p> <p>During ET's regular site inspection, no potential source of construction waste water discharge was observed from this area. Therefore, it's likely that surface runoff occurred during rainstorm could be the source of any potential waste water.</p> | <p>The contractor has provided a temporary drainage channel along the site boundary to divert the surface runoff within the site towards the waste water treatment tank prior to the discharge of public drainage system. Further repair works on the drainage channel and water barrier inspection were conducted on 29 April 2024.</p> <p>No leakage of waste water was observed from the site area. Regular site inspections shall be conducted to ensure no waste water leakage would be occurred.</p> | Closed |
| 240522 | 22 May 2024 | EPD | Lin Tak Road | <p>The complainant, resident of Hong Wah Court, reported to EPD regarding the excessive noise from the opposite site area constructing bridge.</p> <p>According to Contractor's information, drilling and breaking works were being conducted during this time period.</p> | <p>The complaint is considered to be project related. While further noise exceedances were not recorded in the area, remedial actions are recommended by ET to the Contractor to improve the mitigation measures:</p> <ol style="list-style-type: none"> 1. Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to reduce the impact. 2. Additional noise barriers shall be installed around | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|-------------------------|--|---|--------|
| | | | | | the drilling machine/ breakers by the Contractor to mitigate the noise impact. | |
| 240613 | 13 June 2024 | EPD | Lin Tak Road | <p>EPD received several public complaints on the adverse construction noise emanating from the subject construction site at Lin Tak Road during non-restricted hours, and expressed concern that the noisy construction works, especially the rock breaking and excavation works, have persisted for a long time which affected their daily life. Moreover, some of the complainants voiced out that (1) noise barriers / noise insulation sheets were not positioned effectively to screen-off the breaking works location and other noisy works area, and (2) although additional noise screening structures will be put up nearer to Power Mechanical Equipment (PME) and works location after lodging complaints, these additional screening structures would usually be removed shortly.</p> <p>According to Contractor's information, drilling, breaking works, excavation and loading of inert material and site hoarding modification work were being conducted during this time period.</p> | <p>The complaint is considered to be project related. Remedial actions are recommended by ET to the Contractor to improve the mitigation measures:</p> <ol style="list-style-type: none"> 1. Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to reduce the impact. 2. Additional noise barriers shall be installed around the drilling machine/ breakers and positioned effectively to screen-off the construction noise by the Contractor to mitigate the noise impact. | Closed |
| 240702 | 2 July 2024 | EPD | Lin Tak Road | <p>EPD received complaint for non-restricted hour construction noise in relation to the construction site area at Lin Tak Road. The complainant has explicitly highlighted the extraneous noise from a malfunctioning splitter used during rock breaking.</p> | <p>The complaint is considered to be project related. Site check was conducted and no malfunctioning of machines was observed. No splitter was applied on site. Remedial actions are recommended by ET to the Contractor to improve the mitigation measures: Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to reduce the impact.</p> | Closed |
| 240925 | 25 September 2024 | EPD | Lin Tak Road | <p>EPD received several public complaints regarding non-restricted hour construction noise emanating from Construction Site at Lin Tak Road. Some complainants mentioned that (i) rock breaking activities by breakers caused adverse noise impact, in particular in early morning, and, (ii) noise barriers / noise insulation sheets were not positioned effectively to screen-off the breaking works location and machineries.</p> | <p>The complaint is considered to be project related. The contractor reported that breaking works have been started after 0900 am. Remedial actions are recommended by ET to the Contractor to improve the mitigation measures:</p> <ol style="list-style-type: none"> 1. Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|-------------------------|--|---|--------|
| | | | | | reduce the impact. 2. Noise barriers shall be positioned near to breaking/drilling works location and PMEs to effectively screen-off noise to nearby residential buildings. 3. Breaker tips of beakers shall be positioned properly at rock surface during breaking works to avoid slipping from rock surface and result in adverse noise nuisance. | |
| 20241217 | 17 December 2024 | EPD | Lin Tak Road | EPD received a complaint for construction dust control measures in relation to the construction site area at Lin Tak Road. The complainant expressed that there were no measures for reducing dust emission at Lin Tak Road near Hong Wah Court. | Site check was conducted and the following mitigation measures were provided on site to control dust emission: 1. Stockpiles of dusty materials were covered or water sprayed. 2. Exposed haul road was hard paved, surface compacted or water sprayed. 3. Wheel washing of vehicles was provided before leaving site Remedial action is recommended by ET to the Contractor to improve the mitigation measures: 1. Provide water spraying for dusty activities including breaking or drilling works. | Closed |
| 20250812 | 12 August 2025 | EPD | Lin Tak Road | EPD received several public complaints regarding day-time construction noise emanating from Construction Site at Lin Tak Road. Some complainants mentioned that use of heavy machines have caused adverse noise impact. A few complainants complained that insufficient noise reduction measures are provided and highlighted that the current extent of noise barriers could only protect lower floors of nearby residential buildings. | The complaint is considered to be project related. Site check was conducted and the following measures were observed to be provided by the contractor: 1. Noise barriers were provided between the active work area and the NSR. 2. Breaker head and drilling rig were wrapped with noise absorptive materials. 3. QPME were deployed on site. The following measures will be provided by the contractor: 1. Higher noise barrier will be further extended along the boundary of works area (i.e. Lin Tak Road). 2. Additional training sessions will be conducted and the frequency of supervision enhanced to prevent malpractice by workers. Remedial actions are recommended by ET to the | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|-------------------------------|-------------------------|---|--|--------|
| | | | | | Contractor to improve the mitigation measures: <ol style="list-style-type: none"> Grouping of the PMEs and works schedule should be further reviewed to reduce the noise impact to the residents. The Contractor should reduce the amount of PMEs working at the same time to reduce the impact. The noisy operation part of the drilling rig should be wrapped with noise absorptive materials properly. | |
| 20251002 | 2 October 2025 | Public and CEDD | Lin Tak Road | The complainant emailed to CEDD regarding the concerns on the construction activities at hillside near Lin Tak Road. The complainant expressed that the hillside works involving quarry activities and quarry equipments being used has been and being "too closely" to the 37 storeys tall premises, namely Yee Hong House and the noise level "has been excessive" and "being excessive" concerning with support of complaints, witnesses, findings, evidence record. The complainant also expressed that the 3m high noise barrier, and other measures are either "unproven" or "ineffective" noise control measures at site. | Email was sent by CEDD to the complainant and explained that <ol style="list-style-type: none"> Environmental Permit (EP) was obtained for the subject road improvement works with the approved EIA report that the environmental impact could be controlled after the implementation of the mitigation measures. Given the site area is in the close vicinity of the residential area and hillside area is highly exposed to high wind condition, Project Team has been working closely with the ET, IEC and noise specialist to minimize the noise impact to nearby residents since the commencement of the project in 2018. Various options of noise mitigation measures, such as magnetic tuned mass dampers, inflatable type noise barrier, silent-up noise barrier were studied. To suit the site specific constraints, magnetic tuned mass dampers to breaker and silent-up noise barriers has installed on the site boundary. In addition, the works period is restricted from 9:00am to 7:00pm. Noise measurement was taken on site and the noise level was reduced. Exploring with noise specialist is being in the pipeline to study the practicability of applying new materials to surround the breaking machines in the subject site area. A site trial will be carry out to review the performance of this measure. Noise barriers were provided between the active work area and the NSR Site check was conducted and the following measures were observed to be provided by the contractor: <ol style="list-style-type: none"> Noise barriers were provided between the active | Closed |

| Complaint Log No. | Date of Complaint | Received From and Received By | Location of Complainant | Nature of Complaint | Outcome | Status |
|-------------------|-------------------|---|-------------------------|---|--|-------------------|
| | | | | | <p>work area and the NSR.</p> <p>2. Breaker head and drilling rig were wrapped with noise absorptive materials.</p> <p>The contractor also reported that the works sequences and operation time of plants on-site were scheduled to minimize the noise.</p> <p>ET reminded the contractor to maintain the noise mitigation measures on site.</p> | |
| 20251125 | 25 November 2025 | Public and Private Secretary to the Chief Executive | Lin Tak Road | The complainant emailed to Office of Chief Executive and Chief Secretary regarding the concerns on the construction activities at hillside near Lin Tak Road. The complainant complained about the unlawful acts of civil service causing to: (a) public nuisance; (b) damages and adversely affecting the nearby public structures of buildings, overpass, ground surface and underground infrastructures, watercourse systems, etc. | <p>Site check was conducted and the following measures were observed to be provided by the contractor:</p> <ol style="list-style-type: none"> Noise barriers were provided between the active work area and the NSR. Breaker head and drilling rig were wrapped with noise absorptive materials. <p>The contractor also reported the following measures were provided on site:</p> <ol style="list-style-type: none"> The works sequences and operation time of plants on-site were scheduled to minimize the noise. Magnetic Dampers and noise insulating material provided for plants. Splitters were used as far as practicable <p>ET reminded the contractor to maintain the noise mitigation measures on site.</p> | To be followed up |

Appendix 9.1

Construction Programme of Individual Contracts

| Activity ID | Activity Name | Duration | Start | Finish | 2026 | | | |
|--|---|----------|---------------|-------------|------------|------------|------------|------------|
| | | | | | May 101 | Jun 102 | Jul 103 | Aug 104 |
| NE2017/03 - ARQ PHASE 2A - Monthly Programme Update (202605)-0_260528 | | | | | | | | |
| Road Improvement Works Location 1 (RIW1) | | | | | | | | |
| Construction Works | | | | | | | | |
| CON11892 | Drainage, utilities works, backfilling & road paving (West Bound, 2nr MH & 10 t | 60 | 24-Mar-2026 A | 08-Jun-2026 | | | | |
| CON11332 | Install sheet pile (CT5-PC1 ~ CT5-PC3) | 12 | 12-Jun-2026 | 26-Jun-2026 | | | | |
| CON11950 | Install sheet pile & ELS works (FE1-F1b ~ FE1-F3b) | 24 | 25-Jun-2026 | 23-Jul-2026 | | | | |
| CON11334 | ELS works (CT5-PC1 ~ CT5-PC3) | 18 | 27-Jun-2026 | 18-Jul-2026 | | | | |
| CON11350 | Construct NB pile cap (CT5-PC1 ~ CT5-PC3) | 30 | 20-Jul-2026 | 22-Aug-2026 | | | | |
| CON11970 | Construct NB footing (FE1-F1b ~ FE1-F3b, 41m, 1m/d) | 24 | 24-Jul-2026 | 20-Aug-2026 | | | | |
| CON11990 | Construct NB RC tie beam / wall (FE1-F1b ~ FE1-F3b, 41m, 1m/d) | 30 | 21-Aug-2026 | 24-Sep-2026 | | | | |
| CON11370 | Construct NB RC tie beam / wall (CT5-PC1 ~ CT5-PC3) | 30 | 24-Aug-2026 | 28-Sep-2026 | | | | |
| Road Improvement Works Location 2 (RIW2) | | | | | | | | |
| Construction Works in Slope C3 (Portion B) | | | | | | | | |
| CON21175C | (NCE366) (NCE0374) Setback of existing drainage system & utilities at portion | 30 | 11-May-2026 A | 15-Jun-2026 | | | | |
| CON20350 | Acoustic panels near on sau road left turn to kowloon side delivery | 24 | 21-May-2026 | 13-Jun-2026 | | | | |
| CON20390 | Acoustic panels along new clean water bay road to kowloon delivery | 24 | 14-Jun-2026 | 07-Jul-2026 | | | | |
| CON21190 | Construct hard landscape works at Portion B | 55 | 06-Jul-2026 | 07-Sep-2026 | | | | |
| Construction Noise Semi-Enclosure SE2 (Portion C) | | | | | | | | |
| CON218705 | (NCE493) (NCE372) Additional gas pipe protection works during ELS works (f | 60 | 05-Jan-2026 A | 08-Jul-2026 | | | | |
| CON22630 | Slope improvement Works (pit-by-pit method) (SE2 remaining, 150nos pit, 1wk | 120 | 16-Feb-2026 A | 17-Jul-2026 | | | | |
| CON218703 | (NCE493) Install pipe pile, sheet pile works & ELS works (SE2 PC1 to PC4) | 78 | 21-Mar-2026 A | 06-Jun-2026 | | | | |
| CON22632 | Laying cable duct system in Slope C4 | 60 | 06-May-2026 A | 17-Jul-2026 | | | | |
| CON21890 | (NCE493) Construct NB footing (SE2 PC1 to PC4; L=75m) | 36 | 15-May-2026 A | 13-Aug-2026 | | | | |
| CON22270 | Drainage, utilities works, backfilling & road works (40m, 0.6m/d, 1 team) | 90 | 19-May-2026 A | 03-Sep-2026 | | | | |
| CON22634 | Slope drainage work in Slope C4 | 60 | 20-May-2026 A | 31-Jul-2026 | | | | |
| CON22450 | Erect steel column (SE2 PC5 to PC6) | 18 | 21-May-2026 | 11-Jun-2026 | | | | |
| CON22330 | Erect vertical panel (phase 1: CT4, SE2 Bay4 to Bay12) | 42 | 02-Jul-2026 | 19-Aug-2026 | | | | |
| CON22490 | Erect vertical panel (SE2 PC5 to PC6) | 36 | 08-Jul-2026 | 18-Aug-2026 | | | | |
| CON21890A | (NCE493) (NCE359) Enlarge pile cap footprint due to foundation design review | 15 | 14-Aug-2026 | 31-Aug-2026 | | | | |
| CON22530 | Erect vertical panel (phase 2: SE2 Bay13 to Bay21) | 42 | 20-Aug-2026 | 09-Oct-2026 | | | | |
| Road Improvement Works Location 3 (RIW3) | | | | | | | | |
| Construction Works | | | | | | | | |
| CON65210 | (NCE467) Design review for new alignment | 60 | 19-Nov-2025 A | 01-Jun-2026 | | | | |
| CON65230 | (NCE467) Road works (Slip Road 4) (Night works) | 90 | 02-Jun-2026 | 16-Sep-2026 | | | | |
| (CE No. 595) Acceleration for Works in RIW3 | | | | | | | | |
| CON347341 | (NCE498) Change of Work Information for the Diversion for Existing Sewerage | 90 | 04-Feb-2026 A | 29-May-2026 | | | | |
| CON34326 | (NCE506) Design review for F1-3 of Bridge F1 | 115 | 17-Mar-2026 A | 06-Aug-2026 | | | | |
| CON34736 | (NCE475) Delay for the construction of Abutment A due to change of WI of Abi | 30 | 09-Apr-2026 A | 27-Jun-2026 | | | | |
| CON65154 | (NCE449) Concrete trimming works for the bend block of existing DN600 saltw | 30 | 28-Apr-2026 A | 03-Jun-2026 | | | | |
| CON65156 | (NCE480) Change of Work Information of DN600 Saltwater Main D at RIW3 L | 30 | 28-Apr-2026 A | 03-Jun-2026 | | | | |
| CON65158 | (NCE512) Additional works on Saltwater Main D Connection works | 30 | 28-Apr-2026 A | 03-Jun-2026 | | | | |
| CON65352 | (NCE477) Defect Rectification for HKCG's uneven paving block at Hiu Kwong | 30 | 30-Apr-2026 A | 05-Jun-2026 | | | | |
| CON61130 | Rock excavation to berm 1 (the highest berm) (upto CH200) | 220 | 02-May-2026 A | 23-Jan-2027 | | | | |
| CON61150 | Rock excavation to berm 2 (the middle upper berm) (upto CH210) | 220 | 02-May-2026 A | 23-Jan-2027 | | | | |
| CON61170 | Rock excavation to berm 3 (the middle lower berm) (upto CH220) | 220 | 02-May-2026 A | 23-Jan-2027 | | | | |
| CON61190 | Rock excavation to berm 4 (the lowest berm) (upto CH230) | 220 | 02-May-2026 A | 23-Jan-2027 | | | | |
| CON61970 | Rock breaking for footing (Abt B) | 20 | 02-May-2026 A | 26-May-2026 | | | | |
| CON61510 | New Footpath, maintenance access, UU & street furniture | 60 | 21-May-2026 | 01-Aug-2026 | | | | |
| CON65170 | (NCE480) connection works to SWM-D | 36 | 23-Jun-2026 | 04-Aug-2026 | | | | |
| CON62010 | Footing formwork & re-bar (Abt B) | 10 | 24-Jun-2026 | 06-Jul-2026 | | | | |
| CON34738 | (NCE443) Additional duration handle uncharted existing ground utilities clashin | 30 | 17-Jul-2026 | 20-Aug-2026 | | | | |
| CON61530 | Road paving + Road Marking | 12 | 03-Aug-2026 | 15-Aug-2026 | | | | |
| CON34328 | (NCE494) Re-mobilisation of piling equipments F1-3 no.2 | 12 | 07-Aug-2026 | 20-Aug-2026 | | | | |
| CON62150 | Backfilling (rock fill+general fill) (Abt B) | 10 | 12-Aug-2026 | 22-Aug-2026 | | | | |
| CON63630 | ELS & excavation & rock breaking & formation preparation for footing (RS-B) | 24 | 24-Aug-2026 | 19-Sep-2026 | | | | |
| CON34770 | Mini Piles piling (2wd/pipe, 2 terms) (F1-AbtA) | 57 | 24-Aug-2026 | 31-Oct-2026 | | | | |
| CON343322 | (NCE357) (NCE440) Additional mobilisation of bore-pile rig to F1-3 | 15 | 25-Aug-2026 | 10-Sep-2026 | | | | |
| CON36450 | Fabrication of Form Traveler 1 at F1-1 | 13 | 26-Aug-2026 | 09-Sep-2026 | | | | |
| Pedestrian Connectivity Facility System B (SYB) | | | | | | | | |
| Construction Works | | | | | | | | |
| CON51550 | (NCE507) Slope works - slope B2 | 36 | 21-Jan-2026 A | 30-May-2026 | | | | |
| CON51590 | (NCE507) Slope reinstatement works for additional access near PC3 & PC5 | 36 | 21-Jan-2026 A | 30-May-2026 | | | | |
| CON51594 | (PMI652) (CE824) (PMI732) Remaining watermain works | 72 | 01-Jun-2026 | 25-Aug-2026 | | | | |
| CON51602 | Reinstatement works along On Sau Road | 36 | 26-Aug-2026 | 08-Oct-2026 | | | | |

- Actual Work
- Remaining Work
- Milestone