MOTT MACDONALD

Agreement No. CE 30/2018 (EP) Environmental Team for Kai Tak Sports Park – Design and Construction

Quarterly EM&A Report (Jul 2024 – Sep 2024)

October 2024

Culture, Sports and Tourism Bureau

Culture, Sports and Tourism Bureau
Kai Tak Sports Park Project Office
1/F, Block A
Kai Tak Sports Park Site Office
Muk Tai Street
Kai Tak, Kowloon

Agreement No. CE 30/2018 (EP) Environmental Team for Kai Tak Sports Park – Design and Construction

Quarterly EM&A Report (Jul 2024 – Sep 2024)

October 2024

Mott MacDonald Hong Kong Limited
registered in Hong Kong no. 236497

Culture, Sports and Tourism Bureau
The Government of the Hong Kong Special Administrative Region of the People's Republic of China

ERM

Environmental Permit No. EP-544/2017

Kai Tak Sports Park - Investigation

Independent Environmental Checker Verification

Reference Document/Plan

Document/~~Plan~~ to be ~~Certified~~/ Verified:	Quarterly EM&A Report No. 22 (July to September 2024)
Date of Report:	29 October 2024
Date received by IEC:	29 October 2024

Reference EP Condition / EM&A Manual

EM&A Manual (AEIAR-204/2017)	Sections 2.5.1 (v) & 14.1.1

The ET should prepare monthly, quarterly and final EM&A reports to summarize environmental performance and to anticipate future key issues.

The ET shall prepare baseline monitoring report, monthly EM&A reports, quarterly EM&A report and final EM&A report. They shall be submitted to the EPD in paper and electronic formats in a timely manner.

IEC Verification

I hereby verify that the above referenced document/~~plan~~ complies with the above referenced condition of EP-544/2017/EM&A Manual.

Ms Mandy To

Independent Environmental Checker

Date: 29 October 2024

Our ref: 0500384_IEC Verification Cert_KTSP_Quarterly EM&A Rpt No.22.docx

Culture, Sports and Tourism Bureau
The Government of the Hong Kong Special Administrative Region
of the People's Republic of China

MOTT MACDONALD

Environmental Permit No. EP- 544/2017

Kai Tak Sports Park – Investigation

Environmental Team Leader Certification

Reference Document /Plan

Document/~~Plan~~ to be Certified:	Quarterly EM&A Report (Jul 2024 – Sep 2024)
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The ET shall prepare baseline monitoring report, monthly EM&A reports, quarterly EM&A report and final EM&A report. They shall be submitted to the EPD in paper and electronic formats in a timely manner.

ETL Certification

I hereby certify that the above reference document complies with the above referenced condition of EP-544/2017.

Sunny Chan

Mr Sunny Chan
Environmental Team Leader Date: 29 October 2024

Contents

Tables

Executive Summary

This is the 22nd Quarterly Environmental Monitoring & Audit (EM&A) Report for the construction phase of the Kai Tak Sports Park (KTSP) Project which summaries findings of the EM&A programme during the reporting period from 1 July 2024 to 30 September 2024 (the "reporting period") under the Environmental Permit (No. EP-544/2017) requirement.

Environmental Monitoring and Audit Progress

The monthly EM&A programme was implemented by Environmental Team (ET) in accordance with the approved EM&A Manual. A summary of the EM&A activities during the reporting period is presented below:

Activities	Locations	Dates
Air quality impact monitoring (1-hour TSP)	AMS1-T, AMS1-T2*, AMS2, AMS4	4, 10, 16, 22, 26 Jul 2024 1, 7, 13*, 19*, 23*, 29* Aug 2024 4*, 10*, 16*, 20*, 26* Sep 2024
Noise impact monitoring ($L_{eq\ (30\ min)}$)	NMS1-T, NMS1-T2*, NMS2, NMS4	4, 10, 16, 22 Jul 2024 1, 7, 13*, 19*, 29* Aug 2024 4*, 10*, 16*, 26* Sep 2024
Weekly environmental site inspections	Kai Tak Sports Park Project Site	3, 10, 17, 23, 31 Jul 2024 7, 14, 21, 27 Aug 2024 4, 11, 19, 24 Sep 2024
Bi-weekly landscape and visual site inspections	Kai Tak Sports Park Project Site	10, 23 Jul 2024 7, 21 Aug 2024 4, 19 Sep 2024

*Note:

During the reporting period, temporary impact monitoring stations, AMS1-T and NMS1-T, were no longer accessible from 13 August 2024, due to the relocation of the Agriculture, Fisheries and Conservation Department Kowloon Animal Management Centre.

Alternative temporary air quality and noise impact monitoring stations, AMS1-T2 and NMS1-T2, were proposed by ET and agreed by IEC on 9 August 2024 and further approved by EPD on 28 August 2024 for conducting impact monitoring during the reporting period. The details of temporary monitoring stations are described in Section 2.

Breaches of Action and Limit Levels

Air Quality

No Action and Limit Level exceedances of 1-hour TSP level was recorded during the reporting period.

Noise

One noise related complaint was received during the reporting period. One Action Level exceedance for noise was triggered during the reporting period.

Six Limit Level exceedances of noise at NMS1-T2, and one Limit Level exceedance for noise level was recorded at NMS4 during the reporting month. Exceedance investigations were conducted and summarised in **Appendix L**.

Complaint Log

There were two complaints received in relation to the environmental impact during the reporting period. Complaint investigation was conducted and summarised in **Appendix M**.

Summary of Complaints in the Reporting Month

Date of Notification from EPD	Date of Complaint	Description of Complaint	Recommendations / Actions	Close-Out Date / Status
22 Jul 2024	12 Jul 2024	- Complaint of light nuisance from the construction site Kai Tak Sports Park - Please be advised to implement practicable mitigation measures at your construction site to minimize the environmental nuisance arising from the construction work.	1. Subcontractors had been reminded to finish the light testing at night by 22:30 and completely switch off all external sports light by 23:00. 2. An updated memo to nearby residents will be issued to notify the light tests schedule in Kai Tak Sports Park Public Sports Ground. 3. Spot lights are adjusted to control lighting direction away from nearby residential. 4. “Guidelines on Industry Best Practices for External Lighting Installations” has been provided to subcontractor for reminder. 5. Implementation of potential glare and light control mitigation measures recommended in EIA’s Environmental Mitigation Implementation Schedule and Landscape and Visual Mitigation Plan.	29 Jul 2024

Date of Notification from EPD	Date of Complaint	Description of Complaint	Recommendations / Actions	Close-Out Date / Status
2 Sep 2024	16 Aug 2024	- Complaint of noise nuisance from the construction site Kai Tak Sports Park at night. - Please be advised to implement practicable mitigation measures at your construction site to minimize the environmental nuisance arising from the construction work.	1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. 2. Subcontractors had been reminded to observe the Construction Noise Permit for working at night during regular subcontractor meetings. 3. A memo to all subcontractors has been issued in August 2024 with the latest Construction Noise Permit attached. 4. Night time inspections were conducted to ensure all Power Mechanical Equipment were switched off. 5.Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.	4 Oct 2024

Notifications of Summons and Successful Prosecutions

There were no notifications of summons or prosecutions received during this reporting period.

Reporting Changes

There was no reporting change during the reporting period.

Remark:

According to the Project Architect and Contractor of the Hotel and Office Development, the construction works at Hotel and Office Development area have been substantially completed and the Hotel area has been handed over to the developer on 25 September 2024.

Termination of EM&A site inspection at Hotel and Office Development area was proposed by ET and IEC during the reporting period and pending approval from EPD.

1 Project Information

1.1 Project Organisation

The organisation chart and lines of communication with respect to the on-site environmental management structure of the key personnel are shown in **Appendix A**. The key personnel contact names and numbers are summarized in **Table 1.1**.

Table 1.1: Contact Information of Key Personnel

Party	Position	Name	Telephone	Fax
Project Proponent (Culture, Sports and Tourism Bureau)	Project Director (Sports Park)	Edwin Wong (till 11 Aug 2024)	3586 3403	3586 0591
		Lilian Cheung (from 12 Aug 2024)		
Supervising Officer's Representative (Culture, Sports and Tourism Bureau)	Senior Engineer	Keith Man	3586 3149	3586 0591
Environmental Team (Mott MacDonald Hong Kong Limited)	Environmental Team Leader	Sunny Chan	2828 5962	2827 1823
	Deputy Environmental Team Leader	Ken Wong	2828 5757	2827 1823
Independent Environmental Checker (ERM Hong Kong Limited)	Independent Environmental Checker	Mandy To	2271 3000	3015 8052
Contracted Party (Kai Tak Sports Park Limited)	Assistant Contract Manager	Eric Chung	3552 5003	2845 9295
	Environmental Officer	Gary Yim	3552 5013	3552 5099
Hotel and Office Development				
Project Manager (Sanon Limited)	Senior Group Project Director	David Lee	2910 8368	2815 9949
	Project Manager	William Chan	2910 8363	2815 9949
Project Architect (P&T Architects & Engineers Limited)	Project Architect	Patrick Chan	2832 7205	-
Contractor (Hip Hing Construction Co. Ltd.)	Project Manager	Michael Wong	96719952	-
24-hour Community Liaison Hotline	-	-	5587 6112	-

1.2 Works Area and Construction Programme

The construction works commenced on 8 April 2019. The works area of the Project is shown in **Appendix B**. The Construction Works Programme of the Project is provided in **Appendix C**.

According to the Project Architect and Contractor of the Hotel and Office Development, the construction works at Hotel and Office Development area have been substantially completed and the Hotel area has been handed over to the developer on 25 September 2024.

Termination of EM&A site inspection at Hotel and Office Development area was proposed by ET and IEC during the reporting period and pending approval from EPD.

1.3 Construction Works undertaken during the Reporting Period

A summary of construction activities undertaken during this reporting period is presented below:

Table 1.2: Construction Works undertaken during the Reporting Period

July 2024	August 2024	September 2024
KTSP		
• Mobilization and lifting; • Concreting; • Excavation; and • Landscape work.	• Mobilization and lifting; • Concreting; • Excavation; and • Landscape work.	• Mobilization and lifting; • Concreting; • Excavation; and • Landscape work
H/O Development		
• Excavation; • Concreting; and • Landscape work	• Excavation; • Concreting; and • Landscape work	• Excavation; • Concreting; and • Landscape work

2 Summary of EM&A Requirement

2.1 EM&A Requirement

In accordance with the EM&A Manual of the Project, the EM&A programme was established to assure compliance with the standards and predictions in the EIA study involving the construction and operation of the Project. The environmental performance was routinely monitored and audited for evaluating the effectiveness of the recommended mitigation measures or remedial action. Impact air quality and noise monitoring were required for the Project.

Air Quality

2.2 Air Quality Monitoring Parameters, Frequency and Duration

Table 2.1 summarises the monitoring parameters, frequency and duration of impact air quality monitoring.

Table 2.1: Air Quality Monitoring Parameters, Frequency and Duration

Parameter	Frequency and Duration
1-hour TSP	3 times every six-days

2.3 Air Quality Monitoring Locations

According to the EM&A Manual, a total of five air quality monitoring stations were identified for impact monitoring. Of these, two air quality sensitive receivers AMS3 and AMS5 are planned residential use and were currently not available for impact monitoring during the reporting period.

Monitoring station AMS4, the originally planned residential use at Kai Tak Area 1K Site 3 (i.e. The Henley) has been in occupation in July 2022. The detail of the proposed monitoring station is shown as follow:

Table 2.2: Detail of Proposed Dust Monitoring Station

Monitoring Station	Description in EM&A Manual	Proposed Monitoring Station
AMS4	Kai Tak Area 1K Site 3 (1K3) (residential use)	Rooftop of Retail Building in front of The Henley

Table 2.3 describes the impact air quality monitoring stations and **Figure 2.1** shows their locations.

Table 2.3: Construction Dust Monitoring Locations

Monitoring Station	Location	Status
AMS1	Hong Kong Society for the Blind Workshop, Roof Floor	Existing Air Sensitive Receiver
AMS2	Sky Tower, Podium of Tower 7	Existing Air Sensitive Receiver
AMS4	Retail Building in front of The Henley, Rooftop	Existing Air Sensitive Receiver
AMS3	Kai Tak Area 2B Site 4 (2B4) (residential use)	Planned Air Sensitive Receiver
AMS5	Kai Tak Area 1L Site 3 (1L3) (residential use)	Planned Air Sensitive Receiver

During the reporting period, monitoring station AMS1 was no longer open for impact monitoring from 1 September 2022, due to relocation of the Hong Kong Society for the Blind Workshop.

Temporary air quality monitoring station, AMS1-T, was used to conduct dust monitoring from September 2022. Details of temporary alternative monitoring locations are presented in Temporary Alternative Proposal for Monitoring Station as proposed by ET and agreed by IEC dated 6 January 2021.

During the reporting period, temporary monitoring station AMS1-T, was no longer accessible from 13 August 2024, due to the relocation of the Agriculture, Fisheries and Conservation Department Kowloon Animal Management Centre. Alternative temporary air quality monitoring station, AMS1-T2 was proposed by ET and agreed by IEC on 9 August 2024 and further approved by EPD on 28 August 2024 for conducting impact monitoring during the reporting period.

The details of temporary monitoring stations are described in **Table 2.4** and the location of temporary monitoring station is shown in **Figure 2.1**.

Table 2.4: Temporary Construction Dust Monitoring Location

Monitoring Station	Location	Status
AMS1-T	Agriculture, Fisheries and Conservation Department Kowloon Animal Management Centre, 102 Sung Wong Toi Road	Existing Air Sensitive Receiver (not accessible from 13 August 2024)
AMS1-T2	Shing Kai Road Garden	Existing Air Sensitive Receiver (from 13 August 2024)

2.4 Action and Limit Levels for Air Quality Monitoring

The Action and Limit Levels for 1-hr TSP are provided in **Table 2.5**.

Table 2.5: Action and Limit Levels for 1-hour TSP

Monitoring Station	Action Level, μg/m^3	Limit Level, μg/m^3
AMS1 – Hong Kong Society for the Blind Workshop, Roof Floor	283	500
AMS2 – Sky Tower, Podium of Tower 7	280	500
AMS3 - Kai Tak Area 2B Site 4 (2B4) (residential use)	287*	500
AMS4 - Kai Tak Area 1K Site 3 (1K3) (residential use)	287*	500
AMS5 - Kai Tak Area 1L Site 3 (1L3) (residential use)	287*	500

*Remarks: the Action Level for AMS3, AMS4 and AMS5 were derived from an alternative monitoring station AMS3-4-5 during the baseline monitoring.

The event and action plan is provided in **Appendix D**.

2.5 Wind Data

Wind data at Kai Tak automatic weather station collected from the Hong Kong Observatory (HKO) were used for the air quality monitoring for recording wind speed and wind direction. It is considered that the wind data obtained at the existing Kai Tak wind station are representative of

the Project area and could be used for undertaking the construction phase baseline and impact air quality monitoring programme for the Project.

The detail of the wind data is shown in **Appendix F**.

Noise

2.6 Noise Monitoring Parameters, Frequency and Duration

Table 2.6 summarises the monitoring parameters, frequency and duration of impact noise monitoring.

Table 2.6: Noise Monitoring Parameters, Frequency and Duration

Parameter	Frequency and Duration
30-minutes measurement at each monitoring station between 0700 and 1900 on normal weekdays (Monday to Saturday). L_{eq}, L_{10} and L_{90} would be recorded.	At least once per week

2.7 Noise Monitoring Locations

According to the approved EM&A Manual, a total of seven noise monitoring stations were identified for the impact monitoring locations. Of these, four noise sensitive receivers NMS1A, NMS2A, NMS3 and NMS5 are planned residential use and were currently not available for impact monitoring during the reporting period.

Monitoring station NMS4, the originally planned residential use at Kai Tak Area 1K Site 3 (i.e. The Henley) has been in occupation in July 2022. The detail of the proposed monitoring stations are shown as follow:

Table 2.7: Detail of Proposed Noise Monitoring Location

Monitoring Station	Description in EM&A Manual	Proposed Monitoring Station
NMS4	Kai Tak Area 1K Site 3 (1K3) (residential use)	Rooftop of Retail Building in front of The Henley (Façade Measurement)

Table 2.8 describes the details of the monitoring stations and **Figure 2.2** shows the locations of noise monitoring stations.

Table 2.8: Construction Noise Monitoring Locations

Monitoring Station	Location Description	Status
NMS1	Hong Kong Society for the Blind Workshop, Roof Floor	Existing Noise Sensitive Receiver
NMS2	Sky Tower, Podium of Tower 7	Existing Noise Sensitive Receiver
NMS4	Retail Building in front of The Henley, Rooftop	Existing Noise Sensitive Receiver
NMS1A	Sung Wong Toi Road Public Housing Site	Planned Noise Sensitive Receiver
NMS2A	Sung Wong Toi Road CDA Site (mixed use)	Planned Noise Sensitive Receiver
NMS3	Kai Tak Area 2B Site 4 (2B4) (residential use)	Planned Noise Sensitive Receiver
NMS5	Kai Tak Area 1L Site 3 (1L3) (residential use)	Planned Noise Sensitive Receiver

During the reporting period, monitoring station NMS1 was no longer open for impact monitoring from 1 September 2022, due to relocation of the Hong Kong Society for the Blind Workshop.

Temporary noise monitoring station, NMS1-T, was used to conduct noise monitoring from September 2022. Details of temporary alternative monitoring locations are presented in Temporary Alternative Proposal for Monitoring Station as proposed by ET and agreed by IEC dated 6 January 2021.

During the reporting period, temporary monitoring station NMS1-T, was no longer accessible from 13 August 2024, due to the relocation of the Agriculture, Fisheries and Conservation Department Kowloon Animal Management Centre. Alternative temporary noise monitoring station, NMS1-T2 was proposed by ET and agreed by IEC on 9 August 2024 and further approved by EPD on 28 August 2024 for conducting impact monitoring during the reporting period.

The details of temporary monitoring station are described in **Table 2.9** and the location of noise monitoring station is shown in **Figure 2.2**

Table 2.9: Temporary Construction Noise Monitoring Location

Monitoring Station	Location Description	Status	Type of Measurement
NMS1-T	Agriculture, Fisheries and Conservation Department Kowloon Animal Management Centre, 102 Sung Wong Toi Road	Existing Noise Sensitive Receiver (not accessible from 13 August 2024)	Façade
NMS1-T2	138 To Kwa Wan Road	Existing Noise Sensitive Receiver (from 13 August 2024)	Façade

Action and Limit Levels for Noise Monitoring

The Action and Limit Levels for construction noise are defined in **Table 2.10**

Table 2.10: Action and Limit Level for Construction Noise

Monitoring Station	Time Period	Action Level	Limit Level
NMS1-T NMS1-T2 NMS2 NMS4	0700 – 1900 hours on normal weekdays	When one documented complaint is received	75 dB(A)

The event and action plan is provided in **Appendix D**.

3 Summary of Environmental Status

3.1 Construction Works undertaken during the Reporting Period

A summary of construction activities undertaken during this reporting period is presented below:

Table 3.1: Construction Works undertaken during the Reporting Period

July 2024	August 2024	September 2024
KTSP		
• Mobilization and lifting; • Concreting; • Excavation; and • Landscape work	• Mobilization and lifting; • Concreting; • Excavation; and • Landscape work	• Mobilization and lifting; • Concreting; • Excavation; and • Landscape work
H/O Development		
• Excavation; • Concreting; and • Landscape work	• Excavation; • Concreting; and • Landscape work	• Excavation; • Concreting; and • Landscape work

3.2 Implementation Status of Environmental Mitigation Measures

Regular site inspections and audits were carried out to monitor the implementation of proper environmental pollution control mitigation measures for the Project. **Table 3.2** shows the summary of site inspection and audit conducted during the reporting period.

Table 3.2: Summary of Site Inspection and Landscape Audit during the Reporting Period

Activities	Locations	Dates
Weekly environmental site inspections	Kai Tak Sports Park Project Site	3, 10, 17, 23, 31 Jul 2024 7, 14, 21, 27 Aug 2024 4, 11, 19, 24 Sep 2024
Bi-weekly landscape and visual site inspections	Kai Tak Sports Park Project Site	10, 23 Jul 2024 7, 21 Aug 2024 4, 19 Sep 2024

A summary of the environmental mitigation measures implementation status is presented in **Appendix I**. Most of the necessary mitigation measures were implemented properly. A summary of the environmental licenses and permits is presented in **Appendix H**.

3.3 Monitoring Results

The monitoring results for 1-hour TSP at AMS1-T, AMS1-T2, AMS2, and AMS4 are summarized in **Table 3.3**. Detailed impact air quality monitoring results are presented in **Appendix E**. The calibration certificate for the dust meter used during monitoring is shown in **Appendix K.**

Table 3.3: Summary of 1-hour TSP Monitoring Results during the Reporting Period

Monitoring Station	Average, µg/m³	Min, µg/m³	Max, µg/m³	Action Level, µg/m³	Limit Level, µg/m³
AMS1-T/ AMS1-T2	39	24	56	283	500
AMS2	34	21	57	280	500
AMS4	32	18	50	287	500

There was no Action and Limit Level exceedance of 1-hr TSP level recorded at station AMS1-T, AMS1-T2, AMS2 and AMS4 by the ET during the reporting period.

The monitoring results for construction noise are summarized in **Table 3.4**. Detailed impact noise monitoring results and relevant graphical plots are presented in **Appendix E**. The calibration certificate for the noise meter used during monitoring is shown in **Appendix K**.

Table 3.4: Summary of Construction Noise Monitoring Results during the Reporting Period

	Measured Noise Level $L_{eq\ (30\ mins)}$, dB(A)			
Monitoring Station	Average	Min	Max	Limit Level
NMS1-T/ NMS1-T2	74	70	79	75
NMS2	70	69	71	75
NMS4	69	63	77	75

No noise exceedances were recorded at stations NMS1-T and NMS2 by the ET during the reporting period.

Six Limit Level exceedances for noise levels were recorded at station NMS1-T2 and one Limit Level exceedance for noise level was recorded at station NMS4 during the reporting period. Exceedance investigations were conducted and the detail was shown in **Appendix L**.

3.4 Solid and Liquid Waste Management Status

The summary of waste flow table during the reporting period is detailed in **Appendix G**.

The comparison of estimated amount of waste generated for construction of the Project and actual amount generated during the reporting period is showed in **Table 3.5**.

Mitigation measures recommended in EIA Report were implemented by the Contractor as far as practicable and were considered effective in reducing the total quantity of waste generated during the reporting period.

Table 3.5: Comparison of Estimated Amount and Actual Amount of Waste Generated during the Reporting Period

Type of Waste	Estimated Amount for the Project in the EIA (m^3)	Actual Amount during Reporting Period (000kg)	Actual Amount during Reporting Period* (m^3)
Inert C&D materials (or public fills) to be disposed of	447,464	21,654	16,657
Non-inert C&D materials (or C&D waste) to be disposed of	68,110	4,136	5,170
Total C&D material of the Project	515,574	25,790	21,827

*Note:
Assumed Inert C&D waste density = 1,300 kg/m^3
Assumed Non-inert C&D waste density = 800 kg/m^3

3.5 Summary of Non-compliance Status

Exceedances

Air Quality

No Action and Limit Level exceedances of 1-hour TSP level was recorded at AMS1-T, AMS1-T2, AMS2 and AMS4 during the reporting period.

Noise

One noise related complaint was received during the reporting period. One Action Level exceedance for noise was triggered during the reporting period.

Six Limit Level exceedances of noise at NMS1-T2, and one Limit Level exceedance for noise level was recorded at NMS4 during the reporting month. Exceedance investigations were conducted and summarised in **Appendix L**.

Complaints

There were two complaints received in relation to the environmental impact during the reporting period. Summary of complaints during the reporting period are presented in **Table 3.6**.

Table 3.6: Summary of Complaints during the Reporting Period

Date of Notification from EPD	Date of Complaint	Description of Complaint	Recommendations / Actions	Close-Out Date / Status
22 Jul 2024	12 Jul 2024	- Complaint of light nuisance from the construction site Kai Tak Sports Park - Please be advised to implement practicable mitigation measures at your construction site to minimize the environmental nuisance arising from the construction work.	1. Subcontractors had been reminded to finish the light testing at night by 22:30 and completely switch off all external sports light by 23:00. 2. An updated memo to nearby residents will be issued to notify the light tests schedule in Kai Tak Sports Park Public Sports Ground. 3. Spot lights are adjusted to control lighting direction away from nearby residential. 4. "Guidelines on Industry Best Practices for External Lighting Installations" has been provided to subcontractor for reminder. 5. Implementation of potential glare and light control mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule and Landscape and Visual Mitigation Plan.	29 Jul 2024

Date of Notification from EPD	Date of Complaint	Description of Complaint	Recommendations / Actions	Close-Out Date / Status
2 Sep 2024	16 Aug 2024	- Complaint of noise nuisance from the construction site Kai Tak Sports Park at night. - Please be advised to implement practicable mitigation measures at your construction site to minimize the environmental nuisance arising from the construction work.	1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. 2. Subcontractors had been reminded to observe the Construction Noise Permit for working at night during regular subcontractor meetings. 3. A memo to all subcontractors has been issued in August 2024 with the latest Construction Noise Permit attached. 4. Night time inspections were conducted to ensure all Power Mechanical Equipment were switched off. 5.Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.	4 Oct 2024

Notification of Summons and Successful Prosecution

No notification of summons or prosecutions was received during the reporting period.

Statistics on notifications of summons and successful prosecutions are summarized in **Appendix J**.

4 Comments, Recommendations and Conclusion

4.1 Comments

Mitigation measures in the EM&A Manual were implemented during the reporting period. The weekly environmental site inspections ensured that all the environmental mitigation measures recommended were effectively implemented. Based on observation from the site inspections, landscape audits, and the air quality and noise impact monitoring results recorded, it was considered that mitigation measures were effective and efficient in controlling the potential impacts due to construction of the project during the reporting period.

4.2 Recommendations

During the reporting period, the following recommendations were provided:

July 2024

KTSP

- The contractor was reminded to provide temporary water pump to clear stagnant water.
- The contractor was reminded to provide drip tray for the chemical container.
- The contractor was reminded to display new NRMM label on the skid steer loader.
- The contractor was reminded to provide water spraying to haul road to maintain wet surface.
- The contractor was reminded to dispose of the general refuse properly.
- The contractor was reminded to clear the stagnant water.
- The contractor was reminded to clear the general refuse regularly.

H/O Development

- Nil

August 2024

KTSP

- The contractor was reminded to clear the general refuse regularly.
- The contractor was reminded to provide water spraying for haul road to maintain wet surface.
- The contractor was reminded to clear the general refuse and stagnant water to keep the site dry and tidy.
- The contractor was reminded to provide drip tray for chemical container.
- The contractor was reminded to display new NRMM label for the generator.
- The contractor was reminded to provide water spraying for breaking work.

H/O Development

- Nil

September 2024

KTSP

- The contractor was reminded to provide cover for the stockpile.
- The contractor was reminded to display NRMM label for the generator.
- The contractor was reminded to clear the general refuse regularly.
- The contractor was reminded to dispose of the general refuse properly.
- The contractor was reminded to provide regular water spraying for haul road.
- The contractor was reminded to provide drip tray for the chemical container.
- The contractor was reminded to display new NRMM label for the excavator.
- The contractor was reminded to display new NRMM label for the forklift.
- The contractor was reminded to provide temporary water pump to clear the stagnant water.

H/O Development

- The contractor was reminded to clear the general refuse regularly.
- The contractor was reminded to display new NRMM label for the skid steer loader.

Review of the effectiveness and efficiency of the EM&A programme will be continued, and recommendations will be provided to remediate any potential impacts due to the project and to improve the EM&A programme if deficiencies of the existing EM&A programme are identified.

4.3 Conclusions

General

The construction works for the Project commenced on 8 April 2019.This is the 22nd Quarterly EM&A Report for the Project summarises findings of the EM&A works during the reporting period from 1 July 2024 to 30 September 2024. (the “reporting period”).

Breaches of Action and Limit Levels

Air Quality

No Action and Limit Level exceedances of 1-hour TSP level was recorded at AMS1-T, AMS1-T2, AMS2 and AMS4 during the reporting period.

Noise

One noise related complaint was received during the reporting period. One Action Level exceedance for noise was triggered during the reporting period.

No Limit Level exceedances of noise at NMS1-T and NMS2 was recorded during the reporting period.

Six Limit Levels exceedance for noise levels were recorded at NMS1-T2 and one Limit Level exceedance for noise level was recorded at NMS4 during the reporting month. Exceedance investigations were conducted and summarised in **Appendix L**.

Environmental Site Inspections

Environmental site inspections were carried out fourteen times during the reporting period. Recommendations on remedial actions were given to the Contracted Party for the deficiencies identified during the site inspections.

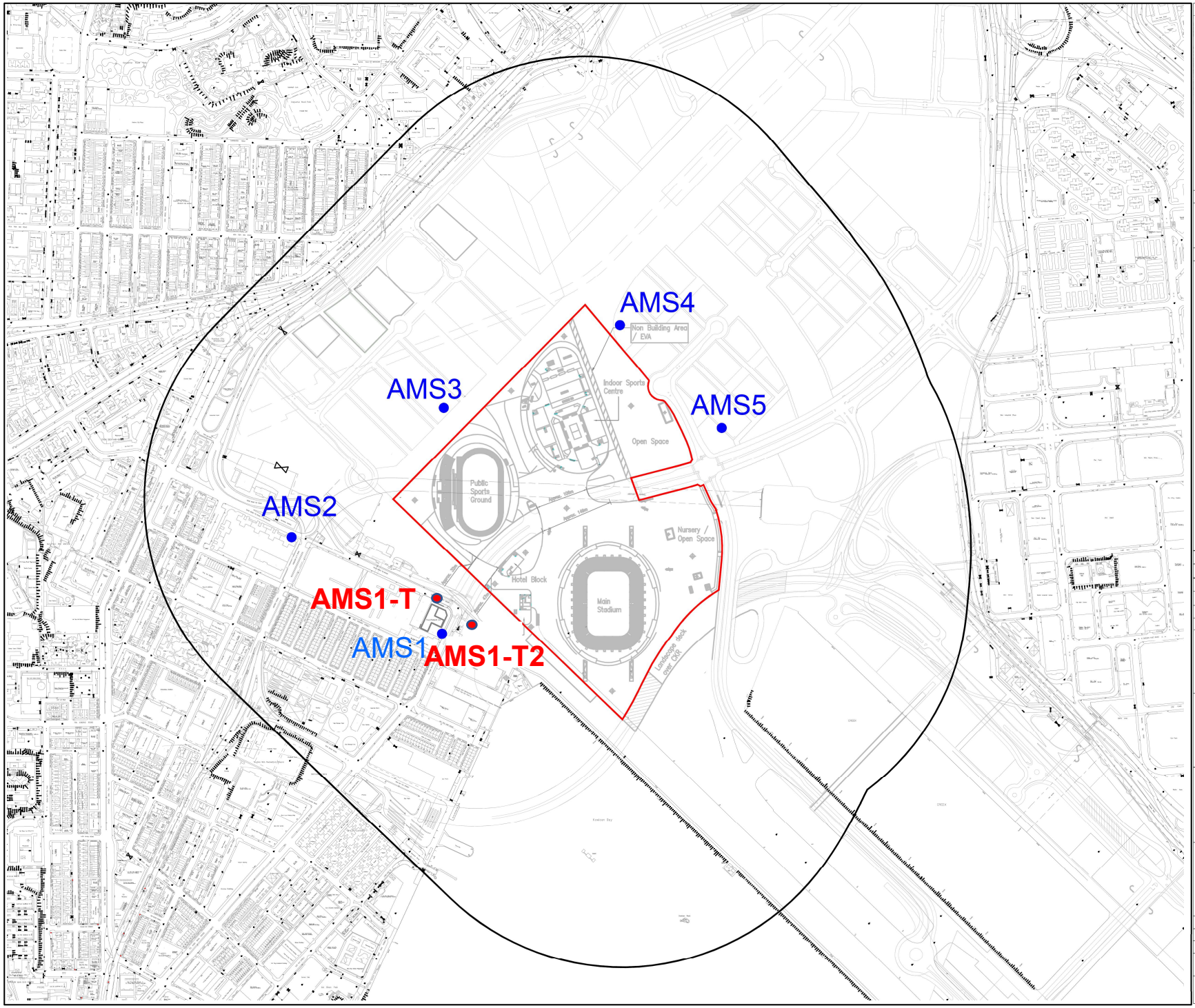
Complaints

There were two complaints received in relation to the environmental impact during the reporting period. Complaint investigations were conducted and mitigation measures were implemented. Complaint investigations were conducted and summarised in **Appendix M**.

Notifications of Summons and Successful Prosecutions

There were no notifications of summons or prosecutions received during the reporting period.

Figures



Key Plan:

Notes:

1. ALL LEVELS ARE METRES TO PRINCIPAL DATUM (PD) UNLESS NOTED OTHERWISE.
2. ALL CO-ORDINATES REFER TO HONG KONG (1980) METRIC GRID CO-ORDINATES SYSTEM.
3. PIPE AND BOX CULVERT SIZES ARE SHOWN IN MILLIMETERS

Key to symbols:

LEGEND:

- Project Site
- 500m from Site Boundary
- AMS1 Air Monitoring Station 1
- AMS1-T **Temporary Air Monitoring Station**

Rev	Date	Drawn	Description	Ch'k'd	App'd

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Hong Kong
T +852 2828 5757
F +852 2827 1823
W mottmac.com

Client

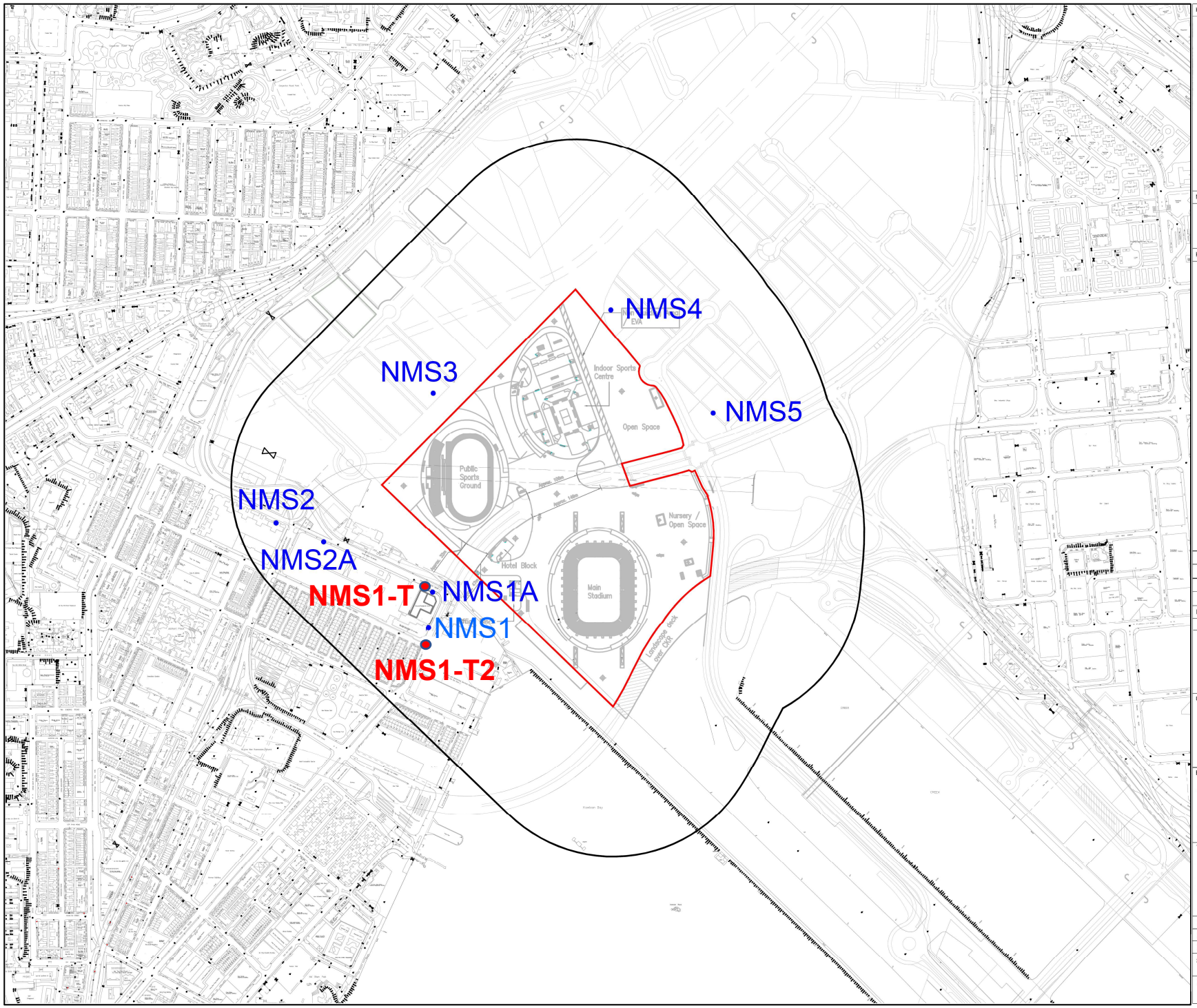
Project

Title

Figure 2.1
Location of Air Quality Monitoring Stations

Designed			Eng check		
Drawn			Coordination		
Dwg check			Approved		
Scale at A3		Status		Rev	

Drawing Number



Key Plan:

Notes:

1. ALL LEVELS ARE METRES TO PRINCIPAL DATUM (PD) UNLESS NOTED OTHERWISE.
2. ALL CO-ORDINATES REFER TO HONG KONG (1980) METRIC GRID CO-ORDINATES SYSTEM.
3. PIPE AND BOX CULVERT SIZES ARE SHOWN IN MILLIMETERS

Key to symbols:

LEGEND:

- Project Site
- 300m from Site Boundary
- NMS1 — Construction Noise Monitoring Station 1
- NMS1-T — **Temporary Noise Monitoring Station**

Rev	Date	Drawn	Description	Ch'k'd	App'd

MOTT MACDONALD

3/F Mapletree Bay Point
348 Kwun Tong Road
Kwun Tong, Kowloon
Hong Kong
T +852 2828 5757
F +852 2827 1823
W mottmac.com

Client:

Project:

Title:

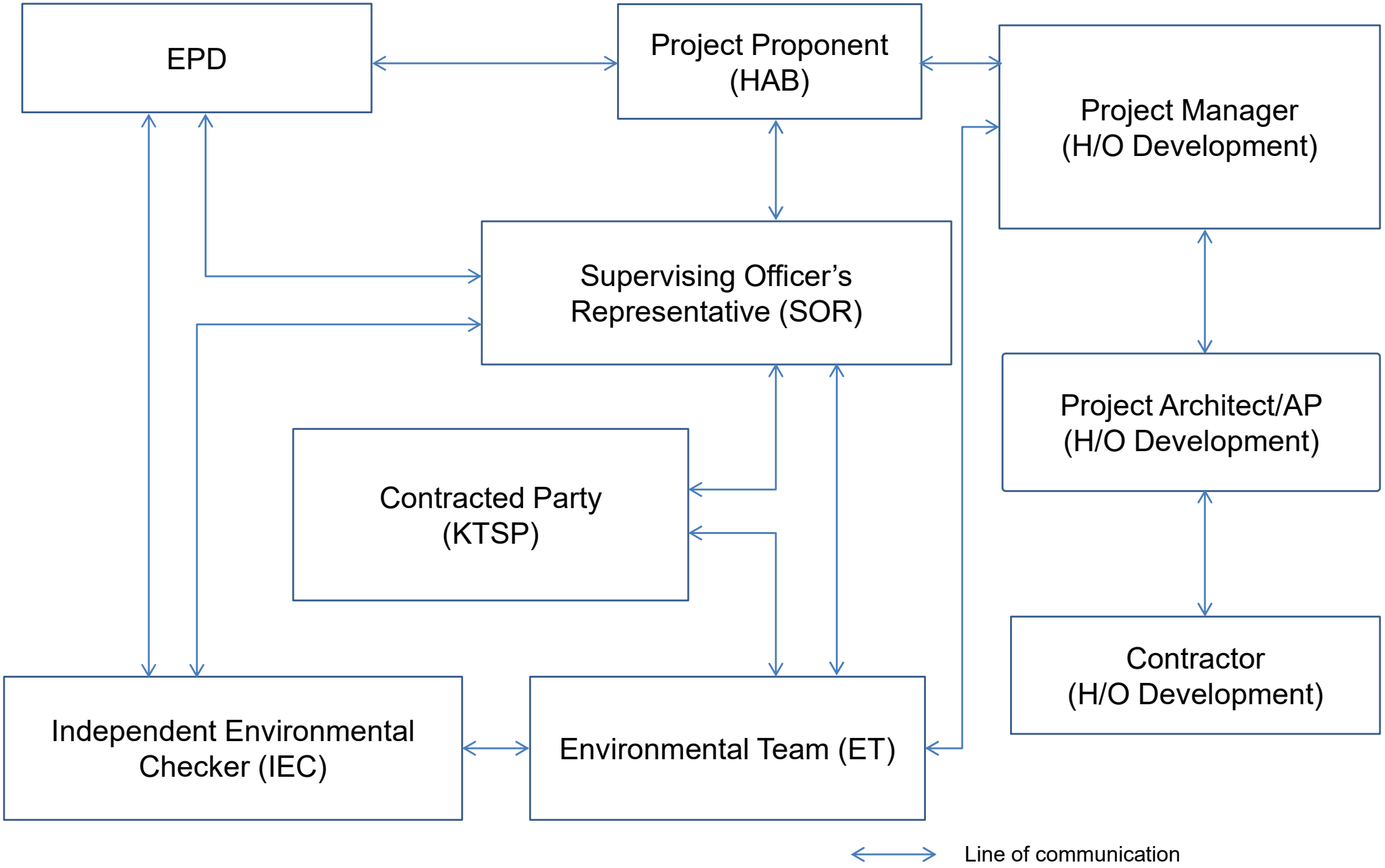
Figure 2.2
Location of Noise Monitoring Stations

Designed			Eng check		
Drawn			Coordination		
Dwg check			Approved		
Scale at A3		Status		Rev	

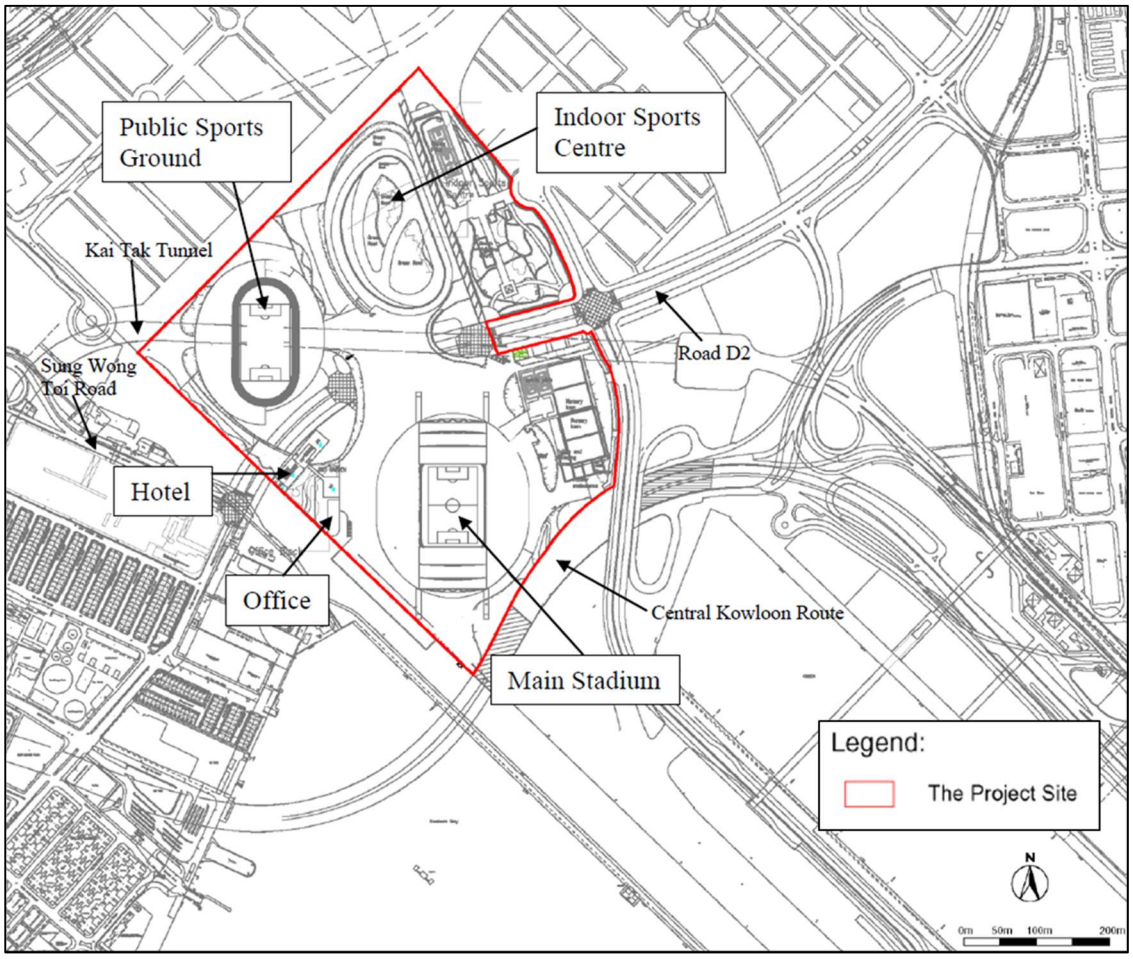
Drawing Number

Appendix A. Project Organization for Environmental Works

Project Organisation for Environmental Works



Appendix B. Location of Works Areas



Appendix C. Construction Programme

Construction Programme (Jul 2024 to Oct 2024)

Kai Tak Sports Park

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Plants Mobilization												
Loading/ Unloading of Materials												
Excavation												
C&D Waste Disposal												
Concreting												
Lifting												
C&D Materials Internal Transportation												
Landscape Work												
Impact Water Sampling (PSG)												

Hotel and Office Development

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Loading/Unloading of Materials												
Concreting												
Landscape Work												
C&D Waste Disposal												

Remark:
According to the Project Architect and Contractor of the Hotel and Office Development, the construction works at Hotel and Office Development area have been substantially completed and the Hotel area has been handed over to the developer on 25 September 2024.Termination of EM&A site inspection at Hotel and Office Development area was proposed by ET and IEC during the reporting period and pending approval from EPD.

Appendix D. Event and Action Plan

Should non-compliance of the air quality criteria occur, actions in accordance with the Event and Action Plan in **Table D.1** and **Table D.2** shall be carried out.

Table D.1: Event and Action Plan for Construction Air Quality (Action Level)

Event	Action			
	ET	IEC	SOR	Contracted Party
Action Level				
Exceedance for one sample	1. Inform IEC, SOR and Contracted Party; 2. Identify source, investigate the causes of exceedance and propose remedial measures; 3. Repeat measurement to confirm finding.	1. Check monitoring data submitted by ET; 2. Check Contracted Party's working method.	1. Notify Contracted Party.	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
Exceedance for two or more consecutive samples	1. Inform IEC, SOR and Contracted Party; 2. Identify source; 3. Advise the SOR on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC, SOR and Contracted Party on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and SOR; 8. If exceedance stops, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contracted Party's working method; 3. Discuss with ET and Contracted Party on possible remedial measures; 4. Advise the ET/SOR on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contracted Party; 3. Ensure remedial measures properly implemented.	1. Submit proposals for remedial to SOR and IEC within 3 working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.

Table D.2: Event and Action Plan for Construction Air Quality (Limit Level)

Event	Action			
	ET	IEC	SOR	Contracted Party
Limit Level				
Exceedance for one sample	1. Inform IEC, SOR, Contracted Party and EPD; 2. Identify source, investigate the causes of exceedance and propose remedial measures; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contracted Party's remedial actions and keep IEC, EPD and SOR informed of the results.	1. Check monitoring data submitted by ET; 2. Check Contracted Party's working method; 3. Discuss with ET and Contracted Party on possible remedial measures; 4. Advise the SOR on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contracted Party; 3. Ensure remedial measures properly implemented.	1. Take immediate action to avoid further exceedance; 2. Discuss with ET and IEC on remedial actions; 3. Submit proposals for remedial actions to IEC within 3 working days of notification; 4. Implement the agreed proposals; 5. Amend proposal if appropriate.
Exceedance for two or more consecutive samples	1. Notify IEC, SOR, Contracted Party and EPD; 2. Identify source; 3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contracted Party's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and SOR and Contracted Party to discuss the remedial actions to be taken; 7. Assess effectiveness of Contracted Party's remedial actions and keep IEC, EPD and SOR informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contracted Party's working method; 3. Discuss amongst SOR, ET, and Contracted Party on the potential remedial actions; 4. Review Contracted Party's remedial actions whenever necessary to assure their effectiveness and advise the SOR accordingly; 5. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contracted Party; 3. In consultation with the IEC, agree with the Contracted Party on the remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contracted Party to terminate that portion of work until the exceedance ceases.	1. Take immediate action to avoid further exceedance; 2. Discuss with ET and IEC on remedial actions; 3. Submit proposals for remedial actions to SOR and IEC within 3 working days of notification; 4. Implement the agreed proposals; 5. Resubmit proposals if problem still not under control; 6. Stop the relevant portion of works as determined by the SOR until the exceedance ceases.

Should non-compliance of the noise criteria occur, actions in accordance with the Event and Action Plan in **Table D.3** shall be carried out.

Table D.3: Event and Action Plan for Construction Noise

Event	Action			
	ET	IEC	SOR	Contracted Party
Action Level	1. Notify IEC, SOR and Contracted Party of exceedance; 2. Identify source; 3. Investigate the causes of exceedance and propose remedial measures; 4. Report the results of investigation to the IEC, SOR and Contracted Party; 5. Discuss with the IEC, SOR and Contracted Party and formulate remedial measures; 6. Increase monitoring frequency to check mitigation effectiveness.	1. Review the analysed results submitted by the ET; 2. Review the proposed remedial measures by the Contracted Party and advise the SOR accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contracted Party; 3. Require Contracted Party to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented	1. Submit noise mitigation proposals to SOR with copy to ET and IEC; 2. Implement noise mitigation proposals.
Limit Level	1. Inform IEC, SOR, EPD and Contracted Party; 2. Identify source; 3. Repeat measurements to confirm findings; 4. Increase monitoring frequency; 5. Carry out analysis of Contracted Party's working procedures to determine possible mitigation to be implemented; 6. Inform IEC, SOR and EPD the causes and actions taken for the exceedances; 7. Assess effectiveness of Contracted Party's remedial actions and keep IEC, EPD and SOR informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst SOR, ET, and Contracted Party on the potential remedial actions; 2. Review Contracted Party's remedial actions whenever necessary to assure their effectiveness and advise the SOR accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contracted Party; 3. Require Contracted Party to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented; 5. If exceedance continues, investigate what portion of the work is responsible and instruct the Contracted Party to terminate that portion of work until the exceedance ceases.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to SOR with copy to ET and IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Terminate the relevant portion of works as determined by the SOR until the exceedance ceases.

Appendix E. Monitoring Data and Graphical Plots (Air Quality and Noise)

Data for 1-hour TSP Monitoring at Station AMS1-T/AMS1-T2

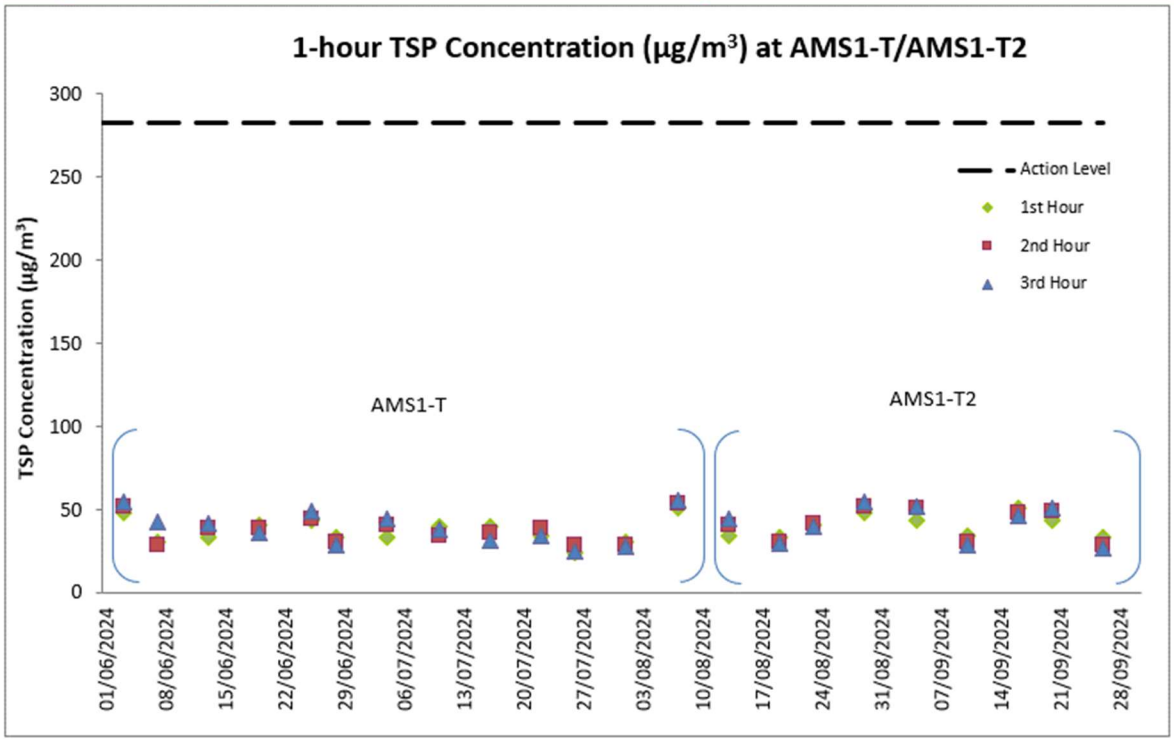
	Date	Start Time	Finish Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hour TSP ($\mu g/m^3$)
*	04-Jul-24	9:33	10:33	Fine	0.3	variable	34
*	04-Jul-24	10:33	11:33	Fine	1.9	133	41
*	04-Jul-24	11:33	12:33	Fine	2.2	154	45
*	10-Jul-24	9:31	10:31	Fine	0.8	287	40
*	10-Jul-24	10:31	11:31	Fine	1.7	255	35
*	10-Jul-24	11:31	12:31	Fine	1.4	266	38
*	16-Jul-24	9:46	10:46	Cloudy	3.1	107	40
*	16-Jul-24	10:46	11:46	Cloudy	1.4	173	36
*	16-Jul-24	11:46	12:46	Cloudy	0.8	143	32
*	22-Jul-24	9:34	10:34	Cloudy	4.2	135	35
*	22-Jul-24	10:34	11:34	Cloudy	4.4	131	39
*	22-Jul-24	11:34	12:34	Cloudy	3.9	135	35
*	26-Jul-24	8:50	9:50	Cloudy	2.8	274	24
*	26-Jul-24	9:50	10:50	Cloudy	1.7	271	29
*	26-Jul-24	10:50	11:50	Cloudy	3.3	262	25
*	01-Aug-24	9:30	10:30	Cloudy	2.5	191	31
*	01-Aug-24	10:30	11:30	Cloudy	1.9	226	29
*	01-Aug-24	11:30	12:30	Cloudy	2.5	206	28
*	07-Aug-24	9:31	10:31	Cloudy	1.1	249	51
*	07-Aug-24	10:31	11:31	Cloudy	1.4	240	54
*	07-Aug-24	11:31	12:31	Cloudy	1.7	239	56
#	13-Aug-24	9:17	10:17	Fine	1.4	283	35
#	13-Aug-24	10:17	11:17	Fine	3.3	280	41
#	13-Aug-24	11:17	12:17	Fine	1.7	245	45
#	19-Aug-24	9:30	10:30	Cloudy	5.3	276	34
#	19-Aug-24	10:30	11:30	Cloudy	0.8	307	31
#	19-Aug-24	11:30	12:30	Cloudy	1.7	277	30
#	23-Aug-24	8:52	9:52	Fine	1.4	291	41
#	23-Aug-24	9:52	10:52	Fine	2.2	283	42
#	23-Aug-24	10:52	11:52	Fine	1.7	266	40
#	29-Aug-24	9:53	10:53	Fine	2.8	125	48
#	29-Aug-24	10:53	11:53	Fine	3.3	112	52
#	29-Aug-24	11:53	12:53	Fine	3.9	108	55
#	04-Sep-24	8:47	9:47	Fine	1.1	variable	44
#	04-Sep-24	9:47	10:47	Fine	0.8	253	51
#	04-Sep-24	10:47	11:47	Fine	1.4	282	52
#	10-Sep-24	8:35	9:35	Sunny	1.7	135	35
#	10-Sep-24	9:35	10:35	Sunny	3.1	129	31
#	10-Sep-24	10:35	11:35	Sunny	3.3	110	29
#	16-Sep-24	8:35	9:35	Fine	2.5	115	51
#	16-Sep-24	9:35	10:35	Fine	2.5	25	48
#	16-Sep-24	10:35	11:35	Fine	3.3	128	47
#	20-Sep-24	8:52	9:52	Fine	3.1	115	44
#	20-Sep-24	9:52	10:52	Fine	2.5	110	49
#	20-Sep-24	10:52	11:52	Fine	3.3	161	51
#	26-Sep-24	9:52	10:52	Fine	1.4	273	34
#	26-Sep-24	10:52	11:52	Fine	1.4	255	29
#	26-Sep-24	11:52	12:52	Fine	3.3	275	27

Note:

* Impact Monitoring at Station AMS1-T; # Impact Monitoring at Station AMS1-T2.

During the reporting period, temporary monitoring station AMS1-T, was no longer accessible from 13 August 2024, due to the relocation of the Agriculture, Fisheries and Conservation Department Kowloon Animal Management Centre. Alternative temporary air quality monitoring station, AMS1-T2 was proposed by ET and agreed by IEC on 9 August 2024 and further approved by EPD on 28 August 2024 for conducting impact monitoring during the reporting period.

Graphical Presentation for 1-hour TSP Monitoring at AMS1-T/AMS1-T2



Kai Tak Sports Park

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Plants Mobilization												
Loading/ Unloading of Materials												
Excavation												
C&D Waste Disposal												
Concreting												
Lifting												
C&D Materials Internal Transportation												
Landscape Work												
Impact Water Sampling (PSG)												

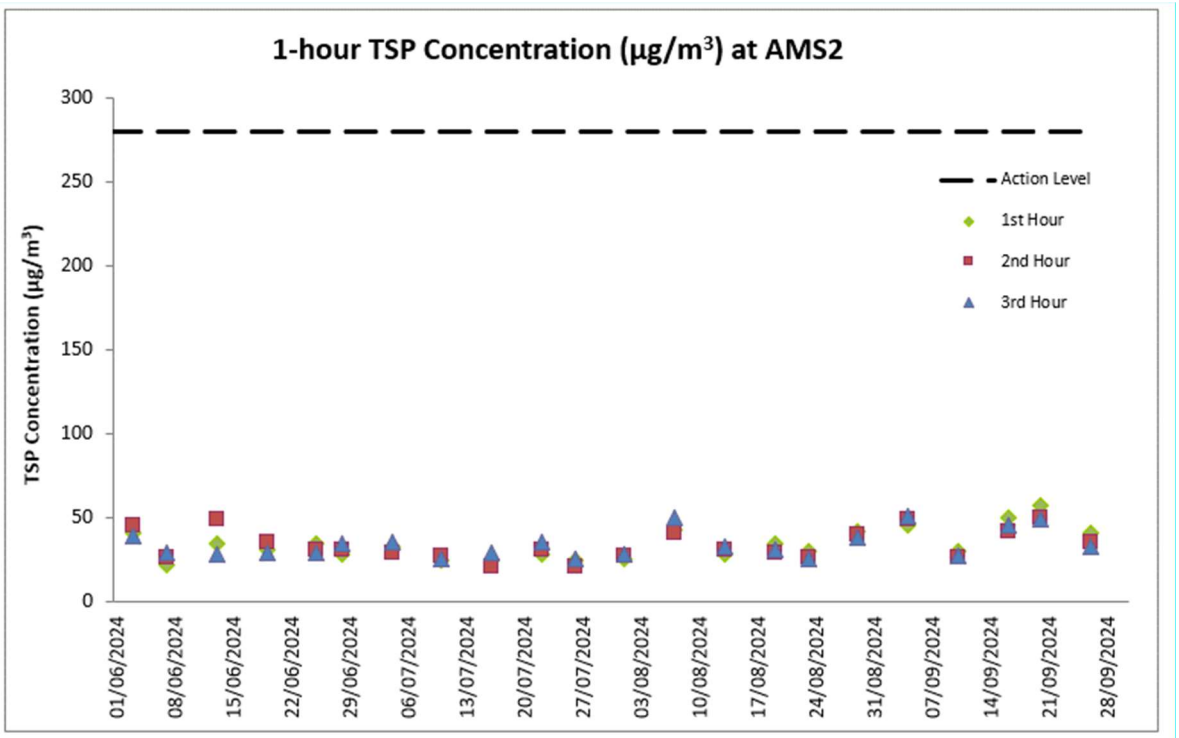
Hotel and Office Development

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Loading/Unloading of Materials												
Concreting												
Landscape Work												
C&D Waste Disposal												

Data for 1-hour TSP Monitoring at Station AMS2

Date	Start Time	Finish Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hour TSP ($\mu g/m^3$)
04-Jul-24	8:49	9:49	Fine	0.3	259	33
04-Jul-24	9:49	10:49	Fine	0.3	variable	29
04-Jul-24	10:49	11:49	Fine	2.5	142	35
10-Jul-24	8:49	9:49	Fine	0.3	99	24
10-Jul-24	9:49	10:49	Fine	0.3	238	27
10-Jul-24	10:49	11:49	Fine	1.7	241	25
16-Jul-24	8:56	9:56	Cloudy	3.3	85	24
16-Jul-24	9:56	10:56	Cloudy	3.3	110	21
16-Jul-24	10:56	11:56	Cloudy	7.8	154	29
22-Jul-24	8:50	9:50	Cloudy	4.2	135	28
22-Jul-24	9:50	10:50	Cloudy	4.2	138	31
22-Jul-24	10:50	11:50	Cloudy	3.9	131	35
26-Jul-24	8:40	9:40	Cloudy	4.7	278	24
26-Jul-24	9:40	10:40	Cloudy	1.7	275	21
26-Jul-24	10:40	11:40	Cloudy	3.1	266	25
01-Aug-24	8:47	9:47	Cloudy	0.8	218	25
01-Aug-24	9:47	10:47	Cloudy	1.7	215	27
01-Aug-24	10:47	11:47	Cloudy	1.7	217	28
07-Aug-24	8:47	9:47	Cloudy	0.3	253	43
07-Aug-24	9:47	10:47	Cloudy	1.1	255	41
07-Aug-24	10:47	11:47	Cloudy	1.4	240	50
13-Aug-24	8:32	9:32	Fine	0.8	234	28
13-Aug-24	9:32	10:32	Fine	1.4	254	31
13-Aug-24	10:32	11:32	Fine	2.5	247	33
19-Aug-24	8:45	9:45	Cloudy	5.8	278	34
19-Aug-24	9:45	10:45	Cloudy	2.5	296	29
19-Aug-24	10:45	11:45	Cloudy	0.0	variable	31
23-Aug-24	8:40	9:40	Fine	1.1	303	30
23-Aug-24	9:40	10:40	Fine	2.2	285	26
23-Aug-24	10:40	11:40	Fine	2.2	285	25
29-Aug-24	9:08	10:08	Fine	4.2	128	42
29-Aug-24	10:08	11:08	Fine	4.2	154	40
29-Aug-24	11:08	12:08	Fine	3.9	114	38
04-Sep-24	9:32	10:32	Fine	1.4	235	45
04-Sep-24	10:32	11:32	Fine	1.4	259	49
04-Sep-24	11:32	12:32	Fine	2.2	248	51
10-Sep-24	9:21	10:21	Sunny	3.3	116	30
10-Sep-24	10:21	11:21	Sunny	3.3	124	26
10-Sep-24	11:21	12:21	Sunny	4.2	120	27
16-Sep-24	9:20	10:20	Fine	2.8	110	50
16-Sep-24	10:20	11:20	Fine	1.1	variable	42
16-Sep-24	11:20	12:20	Fine	3.3	variable	45
20-Sep-24	8:40	9:40	Fine	2.8	117	57
20-Sep-24	9:40	10:40	Fine	2.8	29	50
20-Sep-24	10:40	11:40	Fine	2.5	149	49
26-Sep-24	9:08	10:08	Fine	2.2	311	41
26-Sep-24	10:08	11:08	Fine	1.4	253	35
26-Sep-24	11:08	12:08	Fine	2.2	276	33

Graphical Presentation for 1-hour TSP Monitoring at AMS2



Kai Tak Sports Park

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Plants Mobilization												
Loading/ Unloading of Materials												
Excavation												
C&D Waste Disposal												
Concreting												
Lifting												
C&D Materials Internal Transportation												
Landscape Work												
Impact Water Sampling (PSG)												

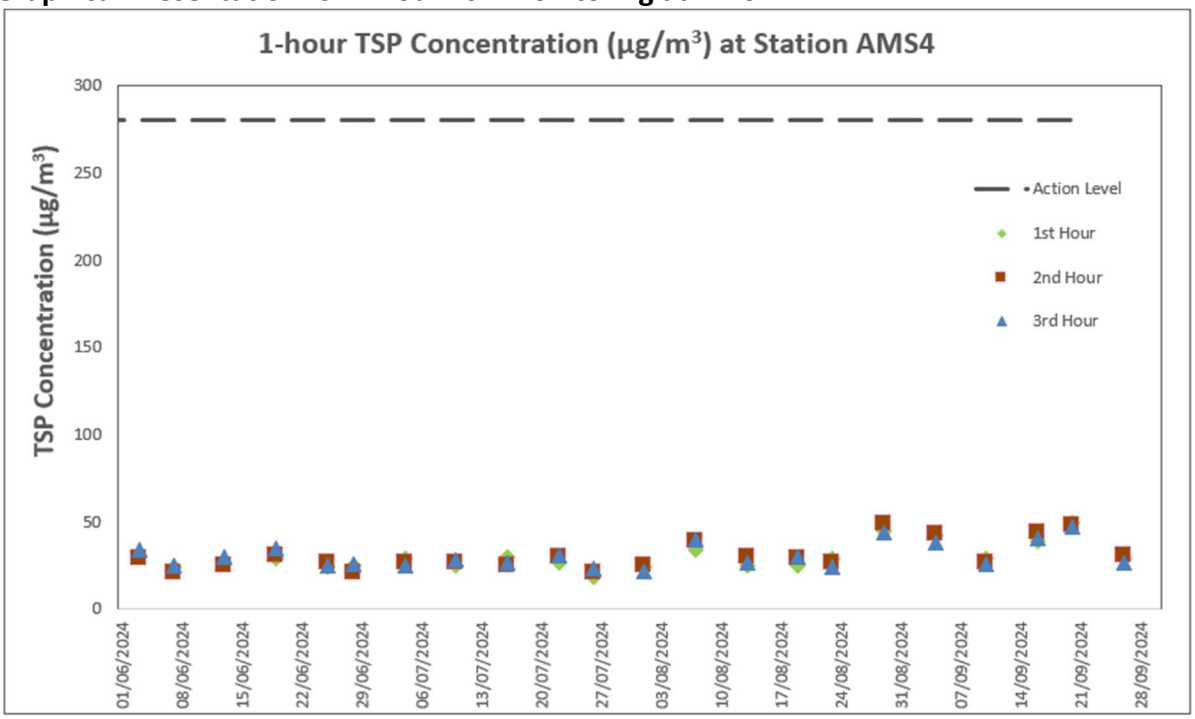
Hotel and Office Development

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Loading/Unloading of Materials												
Concreting												
Landscape Work												
C&D Waste Disposal												

Data for 1-hour TSP Monitoring at Station AMS4

Date	Start Time	Finish Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hour TSP ($\mu g/m^3$)
04-Jul-24	10:25	11:25	Fine	1.7	132	29
04-Jul-24	11:25	12:25	Fine	2.2	152	27
04-Jul-24	12:25	13:25	Fine	3.3	154	25
10-Jul-24	10:25	11:25	Fine	1.1	247	25
10-Jul-24	11:25	12:25	Fine	1.7	269	27
10-Jul-24	12:25	13:25	Fine	1.7	189	28
16-Jul-24	10:37	11:37	Cloudy	2.5	114	30
16-Jul-24	11:37	12:37	Cloudy	0.3	313	25
16-Jul-24	12:37	13:37	Cloudy	1.4	5	27
22-Jul-24	10:28	11:28	Cloudy	3.9	133	27
22-Jul-24	11:28	12:28	Cloudy	4.4	131	30
22-Jul-24	12:28	13:28	Cloudy	3.3	148	31
26-Jul-24	9:22	10:22	Cloudy	3.3	275	18
26-Jul-24	10:22	11:22	Cloudy	2.8	265	21
26-Jul-24	11:22	12:22	Cloudy	3.1	265	23
01-Aug-24	10:25	11:25	Cloudy	1.4	211	24
01-Aug-24	11:25	12:25	Cloudy	2.8	209	25
01-Aug-24	12:25	13:25	Cloudy	2.8	218	22
07-Aug-24	10:25	11:25	Cloudy	1.1	244	34
07-Aug-24	11:25	12:25	Cloudy	1.7	236	39
07-Aug-24	12:25	13:25	Cloudy	2.2	246	40
13-Aug-24	10:17	11:17	Fine	3.3	280	25
13-Aug-24	11:17	12:17	Fine	1.7	245	30
13-Aug-24	12:17	13:17	Fine	3.1	273	27
19-Aug-24	10:25	11:25	Cloudy	1.1	317	25
19-Aug-24	11:25	12:25	Cloudy	1.7	285	29
19-Aug-24	12:25	13:25	Cloudy	1.4	228	30
23-Aug-24	9:14	10:14	Fine	1.7	289	29
23-Aug-24	10:14	11:14	Fine	3.3	288	27
23-Aug-24	11:14	12:14	Fine	1.7	278	24
29-Aug-24	10:52	11:52	Fine	3.3	117	45
29-Aug-24	11:52	12:52	Fine	3.9	108	49
29-Aug-24	12:52	13:52	Fine	4.4	123	44
04-Sep-24	10:37	11:37	Fine	1.7	279	42
04-Sep-24	11:37	12:37	Fine	2.5	253	43
04-Sep-24	12:37	13:37	Fine	1.7	244	38
10-Sep-24	10:25	11:25	Sunny	3.3	118	29
10-Sep-24	11:25	12:25	Sunny	4.2	117	27
10-Sep-24	12:25	13:25	Sunny	2.8	109	26
16-Sep-24	10:25	11:25	Fine	1.4	119	39
16-Sep-24	11:25	12:25	Fine	3.1	65	44
16-Sep-24	12:25	13:25	Fine	2.5	141	41
20-Sep-24	9:13	10:13	Fine	3.3	133	50
20-Sep-24	10:13	11:13	Fine	3.3	127	48
20-Sep-24	11:13	12:13	Fine	3.9	122	47
26-Sep-24	10:50	11:50	Fine	1.4	261	29
26-Sep-24	11:50	12:50	Fine	3.3	273	31
26-Sep-24	12:50	13:50	Fine	3.6	281	27

Graphical Presentation for 1-hour TSP Monitoring at AMS4



Kai Tak Sports Park

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Plants Mobilization												
Loading/ Unloading of Materials												
Excavation												
C&D Waste Disposal												
Concreting												
Lifting												
C&D Materials Internal Transportation												
Landscape Work												
Impact Water Sampling (PSG)												

Hotel and Office Development

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Loading/Unloading of Materials												
Concreting												
Landscape Work												
C&D Waste Disposal												

Data for Noise Monitoring at Station NMS1-T/NMS1-T2

	Date	Time	Weather	$L_{eq(5min)}$	L_{10}	L_{90}	Measured $L_{eq(30min)}$
*	04-Jul-24	09:36	Fine	71.2	73.1	63.3	
*	04-Jul-24	09:41	Fine	72.4	74.5	64.6	
*	04-Jul-24	09:46	Fine	71.6	73.0	63.1	71.7
*	04-Jul-24	09:51	Fine	70.7	73.8	63.9	
*	04-Jul-24	09:56	Fine	71.9	73.7	64.0	
*	04-Jul-24	10:01	Fine	72.0	74.2	65.6	
*	10-Jul-24	09:34	Fine	70.9	73.0	65.8	
*	10-Jul-24	09:39	Fine	69.1	72.9	64.2	
*	10-Jul-24	09:44	Fine	68.7	71.6	63.7	69.5
*	10-Jul-24	09:49	Fine	69.0	72.8	64.5	
*	10-Jul-24	09:54	Fine	68.7	71.4	63.1	
*	10-Jul-24	09:59	Fine	70.3	73.6	64.0	
*	16-Jul-24	09:45	Cloudy	72.0	74.0	68.1	
*	16-Jul-24	09:50	Cloudy	71.5	73.6	67.7	
*	16-Jul-24	09:55	Cloudy	70.6	73.3	67.5	71.5
*	16-Jul-24	10:00	Cloudy	69.4	71.5	66.4	
*	16-Jul-24	10:05	Cloudy	71.5	73.5	67.0	
*	16-Jul-24	10:10	Cloudy	73.0	74.5	67.6	
*	22-Jul-24	09:37	Cloudy	69.9	73.0	64.9	
*	22-Jul-24	09:42	Cloudy	70.1	73.2	65.3	
*	22-Jul-24	09:47	Cloudy	71.7	74.8	66.6	70.5
*	22-Jul-24	09:52	Cloudy	71.0	74.5	66.4	
*	22-Jul-24	09:57	Cloudy	69.4	73.1	64.0	
*	22-Jul-24	10:02	Cloudy	70.6	73.7	65.1	
*	01-Aug-24	09:33	Cloudy	71.6	74.0	62.2	
*	01-Aug-24	09:38	Cloudy	72.1	75.7	63.8	
*	01-Aug-24	09:43	Cloudy	72.3	75.4	63.5	71.7
*	01-Aug-24	09:48	Cloudy	71.9	74.9	62.1	
*	01-Aug-24	09:53	Cloudy	70.8	74.5	61.0	
*	01-Aug-24	09:58	Cloudy	71.0	75.6	62.7	
*	07-Aug-24	09:34	Cloudy	70.1	73.7	64.2	
*	07-Aug-24	09:39	Cloudy	71.6	74.0	65.8	
*	07-Aug-24	09:44	Cloudy	69.3	72.9	64.5	70.2
*	07-Aug-24	09:49	Cloudy	70.0	72.4	64.9	
*	07-Aug-24	09:54	Cloudy	69.7	73.4	65.7	
*	07-Aug-24	09:59	Cloudy	70.2	72.6	64.0	
#	13-Aug-24	09:20	Fine	74.9	78.5	65.5	
#	13-Aug-24	09:25	Fine	75.1	79.2	67.5	
#	13-Aug-24	09:30	Fine	76.2	80.5	66.0	75.2
#	13-Aug-24	09:35	Fine	74.8	79.5	66.2	
#	13-Aug-24	09:40	Fine	75.0	78.5	67.4	
#	13-Aug-24	09:45	Fine	75.0	78.2	66.3	
#	19-Aug-24	09:33	Cloudy	75.9	78.0	72.2	
#	19-Aug-24	09:38	Cloudy	74.1	77.9	71.5	
#	19-Aug-24	09:43	Cloudy	76.3	79.4	73.8	75.5
#	19-Aug-24	09:48	Cloudy	75.6	78.7	72.7	
#	19-Aug-24	09:53	Cloudy	74.7	77.5	72.0	
#	19-Aug-24	09:58	Cloudy	76.0	79.2	73.6	
#	29-Aug-24	09:57	Fine	79.8	83.4	69.4	
#	29-Aug-24	10:02	Fine	78.4	81.5	71.3	
#	29-Aug-24	10:07	Fine	78.5	82.1	69.0	78.5
#	29-Aug-24	10:12	Fine	77.9	81.0	71.1	
#	29-Aug-24	10:17	Fine	77.5	80.8	70.3	
#	29-Aug-24	10:22	Fine	78.5	81.1	71.5	

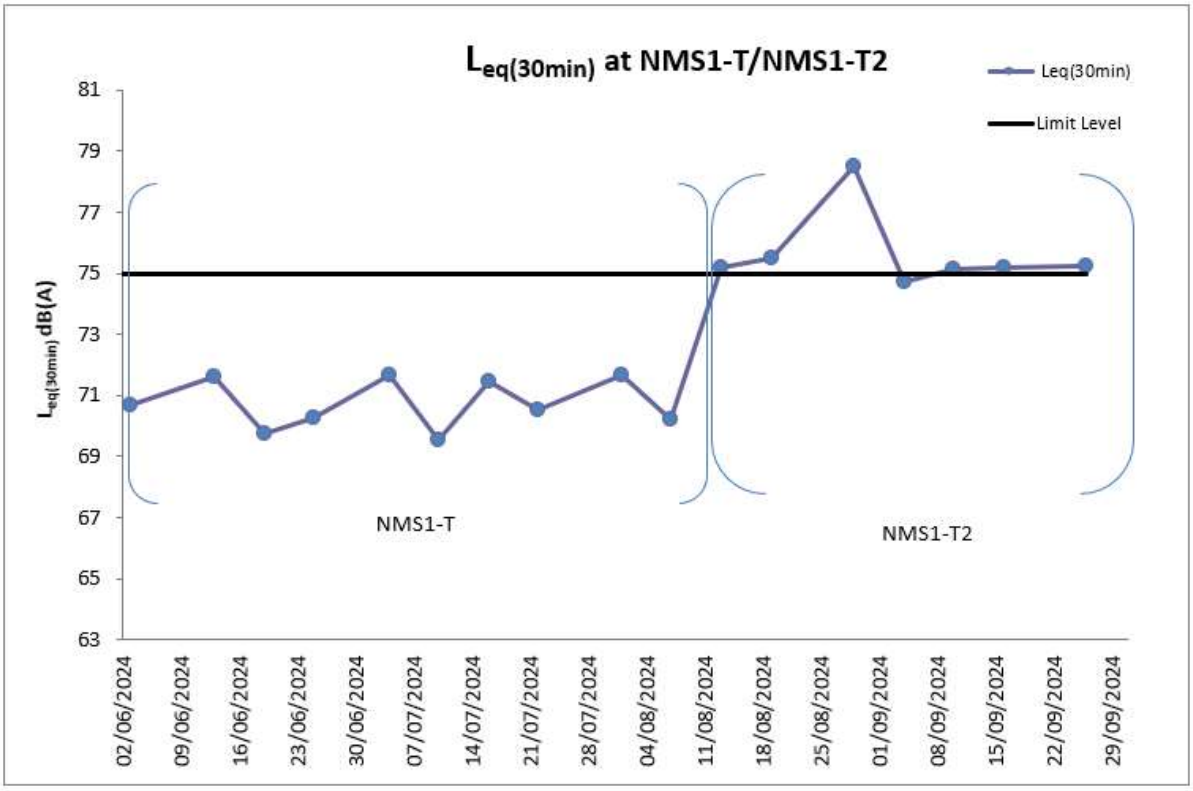
	Date	Time	Weather	$L_{eq(5min)}$	L_{10}	L_{90}	Measured $L_{eq(30min)}$
#	04-Sep-24	08:50	Fine	74.8	77.4	69.7	74.7
#	04-Sep-24	08:55	Fine	75.5	78.6	70.3	
#	04-Sep-24	09:00	Fine	74.9	77.2	69.0	
#	04-Sep-24	09:05	Fine	73.1	76.9	68.9	
#	04-Sep-24	09:10	Fine	74.6	77.0	69.6	
#	04-Sep-24	09:15	Fine	75.0	78.4	70.2	
#	10-Sep-24	08:38	Sunny	74.3	77.4	69.2	75.1
#	10-Sep-24	08:43	Sunny	75.7	78.6	70.5	
#	10-Sep-24	08:48	Sunny	75.1	78.7	70.0	
#	10-Sep-24	08:53	Sunny	74.9	77.0	69.6	
#	10-Sep-24	08:58	Sunny	75.6	78.8	70.9	
#	10-Sep-24	09:03	Sunny	75.0	78.1	70.5	
#	16-Sep-24	08:38	Fine	74.0	77.1	68.4	75.2
#	16-Sep-24	08:43	Fine	74.2	77.4	68.3	
#	16-Sep-24	08:48	Fine	75.1	78.5	69.6	
#	16-Sep-24	08:53	Fine	74.4	77.0	68.9	
#	16-Sep-24	08:58	Fine	76.7	79.8	70.2	
#	16-Sep-24	09:03	Fine	75.9	78.7	69.0	
#	26-Sep-24	09:55	Fine	75.4	79.3	67.2	75.2
#	26-Sep-24	10:00	Fine	75.9	79.5	67.8	
#	26-Sep-24	10:05	Fine	75.0	78.6	66.0	
#	26-Sep-24	10:10	Fine	75.3	78.9	67.4	
#	26-Sep-24	10:15	Fine	75.4	78.8	65.8	
#	26-Sep-24	10:20	Fine	74.3	77.4	66.4	

Note:

* Impact Monitoring at Station NMS1-T; # Impact Monitoring at Station NMS1-T2.

During the reporting period, temporary monitoring station NMS1-T, was no longer accessible from 13 August 2024, due to the relocation of the Agriculture, Fisheries and Conservation Department Kowloon Animal Management Centre. Alternative temporary noise monitoring station, NMS1-T2 was proposed by ET and agreed by IEC on 9 August 2024 and further approved by EPD on 28 August 2024 for conducting impact monitoring during the reporting period.

Graphical Presentation for Noise Monitoring at NMS1-T/NMS1-T2



Kai Tak Sports Park

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Plants Mobilization												
Loading/ Unloading of Materials												
Excavation												
C&D Waste Disposal												
Concreting												
Lifting												
C&D Materials Internal Transportation												
Landscape Work												
Impact Water Sampling (PSG)												

Hotel and Office Development

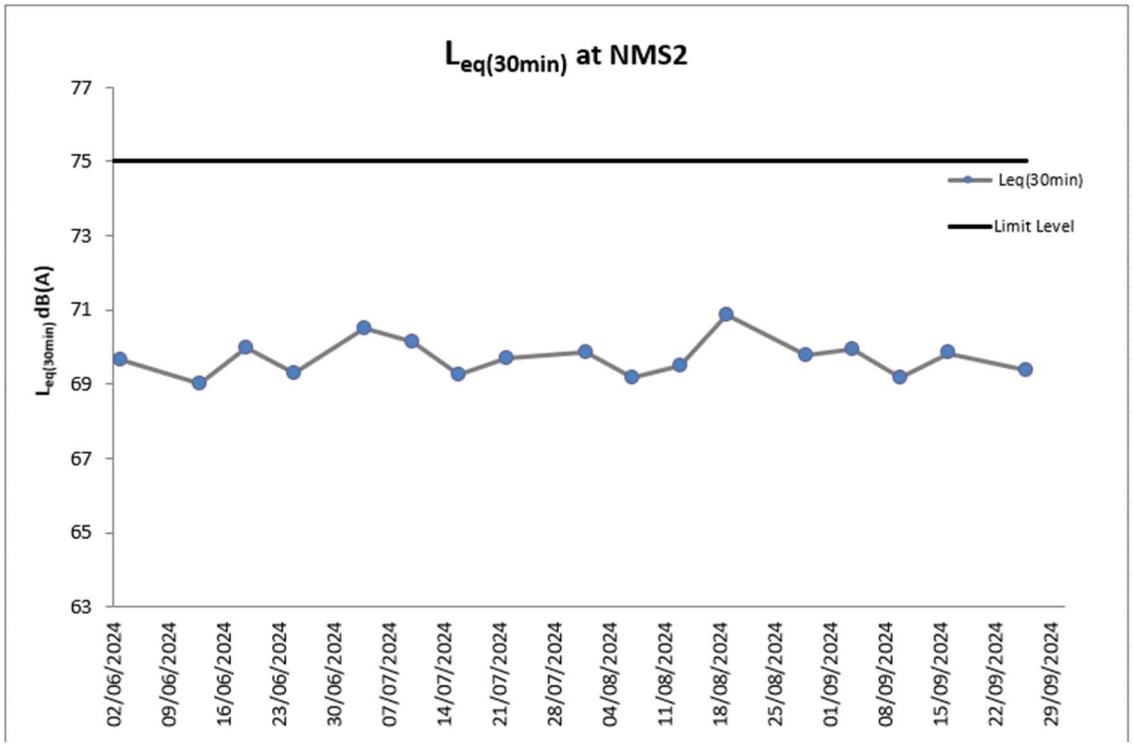
	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Loading/Unloading of Materials												
Concreting												
Landscape Work												
C&D Waste Disposal												

Data for Noise Monitoring at Station NMS2

Date	Time	Weather	$L_{eq(5min)}$	L_{10}	L_{90}	Measured $L_{eq(30min)}$
04-Jul-24	08:52	Fine	69.9	73.0	66.2	70.5
04-Jul-24	08:57	Fine	70.1	73.3	67.4	
04-Jul-24	09:02	Fine	71.4	74.7	67.5	
04-Jul-24	09:07	Fine	69.7	72.6	66.8	
04-Jul-24	09:12	Fine	70.0	73.9	67.7	
04-Jul-24	09:17	Fine	71.6	74.8	67.0	
10-Jul-24	08:51	Fine	69.1	72.6	65.2	70.1
10-Jul-24	08:56	Fine	70.7	73.0	66.8	
10-Jul-24	09:01	Fine	68.3	71.4	65.7	
10-Jul-24	09:06	Fine	70.7	73.9	66.5	
10-Jul-24	09:11	Fine	71.9	74.5	67.0	
10-Jul-24	09:16	Fine	69.0	72.4	66.6	
16-Jul-24	08:49	Cloudy	68.7	71.0	65.2	69.2
16-Jul-24	08:54	Cloudy	69.0	71.2	65.4	
16-Jul-24	08:59	Cloudy	68.4	70.9	64.3	
16-Jul-24	09:04	Cloudy	67.8	70.0	64.5	
16-Jul-24	09:09	Cloudy	70.9	73.2	66.2	
16-Jul-24	09:14	Cloudy	69.9	72.0	66.8	
22-Jul-24	08:53	Cloudy	68.9	71.0	65.2	69.7
22-Jul-24	08:58	Cloudy	69.1	72.9	66.8	
22-Jul-24	09:03	Cloudy	69.6	72.7	66.0	
22-Jul-24	09:08	Cloudy	70.3	73.6	67.1	
22-Jul-24	09:13	Cloudy	70.0	73.4	67.5	
22-Jul-24	09:18	Cloudy	70.1	73.2	67.6	
01-Aug-24	08:50	Cloudy	69.2	72.6	65.1	69.9
01-Aug-24	08:55	Cloudy	68.0	71.4	64.5	
01-Aug-24	09:00	Cloudy	70.3	73.7	66.6	
01-Aug-24	09:05	Cloudy	71.8	74.0	66.7	
01-Aug-24	09:10	Cloudy	69.7	72.9	65.9	
01-Aug-24	09:15	Cloudy	69.2	72.5	65.0	
07-Aug-24	08:50	Cloudy	69.9	72.0	67.2	69.2
07-Aug-24	08:55	Cloudy	68.1	71.9	66.2	
07-Aug-24	09:00	Cloudy	70.3	73.4	67.5	
07-Aug-24	09:05	Cloudy	69.7	72.7	66.8	
07-Aug-24	09:10	Cloudy	68.6	71.6	65.6	
07-Aug-24	09:15	Cloudy	68.0	71.3	65.0	
13-Aug-24	08:35	Fine	68.9	71.0	64.6	69.5
13-Aug-24	08:40	Fine	69.1	72.4	64.2	
13-Aug-24	08:45	Fine	68.3	71.4	64.5	
13-Aug-24	08:50	Fine	69.6	72.7	65.8	
13-Aug-24	08:55	Fine	70.6	73.9	65.7	
13-Aug-24	09:00	Fine	70.0	73.5	65.0	
19-Aug-24	08:48	Cloudy	69.7	72.6	67.2	70.9
19-Aug-24	08:53	Cloudy	70.1	73.0	68.5	
19-Aug-24	08:58	Cloudy	71.3	74.4	69.8	
19-Aug-24	09:03	Cloudy	71.9	74.8	69.0	
19-Aug-24	09:08	Cloudy	70.0	73.9	68.7	
19-Aug-24	09:13	Cloudy	71.6	74.2	69.6	
29-Aug-24	09:06	Fine	69.7	72.4	66.3	69.8
29-Aug-24	09:11	Fine	69.8	72.0	65.4	
29-Aug-24	09:16	Fine	69.4	71.6	66.3	
29-Aug-24	09:21	Fine	69.6	71.9	65.8	
29-Aug-24	09:26	Fine	70.4	72.4	65.8	
29-Aug-24	09:31	Fine	69.6	72.3	65.6	

Date	Time	Weather	$L_{eq(5min)}$	L_{10}	L_{90}	Measured $L_{eq(30min)}$
04-Sep-24	09:35	Fine	70.1	73.7	66.3	69.9
04-Sep-24	09:40	Fine	69.2	72.0	65.9	
04-Sep-24	09:45	Fine	68.7	71.8	64.6	
04-Sep-24	09:50	Fine	69.4	72.5	65.7	
04-Sep-24	09:55	Fine	71.0	74.2	66.5	
04-Sep-24	10:00	Fine	70.7	73.6	66.0	
10-Sep-24	09:24	Sunny	68.9	71.0	64.5	69.2
10-Sep-24	09:29	Sunny	70.6	73.4	66.8	
10-Sep-24	09:34	Sunny	69.3	72.7	65.0	
10-Sep-24	09:39	Sunny	68.7	71.9	64.2	
10-Sep-24	09:44	Sunny	69.1	72.6	65.4	
10-Sep-24	09:49	Sunny	68.0	71.0	64.9	
16-Sep-24	09:23	Fine	68.0	71.2	64.3	69.8
16-Sep-24	09:28	Fine	69.7	72.0	65.8	
16-Sep-24	09:33	Fine	70.1	73.4	66.0	
16-Sep-24	09:38	Fine	69.4	72.5	65.9	
16-Sep-24	09:43	Fine	70.8	73.7	66.6	
16-Sep-24	09:48	Fine	70.5	73.9	66.1	
26-Sep-24	09:06	Fine	68.3	71.0	63.3	69.4
26-Sep-24	09:11	Fine	69.6	72.2	64.9	
26-Sep-24	09:16	Fine	68.7	70.3	65.9	
26-Sep-24	09:21	Fine	69.1	71.9	64.9	
26-Sep-24	09:26	Fine	70.3	72.3	66.2	
26-Sep-24	09:31	Fine	70.0	71.8	68.2	

Graphical Presentation for Noise Monitoring at NMS2



Kai Tak Sports Park

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Plants Mobilization												
Loading/ Unloading of Materials												
Excavation												
C&D Waste Disposal												
Concreting												
Lifting												
C&D Materials Internal Transportation												
Landscape Work												
Impact Water Sampling (PSG)												

Hotel and Office Development

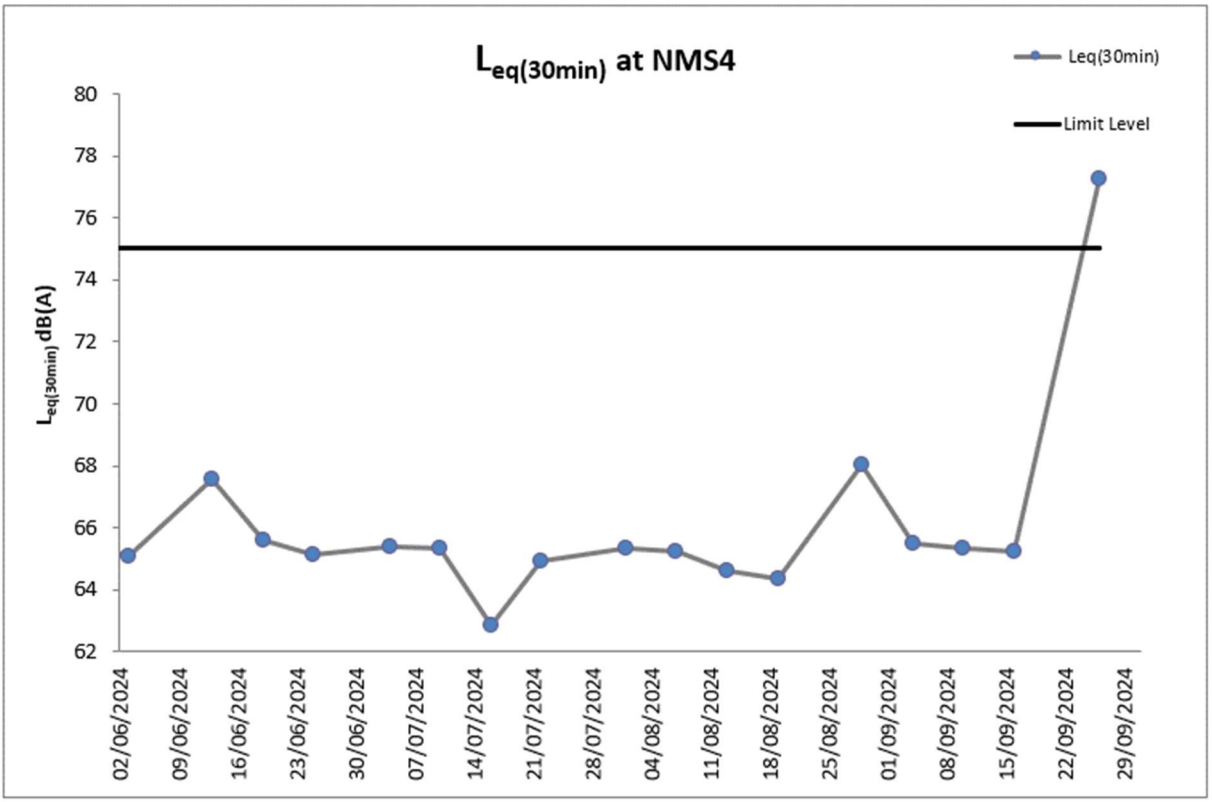
	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Loading/Unloading of Materials												
Concreting												
Landscape Work												
C&D Waste Disposal												

Data for Noise Monitoring at Station NMS4

Date	Time	Weather	$L_{eq(5min)}$	L_{10}	L_{90}	Measured $L_{eq(30min)}$
04-Jul-24	08:52	Fine	64.4	66.3	62.2	65.4
04-Jul-24	08:57	Fine	65.1	67.0	63.5	
04-Jul-24	09:02	Fine	65.7	67.6	63.6	
04-Jul-24	09:07	Fine	64.9	66.9	62.8	
04-Jul-24	09:12	Fine	66.7	68.4	64.7	
04-Jul-24	09:17	Fine	65.0	67.6	63.0	
10-Jul-24	08:51	Fine	64.3	66.6	62.5	65.3
10-Jul-24	08:56	Fine	65.4	67.4	63.9	
10-Jul-24	09:01	Fine	65.8	67.9	63.2	
10-Jul-24	09:06	Fine	64.1	66.7	62.0	
10-Jul-24	09:11	Fine	66.7	68.0	64.6	
10-Jul-24	09:16	Fine	65.0	67.2	63.7	
16-Jul-24	08:49	Cloudy	63.1	64.3	61.4	62.8
16-Jul-24	08:54	Cloudy	63.7	64.5	60.4	
16-Jul-24	08:59	Cloudy	62.9	64.4	60.0	
16-Jul-24	09:04	Cloudy	63.9	64.8	60.0	
16-Jul-24	09:09	Cloudy	61.7	62.7	59.0	
16-Jul-24	09:14	Cloudy	61.0	62.4	59.2	
22-Jul-24	08:53	Cloudy	64.9	66.4	62.5	64.9
22-Jul-24	08:58	Cloudy	65.3	67.9	63.2	
22-Jul-24	09:03	Cloudy	65.1	67.7	63.8	
22-Jul-24	09:08	Cloudy	64.4	66.0	62.6	
22-Jul-24	09:13	Cloudy	64.6	66.1	62.4	
22-Jul-24	09:18	Cloudy	65.0	67.2	63.0	
01-Aug-24	08:50	Cloudy	64.9	66.0	62.2	65.3
01-Aug-24	08:55	Cloudy	65.1	67.9	63.8	
01-Aug-24	09:00	Cloudy	65.7	67.3	63.4	
01-Aug-24	09:05	Cloudy	66.0	68.5	64.1	
01-Aug-24	09:10	Cloudy	64.6	66.7	62.4	
01-Aug-24	09:15	Cloudy	65.5	67.1	63.0	
07-Aug-24	08:50	Cloudy	64.2	66.1	62.5	65.2
07-Aug-24	08:55	Cloudy	65.3	67.4	63.7	
07-Aug-24	09:00	Cloudy	64.9	66.0	62.6	
07-Aug-24	09:05	Cloudy	65.6	67.7	63.8	
07-Aug-24	09:10	Cloudy	64.0	66.8	62.2	
07-Aug-24	09:15	Cloudy	66.7	68.1	64.0	
13-Aug-24	08:35	Fine	64.6	66.0	62.7	64.6
13-Aug-24	08:40	Fine	65.1	67.7	63.2	
13-Aug-24	08:45	Fine	64.4	66.3	62.5	
13-Aug-24	08:50	Fine	63.8	65.9	61.9	
13-Aug-24	08:55	Fine	64.6	66.4	62.0	
13-Aug-24	09:00	Fine	65.0	67.5	63.4	
19-Aug-24	08:48	Cloudy	64.9	66.0	62.1	64.3
19-Aug-24	08:53	Cloudy	65.1	67.4	63.2	
19-Aug-24	08:58	Cloudy	64.3	66.1	62.5	
19-Aug-24	09:03	Cloudy	64.6	66.7	62.8	
19-Aug-24	09:08	Cloudy	63.0	65.8	61.7	
19-Aug-24	09:13	Cloudy	63.7	65.6	61.0	
29-Aug-24	09:06	Fine	67.3	69.9	65.2	68.1
29-Aug-24	09:11	Fine	68.9	70.0	66.6	
29-Aug-24	09:16	Fine	68.1	70.4	66.5	
29-Aug-24	09:21	Fine	69.6	71.7	67.8	
29-Aug-24	09:26	Fine	66.0	68.5	64.0	
29-Aug-24	09:31	Fine	67.5	69.6	65.9	

Date	Time	Weather	$L_{eq(5min)}$	L_{10}	L_{90}	Measured $L_{eq(30min)}$
04-Sep-24	09:35	Fine	65.1	67.9	63.2	65.5
04-Sep-24	09:40	Fine	64.9	66.0	62.5	
04-Sep-24	09:45	Fine	66.3	68.4	64.8	
04-Sep-24	09:50	Fine	66.6	68.7	64.7	
04-Sep-24	09:55	Fine	64.0	66.5	62.6	
04-Sep-24	10:00	Fine	65.5	67.4	63.0	
10-Sep-24	09:24	Sunny	65.0	67.7	63.8	65.4
10-Sep-24	09:29	Sunny	66.3	68.4	64.5	
10-Sep-24	09:34	Sunny	64.6	66.9	62.2	
10-Sep-24	09:39	Sunny	65.9	67.6	63.0	
10-Sep-24	09:44	Sunny	64.1	66.0	62.1	
10-Sep-24	09:49	Sunny	65.8	67.2	63.7	
16-Sep-24	09:23	Fine	64.1	66.5	62.3	65.2
16-Sep-24	09:28	Fine	65.9	67.0	63.6	
16-Sep-24	09:33	Fine	65.7	67.2	63.6	
16-Sep-24	09:38	Fine	66.4	68.1	64.0	
16-Sep-24	09:43	Fine	64.6	66.7	62.9	
16-Sep-24	09:48	Fine	64.0	66.8	62.5	
26-Sep-24	09:06	Fine	74.6	77.5	63.8	77.2
26-Sep-24	09:11	Fine	78.7	83.6	64.9	
26-Sep-24	09:16	Fine	78.4	83.2	63.2	
26-Sep-24	09:21	Fine	65.3	67.3	62.1	
26-Sep-24	09:26	Fine	76.7	82.4	62.9	
26-Sep-24	09:31	Fine	79.8	84.2	65.1	

Graphical Presentation for Noise Monitoring at NMS4



Kai Tak Sports Park

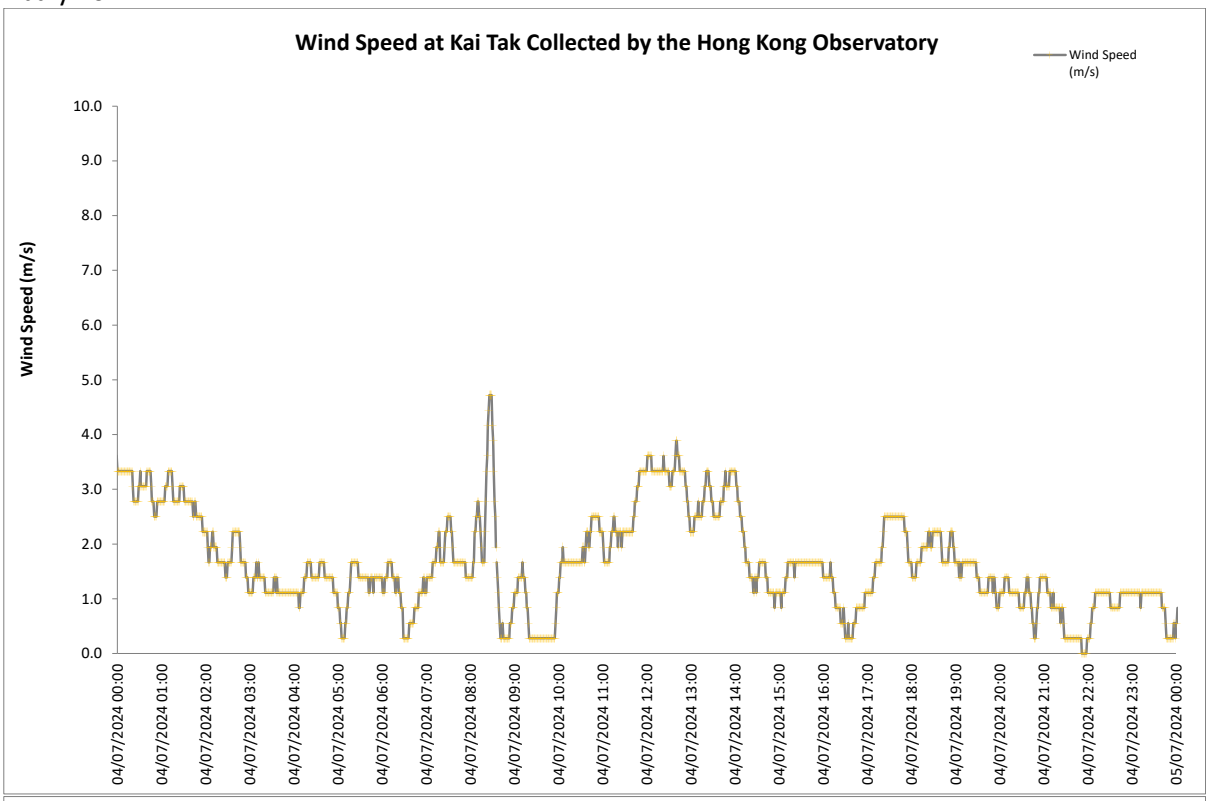
	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Plants Mobilization												
Loading/ Unloading of Materials												
Excavation												
C&D Waste Disposal												
Concreting												
Lifting												
C&D Materials Internal Transportation												
Landscape Work												
Impact Water Sampling (PSG)												

Hotel and Office Development

	2024											
Construction Activities	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Loading/Unloading of Materials												
Concreting												
Landscape Work												
C&D Waste Disposal												

Appendix F. Wind Data

4 July 2024


Wind Speed at Kai Tak Collected by the Hong Kong Observatory
Wind Speed (m/s)
Wind Speed (m/s)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
04/07/2024 00:00
04/07/2024 01:00
04/07/2024 02:00
04/07/2024 03:00
04/07/2024 04:00
04/07/2024 05:00
04/07/2024 06:00
04/07/2024 07:00
04/07/2024 08:00
04/07/2024 09:00
04/07/2024 10:00
04/07/2024 11:00
04/07/2024 12:00
04/07/2024 13:00
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04/07/2024 20:00
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04/07/2024 22:00
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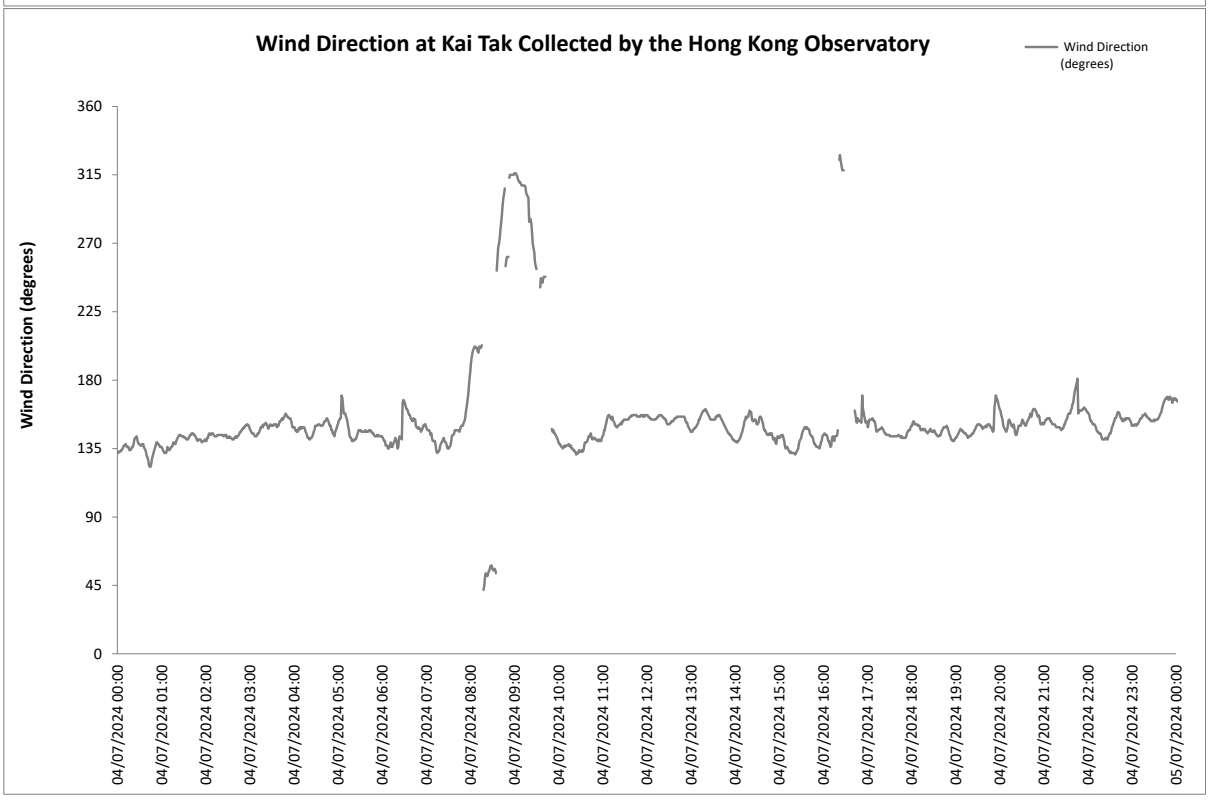
Wind Direction at Kai Tak Collected by the Hong Kong Observatory
Wind Direction (degrees)
Wind Direction (degrees)
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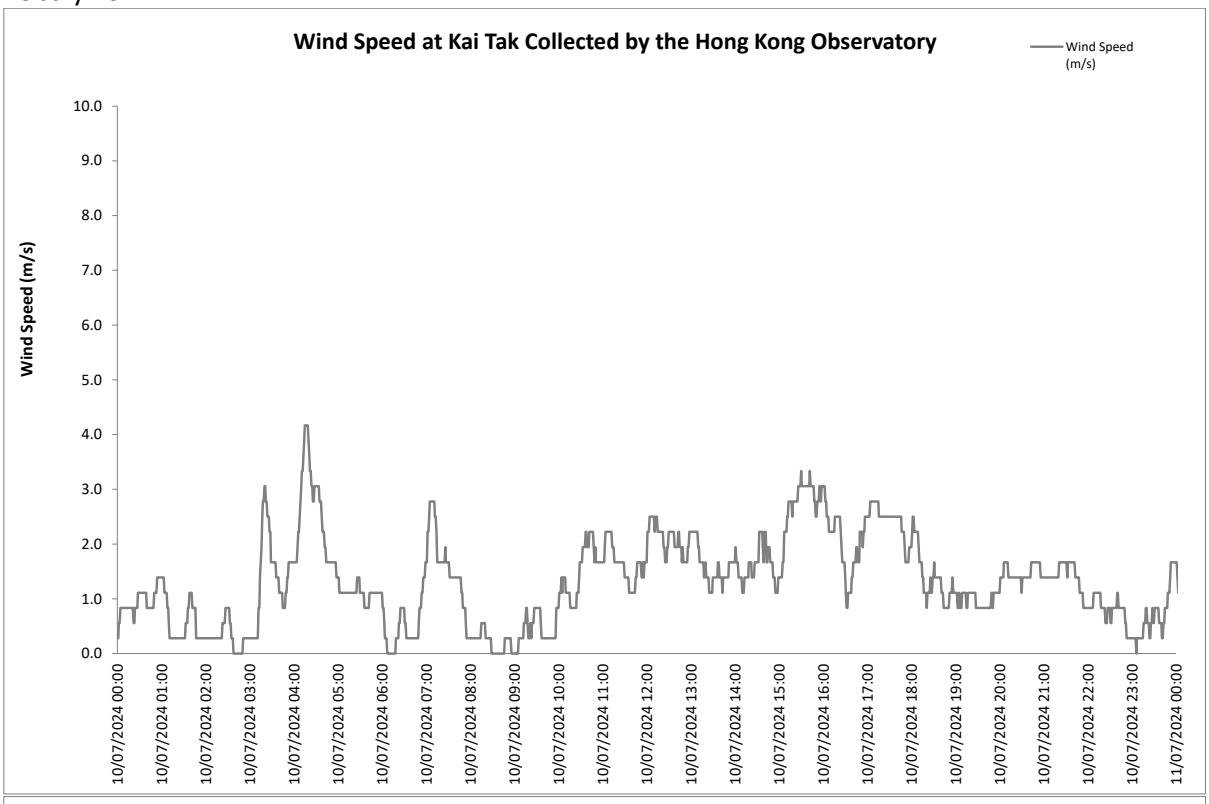
10 July 2024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Wind Speed (m/s)
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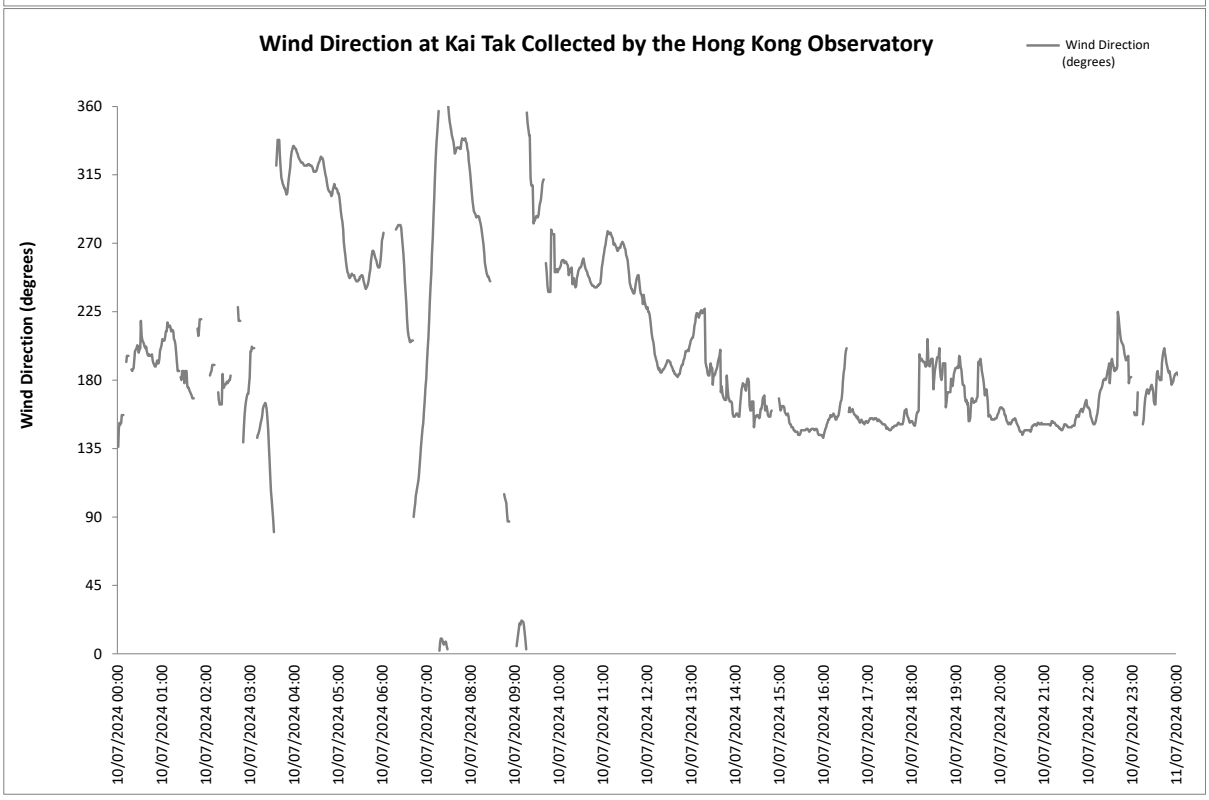
Wind Direction at Kai Tak Collected by the Hong Kong Observatory
Wind Direction (degrees)
Wind Direction (degrees)
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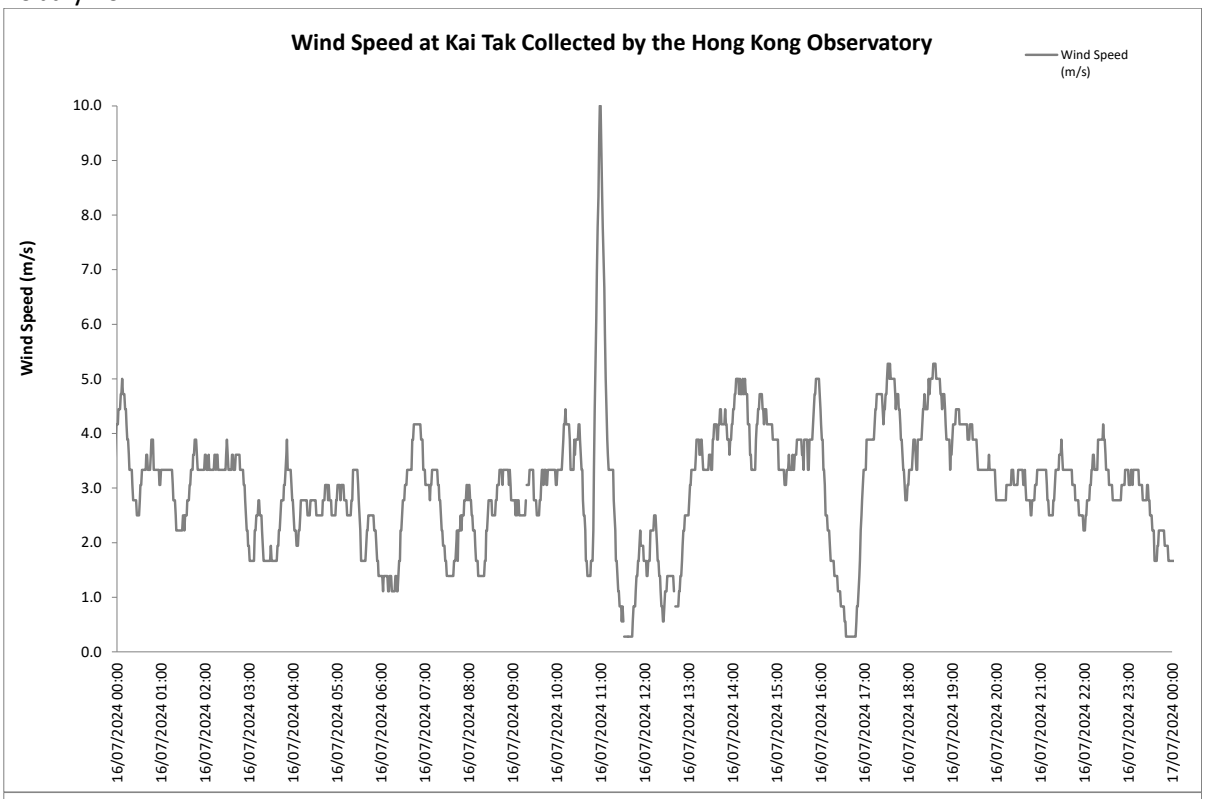
16 July 2024


Wind Speed at Kai Tak Collected by the Hong Kong Observatory
Wind Speed (m/s)
Wind Speed (m/s)
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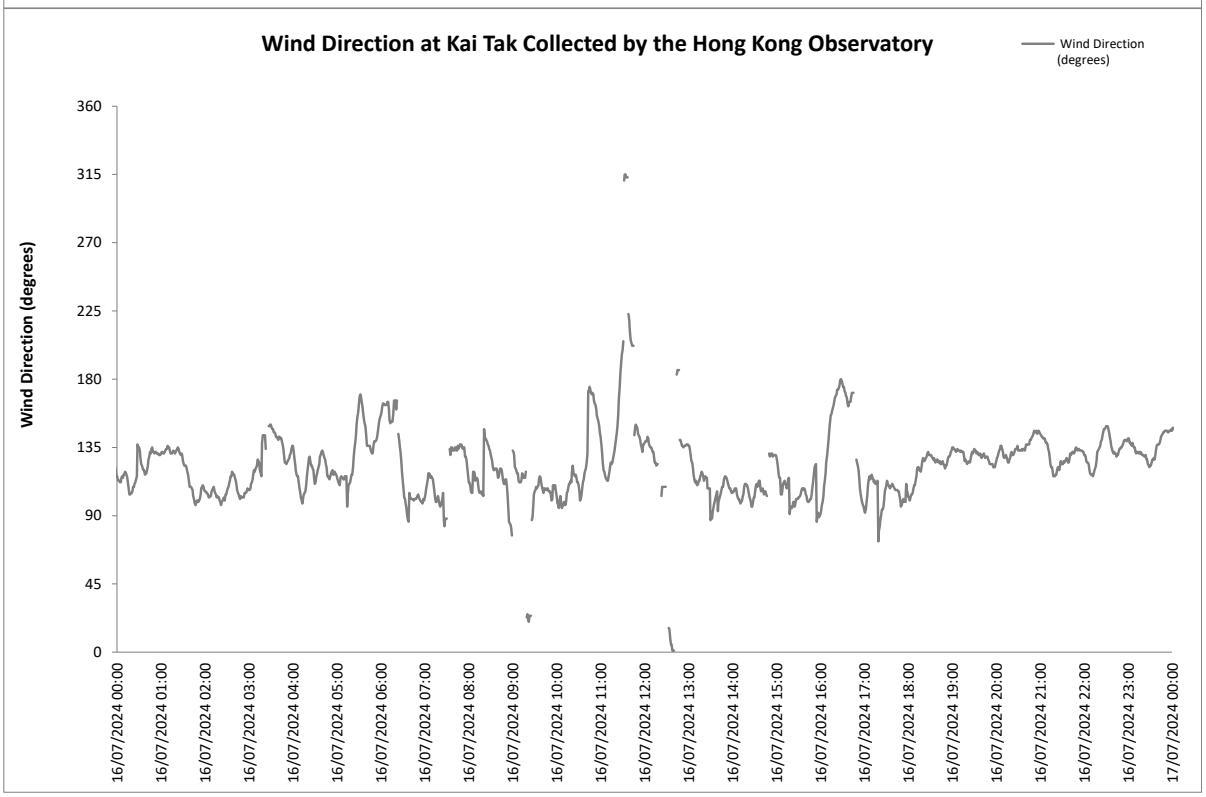
Wind Direction at Kai Tak Collected by the Hong Kong Observatory
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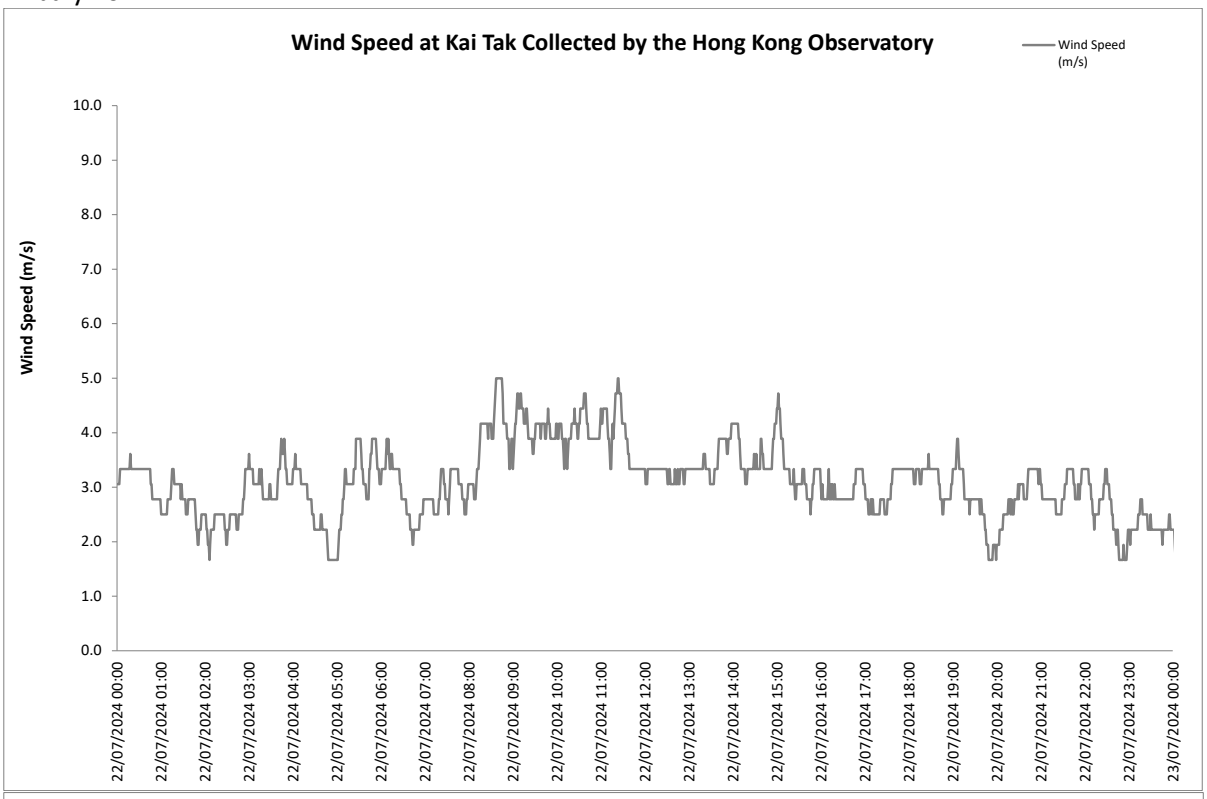
22 July 2024


Wind Speed at Kai Tak Collected by the Hong Kong Observatory
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Wind Speed (m/s)
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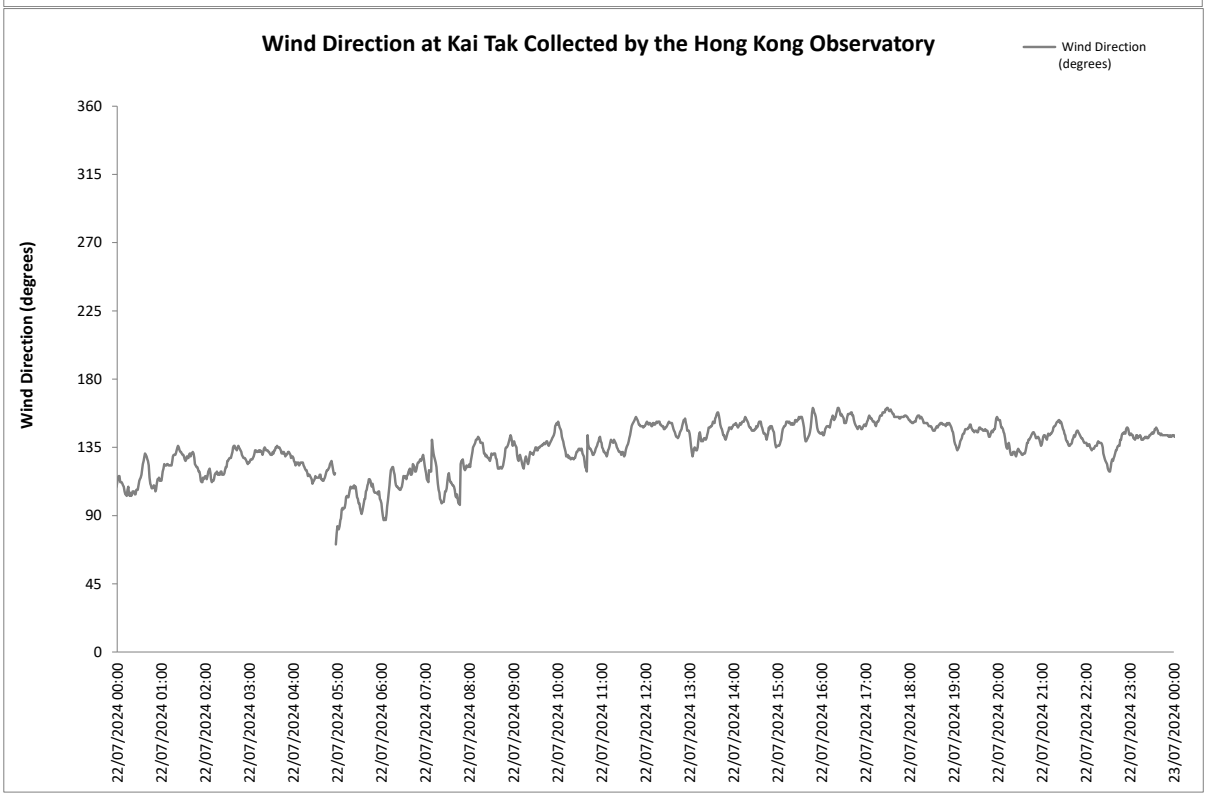
Wind Direction at Kai Tak Collected by the Hong Kong Observatory
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Wind Direction (degrees)
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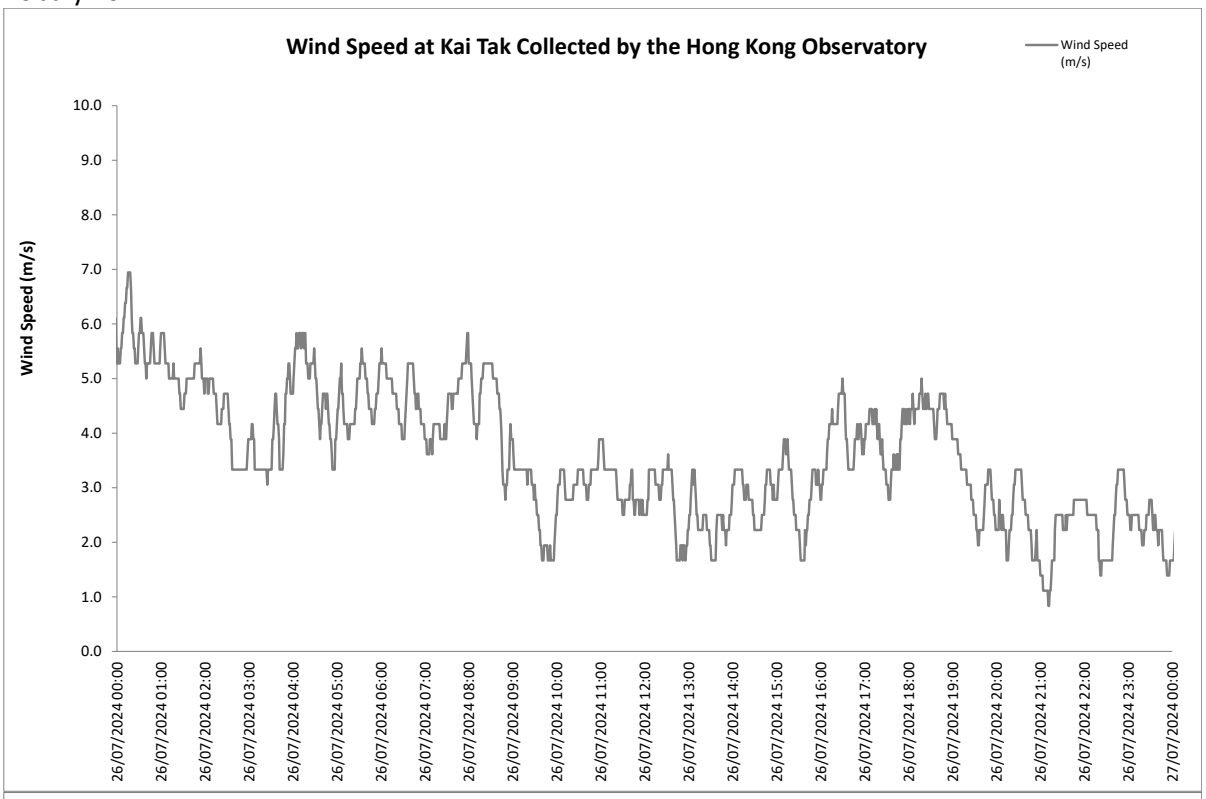
26 July 2024


Wind Speed at Kai Tak Collected by the Hong Kong Observatory
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Wind Speed (m/s)
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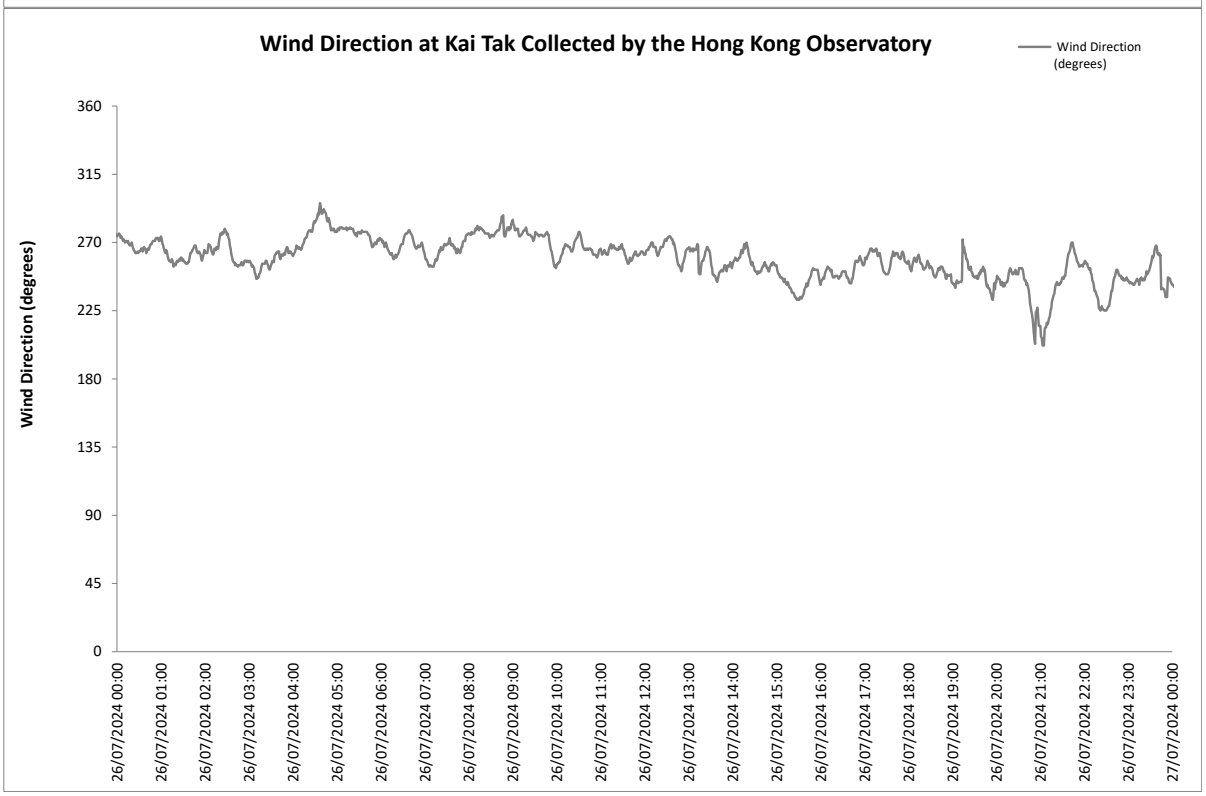
Wind Direction at Kai Tak Collected by the Hong Kong Observatory
Wind Direction (degrees)
Wind Direction (degrees)
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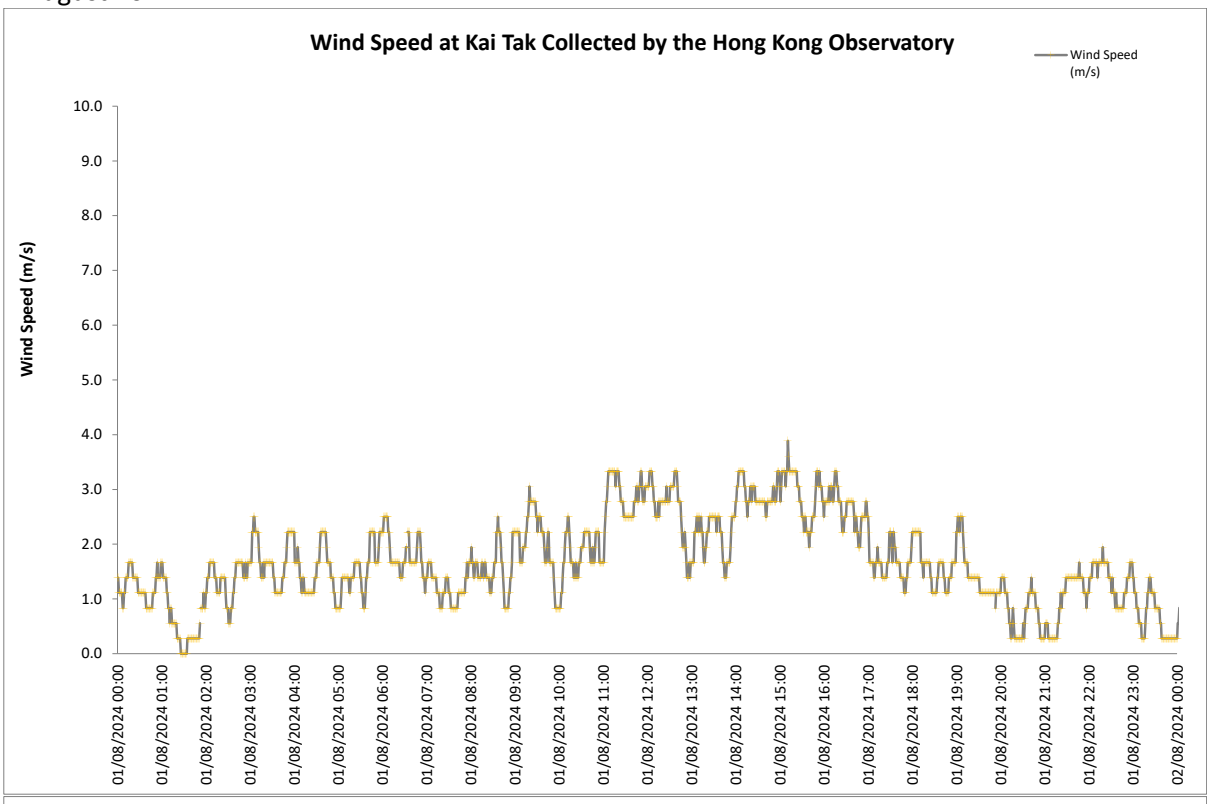
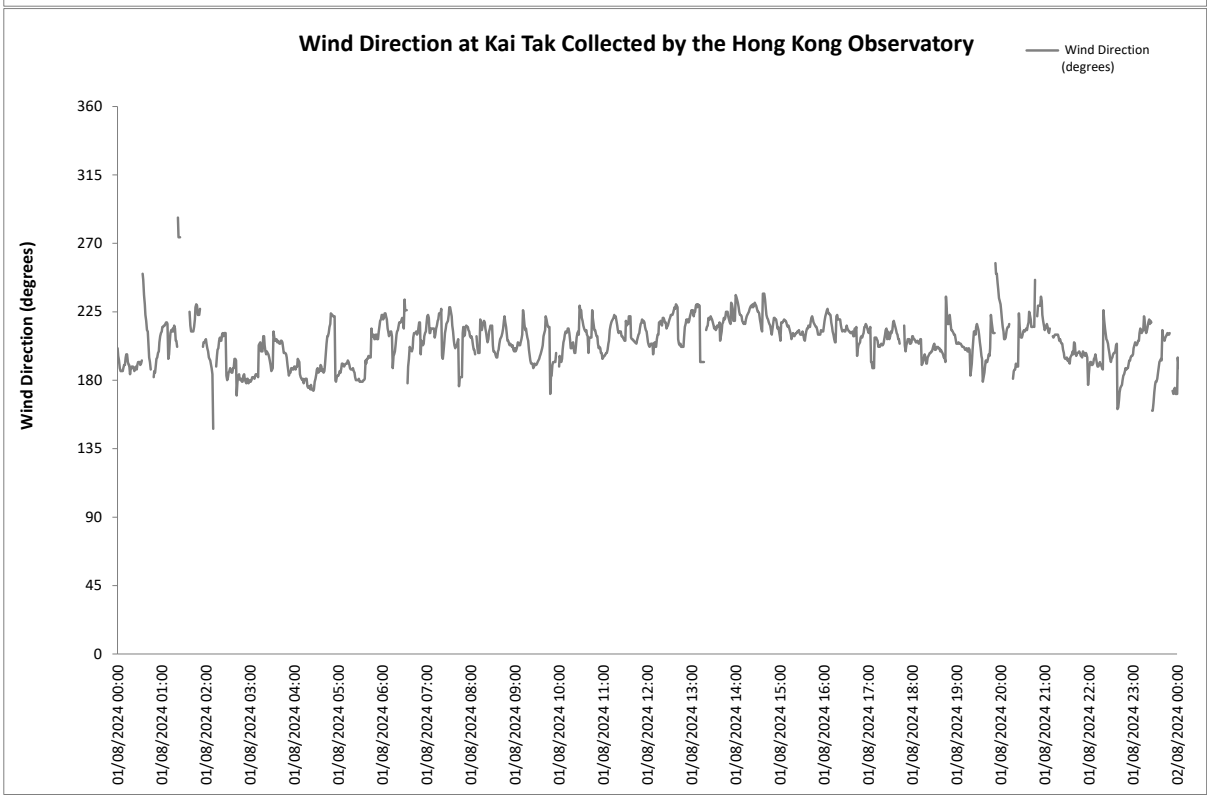
1 August 2024





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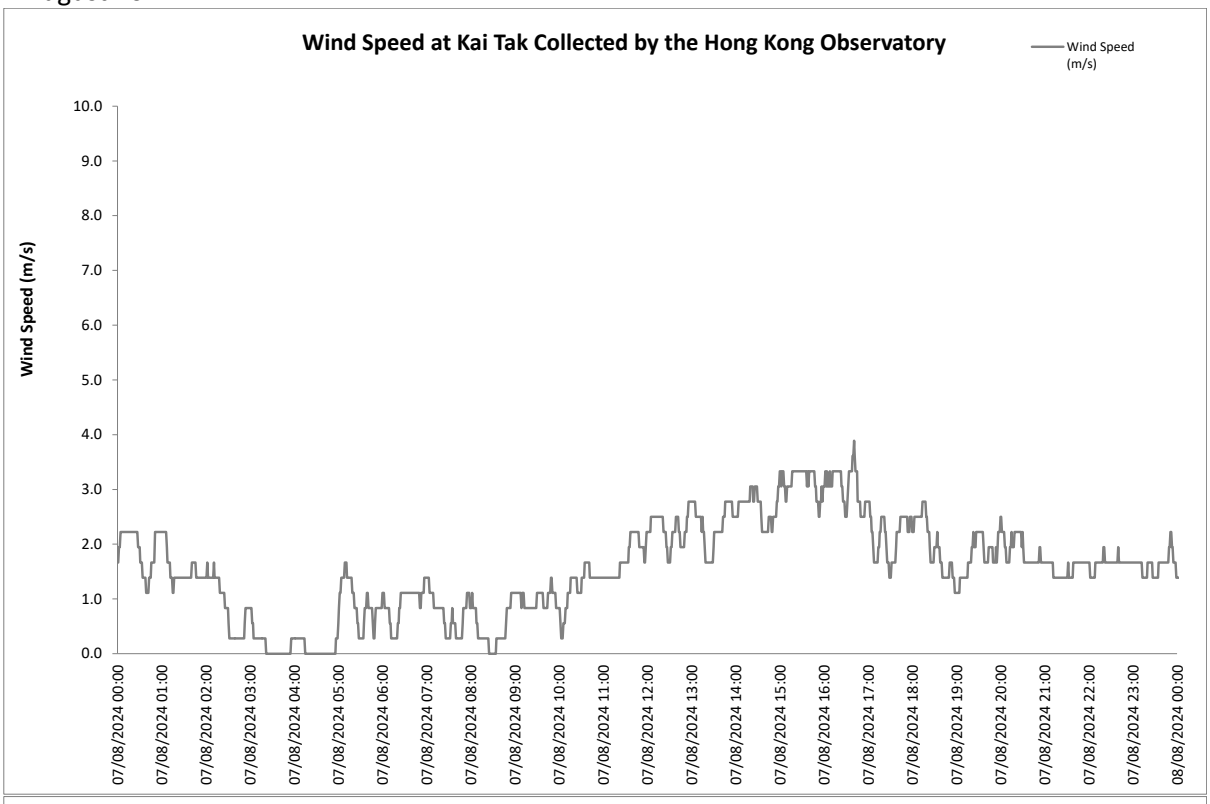
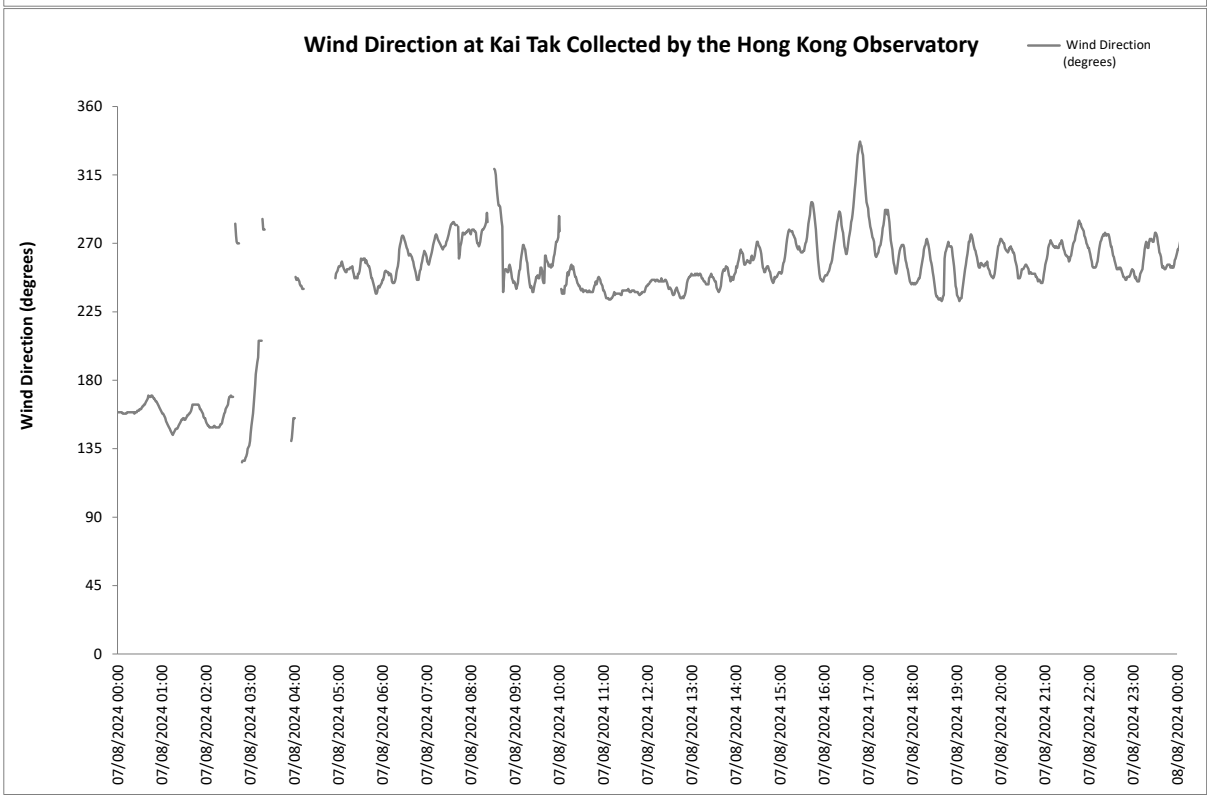
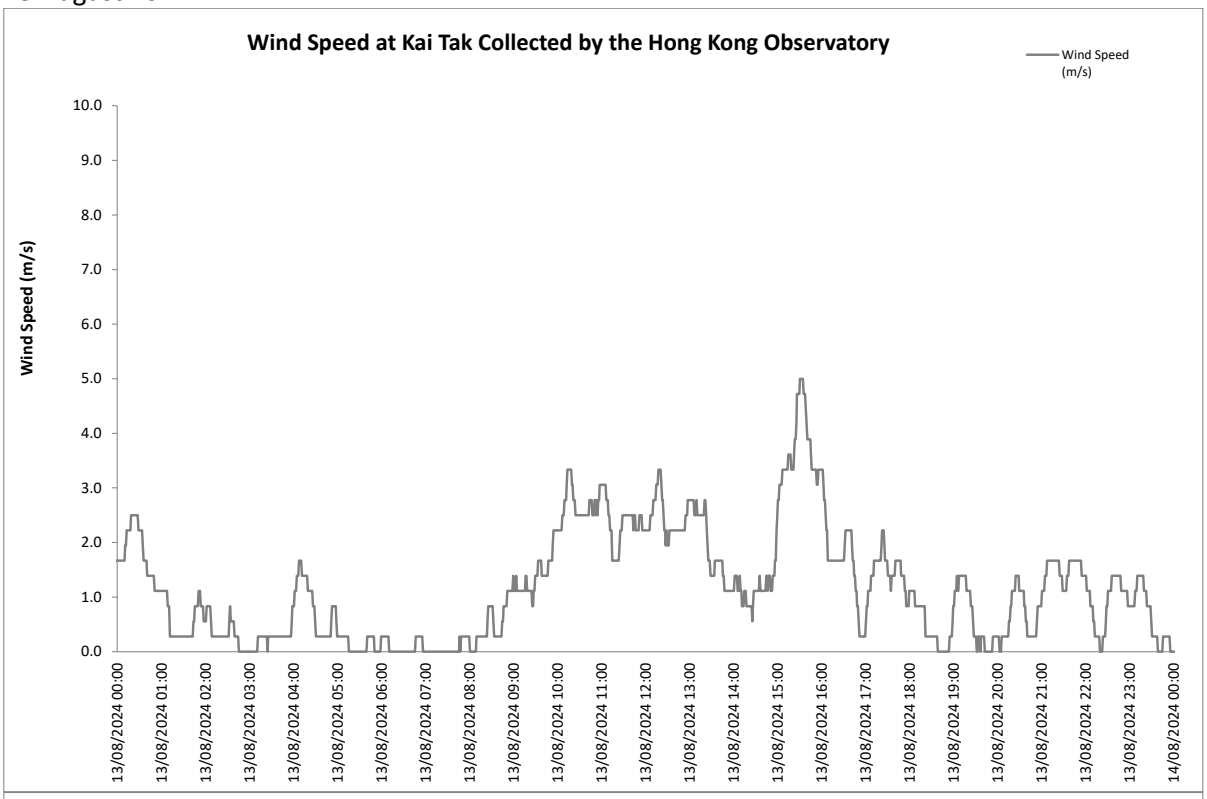
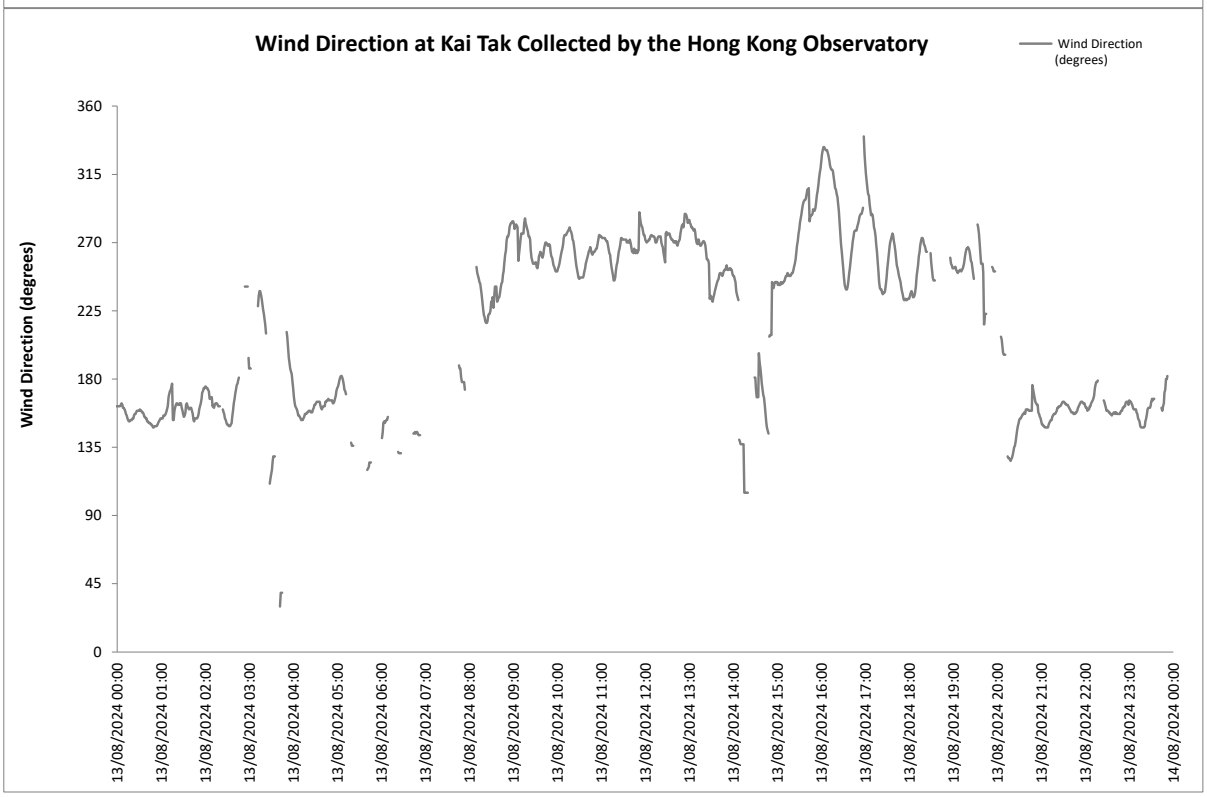




13 August 2024





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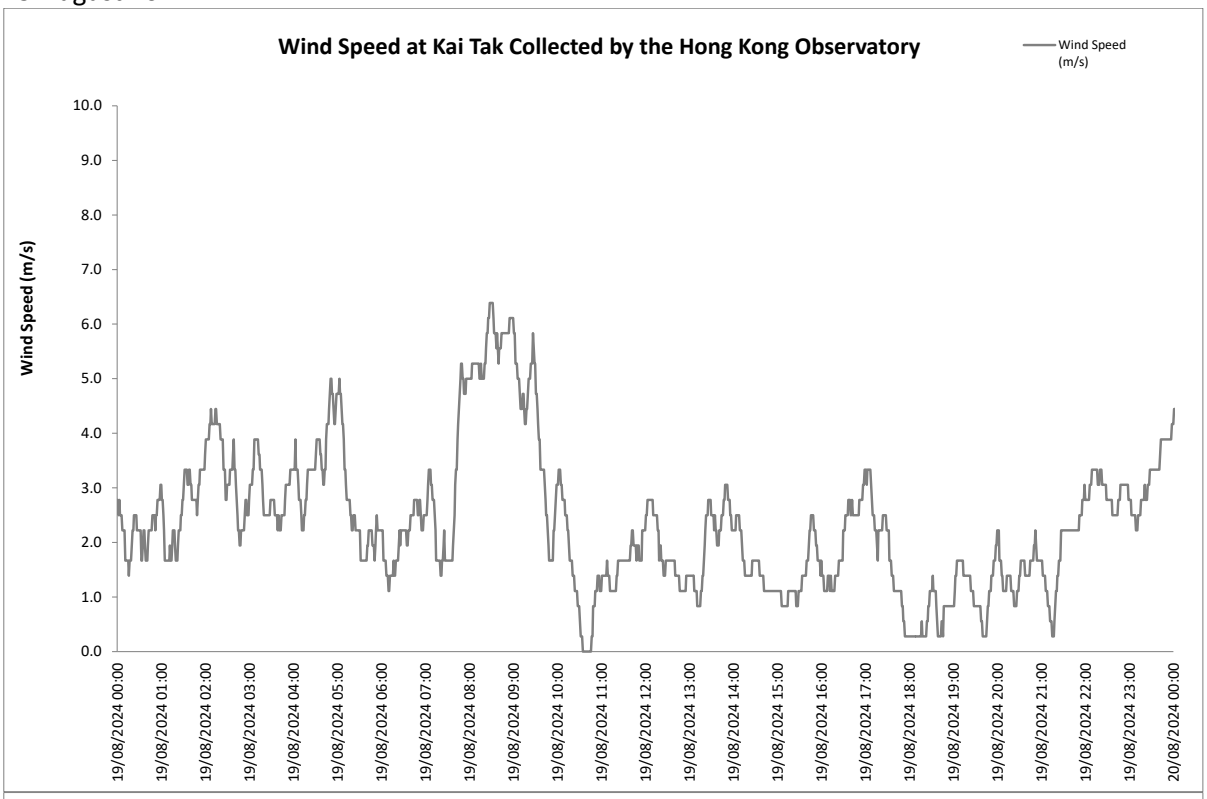

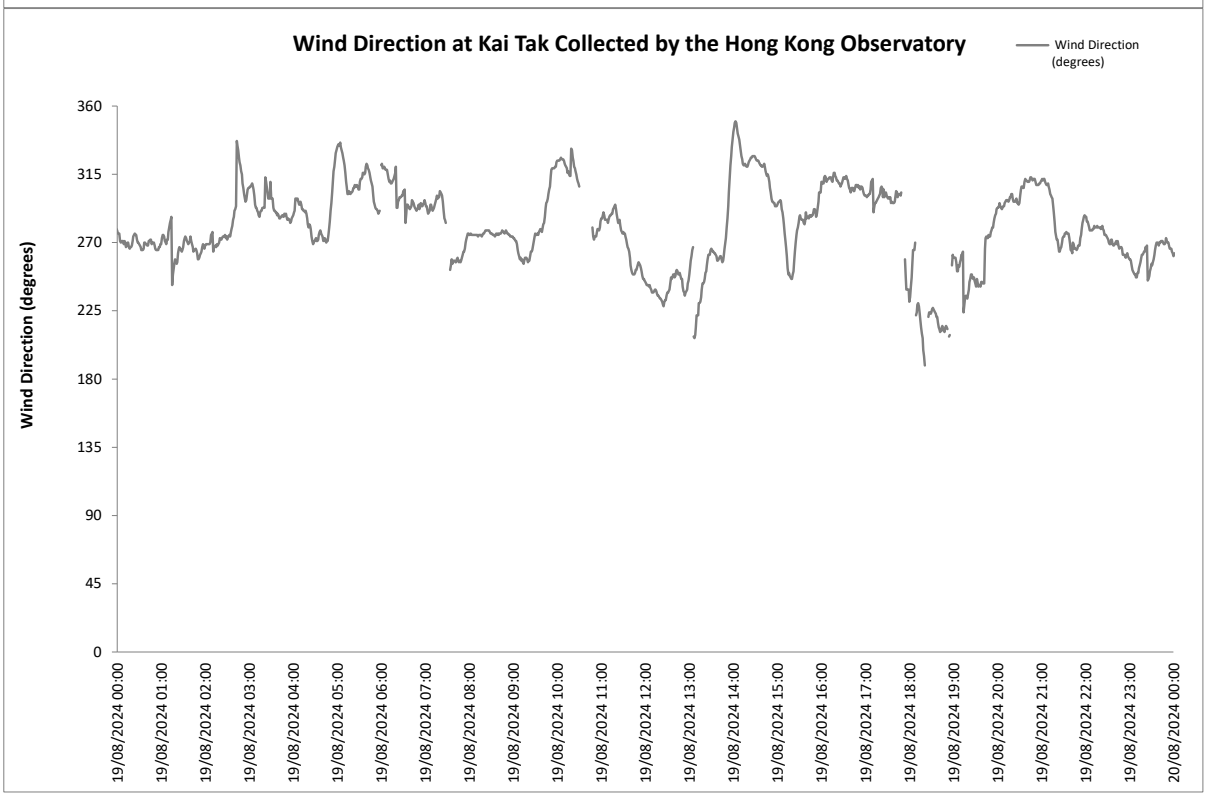

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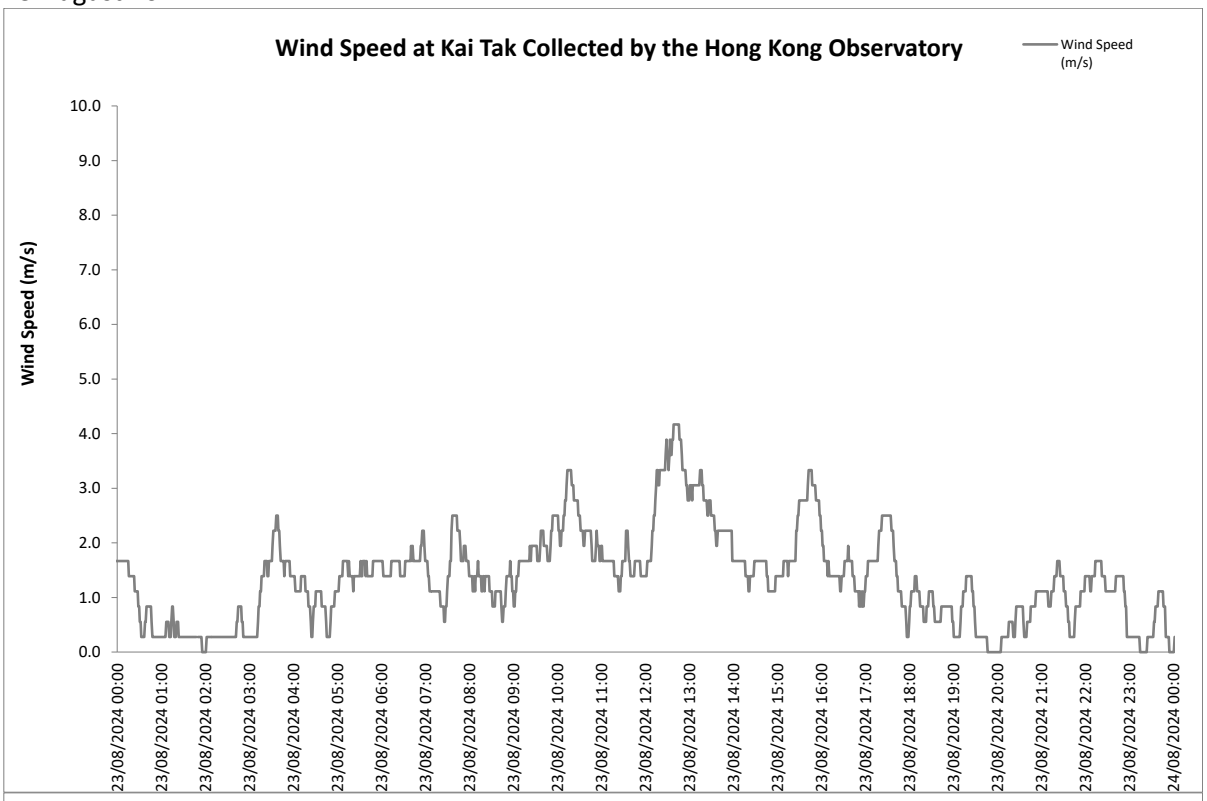
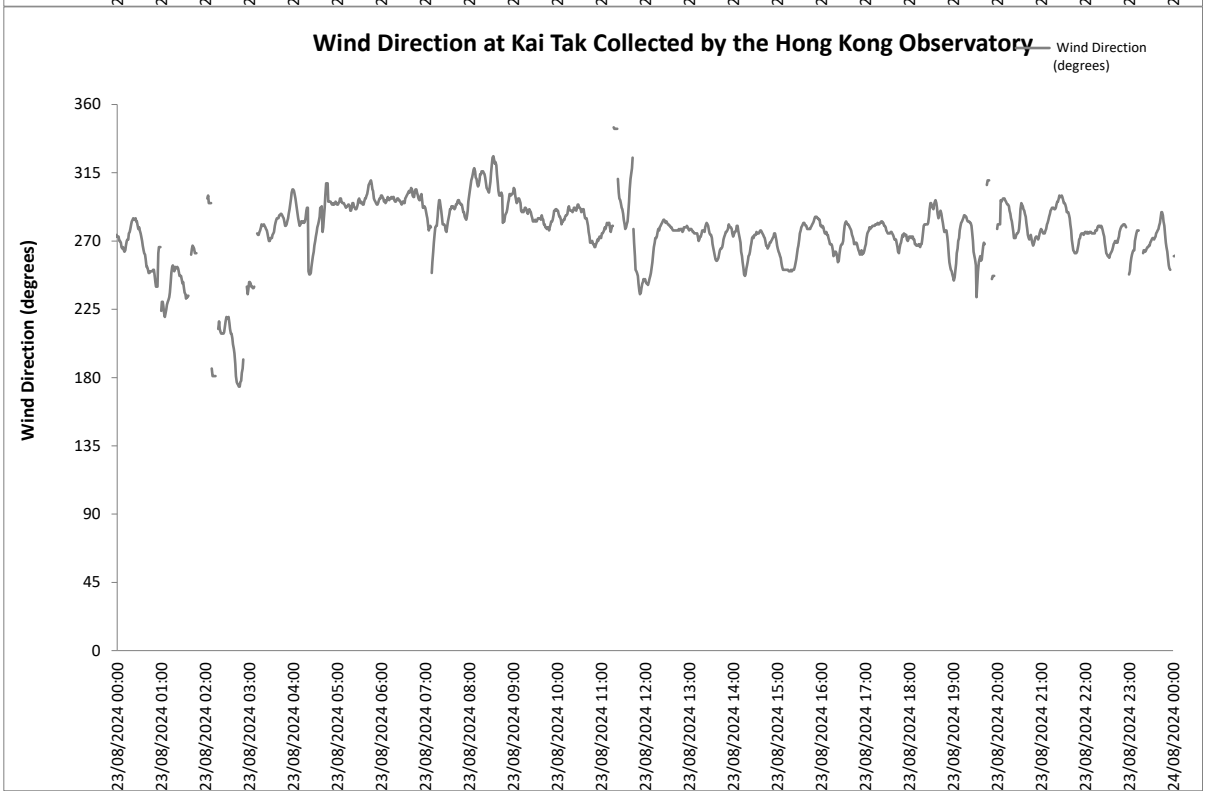
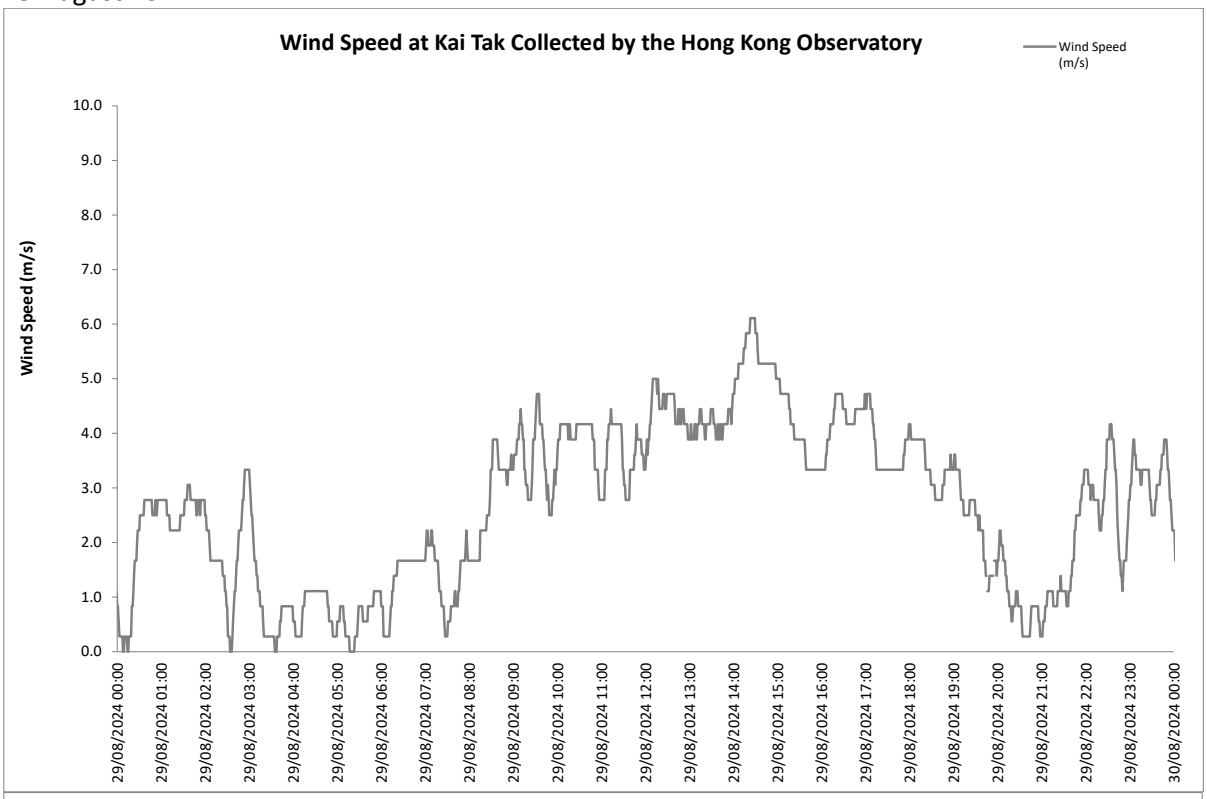
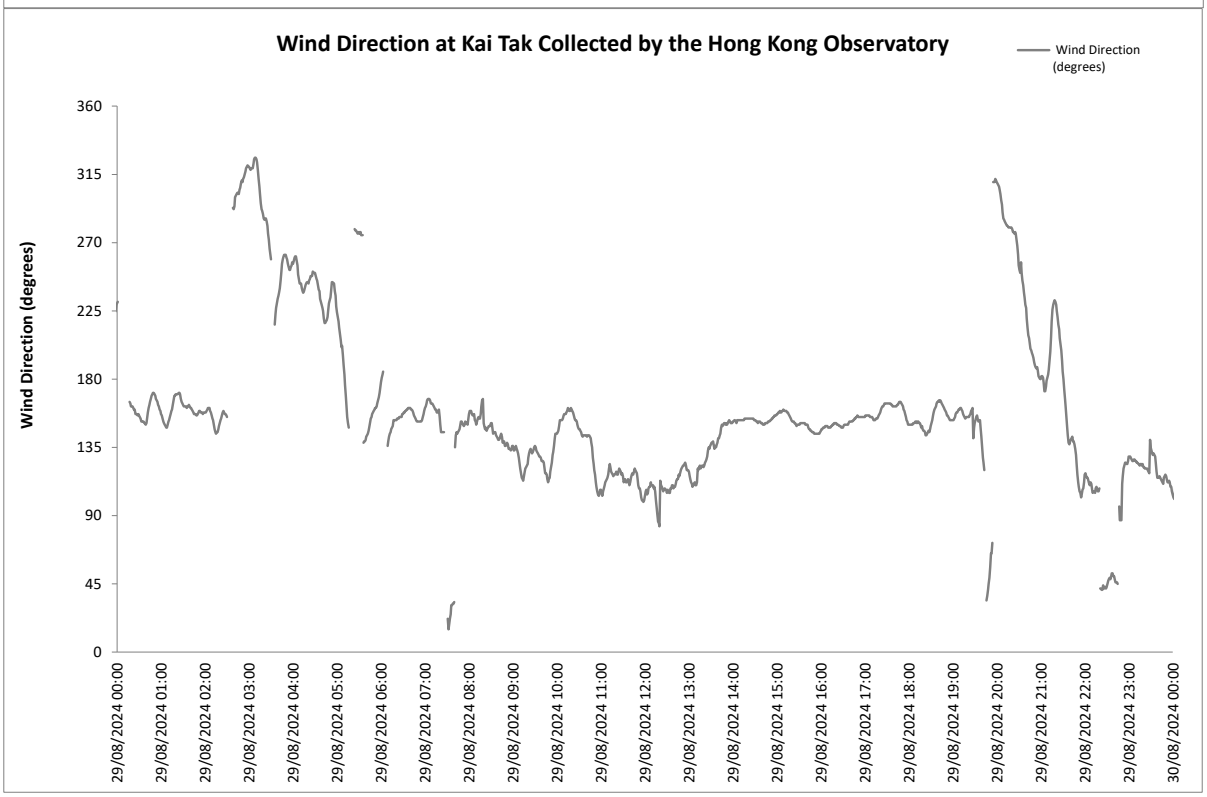


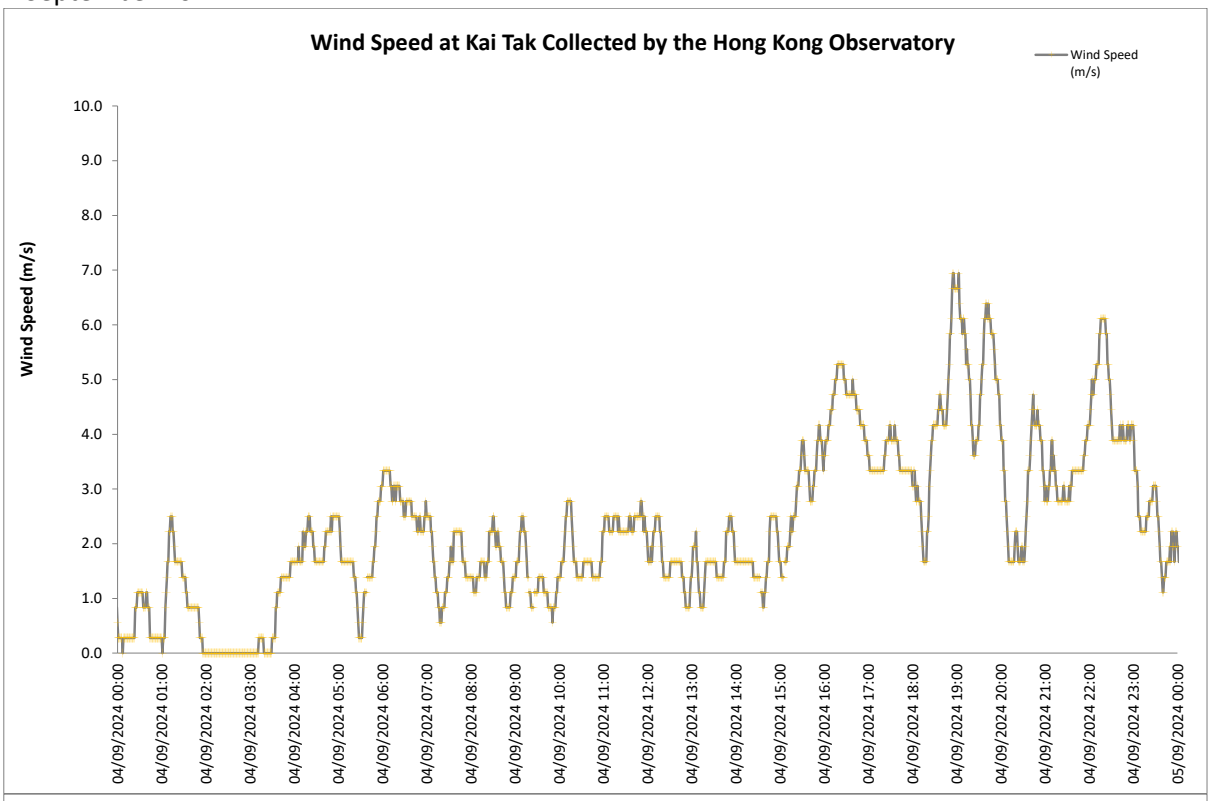


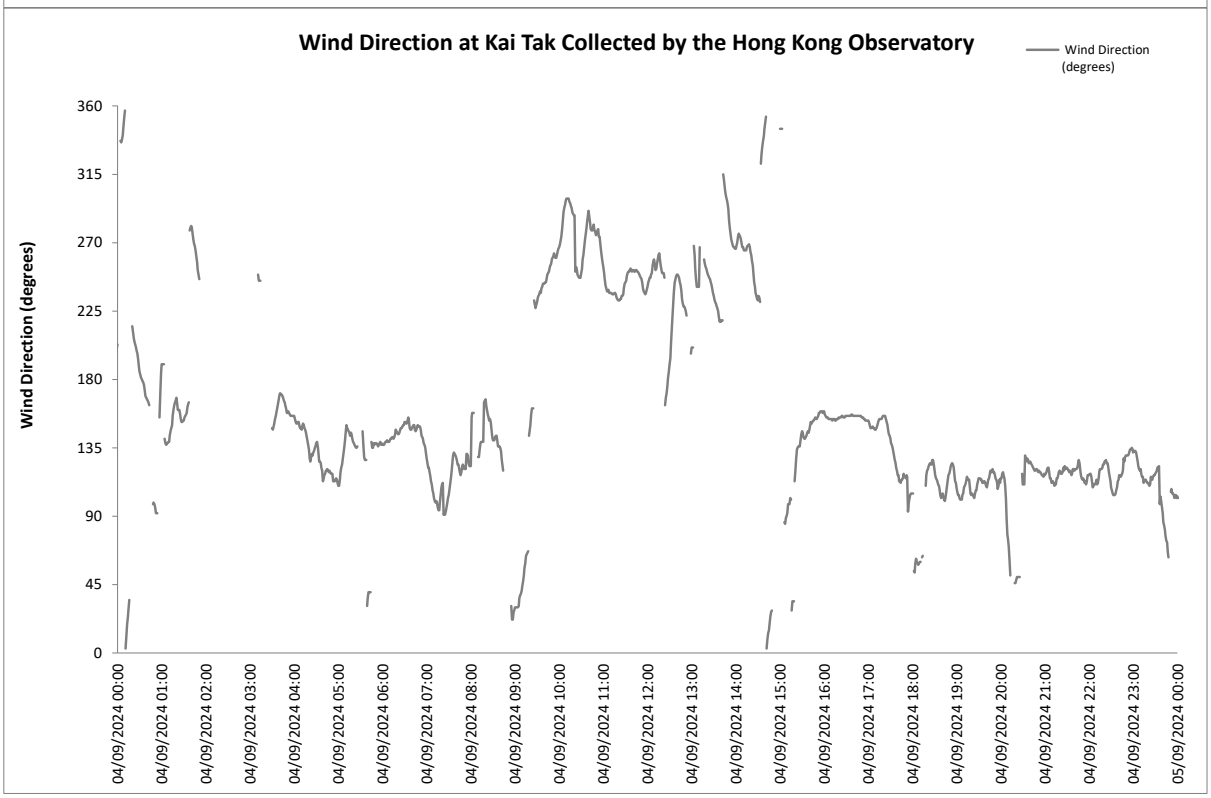
29 August 2024



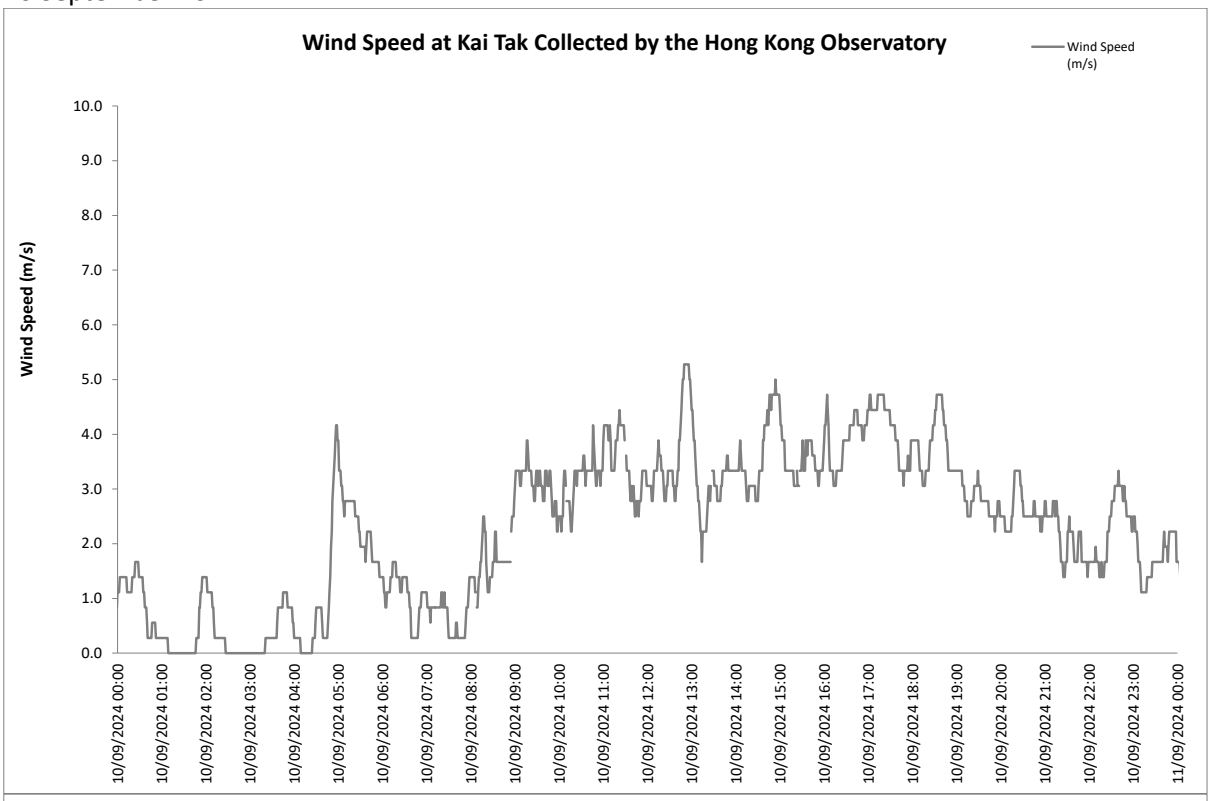


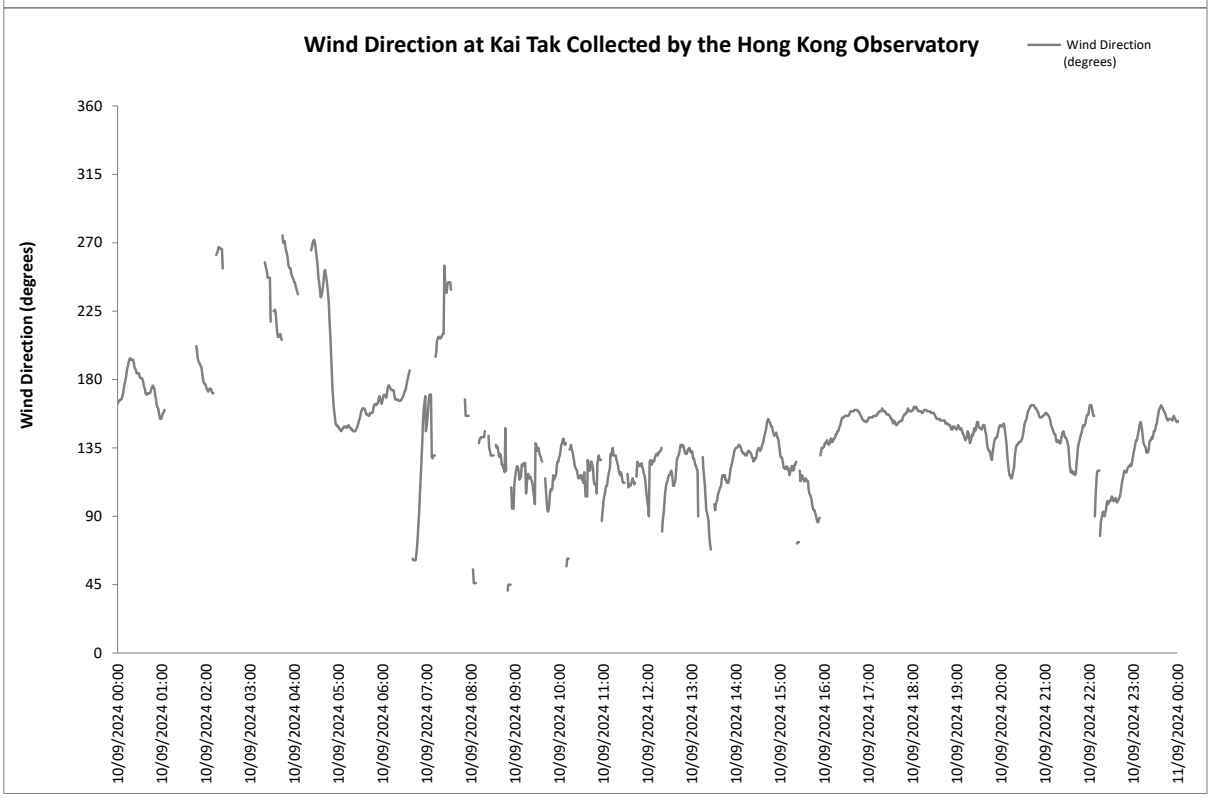
4 September 2024



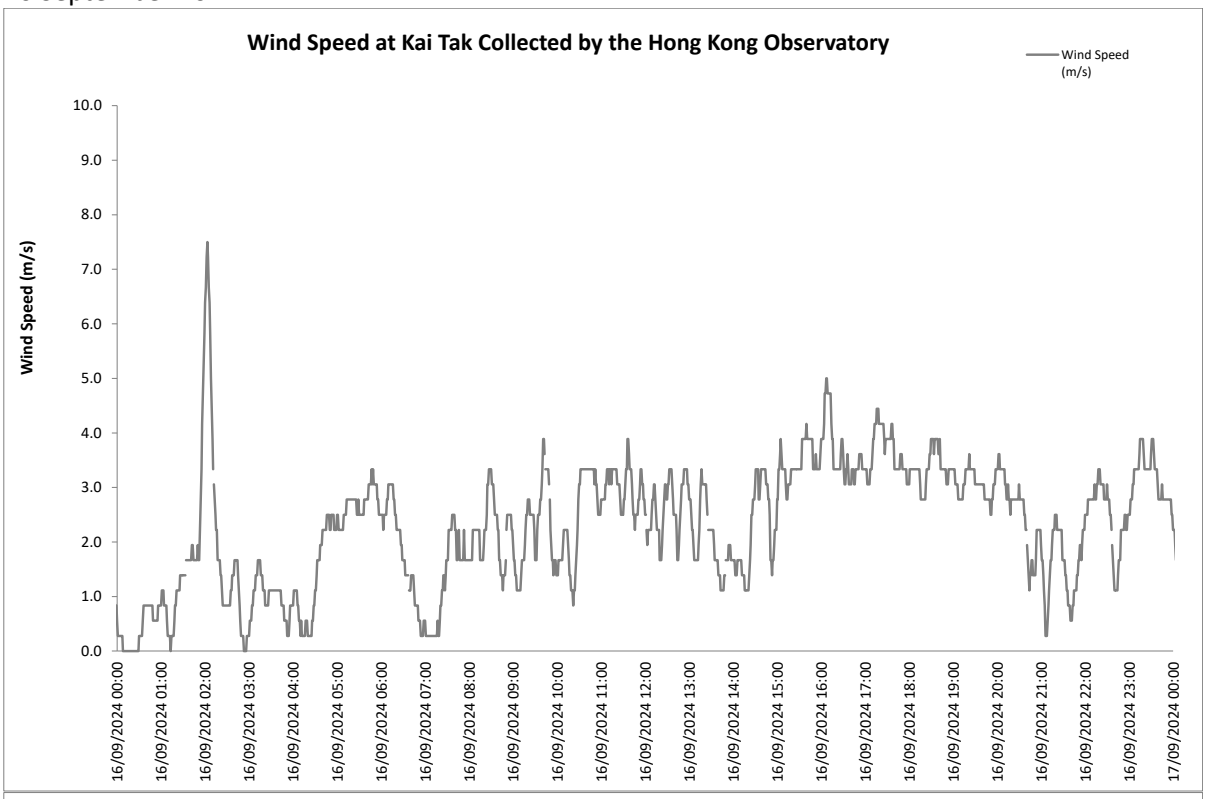


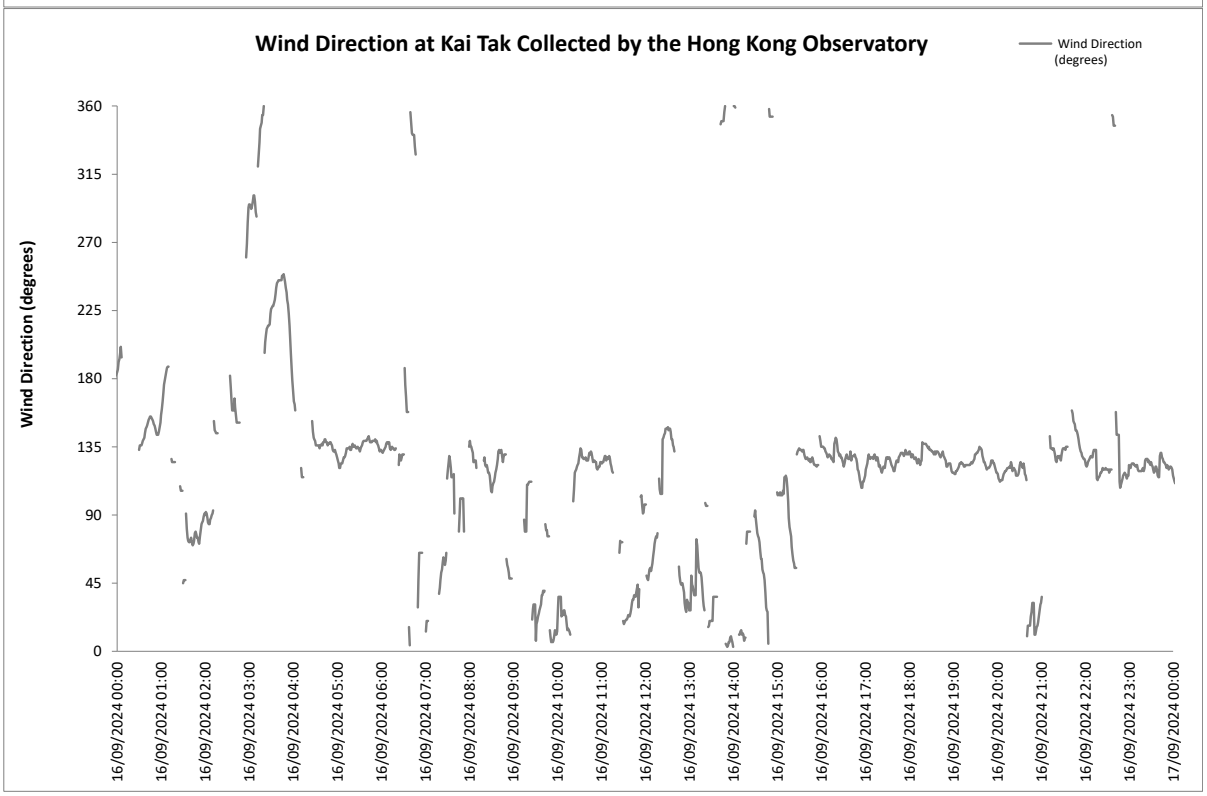
10 September 2024





16 September 2024





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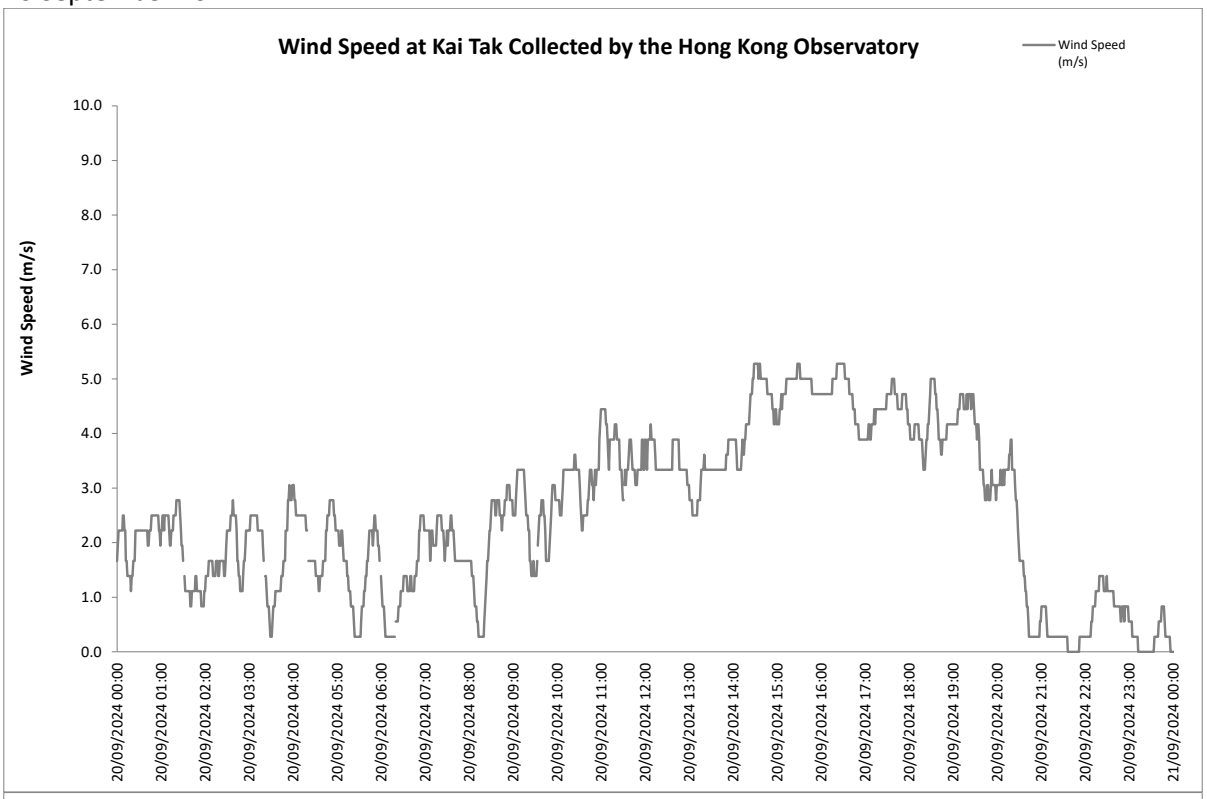
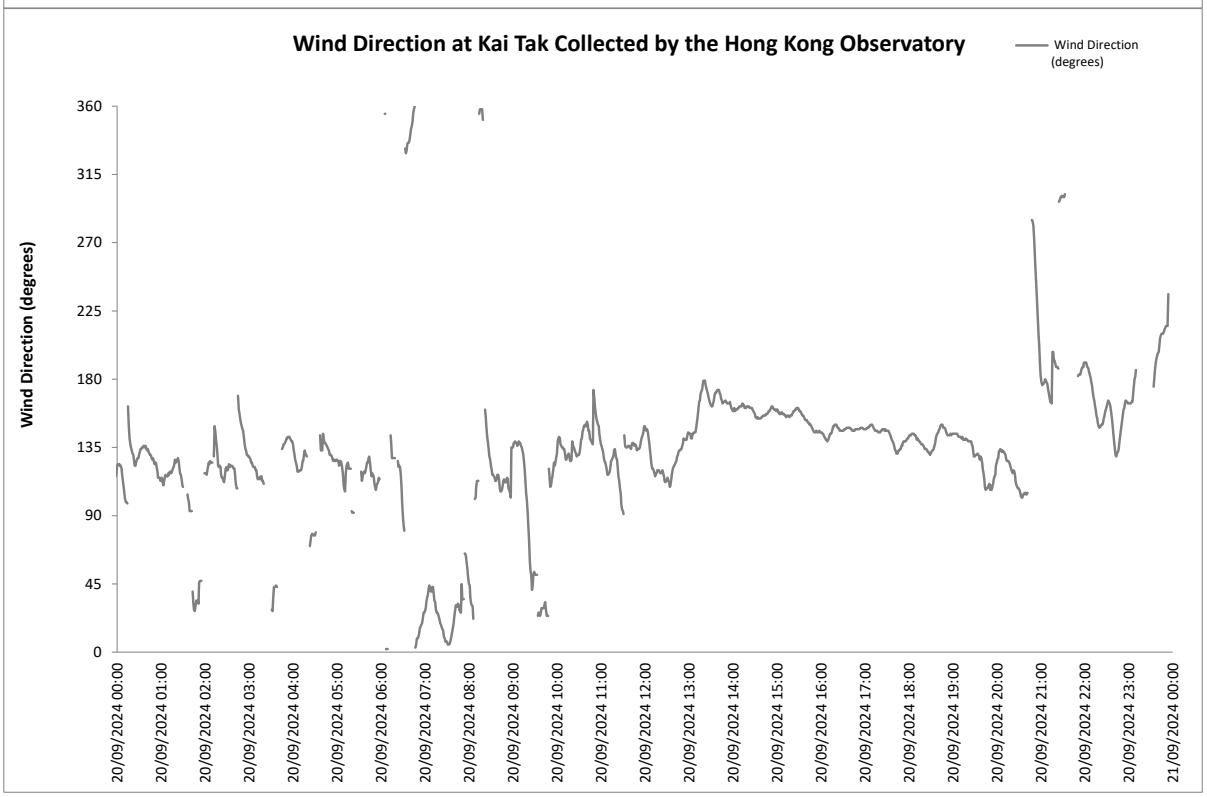
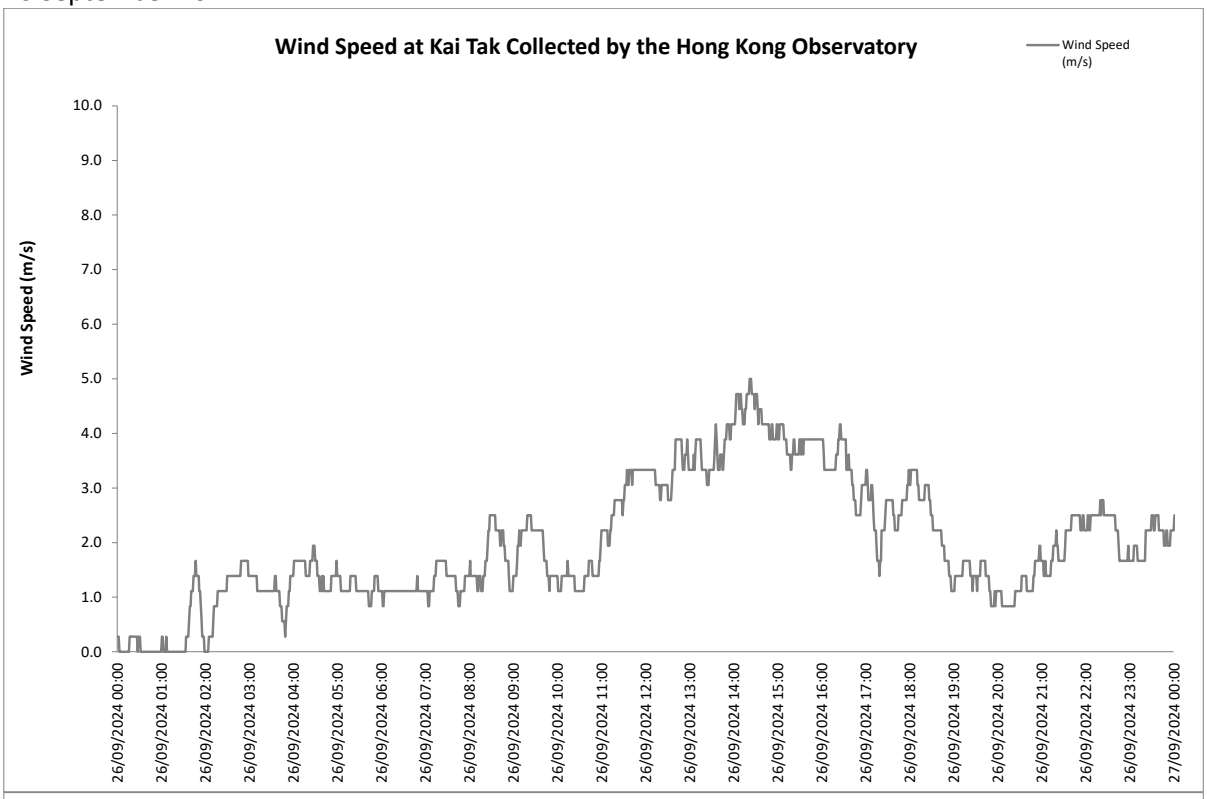
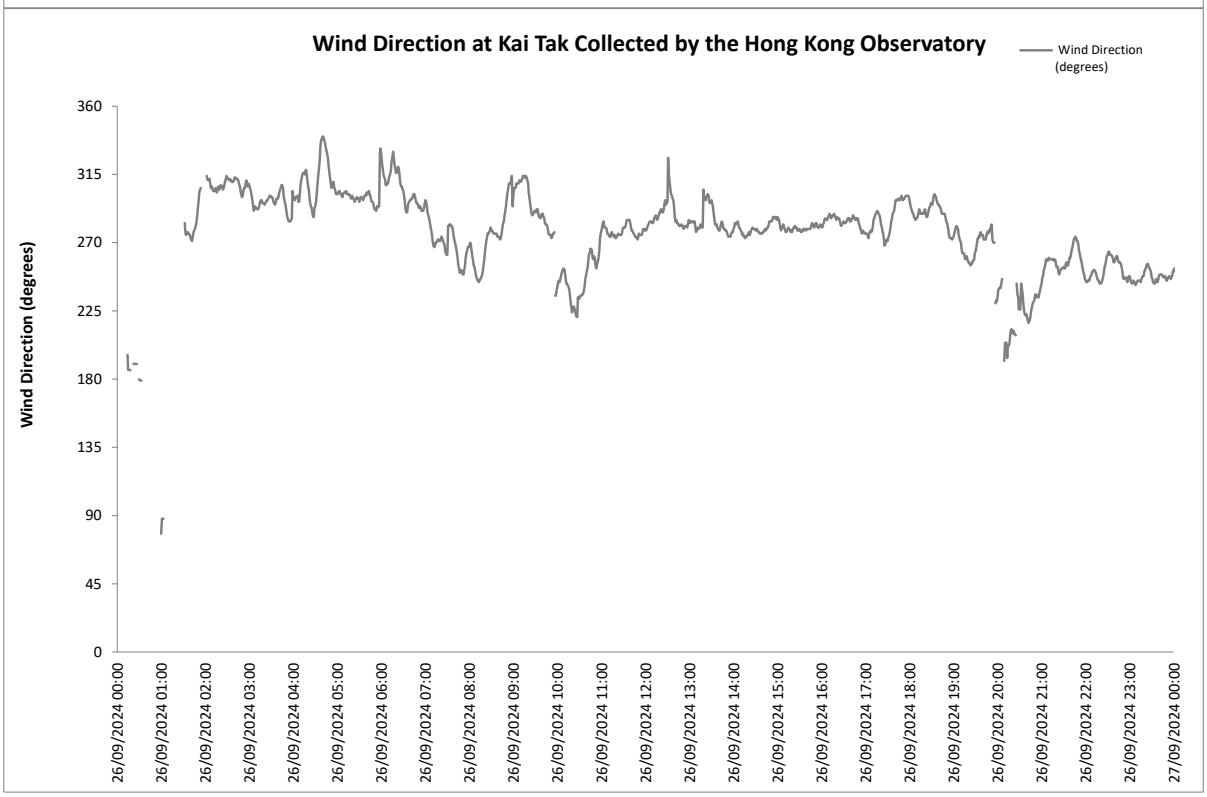




26 September 2024





Appendix G. Waste Flow Table

Project: Kai Tak Sport Park
Contract No.: HAB/ KTSP/ 01
Contract Title: Design, Construction and Operation of the Kai Tak Sports Park at Kai Tak, Kowloon City District, Hong Kong
Year of Record: 2019-2024

協興工程有限公司
HIP HING ENGINEERING CO LTD
新創建集團成員 Member of NWS Holdings

Monthly Waste Flow Table

Month	Total Quantity Generated	Total Quantity Generated (Excluded Excavated Material)	Actual Quantities of Inert C&D Materials Generated Monthly								Actual Quantities of C&D Materials Generated Monthly						Remarks
			Excavated Materials			Non-excavated Materials					Metals (steel bar / metal strip)[1]	Metals (aluminum can)[1]	Paper / cardboard packaging [1]	Plastics [1] & [4]	Chemical waste (wasted lubricant oil/ oil container)	Other, e.g. general refuse	
			Disposed in Public Fill	Disposed in Sorting Facilities	Others (e.g Reused in the Contract / Other Projects)	Broken Concrete or Construction Waste Collected by Recycled Company	Reused in the Contract	Reused in other Projects	Disposed in Public Fill	Disposed in Sorting Facilities							
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	
	a1	a2	b	b	b	c	d	e	f	g	h	i	j	k	l	m	
2019	43517.88	8326.30	35191.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	166.07	0.00	2.05	7.92	2.00	8148.27	
2020	811029.24	6341.58	49326.08	0.00	755361.58	0.00	0.00	0.00	0.00	0.00	3170.12	0.47	10.10	20.71	2.20	3137.98	
Jan-21	78129.57	1315.84	4253.06	0.00	72560.67	0.00	0.00	0.00	0.00	0.00	393.38	0.05	2.68	1.96	0.00	917.77	
Feb-21	70013.03	912.17	10767.60	0.00	58333.26	0.00	0.00	0.00	0.00	0.00	386.46	0.07	1.24	0.64	0.00	523.76	
Mar-21	51743.64	1314.81	18740.08	0.00	31688.75	0.00	0.00	0.00	0.00	0.00	320.13	0.12	2.08	2.45	0.00	990.03	
Apr-21	16431.34	1411.19	0.00	0.00	15020.15	0.00	0.00	0.00	0.00	0.00	467.54	0.02	1.84	1.70	0.00	940.09	
May-21	39675.06	1610.42	0.00	0.00	38064.64	0.00	0.00	0.00	0.00	0.00	442.35	0.00	1.31	2.81	0.00	1163.95	
Jun-21	56589.31	1812.39	0.00	0.00	54776.92	0.00	0.00	0.00	0.00	0.00	353.07	0.02	1.10	1.37	0.00	1456.83	
Jul-21	18264.19	2544.22	0.00	0.00	15719.97	0.00	0.00	0.00	0.00	0.00	383.64	0.00	1.55	3.36	0.00	2155.67	
Aug-21	7959.53	2028.39	4150.75	0.00	1780.39	0.00	0.00	0.00	0.00	0.00	326.91	0.00	1.28	1.40	0.00	1698.80	
Sep-21	32389.58	2259.89	30129.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	269.75	0.00	1.99	2.68	0.00	1985.47	
Oct-21	34559.10	2034.74	17144.35	0.00	15380.01	0.00	0.00	0.00	0.00	0.00	289.21	0.00	1.04	2.83	0.00	1741.66	
Nov-21	34821.07	2353.58	6551.45	0.00	25916.04	0.00	0.00	0.00	0.00	0.00	164.09	0.00	1.27	3.80	0.60	2183.82	
Dec-21	10648.02	2282.17	8365.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.27	0.00	1.54	0.69	0.00	2154.67	
Jan-22	6238.85	2367.85	3871.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.89	0.00	1.43	1.76	0.00	2233.77	
Feb-22	6654.84	1294.33	5360.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.11	0.00	0.51	0.00	0.00	1135.71	
Mar-22	27279.95	1820.78	25459.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162.33	0.00	0.81	0.85	0.00	1656.79	
Apr-22	15402.21	1792.21	13610.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.78	0.00	0.62	3.11	0.00	1751.70	
May-22	8425.54	2151.70	6273.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.12	0.00	0.61	1.47	0.00	2066.50	
Jun-22	8171.01	2700.44	5470.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	192.21	0.00	1.66	1.91	0.00	2504.66	
Jul-22	5804.34	2575.55	3228.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	238.36	0.00	1.56	4.87	0.00	2330.75	
Aug-22	11860.09	2557.97	9302.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.66	0.00	0.92	4.03	0.00	2414.36	
Sep-22	14721.29	2391.62	12329.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.67	0.00	0.52	5.72	0.00	2229.71	
Oct-22	12307.08	2428.20	9878.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.57	0.00	0.50	0.73	0.00	2411.40	
Nov-22	16034.69	2332.38	13702.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.73	0.00	1.07	1.24	0.00	2246.34	
Dec-22	21702.52	1944.12	19758.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.41	0.00	0.81	1.96	0.00	1926.94	
Jan-23	14065.32	1261.42	12803.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	1.54	0.00	1259.22	
Feb-23	17813.51	1729.85	16083.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	1.83	0.00	1726.59	
Mar-23	14767.87	2148.99	12618.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	3.68	0.00	2144.35	
Apr-23	13579.71	1411.83	12167.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	3.06	0.00	1407.97	
May-23	9704.79	1744.90	7959.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.05	0.00	0.32	4.02	0.00	1733.51	
Jun-23	8426.09	1558.40	6867.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.74	0.00	1.17	2.17	0.00	1544.32	
Jul-23	7550.66	1632.72	5917.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.05	0.00	1.46	2.62	0.00	1615.59	
Aug-23	9846.51	1561.03	8285.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	2.70	0.00	1557.90	
Sep-23	12162.88	1393.05	10769.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	1.63	0.00	1389.71	
Oct-23	13388.21	1474.11	11914.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	5.02	0.00	1468.09	
Nov-23	19026.41	2051.04	16975.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	204.20	0.00	0.20	6.40	0.00	1840.23	
Dec-23	18201.46	1789.64	16411.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.31	0.00	0.00	4.38	0.00	1769.95	
Jan-24	20113.41	1685.40	18428.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.57	0.00	0.29	5.50	0.00	1668.04	
Feb-24	13274.14	898.67	12375.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.73	0.00	0.00	5.47	0.00	883.47	
Mar-24	15225.55	1537.94	13687.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	5.37	0.00	1532.37	
Apr-24	13965.14	1614.05	12351.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	6.07	0.00	1607.56	
May-24	6791.26	1238.65	5552.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	7.00	0.00	1231.09	
Jun-24	7715.02	1534.23	6180.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	6.64	0.00	1527.00	
Jul-24	6966.17	1189.79	5776.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.36	0.00	1182.43	
Aug-24	8660.75	1630.63	7030.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	4.58	0.00	1624.88	
Sep-24	10036.63	1188.71	8847.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	6.19	11.22	1170.52	
Total	1721654.44	95179.88	541872.20	0.00	1084602.38	0.00	0.00	0.00	0.00	0.00	8939.48	0.75	56.22	175.20	16.02	85992.19	

Total C&D waste generated	1721654.44	tonne	a1=b+c+d+e+f+g+h+i+j+k+l+m
Total C&D waste generated (excluding excavated materials)	95179.88	tonne	a2=c+d+e+f+g+h+i+j+k+l+m
Total recycled C&D waste	9171.66	tonne	a3=c+d+e+h+i+j+k
% of recycled C&D waste for BEAM Plus MA10 or MA11	9.64	%	a4=a3/a2 x 100%

Notes:
(1) Metal, paper & plastic were collected by recycler.
(2) The performance target of waste recycling are specified in the Contract.
(3) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
(4) Plastics refer to plastic bottles/ containers, plastic/ foam from packaging material.
(5) Broken concrete for recycling into aggregates.
(6) Excavated materials/waste will NOT be considered as part of construction waste. It should be excluded in the calculation.
(7) Disposal of inert waste to public fill or sorting facilities will NOT be considered as recycled waste.
(8)Disposal record for July 2024 and August 2024 have been updated according to the latest information from contractor in September 2024.
(9)Recycling record for metals, papers and plastics have been updated according to the latest information from contractor in September 2024.

Project: Proposed Composite Development at NKIL 6607,Shing Kai Road, Kai Tak, Kowloon

Company: Hip Hing Construction Co., Ltd.

Monthly Summary Waste Flow Table

Month	Total Quantities Generated	Total Quantities Generated (excluded excavated material)	Accumulated Quantities of Inert C&D Materials Generated					Accumulated Quantities of Non-inert C&D Wastes Generated						
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
			Broken Concrete Recycled	Broken Concrete Diverted to Public Fill	Excavated Materials Reused in this Project	Excavated Materials Reused in other Projects	Excavated Materials Disposed as Public Fill	Mixed Wastes Diverted to Sorting Facility	Metals Recycled	Paper/ Cardboard Packaging Recycled	Timber/Wood Pallet Recycled	Plastics Recycled	Chemical Waste Collected	Others, e.g. General Refuse Disposed at Landfill
	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)	(in'000 kg)
Aug-21	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Sep-21	1550.68	0.00	0	0	0	1550.68	0.00	0.00	0.00	0.00	0	0	0	0.00
Oct-21	3691.90	28.13	0	0	0	3663.77	0.00	0.00	13.17	0.00	0	0	0	14.96
Nov-21	5447.65	68.57	0	0	0	5309.20	69.88	6.05	32.40	0.00	0	0	0	30.12
Dec-21	400.90	180.45	0	0	0	63.20	157.25	0.00	138.58	0.00	0	0	0	41.87
Jan-22	1454.58	288.36	0	0	0	493.40	672.82	27.52	245.57	0.00	0	0	0	15.27
Feb-22	241.23	207.42	0	0	0	0.00	33.81	4.65	177.65	0.05	0	0	0	25.07
Mar-22	1717.06	373.58	0	0	0	0.00	1343.48	89.56	265.79	0.00	0	0	0	18.23
Apr-22	1657.01	788.84	0	0	0	0.00	868.17	87.83	684.33	0.00	0	0	0	16.68
May-22	1260.80	124.46	0	0	0	0.00	1136.34	102.49	21.97	0.00	0	0	0	0.00
Jun-22	464.11	77.27	0	0	0	0.00	386.84	55.75	21.43	0.09	0	0	0	0.00
Jul-22	813.76	98.52	0	0	0	0.00	715.24	58.30	32.29	0.00	0	0	0	7.93
Aug-22	442.84	55.11	0	0	0	0.00	387.73	54.95	0.00	0.16	0	0	0	0.00
Sep-22	786.99	91.80	0	0	0	0.00	695.19	91.80	0.00	0.00	0	0	0	0.00
Oct-22	1428.67	157.88	0	0	0	0.00	1270.79	154.05	0.00	0.00	0	0	0	3.83
Nov-22	2134.86	174.01	0	0	0	0.00	1960.85	147.07	0.00	0.63	0	0	0	26.31
Dec-22	864.13	212.59	0	0	0	0.00	651.54	198.44	0.00	0.00	0	0	0	14.15
Jan-23	885.60	135.88	0	0	0	0.00	749.72	133.59	0.00	0.00	0	0	0	2.29
Feb-23	1286.59	225.50	0	0	0	0.00	1061.09	181.53	24.35	0.52	0	0	0	19.10
Mar-23	691.22	253.47	0	0	0	0.00	437.75	149.17	71.86	0.16	0	0	0	32.28
Apr-23	3744.20	56.11	0	0	0	0.00	3688.09	30.39	0.00	0.28	0	0	0	25.44
May-23	2344.73	127.50	0	0	0	0.00	2217.23	121.58	0.00	0.00	0	0	0	5.92
Jun-23	184.99	84.02	0	0	0	0.00	100.97	82.67	0.00	0.00	0	0	0	1.35
Jul-23	465.69	79.17	0	0	0	0.00	386.52	74.46	0.00	0.00	0	0	0	4.71
Aug-23	92.13	92.13	0	0	0	0.00	0.00	83.60	0.00	0.00	0	0	0	8.53
Sep-23	114.83	101.37	0	0	0	0.00	13.46	94.65	0.00	0.20	0	0	0	6.52
Oct-23	143.00	121.62	0	0	0	0.00	21.38	112.81	0.00	0.16	0	0	0	8.65
Nov-23	106.87	106.87	0	0	0	0.00	0.00	98.35	0.00	0.00	0	0	0	8.52
Dec-23	169.09	43.68	0	0	0	0.00	125.41	42.12	0.00	0.00	0	0	0	1.56
Jan-24	339.23	24.43	0	0	0	0.00	314.80	22.15	0.00	0.00	0	0	0	2.28
Feb-24	16.43	16.43	0	0	0	0.00	0.00	10.25	0.00	0.00	0	0	0	6.18
Mar-24	42.68	22.19	0	0	0	0.00	20.49	17.77	0.00	0.00	0	0	0	4.42
Apr-24	20.41	15.13	0	0	0	0.00	5.28	5.70	0.00	0.00	0	0	0	9.43
May-24	36.80	36.80	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	36.80
Jun-24	42.54	42.54	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	42.54
Jul-24	52.35	52.35	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	52.35
Aug-24	44.12	44.12	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	44.12
Sep-24	30.70	30.70	0	0	0	0.00	0.00	0.00	0.00	0.00	0	0	0	30.70
Total	**35211.37**	**4639.00**	**0**	**0**	**0**	**11080.25**	**19492.12**	**2339.25**	**1729.39**	**2.24**	**0.00**	**0.00**	**0.00**	**568.11**

Total C&D Waste generated 35211.37 Tons

Total C&D waste generated (Excluded excavated materials) 4639.00 Tons

Total C&D waste recycled 1731.64 Tons

$$\text{Waste Recycling Rate} = \frac{(a) + (g) + (h) + (i) + (j)}{(a) + (b) + (f) + (g) + (h) + (i) + (j) + (l)} \times 100\% = 37.33\%$$

Note:

For BEAM Plus certification scheme, excavated materials are excluded from the calculation of the waste reduction rate Record with Underlined indicated updated content

Appendix H. Environmental Licences and Permits

Table H.1: Summary of Environmental Licences and Permits Status (KTSP)

Item No.	Type of Permit / Licence	Reference No.	Application Date	Valid from	Valid until	Remark
1	Environmental Permit under EIAO	EP-544/2017	21 Aug 2017	8 Sep 2017	N/A	Issued
2	Construction Dust Notification under APCO	441733	25 Jan 2019	29 Jan 2019	N/A	N/A
3	Construction Waste Disposal Account (Main)	7033182	12 Feb 2019	12 Feb 2019	N/A	N/A
4	Registration as a Chemical Waste Producer	WPN5213-286-H3906-02	29 Jan 2019	12 Feb 2019	N/A	N/A
5	Discharge Licence under WPCO	WT10002906 - 2024	7 Feb 2024	1 Jul 2024	30 Jun 2029	Issued
6	Construction Noise Permit (Construction Works, Southern Site)	GW-RE0440-24	22 Mar 2024	20 Apr 2024	19 Aug 2024	Superseded by GW-RE0912-24 on 20 Aug 2024
7	Construction Noise Permit (Construction Works, Northern Site)	GW-RE0498-24	8 Apr 2024	30 Apr 2024	29 Aug 2024	Superseded by GW-RE1008-24 on 30 Aug 2024
8	Construction Noise Permit (Special Shing Kai Road)	GW-RE0788-24	17 Jun 2024	2 Jul 2024	31 Jul 2024	Issued
9	Construction Noise Permit (Construction Works, Southern Site)	GW-RE0912-24	17 Jul 2024	20 Aug 2024	19 Feb 2025	Issued
10	Construction Noise Permit (Special Shing Kai Road)	GW-RE0913-24	19 Jul 2024	5 Aug 2024	30 Aug 2024	Superseded by GW-RE1102-24 on 2 Sep 2024

Item No.	Type of Permit / Licence	Reference No.	Application Date	Valid from	Valid until	Remark
11	Construction Noise Permit (Construction Works, Northern Site)	GW-RE1008-24	5 Aug 2024	30 Aug 2024	28 Feb 2025	Issued
12	Construction Noise Permit (Special Shing Kai Road)	GW-RE1102-24	26 Aug 2024	2 Sep 2024	31 Oct 2024	Issued

Table H.2: Summary of Environmental Licences and Permits Status (H/O Development)

Item No.	Type of Permit / Licence	Reference No.	Application Date	Valid from	Valid until	Remark
1	Environmental Permit under EIAO	EP-544/2017	21 Aug 2017	8 Sep 2017	N/A	Issued
2	Construction Dust Notification under APCO	458255	17 Jul 2020	17 Jul 2020	N/A	N/A
		470045	29 Jul 2021	29 Jul 2021	N/A	N/A
3	Construction Waste Disposal Account (Main)	7041267	29 Jul 2021	11 Aug 2021	N/A	Issued
4	Registration as a Chemical Waste Producer	WPN5211-286-H1103-23	29 Jul 2021	24 Aug 2021	N/A	Issued
5	Discharge Licence under WPCO	WT00039490-2021	6 Aug 2021	9 Nov 2021	30 Nov 2026	Issued

Appendix I. Environmental Mitigation Measures Implementation Status

Air Quality – Recommended Mitigation Measures

Air Quality Mitigation Measures during construction	Implementation Status	
	KTSP	H/O
• Good housekeeping to minimize dust generation, e.g. by properly handling and storing dusty materials	✓	✓
• Store cement in shelter with 3 sides and the top covered by impervious materials if the stack exceeds 20 bags	✓	✓
• Cement 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	N/A	N/A
• Loading, unloading, transfer, handling or storage of bulk cement should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system	✓	✓
• Dusty materials (e.g. debris) should be wetted by misting / water-spraying before any loading, unloading, transfer or transport operation	✓	✓
• Any skip hoist for material transport should be fully enclosed by impervious sheeting	✓	✓
• 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	P	✓
• 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 to maintain the entire surface wet	✓	✓
• Excavation area should be minimized as far as possible	✓	✓
• Stockpile of dusty materials should not be extended beyond the pedestrian barriers, fencing or traffic cones	✓	✓
• 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, backfilled or reinstated where practicable within 24 hours of the excavation or unloading	P	✓
• Dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads	✓	✓
• Properly fitted side and tail boards are necessary for any vehicle with open load area	✓	✓
• While transporting materials that potentially create dust (e.g. debris), materials should not be loaded higher than side and tail boards, and should be fully covered by tarpaulin or similar materials which extent at least 300 mm over the edges of the side and tail boards to prevent leakage.	✓	✓
• Limit the maximum vehicle speed within the site to 10km/hr	✓	✓
• Haulage and delivery vehicles should be confined to designated roads	✓	✓
• Every main haul road should either be 1.) paved with concrete and kept clear of dusty materials, or 2.) sprayed or watered to maintain the entire road surface wet	P	✓
• All on-site unpaved roads should be compacted and kept free of lose materials as possible	✓	✓
• Provide vehicle washing (e.g. wheel washing bay & high pressure water jet where practicable) at every vehicle exit point for cleaning vehicle body and wheels	✓	✓
• The vehicle washing area and the road between washing area and site exit should be paved with concrete, bituminous or other hardcores	✓	✓
• 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.	✓	✓
• Dusty materials on every vehicle's body and wheels should be removed in washing area before leaving the site	✓	✓

• Regular maintenance of all plant equipment	✓	✓
• Throttle down or switch off unused machines or machine in intermittent use	✓	✓
• If the site is adjacent to area where accessible to the public (e.g. road and service lane etc.), hoarding of not less than 2.4 m high from ground level should be erected along the adjoining the entire length of that portion of the site boundary, except for a site entrance or exit. The hoarding should be well maintained throughout the construction period.	✓	✓
• 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	✓	N/A
• 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	✓	✓
• Carry out air quality monitoring throughout the construction period	✓	✓
• Carry out weekly site inspection to audit the implementation of mitigation measures	✓	✓
• Regular watering once per hour on exposed worksites and haul road with an equivalent intensity of not less than 1.3L/m3 to achieve 91.7% dust removal efficiency.	✓	✓
• Provision of electrical vehicle (EV) charging facilities in at least one-third of the car parking spaces for private cars. Provision of EV charging enabling facilities in all car parking spaces provided for private cars.	✓	✓
Non-Road Mobile Machinery (NRMMs)		
• All NRMMs operated on-site are approved or exempted (as the case may be) and affixed with the requisite approval/exemption labels under the Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation or are in the process of application for such approval/exemption during the relevant grace period.	P	P

Noise – Recommended Mitigation Measures

Noise Mitigation Measures during construction	Implementation Status	
	KTSP	H/O
• Adopt good site practice, such as throttle down or switch off equipment unused or intermittently used between works	✓	✓
• Regular maintenance of equipment to prevent noise emission due to impair	✓	✓
• Position mobile noisy equipment in locations away from NSRs and point the noise sources to directions away from NSRs	✓	✓
• Use silencer or muffler for equipment	✓	✓
• Make good use structures for noise screening	✓	✓
• Use Quality Powered Mechanical Equipment (QPME) and quiet equipment which produces lower noise level.	✓	✓
• Erect movable noise barrier of 3m height to shed large plant equipment (e.g. breaker, backhoe & mobile crane) or hand-held items (e.g. poker, wood saw, power rammer & compactor) near low-rise NSR. Where necessary, special design (e.g. with noise absorbing material or bend top) should be adopted. The barrier's length should be at least five times greater than its height, and the minimum surface density is 10 kg/m2. Alternatively, acoustic shed, enclosure or silencer (for generator, air compressor and concrete pump) or acoustic mat (for piling) can be adopted.	N/A	N/A
• Carry out regular site inspection to audit the implementation of mitigation measures	✓	✓
• Carry out noise monitoring throughout the construction period	✓	✓

Water Quality – Recommended Mitigation Measures

Water Quality Mitigation Measures during construction	Implementation Status	
	KTSP	H/O
• Practices outlined in ProPECC PN 1/94 Construction Site Drainage should be adopted.	✓	✓
• Install perimeter channels in the works areas to intercept runoff from boundary prior to the commencement of any earthwork	✓	✓
• To prevent storm runoff from washing across exposed soil surfaces, intercepting channels should be provided.	✓	✓
• Drainage channels are required to convey site runoff to sand/silt traps and oil interceptors. Provision of regular cleaning and maintenance to ensure the normal operation of these facilities throughout the construction period.	✓	✓
• Any practical options for the diversion and realignment of drainage should comply with both engineering and environmental requirements	✓	✓
• Minimum distances of 100 m should be maintained between the discharge points of construction site runoff and the existing WSD saltwater intake and EMSD cooling water intake.	✓	✓
• The following good site measures should be adopted for the use of the existing barging facilities being operated by the MTR SCL Project: - All vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash. - All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material. - Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site. - Loading of barges and hoppers should be controlled to prevent splashing of material into the surrounding water. - Barges or hoppers should not be filled to a level that will cause the overflow of materials or polluted water during loading or transportation. Whole construction site Contractor P WPCO, EIAO-TM Page	N/A	N/A
• The runoff and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the TM-DSS.	✓	✓
• Reuse and recycling of the treated effluent from construction site runoff.	✓	✓
• Weekly site audit should be carried out to check the implementation status of the recommended water quality impact mitigation measures throughout construction period.	✓	✓
• The construction programme should be properly planned to minimise soil excavation, if any, in rainy seasons.	✓	✓
• Any exposed soil surfaces should be properly protected to minimise dust emission.	✓	✓
• In areas where a large amount of exposed soils exist, earth bunds or sand bags should be provided.	✓	✓
• Exposed stockpiles should be covered with tarpaulin or impervious sheets at all times.	✓	✓
• The stockpiles of materials should be placed at locations away from any stream courses so as to avoid releasing materials into the water bodies.	✓	✓
• Final surfaces of earthworks should be compacted and protected by permanent work.	✓	✓
• Haul roads should be paved with concrete and the temporary access roads protected using crushed stone or gravel, wherever practicable.	✓	✓
• Wheel washing facilities should be provided at all site exits to ensure that earth, mud and debris would not be carried out of the works areas by vehicles.	✓	✓
• Good site practices should be adopted to keep the site dry and tidy, such as clean the rubbish and litter on the construction sites.	P	✓
• Adequate temporary site drainage and pumping should be provided, if necessary.	P	✓
• Provide sufficient temporary toilets in the works areas. The toilet facilities should be more than 30 m from any watercourse. A licensed waste collector should be deployed to clean the temporary 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 nearby environment during the construction phase of the Project.	✓	✓

• 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 in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	✓	✓
• 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.	✓	✓
• Clean the construction sites on a regular basis.	✓	✓
• Oil interceptor in car parking area shall be designed and constructed according to Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers, APP-46 (PNAP 124)	✓	N/A
• Provide two sequential storage tanks to contain surface water with residual fertilizers and pesticides and third holding tank for incidental rainstorm	N/A	N/A
Sewerage and Sewage Treatment Implications		
• Implementation of Sewer No. 1 and Sewer No.2 as proposed in Sections 7.2.2 - 7.2.3 of the EIA Report	✓	✓

Waste Management – Recommended Mitigation Measures

Waste Management Mitigation Measures during construction	Implementation Status	
	KTSP	H/O
• Inert C&D materials (or public fills) will be used to form the ramps and other filling area as far as civil engineering design permits.	✓	✓
• The contractor should formulate waste management measures on waste minimization, storage, handling and disposal in a Waste Management Plan as part of Environmental Management Plan.	✓	✓
• Adopt good site practice as follows: - Provide training to workers on site cleanliness, waste management (waste reduction, reuse and recycle) and chemical handling procedures - Provide sufficient waste collection points and regular removal - Cover waste materials with tarpaulin or in enclosure during transportation - Maintain drainage systems, sumps and oil interceptors - Sort out chemical waste for proper handling and treatment onsite or offsite	P	P
• Adopt waste reduction measures as follows: - Allocate area/containers for sorting, recovering and storing waste for reuse, recycle or disposal (e.g. demolition debris and excavated materials, general refuse like aluminium cans.) Remove waste from the Site for sorting once generated if no suitable space can be identified. - Allocate area for proper storage of construction materials to prevent contamination - Minimize wastage through careful planning and avoiding over-purchase of construction materials	✓	✓
• Store waste materials properly as follows: - Avoid contamination by proper handling and storing waste - Prevent erosion by covering waste - Apply water spray on excavated materials - Maintain and clean storage area regularly - Sort and stockpile different materials at designated location to enhance reuse	P	✓
• Apply for relevant waste disposal permits in accordance with the Waste Disposal Ordinance (Cap. 354), Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 345) and the Land (Miscellaneous Provisions) Ordinance (Cap. 28), Dumping at Sea Ordinance (Cap. 466).	✓	✓
• Hire licensed waste disposal contractors for waste collection and removal. Dispose waste at licensed waste disposal facilities.	✓	✓
• Implement trip-ticket system for recording the amount of waste generated, recycled and disposed, including chemical wastes	✓	✓
• Reduce water content in wet spoil generated from piling work by mixing with dry materials. Only dispose treated spoil with less than 25% dry density to Public Fill Reception Facilities	✓	✓

• Dispose dry waste or waste with less than 70% water content by weight to landfill	✓	✓
• Follow the Code of Practice on the Packaging, Labelling and Storage of Chemical Waste as follows: - Store chemical wastes with suitable containers. Seal and maintain the container to avoid leakage or spillage during storage, handling and transport - Label chemical waste containers in both English and Chinese with instructions in accordance to Schedule 2 of the Waste Disposal (Chemical Waste) (General) Regulation - The container capacity should be smaller than 450 litres unless agreed by the EPD	✓	✓
• Comply with the requirement of the chemical storage area: - Store only chemical waste and label clearly the chemical characters of the waste - Have at least 3 sides enclosed and protected from rainfall with cover - Provide sufficient ventilation - Have impermeable floor and has bunds to contain 110% of the capacity of the largest container or 20% of the total volume of the stored waste in the area, whichever is larger - Adequately spaced incompatible materials	P	✓
• Transfer used lubricants, waste oils and other chemicals to oil recycling companies, if possible, and empty oil drums for reuse or refill. No direct or indirect discharge is permitted	✓	✓
• Hire licensed chemical waste disposal contractors for waste collection and removal. Dispose chemical waste at the approved Chemical Waste Treatment Centre at Tsing Yi or other licensed facility	✓	✓
• Hire reputable waste collector to separately collect and dispose general refuse from other wastes. Cover the waste to prevent being blown away	✓	✓
• The hauling of C&D materials shall follow established environmental mitigation measures as stated in Practice Note for Registered Contractors No. 17 “Control of Environmental Nuisance from Construction Sites” issued by the Buildings Department	✓	✓
• Provide recycling bins for sorting out recyclables for collection by recycling companies. Non-recyclables should be removed to designated landfills every day by licensed collectors to prevent environmental and health nuisance.	✓	✓
• Organize training and reminders to site staff on waste minimization through avoidance and reduction, reusing and recycling	✓	✓
• Bentonite slurry which will not be reused shall be disposed of from the Site as soon as possible. Residual used dewatered bentonite slurry should be disposed to a public filling area and liquid bentonite slurry if mixed with inert fill material should be disposed to a public filling area.	N/A	N/A
• 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 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	✓	✓
• Carry out weekly site inspection to check the implementation status of the recommended waste management measures.	✓	✓
• The barging of C&DM for this Project shall use the existing Kai Tak Barging Facility (KTBF), or otherwise approved by the Director.	N/A	N/A

Ecology – Recommended Mitigation Measures

Ecology Mitigation Measures during construction	Implementation Status	
	KTSP	H/O
• Erection of hoarding, fencing or provision of clear demarcation of work zone	✓	✓
• Designate areas for placement of equipment, building materials and wastes away from drainage channels	✓	✓

• Carry out weekly site inspection to check the implementation status and the effectiveness of the proposed mitigation measures	✓	✓

Landscape and Visual – Recommended Mitigation Measures

Landscape and Visual Mitigation Measures during construction	Implementation Status KTSP	H/O
• Construction Lighting Control - All security floodlights for construction sites should be equipped with adjustable shields, frosted diffusers and reflective covers, and be controlled to minimize light pollution and night-time glare to the visual sensitive receivers (VSRs).	✓	✓
• Temporary Landscape Treatments - Including vertical greening, pot planting and application of green roofing to site offices, Hydroseeding of site formation areas and short term greening of site boundaries and land not immediately developed.	✓	N/A
• Decoration of Hoarding - Erection of screen hoardings should be designed appropriately to be compatible with the existing urban context, either brightly and imaginatively or with visually unobtrusive design and colours where more appropriate.	✓	✓
• All security floodlights for construction sites shall be equipped with adjustable shield, frosted diffusers and reflective covers, and be carefully controlled to minimize light pollution and night-time glare to nearby receivers	✓	N/A
• Site inspection should be undertaken once every two weeks.	✓	✓
• Compensatory Tree Planting - A new parkland area is created in the project development to be used for the implementation of compensatory tree planting to offset the net loss of key landscape resources. It is recommended that 340 trees be planted in this regard and a compensatory tree planting proposal outlining the locations of tree compensation will be submitted separately in seeking relevant government department's approval in accordance with DEVB TC No.7/2015.	✓	N/A

Other – Recommended Mitigation Measures

• Relevant environmental permits/licences should be posted at all vehicle entrances/exits.	✓	✓

Legend:
✓ Implemented
× Not implemented
P Partially implemented
N/A Not applicable

Appendix J. Statistics on Environmental Complaints, Notification of Summons and Successful Prosecutions

Table J.1: Statistics on Environmental Complaints, Notifications of Summons and Successful Prosecutions

Reporting Period	Complaints	Notifications of Summons	Successful Prosecutions
This reporting period (Jul to Sep 2024)	2	0	0
From commencement date of construction to end of reporting month	41	0	0

Appendix K. Calibration Certificate

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

SUB-CONTRACTING REPORT

CONTACT	: MR MAGNUM FAN	WORK ORDER	: HK2351432
CLIENT	: ENVIROTECH SERVICES CO.		
ADDRESS	: RM 712, 7/F, MY LOFT 9 HOI WING ROAD, TUEN MUN, N.T. HK	SUB-BATCH	: 1
		DATE RECEIVED	: 18-DEC-2023
		DATE OF ISSUE	: 27-DEC-2023
PROJECT	: ----	NO. OF SAMPLES	: 1
		CLIENT ORDER	: ----

General Comments

- Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.
- Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.
- Calibration was subcontracted to Envirotech Services Company.
- Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in ambient condition.

Signatories

This document has been signed by those names that appear on this report and are the authorised signatories

Signatories	Position
Richard Fung	Managing Director

This report supersedes any previous report(s) with the same work order number.

All pages of this report have been checked and approved for release.

ALS Technichem (HK) Pty Ltd
Part of the ALS Laboratory Group

11/F Chung Shun Knitting Centre 1 - 3 Wing Yip Street Kwai Chung N.T. Hong Kong
Tel. +852 2610 1044 Fax +852 2610 2021 www.alsglobal.com

WORK ORDER	: HK2351432
SUB-BATCH	: 1
CLIENT	: ENVIROTECH SERVICES CO.
PROJECT	: ----

ALS Lab ID	Client's Sample ID	Sample Type	Sample Date	External Lab Report No.
HK2351432-001	Sibata LD-3B (235780)	Equipments	09-Dec-2023	S/N: 235780

Envirotech Services Co.
Rm. 712, 7/F
My Loft,
9 Hoi Wing Road,
Tuen Mun, H.K.
Tel : 2580 8460
Fax : 2580 8563
E-mail: envirotech@netvigator.com

Equipment Verification Report (TSP)

Equipment Calibrated:

Type:	Laser Dust Monitor
Manufacturer:	Sibata LD-3B
Serial No.:	235780
Equipment Ref.:	N/A
ALS Job Order:	HK2349963

Standard Equipment

Standard Equipment:	High Volume Sampler (TSP)
Location :	Envirotech Room (Calibration Room)
Equipment Ref.:	HVS 8162
Last Calibration Date:	13-Oct-2023

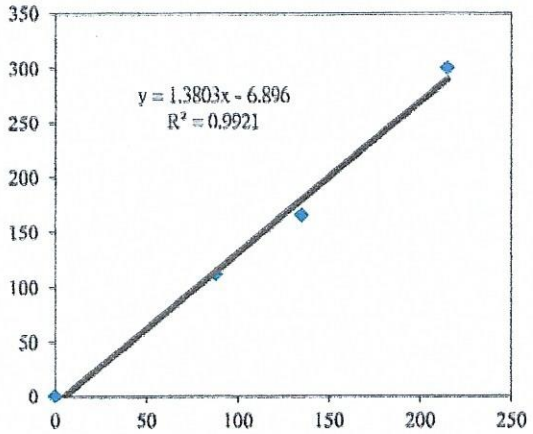
Equipment Verification Results:

Verification Date: 9-Dec-2023

Hour	Time	Mean Temp °C	Mean Pressure (hpa)	Concentration in µg/m³ (Standard Equipment) Y(axis)	Concentration in µg/m³ (Calibrated Equipment) x(axis)
1hr 00mins	1010-1110	26.5	1016.0	112	88
2hr 00mins	1300-1500	26.2	1015.5	165	135
3hr 00mins	1505-1805	26.2	1015.5	300	215

Linear Regression of Y or X

Slope (K-factor):	1.3803(µg/m³)/CPM
Correlation Coefficient (R):	0.9960
Date of Issue:	15-Dec-2023



Remarks:

1 . Strong Correlation (>0.8)

2. Factor 1.3803 (µg/m³)/CPM should be applied for TSP monitoring

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

Operator: P.F.Yeung Signature F.F.Y Date: 15 December 2023

QC Reviewer: K.F.Ho Signature Fat Date: 15 December 2023

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

SUB-CONTRACTING REPORT

CONTACT	: MR MAGNUM FAN	WORK ORDER	: HK2419604
CLIENT	: ENVIROTECH SERVICES CO.		
ADDRESS	: RM 712, 7/F, MY LOFT 9 HOI WING ROAD, TUEN MUN, N.T. HK	SUB-BATCH	: 1
		DATE RECEIVED	: 20-MAY-2024
		DATE OF ISSUE	: 24-MAY-2024
PROJECT	: ----	NO. OF SAMPLES	: 1
		CLIENT ORDER	: ----

General Comments

- Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.
- Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.
- Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in ambient condition.
- Calibration was subcontracted to Envirotech Services Company.

Signatories

This document has been signed by those names that appear on this report and are the authorised signatories

Signatories	*Position*
Richard Fung	Managing Director

This report supersedes any previous report(s) with the same work order number.

All pages of this report have been checked and approved for release.

ALS Technichem (HK) Pty Ltd
Part of the ALS Laboratory Group

11/F Chung Shun Knitting Centre 1 - 3 Wing Yip Street Kwai Chung N T Hong Kong
Tel. +852 2610 1044 Fax +852 2610 2021 www.alsglobal.com

ALS Lab ID	Client's Sample ID	Sample Type	Sample Date	External Lab Report No.
HK2419604-001	Sibata LD-3B (235786)	Equipments	11-May-2024	S/N: 235786

-------- END OF REPORT --------

Envirotech Services Co.

Rm. 712, 7/F
My Loft,
9 Hoi Wing Road,
Tuen Mun, H.K.
Tel : 2640 8460
Fax : 2640 6553
E-mail: envirotech@netvigator.com

Equipment Verification Report (TSP)

Equipment Calibrated:

Type:	Laser Dust Monitor
Manufacturer:	Sibata LD-3B
Serial No.:	235786
Equipment Ref.:	N/A
ALS Job Order:	HK2418944

Standard Equipment

Standard Equipment:	High Volume Sampler (TSP)
Location :	Envirotech Room (Calibration Room)
Equipment Ref.:	HVS 8162
Last Calibration Date:	25-Mar-2024

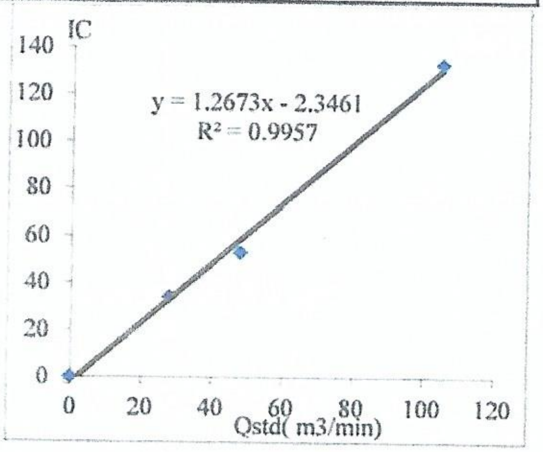
Equipment Verification Results:

Verification Date: 11-May-2024

Hour	Time	Mean Temp °C	Mean Pressure (hpa)	Concentration in μg/m³ (Standard Equipment) (Y-Axis)	Concentration in μg/m³ (Calibrated Equipment) (X-Axis)
1hr 00mins	0830-0930	26.8	1015	34	28
2hr 00mins	0935-1135	28.5	1015	53	48
3hr 00mins	1310-1610	29.5	1016	133	105

Linear Regression of Y or X

Slope (K-factor):	1.2673(μg/m³)/CPM
Correlation Coefficient (R):	0.9978
Date of Issue:	19-May-2024



Remarks:

1 . Strong Correlation (>0.8)

2. Factor 1.2673(μg/m³)/CPM should be applied for TSP monitoring

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

Operator:	P.F.Yeung	Signature	Fai	Date: 19 May 2024
QC Reviewer:	K.F.Ho	Signature	[signature]	Date: 19 May 2024

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

SUB-CONTRACTING REPORT

CONTACT	: MR MAGNUM FAN	WORK ORDER	: HK2412745
CLIENT	: ENVIROTECH SERVICES CO.		
ADDRESS	: RM 712, 7/F, MY LOFT 9 HOI WING ROAD, TUEN MUN, N.T. HK	SUB-BATCH	: 1
		DATE RECEIVED	: 5-APR-2024
		DATE OF ISSUE	: 12-APR-2024
PROJECT	: ----	NO. OF SAMPLES	: 1
		CLIENT ORDER	: ----

General Comments

- Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.
- Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.
- Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in ambient condition.
- Calibration was subcontracted to Envirotech Services Company.

Signatories

This document has been signed by those names that appear on this report and are the authorised signatories

Signatories	*Position*
Richard Fung	Managing Director

This report supersedes any previous report(s) with the same work order number.

All pages of this report have been checked and approved for release.

ALS Technichem (HK) Pty Ltd
Part of the **ALS Laboratory Group**

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Tel. +852 2610 1044 Fax +852 2610 2021 **www.alsglobal.com**

WORK ORDER : HK2412745
SUB-BATCH : 1
CLIENT : ENVIROTECH SERVICES CO.
PROJECT : ----

ALS Lab ID	Client's Sample ID	Sample Type	Sample Date	External Lab Report No.
HK2412745-001	Sibata LD-3B (6Z7784)	Equipments	25-Mar-2024	S/N: 6Z7784

Envirotech Services Co.
Rm. 712, 7/F
My Loft,
9 Hoi Wing Road,
Tuen Mun, H.K.
Tel : 2660 8460
Fax : 2660 8663
E-mail: envirotech@netvigator.com

Equipment Verification Report (TSP)

Equipment Calibrated:

Type:	Laser Dust Monitor
Manufacturer:	Sibata LD-3B
Serial No.:	6Z7784
Equipment Ref.:	N/A
ALS Job Order:	HK2411837

Standard Equipment

Standard Equipment:	High Volume Sampler (TSP)
Location :	Envirotech Room (Calibration Room)
Equipment Ref.:	HVS 8162
Last Calibration Date:	25-Mar-2024

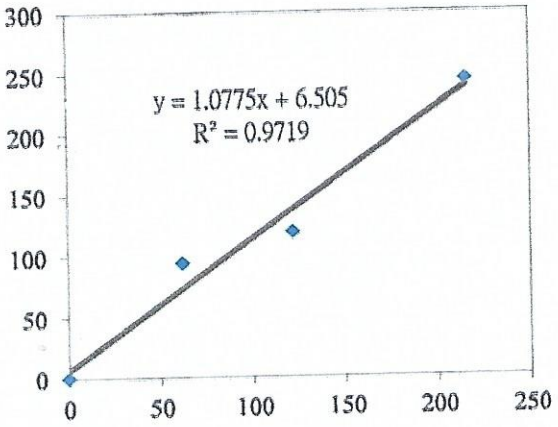
Equipment Verification Results:

Verification Date: 25-Mar-2024

Hour	Time	Mean Temp °C	Mean Pressure (hpa)	Concentration in µg/m³ (Standard Equipment) (Y-Axis)	Concentration in µg/m³ (Calibrated Equipment) (X-Axis)
1hr 00mins	0900-1000	24.5	1016	94	62
2hr 00mins	1005-1205	26.2	1017	119	122
3hr 00mins	1315-1615	29.0	1014	244	216

Linear Regression of Y or X

Slope (K-factor):	1.0775(µg/m³)/CPM
Correlation Coefficient (R):	0.9859
Date of Issue:	5-Apr-2024



Remarks:

1 . Strong Correlation (>0.8)

2. Factor 1.0775 (µg/m³)/CPM should be applied for TSP monitoring

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

Operator: P.F.Yeung Signature Fai Date: 05 April 2024

QC Reviewer: K.F.Ho Signature at Date: 05 April 2024

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C242738
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC24-0781) Date of Receipt / 收件日期 : 3 May 2024

Description / 儀器名稱 : Precision Acoustic Calibrator
Manufacturer / 製造商 : LARSON DAVIS
Model No. / 型號 : CAL200
Serial No. / 編號 : 11334
Supplied By / 委託者 : Envirotech Services Co.
Room 712, 7/F, My Loft, 9 Hoi Wing Road, Tuen Mun,
New Territories, Hong Kong

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C
Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 19 May 2024

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed specified limits.
These limits refer to manufacturer's published or user's specified tolerances as requested by the customer.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Hottinger Brüel & Kjær Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試 : H T Wong
Assistant Engineer

Certified By 核證 : K C Lee
Engineer

Date of Issue 簽發日期 : 20 May 2024

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C242738
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.

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

3. Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C233799
CL281	Multifunction Acoustic Calibrator	CDK2302738
TST150A	Measuring Amplifier	C241879

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	User's Limit (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	93.60	± 0.5	± 0.20
114 dB, 1 kHz	113.60		

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Limit	Uncertainty of Measured Value (Hz)
1	1.000	1 kHz ± 1 %	± 1

Remarks : - The user's limit is a customer pre-defined operating tolerance of the UUT, suitable for one's own intended use.

- The uncertainties are for a confidence probability of not less than 95 %.

Note :
Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 - 校正及檢測實驗所
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輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C237046
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC23-2316) Date of Receipt / 收件日期 : 15 November 2023

Description / 儀器名稱	:	Sound Level Meter
Manufacturer / 製造商	:	Rion
Model No. / 型號	:	NL-52
Serial No. / 編號	:	00175561
Supplied By / 委託者	:	Envirotech Services Co. Room 712, 7/F, My Loft, 9 Hoi Wing Road, Tuen Mun, New Territories, Hong Kong

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 6 December 2023

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed specified limits.
These limits refer to manufacturer's published tolerances as requested by the customer.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Hottinger Brüel & Kjær Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試 : C K Lo, Project Engineer

Certified By 核證 : K C Lee, Engineer

Date of Issue 簽發日期 : 6 December 2023

Certificate of Calibration
校正證書

Certificate No. : C237046
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1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

2. Self-calibration was performed before the test.

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

4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C230306
CL281	Multifunction Acoustic Calibrator	CDK2302738

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Limit (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L_A	A	Fast	94.00	1	93.2	± 1.1

6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
30 - 130	L_A	A	Fast	94.00	1	93.2 (Ref.)
				104.00		103.3
				114.00		113.4

IEC 61672 Class 1 Limit : ± 0.6 dB per 10 dB step and ± 1.1 dB for overall different.

6.2 Time Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Limit (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L_A	A	Fast	94.00	1	93.2	Ref.
			Slow			93.2	± 0.3

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6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Limit (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L_A	A	Fast	94.00	63 Hz	66.9	-26.2 ± 1.5
					125 Hz	77.0	-16.1 ± 1.5
					250 Hz	84.5	-8.6 ± 1.4
					500 Hz	89.9	-3.2 ± 1.4
					1 kHz	93.2	Ref.
					2 kHz	94.4	+1.2 ± 1.6
					4 kHz	94.2	+1.0 ± 1.6
					8 kHz	92.1	-1.1 (+2.1 ; -3.1)
					16 kHz	85.2	-6.6 (+3.5 ; -17.0)

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Limit (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L_C	C	Fast	94.00	63 Hz	92.3	-0.8 ± 1.5
					125 Hz	93.0	-0.2 ± 1.5
					250 Hz	93.2	0.0 ± 1.4
					500 Hz	93.2	0.0 ± 1.4
					1 kHz	93.2	Ref.
					2 kHz	93.0	-0.2 ± 1.6
					4 kHz	92.4	-0.8 ± 1.6
					8 kHz	90.2	-3.0 (+2.1 ; -3.1)
					16 kHz	83.3	-8.5 (+3.5 ; -17.0)

Certificate of Calibration
校正證書

Certificate No. : C237046
證書編號

Remarks : - UUT Microphone Model No. : UC-59 & S/N : 16651

- Mfr's Limit : IEC 61672 Class 1

- Uncertainties of Applied Value :

94 dB	: 63 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	16 kHz	: ± 0.70 dB
104 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)
114 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)

- The uncertainties are for a confidence probability of not less than 95 %.

Note :
Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

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Appendix L. Exceedance Investigation Report

Exceedance Investigation Report

DETAIL OF EXCEEDANCE		**Ref: EXC_0018**
Monitoring Date:	13 August 2024	
Monitoring Time:	9:20 a.m.	
Monitoring Parameter:*	~~Dust~~ Noise ~~Water~~ ~~Other~~	
Monitoring Station:	NMS1-T2 (Roadside at 138 To Kwa Wan Road)	
Measured Level:	75.2 dB	
Level Exceeded:	Limit Level Exceedance	

INVESTIGATION RESULT & RESPONSE

ET, IEC and SOR notified on: 2 September 2024

Investigation conducted on: 2 September 2024

Result of investigation:

Exceedance investigation was carried out with the contractor on 2 September 2024, the results of investigation were summarized as following:

According to the information from subcontractor, noise monitoring was carried out at noise monitoring station NMS1-T2 at roadside 138 To Kwa Wan Road between 09:20 a.m. and 09:50 a.m. 13 August 2024. Nearby road traffic noise along To Kwa Wan Road with heavy vehicles were observed during the monitoring period. (Photo 1a and 1b) No specific noisy construction activities from Kai Tak Sports Park was observed during the monitoring period at NMS1-T2.

Regular noise mitigation measure had been implemented to prevent possible environmental nuisance included:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures (Photo 3)

In conclusion, the Limit Level noise exceedance at monitoring station NMS1-T2 is mainly due to nearby traffic noise along To Kwa Wan Road and not related to the Kai Tak Sports Park Project.

RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS

Environmental mitigation measures have been maintained as follow:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures on site. (Photo 3)
5.Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.

Prepared by:	Sunny Chan	Title:	Environmental Team Leader
Signature:		Date:	2 September 2024

Attachment:

Photo Record:

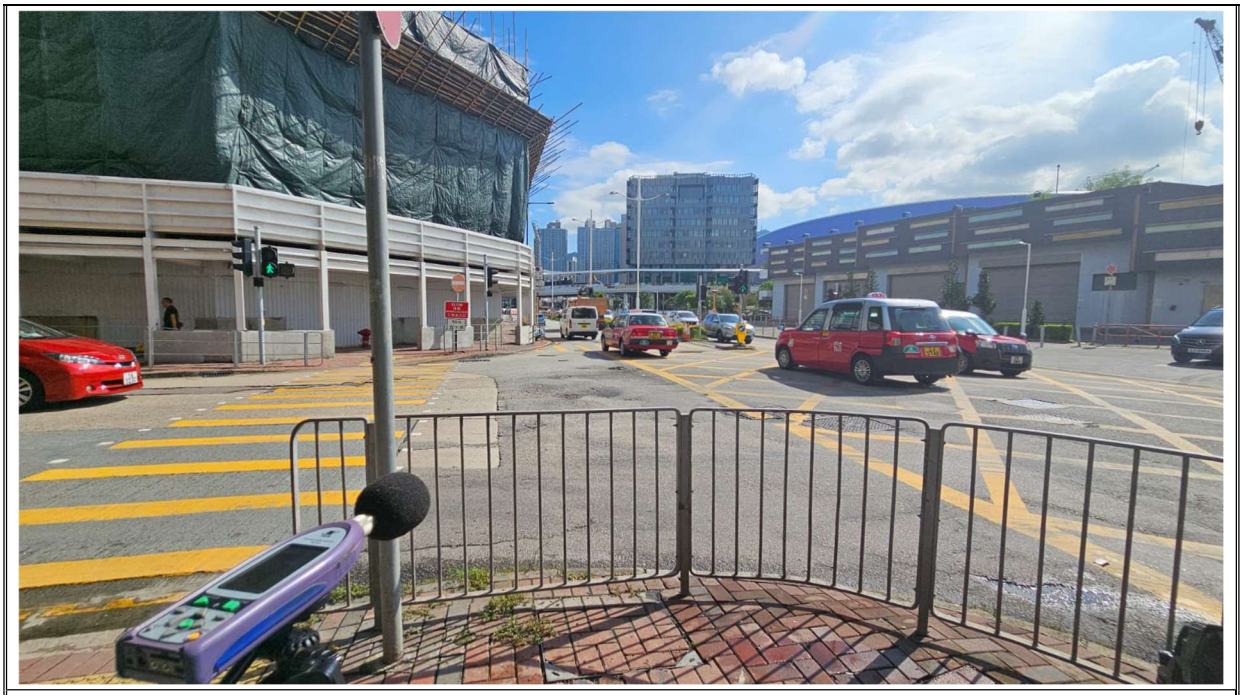


Photo 1a and 1b: Nearby road traffic along To Kwa Wan Road at NMS1-T2 on 13 August 2024.

Environmental Measure Implemented:

Photo 2: Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents.

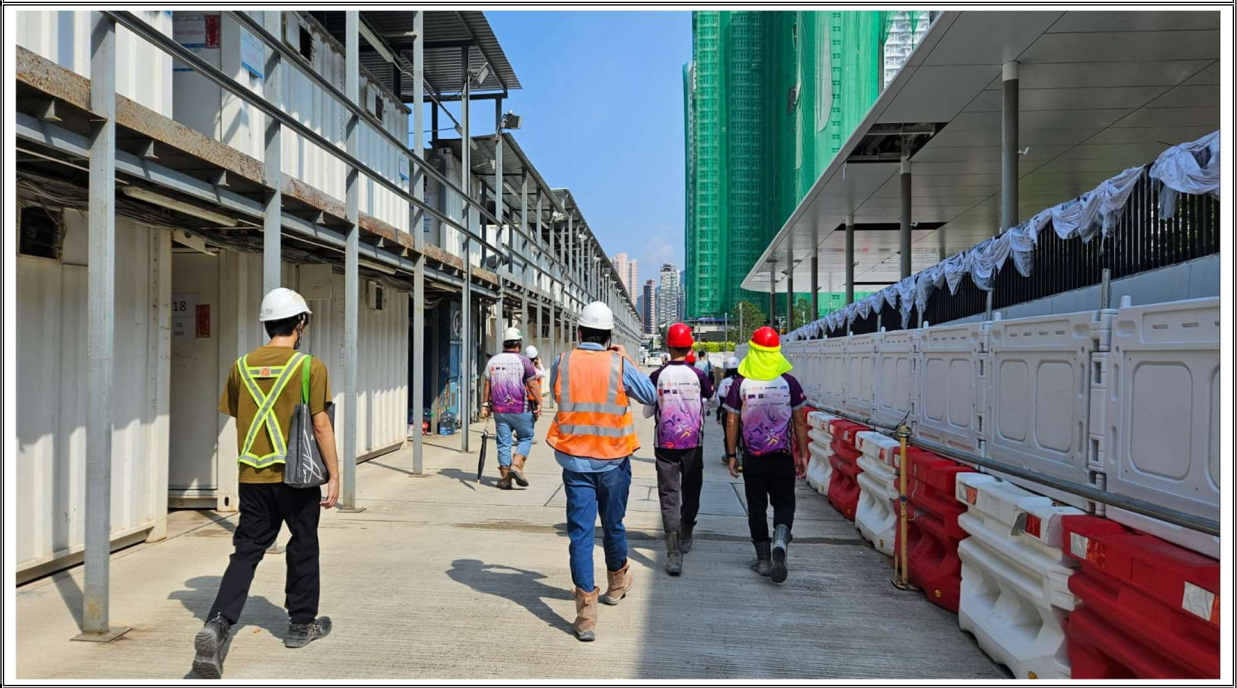


Photo 3: Regular site inspection was carried out to audit the implementation of mitigation measures on site.

Exceedance Investigation Report

DETAIL OF EXCEEDANCE		Ref: EXC_0019
Monitoring Date:	19 August 2024	
Monitoring Time:	9:33 a.m.	
Monitoring Parameter:*	~~Dust~~ Noise ~~Water~~ ~~Other~~	
Monitoring Station:	NMS1-T2 (Roadside at 138 To Kwa Wan Road)	
Measured Level:	75.5 dB	
Level Exceeded:	Limit Level Exceedance	

INVESTIGATION RESULT & RESPONSE

ET, IEC and SOR notified on: 2 September 2024

Investigation conducted on: 2 September 2024

Result of investigation:

Exceedance investigation was carried out with the contractor on 2 September 2024, the results of investigation were summarized as following:

According to the information from subcontractor, noise monitoring was carried out at noise monitoring station NMS1-T2 at roadside 138 To Kwa Wan Road between 09:33 a.m. and 10:03 a.m. 19 August 2024. Nearby road traffic noise along To Kwa Wan Road with heavy vehicles were observed during the monitoring period. (Photo 1a and 1b) No specific noisy construction activities from Kai Tak Sports Park was observed during the monitoring period at NMS1-T2.

Regular noise mitigation measure had been implemented to prevent possible environmental nuisance included:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures (Photo 3)

In conclusion, the Limit Level noise exceedance at monitoring station NMS1-T2 is mainly due to nearby traffic noise along To Kwa Wan Road and not related to the Kai Tak Sports Park Project.

RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS

Environmental mitigation measures have been maintained as follow:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures on site. (Photo 3)
5.Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.

Prepared by:	Sunny Chan	Title:	Environmental Team Leader
Signature:		Date:	2 September 2024

Attachment:

Photo Record:

Photo 1a and 1b: Nearby road traffic along To Kwa Wan Road at NMS1-T2 on 19 August 2024.

Environmental Measure Implemented:

Photo 2: Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents.

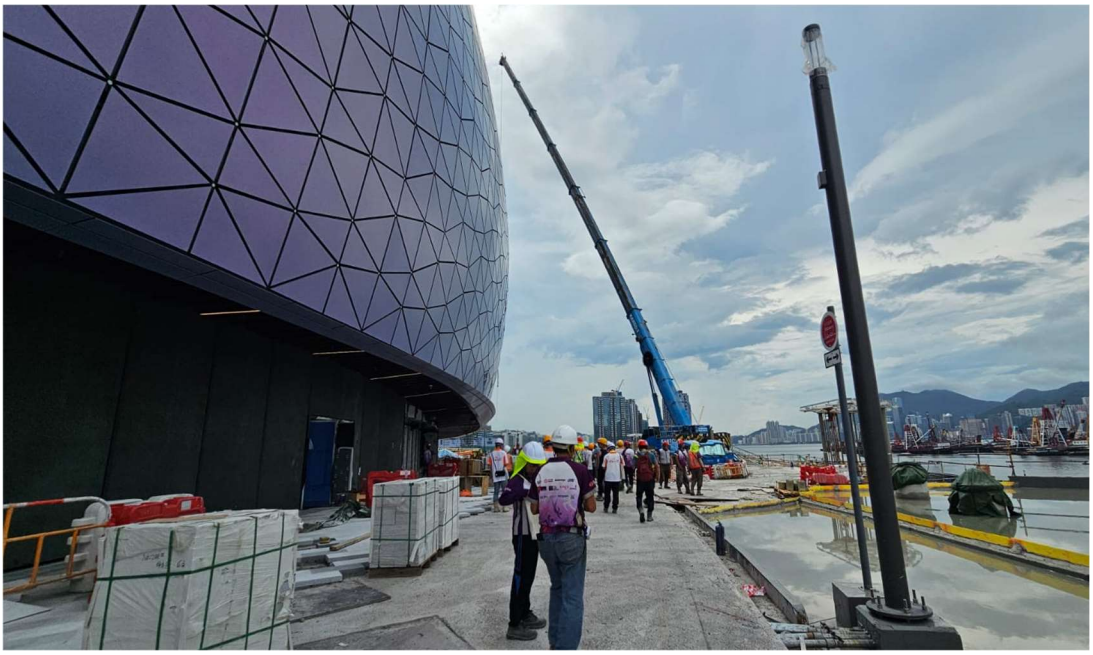


Photo 3: Regular site inspection was carried out to audit the implementation of mitigation measures on site.

Exceedance Investigation Report

DETAIL OF EXCEEDANCE		**Ref: EXC_0020**
Monitoring Date:	29 August 2024	
Monitoring Time:	9:17 a.m.	
Monitoring Parameter:*	~~Dust~~ Noise ~~Water~~ ~~Other~~	
Monitoring Station:	NMS1-T2 (Roadside at 138 To Kwa Wan Road)	
Measured Level:	78.5 dB(A)	
Level Exceeded:	Limit Level Exceedance	

INVESTIGATION RESULT & RESPONSE

ET, IEC and SOR notified on: 2 September 2024

Investigation conducted on: 2 September 2024

Result of investigation:

Exceedance investigation was carried out with the contractor on 2 September 2024, the results of investigation were summarized as following:

According to the information from subcontractor, noise monitoring was carried out at noise monitoring station NMS1-T2 at roadside 138 To Kwa Wan Road between 09:57 a.m. and 10:27 a.m. 29 August 2024. Nearby demolition work at The Hong Kong Society for the Blind Workshop along Mok Cheong Street was observed during the monitoring period. (Photo 1a and 1b) No specific noisy construction activities from Kai Tak Sports Park was observed during the monitoring period at NMS1-T2.

Regular noise mitigation measure had been implemented to prevent possible environmental nuisance included:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures (Photo 3)

In conclusion, the Limit Level noise exceedance at monitoring station NMS1-T2 is mainly due to nearby demolition work at The Hong Kong Society for the Blind Workshop along Mok Cheong Street and not related to the Kai Tak Sports Park Project.

RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS

Environmental mitigation measures have been maintained as follow:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures on site. (Photo 3)
5.Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.

Prepared by:	Sunny Chan	Title:	Environmental Team Leader
Signature:		Date:	2 September 2024

Attachment:

Photo Record:

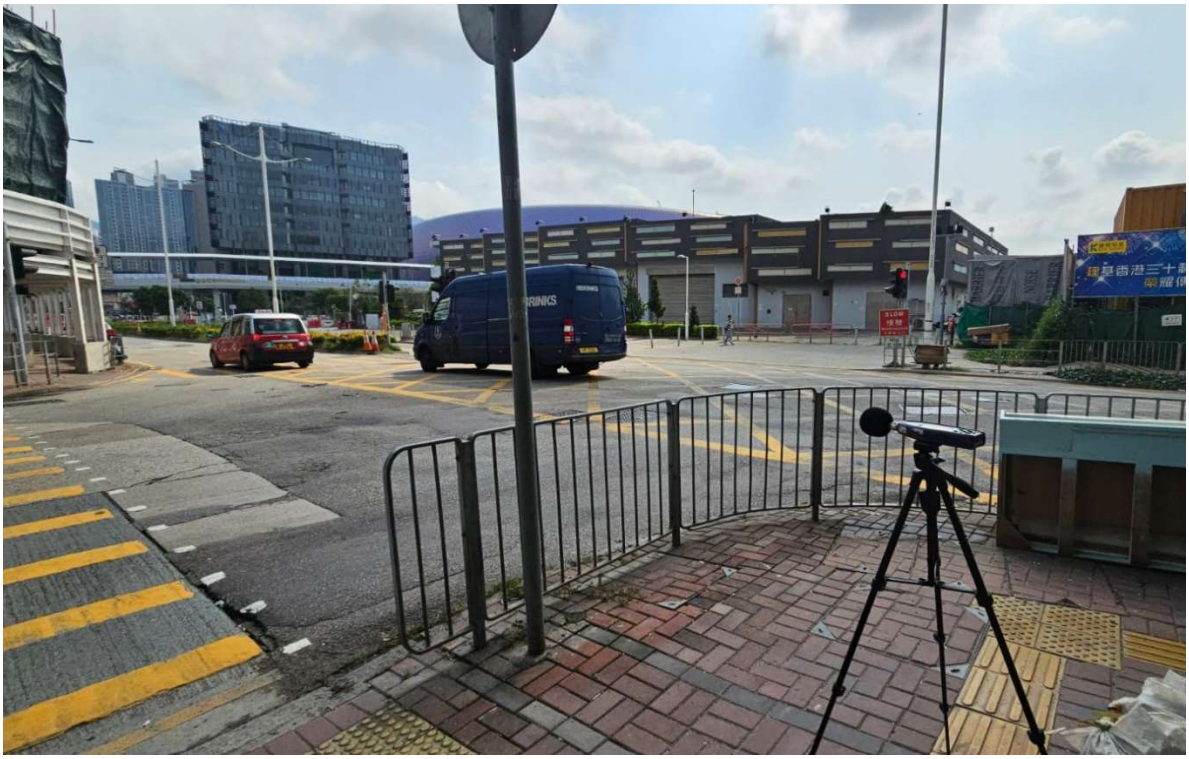


Photo 1a and 1b: Nearby demolition work at The Hong Kong Society for the Blind Workshop and Hostel on 29 August 2024.

Environmental Measure Implemented:

Photo 2: Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents.

Photo 3: Regular site inspection was carried out to audit the implementation of mitigation measures on site.

Exceedance Investigation Report

DETAIL OF EXCEEDANCE		**Ref: EXC_0021**
Monitoring Date:	10 September 2024	
Monitoring Time:	8:38 a.m.	
Monitoring Parameter:*	~~Dust~~ Noise ~~Water~~ ~~Other~~	
Monitoring Station:	NMS1-T2 (Roadside at 138 To Kwa Wan Road)	
Measured Level:	75.1 dB(A)	
Level Exceeded:	Limit Level Exceedance	

INVESTIGATION RESULT & RESPONSE

ET, IEC and SOR notified on: 2 October 2024

Investigation conducted on: 2 October 2024

Result of investigation:

Exceedance investigation was carried out with the contractor on 2 October 2024, the results of investigation were summarized as following:

According to the information from subcontractor, noise monitoring was carried out at noise monitoring station NMS1-T2 at roadside 138 To Kwa Wan Road between 8:38 a.m. and 9:08 a.m. 10 September 2024. Nearby road traffic noise along Mok Cheong Street with heavy vehicles were observed during the monitoring period. (Photo 1a and 1b) No specific noisy construction activities from Kai Tak Sports Park was observed during the monitoring period at NMS1-T2.

Regular noise mitigation measure had been implemented to prevent possible environmental nuisance included:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures (Photo 3)

In conclusion, the Limit Level noise exceedance at monitoring station NMS1-T2 is mainly due to nearby road traffic noise along Mok Cheong Street and not related to the Kai Tak Sports Park Project.

RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS

Environmental mitigation measures have been maintained as follow:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures on site. (Photo 3)
5.Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.

Prepared by:	Sunny Chan	Title:	Environmental Team Leader
Signature:		Date:	3 October 2024

Attachment:

Photo Record:

Photo 1a and 1b: Nearby road traffic along Mok Cheong Street at NMS1-T2 on 10 September 2024.

Environmental Measure Implemented:

Photo 2: Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents.

Photo 3: Regular site inspection was carried out to audit the implementation of mitigation measures on site.

Exceedance Investigation Report

DETAIL OF EXCEEDANCE		**Ref: EXC_0022**
Monitoring Date:	16 September 2024	
Monitoring Time:	8:38 a.m.	
Monitoring Parameter:*	~~Dust~~ Noise ~~Water~~ ~~Other~~	
Monitoring Station:	NMS1-T2 (Roadside at 138 To Kwa Wan Road)	
Measured Level:	75.2 dB(A)	
Level Exceeded:	Limit Level Exceedance	

INVESTIGATION RESULT & RESPONSE

ET, IEC and SOR notified on: 2 October 2024

Investigation conducted on: 2 October 2024

Result of investigation:

Exceedance investigation was carried out with the contractor on 2 October 2024, the results of investigation were summarized as following:

According to the information from subcontractor, noise monitoring was carried out at noise monitoring station NMS1-T2 at roadside 138 To Kwa Wan Road between 8:38 a.m. and 9:08 a.m. 16 September 2024. Nearby road traffic noise along Mok Cheong Street and To Kwa Wan Road with heavy vehicles were observed during the monitoring period. (Photo 1a and 1b) No specific noisy construction activities from Kai Tak Sports Park was observed during the monitoring period at NMS1-T2.

Regular noise mitigation measure had been implemented to prevent possible environmental nuisance included:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures (Photo 3)

In conclusion, the Limit Level noise exceedance at monitoring station NMS1-T2 is mainly due to nearby road traffic noise along Mok Cheong Street and To Kwa Wan Road and not related to the Kai Tak Sports Park Project.

RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS

Environmental mitigation measures have been maintained as follow:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures on site. (Photo 3)
5.Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.

Prepared by:	Sunny Chan	Title:	Environmental Team Leader
Signature:		Date:	3 October 2024

Attachment:

Photo Record:

Photo 1a and 1b: Nearby road traffic noise along Mok Cheong Street and To Kwa Wan Road at NMS1-T2 on 16 September 2024.

Environmental Measure Implemented:

Photo 2: Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents.

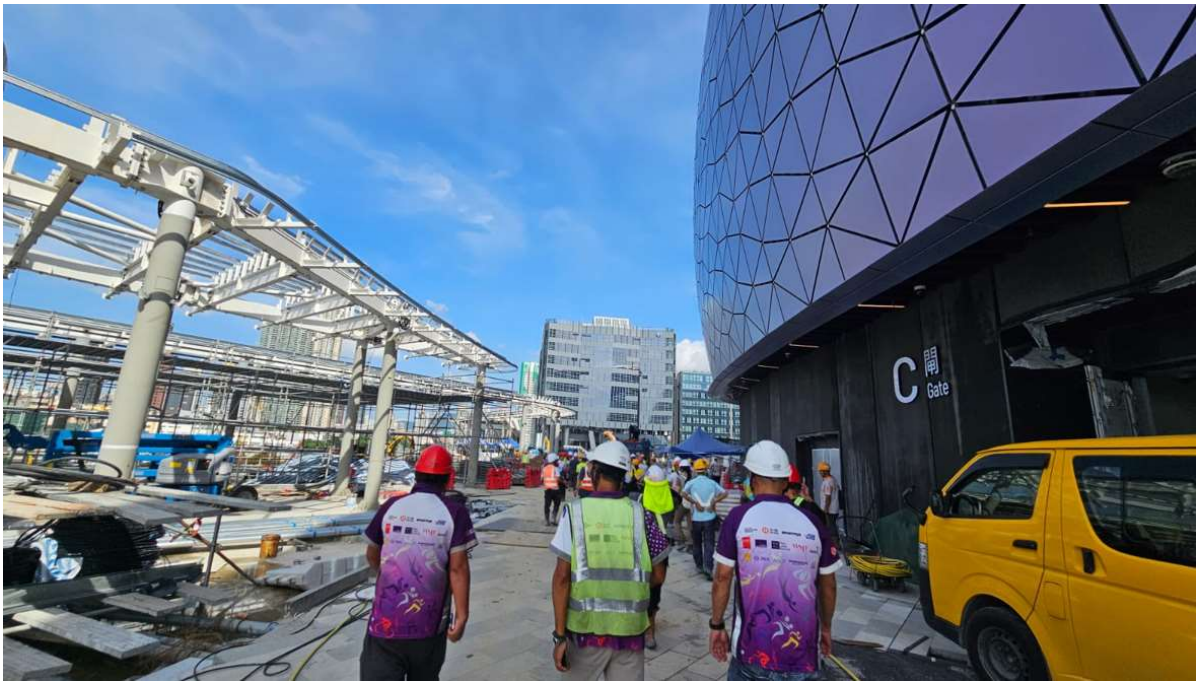


Photo 3: Regular site inspection was carried out to audit the implementation of mitigation measures on site.

Exceedance Investigation Report

DETAIL OF EXCEEDANCE		**Ref: EXC_0023**
Monitoring Date:	26 September 2024	
Monitoring Time:	9:55 a.m.	
Monitoring Parameter:*	~~Dust~~ Noise ~~Water~~ ~~Other~~	
Monitoring Station:	NMS1-T2 (Roadside at 138 To Kwa Wan Road)	
Measured Level:	75.2 dB(A)	
Level Exceeded:	Limit Level Exceedance	

INVESTIGATION RESULT & RESPONSE

ET, IEC and SOR notified on: 2 October 2024

Investigation conducted on: 2 October 2024

Result of investigation:

Exceedance investigation was carried out with the contractor on 2 October 2024, the results of investigation were summarized as following:

According to the information from subcontractor, noise monitoring was carried out at noise monitoring station NMS1-T2 at roadside 138 To Kwa Wan Road between 9:55 a.m. and 10:25 a.m. 26 September 2024. Nearby road traffic noise along To Kwa Wan Road with heavy vehicles were observed during the monitoring period. (Photo 1a and 1b) No specific noisy construction activities from Kai Tak Sports Park was observed during the monitoring period at NMS1-T2.

Regular noise mitigation measure had been implemented to prevent possible environmental nuisance included:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures (Photo 3)

In conclusion, the Limit Level noise exceedance at monitoring station NMS1-T2 is mainly due to nearby road traffic noise along To Kwa Wan Road and not related to the Kai Tak Sports Park Project.

RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS

Environmental mitigation measures have been maintained as follow:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Regular site inspection was carried out to audit the implementation of mitigation measures on site. (Photo 3)
5.Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.

Prepared by:	Sunny Chan	Title:	Environmental Team Leader
Signature:		Date:	3 October 2024

Attachment:

Photo Record:

Photo 1a and 1b: Nearby road traffic along To Kwa Wan Road at NMS1-T2 on 26 September 2024.

Environmental Measure Implemented:

Photo 2: Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents.

Photo 3: Regular site inspection was carried out to audit the implementation of mitigation measures on site.

Exceedance Investigation Report

DETAIL OF EXCEEDANCE		**Ref: EXC_0024**
Monitoring Date:	26 September 2024	
Monitoring Time:	10:47 a.m.	
Monitoring Parameter:*	~~Dust~~ Noise ~~Water~~ ~~Other~~	
Monitoring Station:	NMS4 (The Henley)	
Measured Level:	77.2 dB(A)	
Level Exceeded:	Limit Level Exceedance	

INVESTIGATION RESULT & RESPONSE

ET, IEC and SOR notified on: 2 October 2024

Investigation conducted on: 2 October 2024

Result of investigation:

Exceedance investigation was carried out with the contractor on 2 October 2024, the results of investigation were summarized as following:

According to the information from subcontractor, noise monitoring was carried out at noise monitoring station NMS4 at rooftop of retail building near The Henley between 10:47 a.m. and 11:17 a.m. on 26 September 2024. Nearby ground breaking work was observed within Kai Tak Sports Park during the monitoring period. (Photo 1a and 1b).

Follow up noise mitigation measure had been implemented to minimise possible environmental nuisance included:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Noise acoustic wrapping has been provided for the breaker to reduce noise emission from the breaking work (Photo 3)
3. Regular site inspection was carried out to audit the implementation of mitigation measures (Photo 4)

Further noise monitoring at NMS4 has been conducted between 10:30 a.m. and 11:00 a.m. on 2 Oct 2024. A noise level of 71.6 dB(A) was recorded. No noise limit level exceedance was observed. (Photo 5a and 5b)

In conclusion, the Limit Level noise exceedance at monitoring station NMS4 was mainly due to nearby ground breaking work within Kai Tak Sports Park Project site. Noise mitigation measure has been recommended and implemented and no further noise exceedance was observed at monitoring station NMS4.

RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS

Environmental mitigation measures have been implemented as follow:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Noise acoustic wrapping has been provided for the breaker to reduce noise emission from the breaking work. (Photo 3)
4. Regular site inspection was carried out to audit the implementation of mitigation measures on site. (Photo 4)
5. Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.

Prepared by:	Sunny Chan	Title:	Environmental Team Leader
Signature:		Date:	4 October 2024

Attachment:

Photo Record:

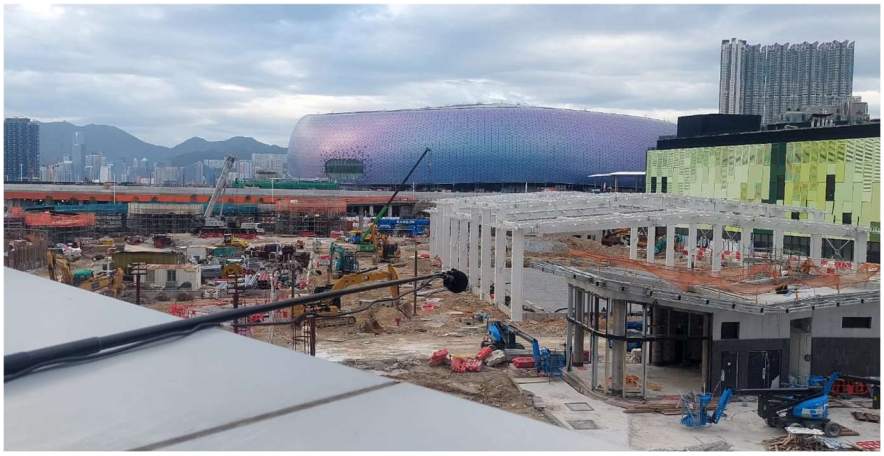
Photo 1a and 1b: Ground breaking work was observed within Kai Tak Sports Park area on 26 September 2024.

Environmental Measure Implemented:

Photo 2: Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents.

Photo 3: Noise acoustic wrapping has been provided for the breaker to reduce noise emission from the breaking work.

Photo 4: Regular site inspection was carried out to audit the implementation of mitigation measures on site.



Noise Monitoring Record Sheet

Monitoring Location		NMS-4						
Details of Location		Building						
Date of Monitoring		2-10-24						
Measurement Start Time (hh:mm)		1030 - 1100						
Measurement Time Length (min.)		30 min						
Weather Conditions		Fine						
Wind Speed (m/s)		0-5						
Noise Meter Model/Identification		NL52				00171761		
Calibrator Model/Identification		CAL10				11374		
In site Calibration	Before	94.0						
	After	94.0						
Measurement Result	L_{eq} (dB(A))	5min	5min	5min	5min	5min	5min	30min
		61-3	73-5	74.6	64.1	72-6	70-3	71.6
	L_{10} (dB(A))	67.1	78-9	76-9	66-0	75-1	74.2	74.1
	L_{90} (dB(A))	63.7	63.9	64.7	62.0	65-1	64.2	64.0
Major Construction Noise Source(s) During Monitoring		Bore piling						
Other Noise Source(s) During Monitoring		Traffic noise						
Remarks		/						

	Name & Designation	Signature	Date
Record by:	K.T.HO		2-10-24
Checked by:	K.W.Fan Consultant	MF	3/10/2024

Photo 5a and 5b : Noise monitoring result at NMS4 on 2 Oct 2024.

Appendix M. Complaint Investigation Report

Complaint Investigation Report

RECEIPT OF COMPLAINT			**Ref: COM_0040**
Date:	22 July 2024		
Time:	17:07		
From:	Public complaint referred by EPD		
Via:	email by contractor representative		
Contact no.:	-		
COMPLAINANT			
Name:	-	Address:	-
Contact no.:	-		
DETAILS OF COMPLAINT			
Date:	12 July 2024		
Time:	-		
Parameter:*	~~Dust~~ ~~Noise~~ ~~Water~~ Other (Light)		
Description:			
- Complaint of light nuisance from the construction site Kai Tak Sports Park			
- Please be advised to implement practicable mitigation measures at your construction site to minimize the environmental nuisance arising from the construction work.			
INVESTIGATION RESULT & RESPONSE			
ET, IEC and SOR notified on:	22 July 2024		
Investigation conducted on:	23 July 2024		

Result of investigation:

Complaint investigation was carried out with the contractor on 23 July 2024, the results of investigation were summarized as following:

According to the information from contractor, night time light testing was carried out at Public Sports Ground (PSG) between 7:00 p.m. and 11:00 p.m. in July 2024. The purpose of the light testing is to ensure the outdoor lighting meet the international standard for hosting international sport events. Environmental mitigation measures were generally implemented during the time of inspection. All construction works carried out on site have strictly followed the relevant environmental guideline and legislation requirement.

Regular environmental mitigation measure had been implemented to prevent possible environmental nuisance included:

1. Subcontractors had been reminded to finish the light testing at night by 22:30 and completely switch off all external sports light by 23:00. (Photo 1)
2. An updated memo to nearby residents will be issued in July 2024 to notify the light testing schedule in Kai Tak Sports Park Public Sports Ground. (Photo 2a and 2b)
3. Spot lights are adjusted to control lighting direction away from nearby residential. (Photo 3a and 3b)
4. "Guidelines on Industry Best Practices for External Lighting Installations" had been provided to subcontractor for reminder. (Photo 4a and 4b)

In conclusion, light control mitigation measures at the Kai Tak Sports Park have been implemented and maintained. All construction works carried out to minimise the environmental nuisance during the concerned period.

RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS			
Environmental mitigation measures have been maintained as follow: 1. Subcontractors had been reminded to finish the light testing at night by 22:30 and completely switch off all external sports light by 23:00.. (Photo 1) 2. An updated memo to nearby residents will be issued to notify the light tests schedule in Kai Tak Sports Park Public Sports Ground. (Photo 2a and 2b) 3. Spot lights are adjusted to control lighting direction away from nearby residential. (Photo 3a and 3b) 4. "Guidelines on Industry Best Practices for External Lighting Installations" has been provided to subcontractor for reminder. (Photo 4) 5. Implementation of potential glare and light control mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule and Landscape and Visual Mitigation Plan.			
Prepared by:	Sunny Chan	Title:	Environmental Team Leader
Signature:		Date:	29 July 2024

Attachment:
1. Photo Records of Environmental Measure Implemented
Photo Record:

Environmental Measure Implemented:

KTSP - Reminder of no beyond permitted hours of Light Test at PSG

Jacky YC Chan 星期一, 7月 22, 2024 05:17下午

收件人: Nathan Lo Pak Lap, Alice Chow Yan Yan 顯示明細

副本抄送: HH KT201901 Environmental, Sunny Chan

Dear FSE High Mast Light test team,

As you may have heard from us that there was a complaint from nearby residents at To Kwa Wan in Mid-July, you are hereby reminded that all light tests shall be completed no later than 22:30 at night and shall be completely switched off by 23:00 to minimize the light nuisance to the nearby sensitive receivers. We understand that the necessities of conducting such tests at night though the tests shall be completed as soon as possible every night. Attached please also find the guideline of external lighting provided by Environmental Protection Department for your reference, thanks a lot.

Best regards,
Jacky YC Chan
Project Environmental Engineer
Hip Hing Engineering Co., Ltd.
(Member of NWS Holdings)

11/F., Chevalier Commercial Centre, No.8 Wang Hoi Road, Kowloon Bay, Kowloon, Hong Kong
website: https://www.hiphing.com.hk

Photo 1: Subcontractors had been reminded to finish the light testing at night by 22:30 and completely switch off all external sports light by 23:00.

敬啟者:

啟德體育園項目

公眾運動場戶外照明系統測試通知

為確保啟德體育園項目的戶外照明系統符合國際標準和指引，適合舉辦不同的國際及本地體育賽事，啟德體育園的公眾運動場將於 2024 年 8 月至 9 月期間，於晚上 7 時至 11 時期間，進行約 20 個工作天的戶外照明系統測試。

戶外照明系統測試旨在確保照明系統的正常運作和安全性，並符合國際球場照明標準，能提升場地使用者，包括運動員、觀眾及公眾等的使用質素和體驗，以提供具國際水平的體育場地設施；若上述測試帶來任何不便，敬請見諒。如有任何查詢，歡迎致電項目工程熱線 5587 6112 與我們聯絡。

協興工程有限公司 謹啟

二零二四年七月三十一日

To whom it may concern,

31st July, 2024

Kai Tak Sports Park (KTSP) Project

Notification of Public Sports Ground Outdoor Lighting System Tests

To ensure the outdoor lighting system of the Kai Tak Sports Park meets international standards for hosting international or local sports events, tests will be carried out from 7pm to 11pm at the Kai Tak Sports Park Public Sports for a period of some 20 working days, from August to September 2024.

By conducting the tests, we aim to ensure the proper functioning and safety of the lighting system, as well as compliance with international lighting standards for sports venues. This will enhance the quality and overall experience for venue users, including athletes, spectators, and the general public, and provide a world-class sports facility. We apologise for any inconvenience caused during the tests. Should you have any enquiries, please contact our project hotline at 5587 6112.

Yours faithfully,

Hip Hing Engineering Company Limited

Page 1 of 2

協興工程有限公司
HIP HING ENGINEERING CO LTD
新創建集團成員 Member of NWS Holdings

Our Ref. No: S33294/KT201901-Y02/YTH/SYY

附圖 (Attachment)

Page 2 of 2

香港九龍灣宏開道八號其士商業中心十一樓 11/F Chevalier Commercial Centre, 8 Wang Hoi Road, Kowloon Bay, Hong Kong
電話 Tel: (852) 2525 9251 傳真 Fax: (852) 2845 9295 電郵 Email: email@hiphing.com.hk 網址 Website: www.hiphing.com.hk

Photo 2a and 2b : An updated notification memo will be issued to the nearby residential buildings at To Kwa Wan and Kai Tak on the updated test schedule and the purpose of the test.

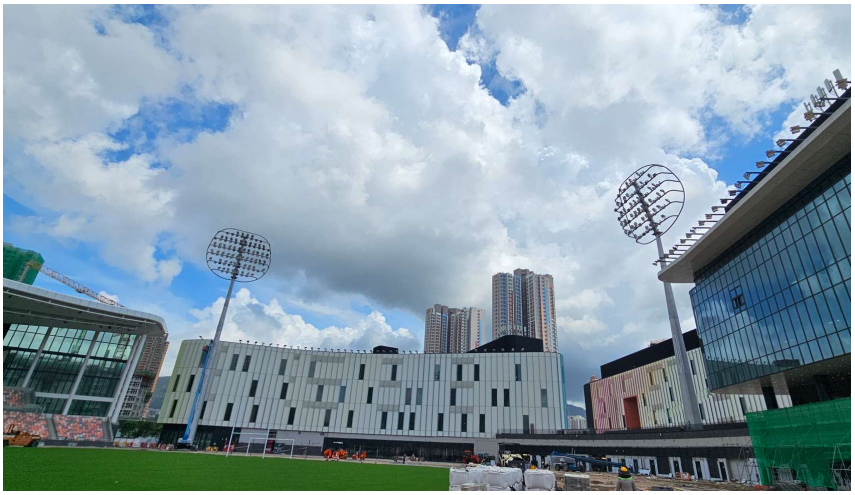


Photo 3a and 3b: Spot lights are adjusted to control lighting direction away from nearby residential.

《戶外燈光裝置業界良好作業指引》

本指引建議政府部門和私人機構在處理戶外燈光裝置事宜時應參考之良好作業指引。

簡介

1. 香港有不同類型的戶外燈光裝置，當中一些典型的例子包括標誌/招牌(內部照亮或外部照亮模式)、建築物外牆和特徵照明、建築物外圍的燈光(包括店舖門面燈光)、運動場地和遊樂場地的燈光，和戶外影視設施(如影視幕牆及顯示屏)。

2. 本指引的目的是概述在戶外燈光裝置設計、安裝和運作等方面一般的良好作業指引，供照明設計師、承辦商、裝置擁有人和用戶作參考，以減低戶外燈光裝置帶來的不良影響。

3. 本指引並不適用於由路政署負責的路燈，有關路燈須遵守路政署所出版的《公共照明設施設計手冊》。此外，本指引並不適用於由運輸署管理而具備燈光裝置的交通燈號、可變信息標誌，以及其他交通/運輸設施。該些燈光裝置須遵守相關的交通規例或運輸署出版的設計指南。

4. 為方便參閱，本文件內的各項指引會按以下標題分類：燈光裝置的操作時段、燈光裝置的自動控制、光滋擾控制措施、能源效益措施、燈光裝置項目設計規劃、預防眩光影響道路使用者，及廣告招牌。

5. 本文件並非詳盡無遺。如有需要，應向適當的專業人士如照

1

Photo 4: "Guidelines on Industry Best Practices for External Lighting Installations" has been sent to subcontractor for reminder.

Complaint Investigation Report

RECEIPT OF COMPLAINT			**Ref: COM_0041**
Date:	2 September 2024		
Time:	14:22		
From:	Public complaint referred by EPD		
Via:	email by contractor representative		
Contact no.:	-		
COMPLAINANT			
Name:	-	Address:	-
Contact no.:	-		
DETAILS OF COMPLAINT			
Date:	16 August 2024		
Time:	-		
Parameter:*	~~Dust~~ Noise ~~Water~~ ~~Other~~		
Description:			
- Complaint of noise nuisance from the construction site Kai Tak Sports Park at night.			
- Please be advised to implement practicable mitigation measures at your construction site to minimize the environmental nuisance arising from the construction work.			
INVESTIGATION RESULT & RESPONSE			
ET, IEC and SOR notified on:	2 September 2024		
Investigation conducted on:	2 September 2024		

Result of investigation:

Complaint investigation was carried out with the contractor on 4 September 2024, the results of investigation were summarized as following:

According to the information from contractor, regular site inspection was carried out on 27 August 2024. (Photo 1) Noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule were generally implemented during the time of inspection. All construction works carried out on site have strictly followed the Construction Noise Permit requirement. Night time inspections were conducted to ensure all Power Mechanical Equipment were switched off at night. (Photo 5) The CNP (Ref. No.: GW-RE0913-24 and GW-RE1008-24) for the construction works effective in August 2024 are attached for information. (Photos 6a to 6d). The complaint has been replied by contractor on 2 September 2024.

Regular noise mitigation measure had been implemented to prevent possible environmental nuisance included:

1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2)
2. Subcontractors had been reminded to observe the Construction Noise Permit for working at night during regular subcontractor meetings. (Photo 3)
3. A memo to all subcontractors has been issued in August 2024 with the latest Construction Noise Permit attached. (Photo 4)
4. Night time inspections were conducted to ensure all Power Mechanical Equipment were switched off. (Photo 5)

In conclusion, construction noise mitigation measures at the Kai Tak Sports Park have been implemented and maintained. All construction works carried out have been fulfilling the relevant environmental legislations and their subsidiary regulations during the concerned period.

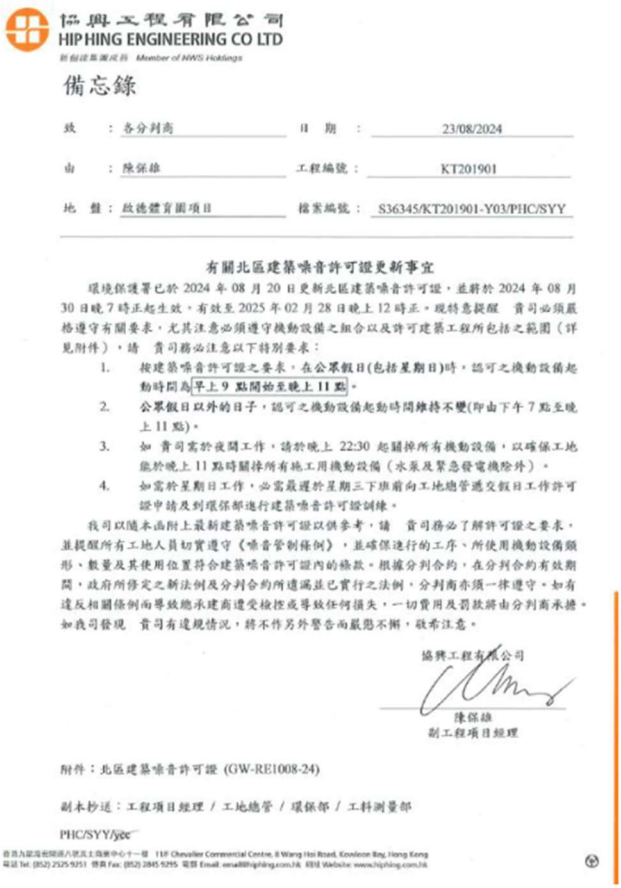
RECOMMENDATIONS / MITIGATION MEASURES / ACTIONS			
Environmental mitigation measures have been maintained as follow: 1. Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents. (Photo 2) 2. Subcontractors had been reminded to observe the Construction Noise Permit for working at night during regular subcontractor meetings. (Photo 3) 3. A memo to all subcontractors has been issued in August 2024 with the latest Construction Noise Permit attached. (Photo 4) 4. Night time inspections were conducted to ensure all Power Mechanical Equipment were switched off. (Photo 5) 5.Implementation of construction noise mitigation measures recommended in EIA's Environmental Mitigation Implementation Schedule.			
Prepared by:	Sunny Chan	Title:	Environmental Team Leader
Signature:		Date:	9 September 2024

Attachment:
Photo Record:
Environmental Measure Implemented:

Photo 1: Regular site inspection carried out with contractor on 27 August 2024.

Photo 2 : Power Mechanical Equipment with Quality Power Mechanical Equipment (QPME) labels were used at site to lower the noise nuisance to the nearby residents.

Photo 3: Subcontractors had been reminded to observe the Construction Noise Permit for working at night during regular subcontractor meetings.



協興工程有限公司
HIP HING ENGINEERING CO LTD
Member of HWS Holdings

備忘錄

致 ：各分判商　　日 期 ：23/08/2024

由 ：陳保雄　　工程編號：KT201901

地 盤：啟德體育園項目　　檔案編號：S36345/KT201901-Y03/PHC/SYY

有關北區建築噪音許可證更新事宜

環境保護署已於 2024 年 08 月 20 日更新北區建築噪音許可證，並將於 2024 年 08 月 30 日晚 7 時正起生效，有效至 2025 年 02 月 28 日晚上 12 時正。現特意提醒　貴司必須嚴格遵守有關要求，尤其注意必須遵守機動設備之組合以及許可建築工程所包括之範圍（詳見附件），請　貴司務必注意以下特別要求：

1. 按建築噪音許可證之要求，在公眾假日(包括星期日)時，認可之機動設備起動時間為早上 9 點開始至晚上 11 點。
2. 公眾假日以外的日子，認可之機動設備起動時間維持不變(即由下午 7 點至晚上 11 點)。
3. 如　貴司需於夜間工作，請於晚上 22:30 起關掉所有機動設備，以確保工地能於晚上 11 點時關掉所有施工用機動設備（水泵及緊急發電機除外）。
4. 如需於星期日工作，必需最遲於星期三下班前向工地總管遞交假日工作許可證申請及到環保部進行建築噪音許可證訓練。

我司以隨本函附上最新建築噪音許可證以供參考，請　貴司務必了解許可證之要求，並提醒所有工地人員切實遵守《噪音管制條例》，並確保進行的工序、所使用機動設備類形、數量及其使用位置符合建築噪音許可證內的條款。根據分判合約，在分判合約有效期間，政府所修定之新法例及分判合約所遺漏並已實行之法例，分判商亦須一律遵守。如有違反相關條例而導致總承建商遭受檢控或導致任何損失，一切費用及罰款將由分判商承擔。如我司發現　貴司有違規情況，將不作另外警告而嚴懲不貸，敬希注意。

協興工程有限公司

陳保雄
副工程項目經理

附件：北區建築噪音許可證 (GW-RE1008-24)

副本抄送：工程項目經理 / 工地總管 / 環保部 / 工料測量部

PHC/SYY/yee

Photo 4: A memo to all subcontractors has been issued in August 2024 with the latest Construction Noise Permit attached.

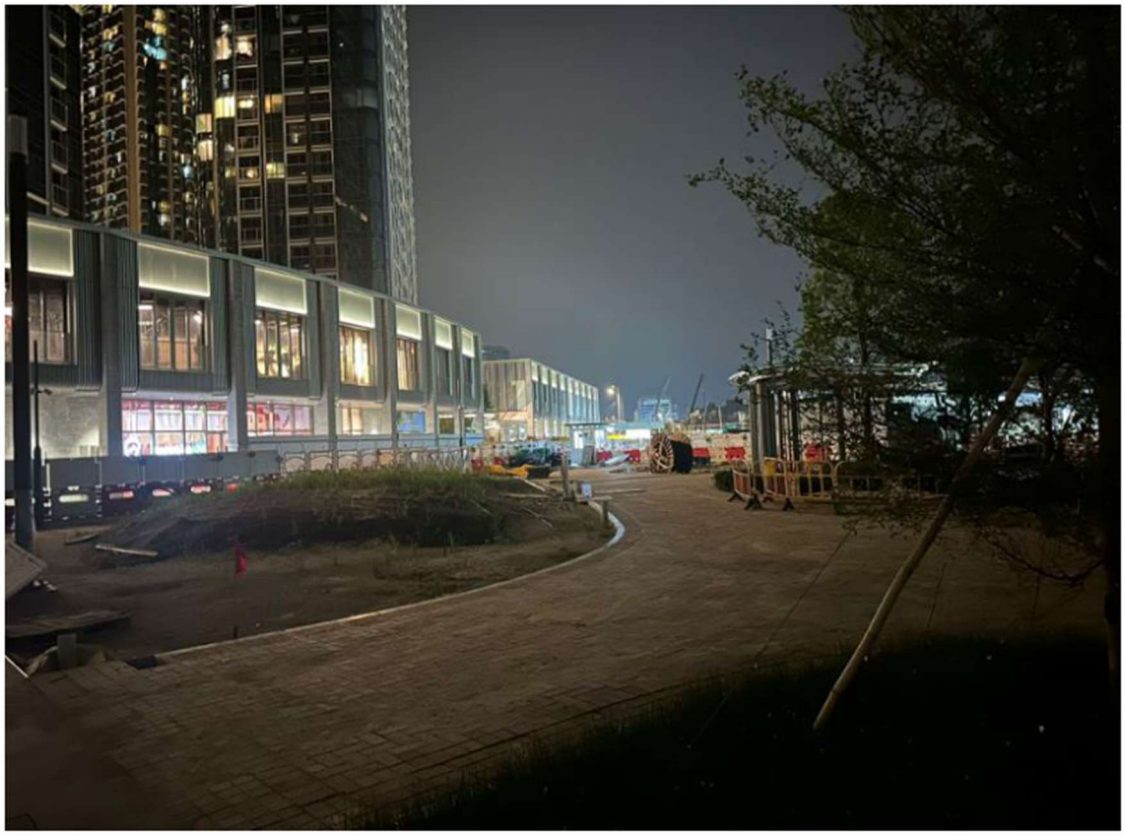


Photo 5: Night time inspections were conducted to ensure all Power Mechanical Equipment were switched off.

FORM 3 [reg.5(a)]
NOISE CONTROL ORDINANCE
(Chapter 400)
SECTION 8(9)

CONSTRUCTION NOISE PERMIT FOR THE USE OF POWERED MECHANICAL EQUIPMENT FOR THE PURPOSE OF CARRYING OUT CONSTRUCTION WORK OTHER THAN PERCUSSIVE PILING AND/OR THE CARRYING OUT OF PRESCRIBED CONSTRUCTION WORK

CONSTRUCTION NOISE PERMIT NO. GW-RE0913-24

To : HIP HING ENGINEERING COMPANY LIMITED

This construction noise permit is issued in accordance with section 8 of the Noise Control Ordinance. Permission is granted for the use of powered mechanical equipment for the purpose of carrying out construction work other than percussive piling and/or the carrying out of prescribed construction work, subject to the conditions set out below. The carrying out of construction work otherwise than in accordance with the conditions may result in the permit being cancelled and in a prosecution for an offence.

CONDITIONS

1. Construction site where the powered mechanical equipment and/or prescribed construction work may be employed:

   Full address: Construction Site of Kai Tak Sports Park (North) and Shing Kai Road, Kai Tak, Kowloon.

   Lot No.: ---

   The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prescribed construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.

2. * ~~PART~~/WHOLE of the site falls * ~~WITHIN~~/OUTSIDE a designated area.

3. Powered Mechanical Equipment

   a. Items of powered mechanical equipment which may be used inside the site boundary :

Identification code of item of powered mechanical equipment (if applicable)	*Description of item of powered mechanical equipment*	*No. of units*
	Refer to attached sheet.	

   b. Validity of the construction noise permit for the use of the powered mechanical equipment:

   Date and time of commencement : 05 August 2024 at 2300 hours

   Days and hours : 0000-2400 hours on general holidays (including Sundays), 0000-0700 hours and 1900-2400 hours on any day not being a general holiday [but note condition 3.d.1. below for the operating hours within which the use of the above listed powered mechanical equipment is allowed].

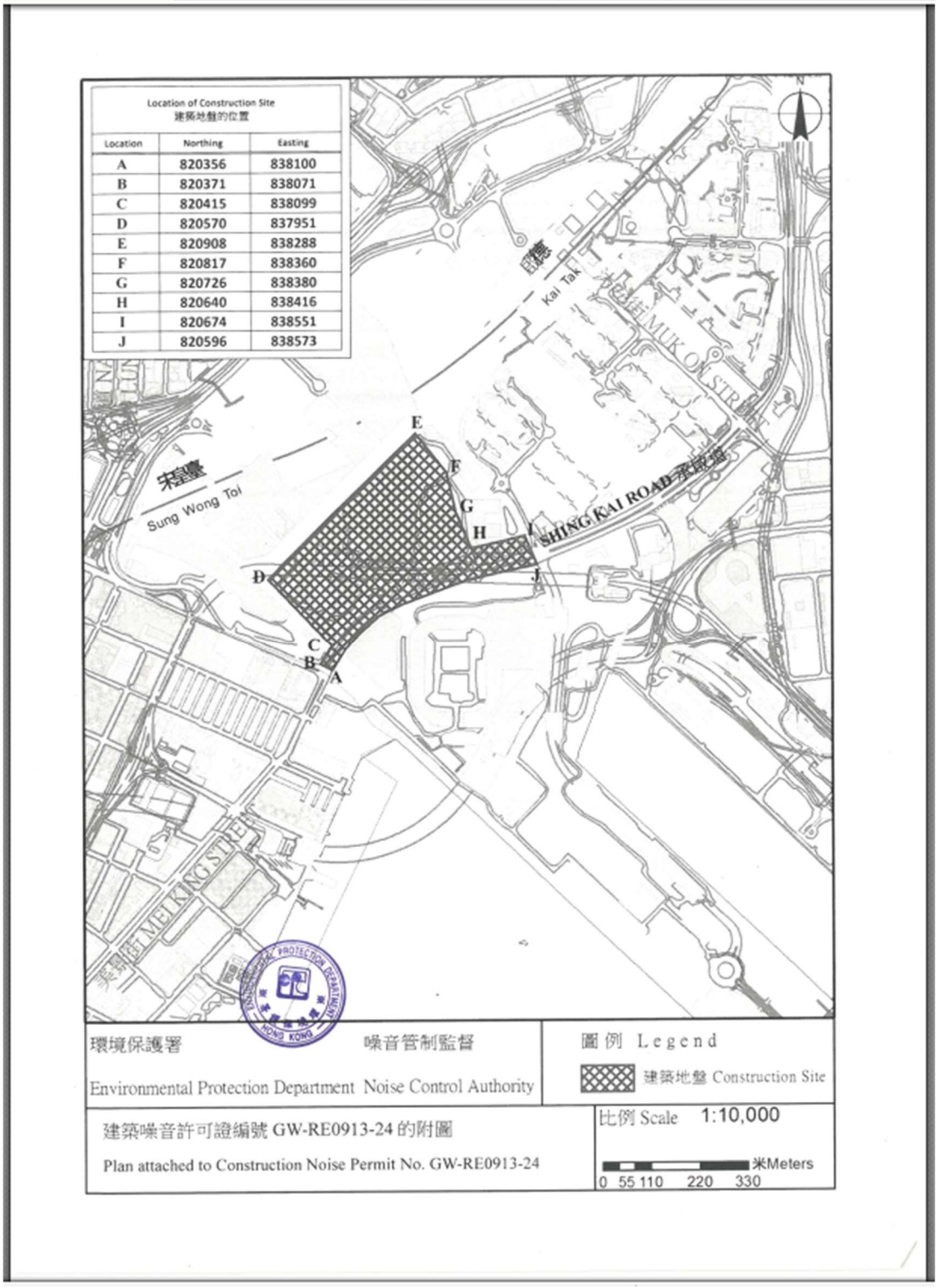
   This part of the permit expires on : 30 August 2024 at 0540 hours

   c. One photograph, endorsed by the Authority, of each item of powered mechanical equipment described in this construction noise permit is required to be kept on the construction site and made available for inspection by the Authority.

   d. Other conditions imposed on the use of the powered mechanical equipment:

   Please refer to attached sheet for conditions imposed for this construction noise permit which is issued as a **special case** due to constraints on working hours to **avoid causing serious interruption to road transport**.

EPD76A(s) - 1 -


Location of Construction Site
建築地盤的位置
Location | Northing | Easting
A | 820356 | 838100
B | 820371 | 838071
C | 820415 | 838099
D | 820570 | 837951
E | 820908 | 838288
F | 820817 | 838360
G | 820726 | 838380
H | 820640 | 838416
I | 820674 | 838551
J | 820596 | 838573
Kai Tak
MUK ON STREET
Sung Wong Toi
SHING KAI ROAD
MEI KING STREET
環境保護署
噪音管制監督
Environmental Protection Department Noise Control Authority
圖例 Legend
建築地盤 Construction Site
建築噪音許可證編號 GW-RE0913-24 的附圖
Plan attached to Construction Noise Permit No. GW-RE0913-24
比例 Scale 1:10,000
米Meters
0 55 110 220 330

FORM 3 [reg.5(a)]
NOISE CONTROL ORDINANCE
(Chapter 400)
SECTION 8(9)

CONSTRUCTION NOISE PERMIT FOR THE USE OF POWERED MECHANICAL EQUIPMENT FOR THE PURPOSE OF CARRYING OUT CONSTRUCTION WORK OTHER THAN PERCUSSIVE PILING AND/OR THE CARRYING OUT OF PRESCRIBED CONSTRUCTION WORK

CONSTRUCTION NOISE PERMIT NO. GW-RE1008-24

To : HIP HING ENGINEERING COMPANY LIMITED

This construction noise permit is issued in accordance with section 8 of the Noise Control Ordinance. Permission is granted for the use of powered mechanical equipment for the purpose of carrying out construction work other than percussive piling and/or the carrying out of prescribed construction work, subject to the conditions set out below. The carrying out of construction work otherwise than in accordance with the conditions may result in the permit being cancelled and in a prosecution for an offence.

CONDITIONS

1. Construction site where the powered mechanical equipment and/or prescribed construction work may be employed :
   Full address : Construction site of Kai Tak Sports Park (North), Kai Tak, Kowloon.
   Lot No.: ---
   The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prescribed construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.

2. * ~~PART~~/WHOLE of the site falls * ~~WITHIN~~/OUTSIDE a designated area.

3. Powered Mechanical Equipment

   a. Items of powered mechanical equipment which may be used inside the site boundary :

Identification code of item of powered mechanical equipment (if applicable)	*Description of item of powered mechanical equipment*	*No. of units*
	Refer to attached sheet	

   b. Validity of the construction noise permit for the use of the powered mechanical equipment:
      Date and time of commencement : 30 August 2024 at 0000 hours
      Days and hours : 0000-2400 hours on general holiday (including Sunday), 0000-0700 hours and 1900-2400 hours on any day not being a general holiday [but note condition 3.d.1. below for the operating hours within which the use of the above listed powered mechanical equipment is allowed].
      This part of the permit expires on : 28 February 2025 at 2400 hours

   c. One photograph, endorsed by the Authority, of each item of powered mechanical equipment described in this construction noise permit is required to be kept on the construction site and made available for inspection by the Authority.

   d. Other conditions imposed on the use of the powered mechanical equipment:
      Refer to attached sheet.

EPD76A(s) - 1 -

Photo 6a to 6d: Record of Construction Noise Permit - GW-RE0913-24, GW-RE1008-24