

# **Development at West Kowloon Cultural District**

Quarterly Environmental Monitoring and Audit (EM&A)  
Report (Feb 2026 – Apr 2026)

**May 2026**

This Quarterly EM&A Report has been reviewed and certified by the Environmental Team Leader (ETL) and verified by the Independent Environmental Checker (IEC).

Certified by:



---

Max Lee  
Environmental Team Leader (ETL)  
West Kowloon Cultural District Authority

Date

29 May 2026

---

Verified by:



---

Claudine Lee  
Independent Environmental Checker (IEC)  
Meinhardt Infrastructure & Environment Ltd

Date

29 May 2026

---

This Report Consists of:

**Part-1: EM&A at Lyric Theatre Complex**

**and**

**Part-2: EM&A for ELS Works for The  
Integrated Basement and  
Underground Road in Zones 2A, 2B  
& 2C**

# Part-1: EM&A at Lyric Theatre Complex



# **Development at West Kowloon Cultural District**

Quarterly Environmental Monitoring and Audit  
(EM&A) Report (February 2026 - April 2026)

May 2026

# Contents

Executive summary	1
1 Introduction	2
1.1 Background	2
1.2 Project Organisation	2
1.3 Status of Construction Works in the Reporting Period	3
2 Summary of EM&A Requirements and Mitigation Measures	4
2.1 Monitoring Requirements	4
2.2 Environmental Mitigation Measures	5
3 Summary of EM&A Results	6
3.1 Monitoring Data	6
3.2 Monitoring Exceedances	6
3.2.1 1-hour TSP Monitoring	6
3.2.2 24-hour TSP Monitoring	6
3.2.3 Construction Noise Monitoring	6
3.2.4 Landscape and Visual Monitoring	7
4 Waste Management	8
4.1 Lyric Theatre Complex	8
5 Environmental Non-conformance	9
6 Comments, Recommendations and Conclusion	10
6.1 Comments	10
6.2 Recommendations	10
6.3 Conclusion	10

## Figure 1 Site Layout Plan and Monitoring Stations

## Appendices

### A. Project Organisation

### B. Construction Programme

- C. Environmental Mitigation Measures – Implementation Status
- D. Meteorological Data Extracted from Hong Kong Observatory
- E. Graphical Plots of the Monitoring Results
- F. Waste Flow table
- G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

## Tables

Table 2.1:	Summary of Impact EM&A Requirements	4
Table 3.1:	Summary of Monitoring Data	6
Table 3.2:	Summary of Exceedances	6

# Executive summary

This Quarterly EM&A Report presents the monitoring works at Lyric Theatre Complex conducted from 1 February 2026 to 30 April 2026. The construction works and EM&A programme for M+ Museum was commenced on 31 October 2015 and completed on 28 February 2021; while the construction works and EM&A programme for Lyric Theatre Complex (L1 and L2 Contracts) was commenced on 1 March 2016, and the EM&A programme for L1 Contract was completed on 30 June 2021.

The impact stage EM&A programme for the Project includes air quality, noise, water quality, waste, landscape and visual monitoring. The recommended environmental mitigation measures were implemented on site and regular inspections were carried out to ensure that the environmental conditions are acceptable.

The EM&A programme was carried out by the ET in accordance with the EM&A Manual requirements. It is concluded from the environmental monitoring and audit works that adequate environmental mitigation measures have been implemented by the contractors where appropriate in the reporting quarter.

## **Exceedance of Action and Limit Levels**

There was no breach of Action and Limit levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting quarter.

## **Implementation of Mitigation Measures**

Construction phase weekly site inspections were carried out to confirm the implementation measures undertaken by the Contractors in the reporting quarter. The status of implementation of mitigation measures during the reporting quarter is shown in **Appendix C**.

Landscape and visual impact inspections were conducted as part of the abovementioned weekly site inspections during the reporting quarter. No adverse comment on landscape and visual aspects were made during these inspections.

## **Record of Complaints**

Two complaints were received during the reporting quarter.

## **Record of Notifications of Summons and Successful Prosecutions**

No notifications of summons and successful prosecutions were recorded in the reporting quarter.

# 1 Introduction

## 1.1 Background

Mott MacDonald Hong Kong Limited (MMHK) was commissioned to undertake the Environmental Team (ET) services (including environmental monitoring and audit (EM&A)) for the construction of M+ Museum Main Works (Contract No.: CC/2015/3A/022) and Lyric Theatre Complex including the Foundation Works (Contract No.: CC/2015/3A/014), L1 Contract (Contract No. CC/2017/3A/030) and L2 Contract (Contract No. CC/2017/3A/031) at West Kowloon Cultural District (WKCD) (The Project) as part of the WKCD development. The Project Proponent is the West Kowloon Cultural District Authority (WKCDA). The construction works and EM&A programme for M+ Museum was commenced on 31 October 2015 and completed on 28 February 2021; while the construction works and EM&A programme for Lyric Theatre Complex (L1 and L2 Contracts) was commenced on 1 March 2016, and the EM&A programme for L1 Contract was completed on 30 June 2021.

The overall works for the WKCD fall under two separate categories of Designated Project (DP) of the Environmental Impact Assessment Ordinance (EIAO), namely an “engineering feasibility study of urban development projects with a study area covering more than 20 ha or involving a total population of more than 100 000” (Item 1 of Schedule 3) and “an underpass more than 100m in length under the built areas” (Item A.9, Part I, Schedule 2). An Environmental Permit No. EP-453/2013/B (EP) was issued with respect to the “Underpass Road and Austin Road Flyover Serving the West Kowloon Cultural District” which specifically includes the abovementioned category of DP under Item A.9, Part I, Schedule 2 of the EIAO. The captioned projects include part of the abovementioned underpass road located within the site boundary also falls under this same category.

The M+ museum development aims to provide an iconic presence for the M+ museum, semi-transparent vertical plane, housing education facilities, a public restaurant and museum offices. At ground and lower levels, generous access will be provided to the park and other West Kowloon Cultural District facilities, alongside a public resource centre, theatres, retail and dining, and back-of-house functions.

The Lyric Theatre Complex (now known as “the WestK Performing Arts Centre”) will comprise a 1,450-seat Grand Theatre, a 600-seat Medium Theatre and a 270-seat Studio Theatre. The complex will also house extensive rehearsal facilities and a Resident Company Centre that will serve as an exploration, development and collaboration hub for dance companies and artists in Hong Kong.

The Quarterly EM&A Report is prepared in accordance with the Clause 3.4 of the Environmental Permit No. EP-453/2013/B. This Quarterly EM&A Report presents the monitoring works conducted from 1 February 2026 to 30 April 2026. The purpose of this report is to summarise the findings in the EM&A of the project over the reporting period.

## 1.2 Project Organisation

The organisation chart and lines of communication with respect to the on-site environmental management structure together with the contact information of the key personnel are shown in **Appendix A**.

### 1.3 Status of Construction Works in the Reporting Period

During the reporting period, construction works at L2 undertaken include:

- LTC construction
  - ABWF works
  - Façade work
  - MEP works
- ASDA and Lyric Theatre Promenade
  - Defects rectification
  - Modification work for installation of louvers
  - Construction of the plant room
  - Pipe works
  - Drip tray installation
  - Temporary ceiling installation
- DCS cofferdam
  - Backfilling work
  - Excavation work
  - Construction of manholes, cabling works and cable draw pits
  - Installation of UU services
  - Pipe connection to box culvert
  - Installation of drainage work
  - Installation of fender

The Construction Works Programme of the Project is provided in **Appendix B**. A layout plan of the Project is provided in **Figure 1**.

## 2 Summary of EM&A Requirements and Mitigation Measures

### 2.1 Monitoring Requirements

In accordance with the EM&A Manual, environmental parameters including air quality, noise, landscape and visual have been monitored. The specific parameters, monitoring frequency and the respective Action and Limit levels are given in **Table 2.1**. Locations of the monitoring stations are provided in **Figure 1**.

**Table 2.1: Summary of Impact EM&A Requirements**

Parameters	Descriptions	Locations	Frequencies	Action level	Limit level
Air Quality	24-Hour TSP	AM1 - International Commerce Centre	At least once every 6 days	143.6 µg/m <sup>3</sup>	260 µg/m <sup>3</sup>
	1-Hour TSP	AM1 - International Commerce Centre	At least 3 times every 6 days	273.7 µg/m <sup>3</sup>	500 µg/m <sup>3</sup>
	24-Hour TSP	AM2 - The Harbourside Tower 1	At least once every 6 days	151.1 µg/m <sup>3</sup>	260 µg/m <sup>3</sup>
	1-Hour TSP	AM2 - The Harbourside Tower 1	At least 3 times every 6 days	274.2 µg/m <sup>3</sup>	500 µg/m <sup>3</sup>
Noise	Leq, 30 minutes	NM1- The Harbourside Tower 1	Weekly	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)
Landscape & Visual	Monitor implementation of proposed mitigation measures during the construction stage	As described in Table 9.1 and 9.2 of the EM&A Manual	Bi-weekly	N/A	N/A

In the context of the monitoring activities at M+ Museum and the Lyric Complex, three monitoring stations had been considered, including AM1 (International Commerce Centre), AM2 (The Harbourside Tower 1) for air monitoring, and NM1 (The Harbourside Tower 1) for noise monitoring. Other monitoring locations were so far away from M+ Museum and the Lyric Complex and could not be representative for impact monitoring.

The Harbourside management office formally rejected our proposal of setting up air quality and noise monitoring equipment on its premises at the podium level of Tower 1 (AM2/NM1) on 10 November 2015. Nevertheless, a suitable air quality monitoring location at AM2 was identified on the ground floor in front of The Harbourside Tower 1, which is at the same location as that of baseline monitoring for consistency. No management approval is required on the ground floor for conducting the air monitoring. However, the electricity supply at AM2 was suspended from 31 August 2016. In order to have a more secure electricity supply, an alternative air monitoring

location (AM2A) was identified at Austin Road West opposite to The Harbourside Tower 1, which is close to Lyric Theatre Complex site entrance. This alternative air monitoring location was approved by EPD on 28 September 2016. Due to the works programme, the air monitoring location AM2A has been relocated to the alternative monitoring location AM2B at the 1st floor of Gammon's site office, which was approved by EPD on 21 February 2019. In view of the upcoming construction works to be undertaken at the air monitoring station AM2B, AM2B was no longer available for conducting the impact air quality monitoring. Hence, an alternative air monitoring location was identified on the ground floor in front of The Harbourside Tower 1 (AM2) which is at the same location as the baseline monitoring and this previously approved monitoring location had also been used for the EM&A Programme from November 2015 to August 2016, the relocation was approved by EPD on 27 May 2021.

Alternative noise monitoring location was identified at The Arch (NM2); however, The Arch management office formally rejected our proposal of setting up noise monitoring equipment on its premises on 23 November 2015. On the other hand, noise monitoring at G/F of Harbourside could not be representative. However, approval from the management office of the International Commerce Centre has been granted on 29 February 2016 for conducting noise monitoring at the alternative noise monitoring location identified at the podium floor (NM1A) which is free from screening to the construction activities.

In short, 2 air quality monitoring stations and 1 noise impact monitoring station were confirmed for the impact monitoring.

## 2.2 Environmental Mitigation Measures

Environmental mitigation measures have been recommended in the EM&A Manual. Summary of implementation status of the environmental mitigation measures is provided in **Appendix C**.

## 3 Summary of EM&A Results

### 3.1 Monitoring Data

Impact monitoring has been conducted in the reporting quarter. Meteorological data for the reporting quarter have been extracted from Hong Kong Observatory and presented in **Appendix D**. Monitoring data with graphical presentation for the reporting quarter are shown in **Appendix E**. A summary on the monitoring results is presented in **Table 3.1**.

**Table 3.1: Summary of Monitoring Data**

Parameter	Monitoring Location	Minimum	Maximum	Average
Air Quality				
1 hour TSP	AM1	18	39	28
	AM2	26	54	39
24 hour TSP	AM1	8	29	16
	AM2	23	37	29
Construction Noise				
Leq(30min)	NM1A	63	64	64

### 3.2 Monitoring Exceedances

Summary of the exceedances in the reporting quarter is tabulated in **Table 3.2**.

**Table 3.2: Summary of Exceedances**

Monitoring Station	Parameter	No. of Exceedance		Action Taken
		Action Level	Limit Level	
Air Quality				
AM1	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
AM2	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
Construction Noise				
NM1A	Leq(30min)	0	0	N/A

#### 3.2.1 1-hour TSP Monitoring

All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance was recorded.

#### 3.2.2 24-hour TSP Monitoring

All 24-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance was recorded.

#### 3.2.3 Construction Noise Monitoring

All construction noise monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance was recorded.

### **3.2.4 Landscape and Visual Monitoring**

All landscape and visual impact inspections were conducted as scheduled in the reporting quarter. No adverse comment on landscape and visual aspects were recorded.

## 4 Waste Management

### 4.1 Lyric Theatre Complex

As advised by the Contractor (L2 Contract), 992.8 tonnes, 7.0 tonnes and 0.0 tonne of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137, Tuen Mun Area 38, and Chai Wan Public Fill Barging Point respectively in the reporting quarter, while 1903.8 tonnes of general refuse were disposed of at SENT and WENT landfill. 0.0 tonne of metals, 0.4 tonnes of paper/cardboard packaging, 0.0 tonne of plastic and 0.0 tonne of timber were collected by recycling contractors in the reporting quarter. 0.0 tonne of inert C&D materials was reused on site. 0.0 tonne of fill materials was imported for use at site and 0.0 tonne of inert C&D materials was reused in other projects. 0.0 tonne of inert C&D materials were disposed to sorting facility and 0.0 tonne of chemical waste were collected by licensed contractors in the reporting quarter.

The actual amount of different types of waste generated by the activities of construction works at Lyric Theatre Complex in the reporting quarter are shown in **Appendix F**.

## 5 Environmental Non-conformance

There was no breach of Action or Limit levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in the reporting quarter.

Two complaints were received in the reporting quarter.

On 2 March 2026, the West Kowloon Cultural District Authority (WKCDA) referred a complaint case received via hotline on 1 March 2026 regarding noise disturbance from the construction site near Artist Square Bridge from 9 a.m. on 1 March 2026. The complainant, Ms. Ng, reported that the construction site near Artist Square Bridge is causing noise nuisance from 9 a.m. on 1 March 2026. She enquires about the duration of construction work, whether a permit has been obtained from Environmental Protection Department as the construction activity is carrying out on Sunday, and whether it will continue every Sunday. From the information provided by the contractor, a valid CNP was obtained by the contractor and the works undertaken on 1 March 2026 were in compliant with the CNP requirements. Preventive measures are well-deployed and maintained by the Contractor including regular briefings and meetings with subcontractors and frontline workers, and regular inspection was conducted to ensure the proper deployment of noise mitigation measures. Regular noise monitoring together with additional noise monitoring were also conducted once per week, and the results were well below the action/limit levels such that the construction works of Lyric Theatre Complex (L2 Contract) should not be posing significant impacts to the nearby sensitive receivers. As concluded from the above investigation and findings, it could not directly imply the complaint was attributable to Lyric Theatre Complex (L2 Contract).

On 14 April 2026, the WKCDA received a complaint letter from the Harbourside Owners Committee regarding the dust pollution arising from the construction works within the WKCD and the complaint was referred to the ET on 17 April 2026. The Harbourside Owners Committee claimed that the construction site at WKCD was generating substantial amount of dust over recent weeks and caused health concern to the residents. The complainant also observed that three fog/mist cannons in Zone 2BC were idling during working hours on 27 March 2026 and doubted the effectiveness and proper operation of the dust suppression measures. From the photos provided by the complainant, the concerned area was not within the site boundary of Lyric Theatre Complex (L2 Contract). After investigation, it could not directly imply the complaint was attributable to Lyric Theatre Complex (L2 Contract). Nevertheless, the Contractor is reminded to strengthen the implementation of the recommendations for dust mitigation measures to reduce impacts to the public.

No notifications of summons and successful prosecutions were received in the reporting quarter.

The cumulative statistics on complaints, notifications of summons and successful prosecutions were provided in **Appendix G**.

## 6 Comments, Recommendations and Conclusion

### 6.1 Comments

Based on the observations made during site audits, landscape inspections, and construction dust and noise monitoring results, no non-compliances and exceedances of air quality and noise were recorded in the reporting quarter.

### 6.2 Recommendations

Reviewing the implementation of the recommended mitigation measures in the EM&A Manual, it was observed that they were effective and efficient in controlling the potential impacts due to construction of the project during the reporting period. Review of the effectiveness and efficiency of the EM&A programme will continue, 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.

### 6.3 Conclusion

The EM&A programme as recommended in the EM&A Manual has been undertaken. The construction works and EM&A programme for M+ Museum was commenced on 31 October 2015 and completed on 28 February 2021; while the construction works and EM&A programme for Lyric Theatre Complex (L1 and L2 Contracts) was commenced on 1 March 2016, and the EM&A programme for L1 Contract was completed on 30 June 2021.

Monitoring of air quality and noise with respect to the Project is underway. In particular, the 1-hour TSP, 24-hour TSP and noise level (as Leq, 30 minutes) under monitoring have been checked against established Action and Limit levels. There was no breach of Action and Limit levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting quarter.

Two complaints were received in the reporting quarter. No notifications of summons and successful prosecutions were received during the reporting quarter.

Weekly construction phase site inspections and bi-weekly landscape and visual impact inspections were conducted during the reporting quarter as required. It was observed that the Contractor had implemented all possible and feasible mitigation measures to mitigate the potential environmental impacts during construction phase works.

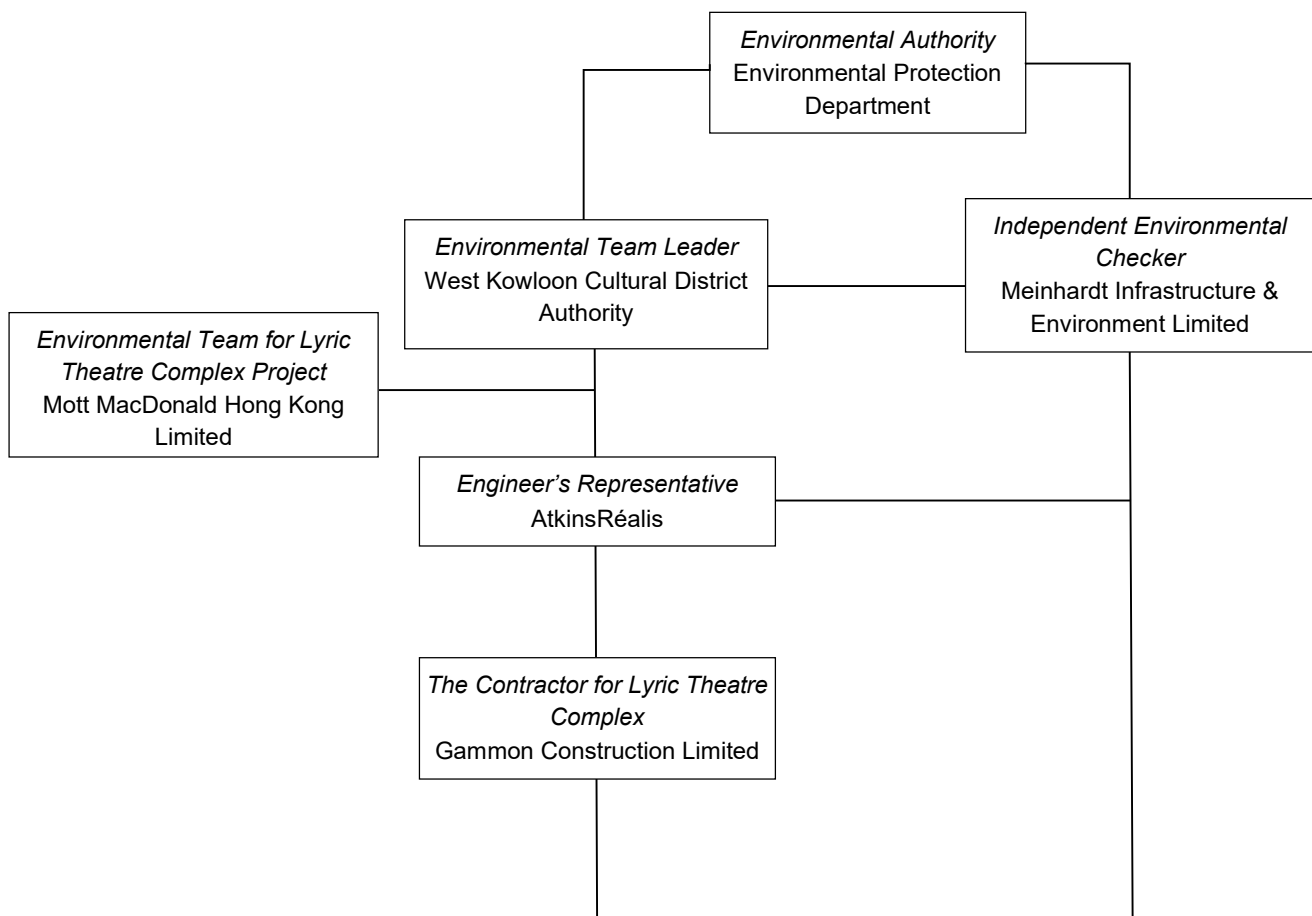
# Figure 1 Site Layout Plan and Monitoring Stations



# Appendices

- A. Project Organisation
- B. Construction Programme
- C. Environmental Mitigation Measures – Implementation Status
- D. Meteorological Data Extracted from Hong Kong Observatory
- E. Graphical Plots of the Monitoring Results
- F. Waste Flow table
- G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

# A. Project Organisation



**Table A-1: Contact information**

Company Name	Role	Name	Telephone	Email
AtkinsRéalis	Senior Technical Director	Mr. Simha LytheRao	2204 8259	Simha.Lytherao@atkinsrealis.com
Meinhardt Infrastructure & Environment Limited	Independent Environmental Checker	Ms. Claudine Lee	2859 5409	claudinelee@meinhardt.com.hk
Gammon Construction Limited (L2)	Environmental Manager	Ms. Fiona Law	9156 7654	fiona.cm.law@gammonconstruction.com
Mott MacDonald Hong Kong Ltd.	Contractor's Environmental Team Leader	Mr. Thomas Chan	2828 5757	thomas.chan@mottmac.com
West Kowloon Cultural District Authority	Project Manager (Health, Safety and Environment)	Mr. Max Lee	2200 0782	max.sl.lee@wkcd.a.hk

## **B. Construction Programme**







## **C. Environmental Mitigation Measures – Implementation Status**

**Table C-1: Environmental Mitigation Measures Implementation Status**

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
<b>Air Quality Impact (Construction)</b>				
2.1 & 10.3.1	<b>General Dust Control Measures</b> Frequent water spraying for active construction areas (12 times a day or once every one hour), including Heavy construction activities such as construction of buildings or roads, drilling, ground excavation, cut and fill operations (i.e., earth moving)	✓	✓	Obs
2.1 & 10.3.1	<b>Best Practice For Dust Control</b> The relevant best practices for dust control as stipulated in the Air Pollution Control (construction Dust) Regulation should be adopted to further reduce the construction dust impacts from the Project. These best practices include: <i>Good Site Management</i>	Obs	✓	✓
	<ul style="list-style-type: none"> <li>Good site management is important to help reducing potential air quality impact down to an acceptable level. As a general guide, the Contractor should maintain high standard of housekeeping to prevent emission of fugitive dust. Loading, unloading, handling and storage of raw materials, wastes or by-products should be carried out in a manner so as to minimise the release of visible dust emission. Any piles of materials accumulated on or around the work areas should be cleaned up regularly. Cleaning, repair and maintenance of all plant facilities within the work areas should be carried out in a manner minimising generation of fugitive dust emissions. The material should be handled properly to prevent fugitive dust emission before cleaning.</li> </ul>			
	<i>Disturbed Parts of the Roads</i>			
	<ul style="list-style-type: none"> <li>Each and every main temporary access should be paved with concrete, bituminous hardcore materials or metal plates and kept clear of dusty materials; or</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road surface wet.</li> </ul>	✓	✓	✓
	<i>Exposed Earth</i>			
	<ul style="list-style-type: none"> <li>Exposed earth should be properly treated by compaction, hydroseeding, vegetation planting or seeding with latex, vinyl, bitumen within six months after the last construction activity on the site or part of the site where the exposed earth lies.</li> </ul>	N/A	N/A	N/A
	<i>Loading, Unloading or Transfer of Dusty Materials</i>			

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
	<ul style="list-style-type: none"> <li>All dusty materials should be sprayed with water immediately prior to any loading or transfer operation so as to keep the dusty material wet.</li> </ul>	✓	✓	✓
	<i>Debris Handling</i>			
	<ul style="list-style-type: none"> <li>Any debris should be covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the three sides.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Before debris is dumped into a chute, water should be sprayed so that it remains wet when it is dumped.</li> </ul>	✓	✓	✓
	<i>Transport of Dusty Materials</i>			
	<ul style="list-style-type: none"> <li>Vehicle used for transporting dusty materials/spoils should be covered with tarpaulin or similar material. The cover should extend over the edges of the sides and tailboards.</li> </ul>	✓	✓	✓
	<i>Wheel washing</i>			
	<ul style="list-style-type: none"> <li>Vehicle wheel washing facilities should be provided at each construction site exit. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels.</li> </ul>	✓	✓	✓
	<i>Use of vehicles</i>			
	<ul style="list-style-type: none"> <li>The speed of the trucks within the site should be controlled to about 10km/hour in order to reduce adverse dust impacts and secure the safe movement around the site.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Where a vehicle leaving the construction site is carrying a load of dusty materials, the load should be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle.</li> </ul>	✓	✓	✓
	<i>Site hoarding</i>			
	<ul style="list-style-type: none"> <li>Where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of not less than 2.4m high from ground level should be provided along the entire length of that portion of the site boundary except for a site entrance or exit.</li> </ul>	✓	✓	✓
2.1 & 10.3.1	<p><b>Best Practicable Means for Cement Works (Concrete Batching Plant)</b></p> <p>The relevant best practices for dust control as stipulated in the Guidance Note on the Best Practicable Means for Cement Works (Concrete Batching Plant) BPM 3/2(93) should be followed and implemented to further reduce the construction dust impacts of the Project. These best practices include:</p> <p>Exhaust from Dust Arrestment Plant</p>			

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
	<ul style="list-style-type: none"> <li>Wherever possible the final discharge point from particulate matter arrestment plant, where is not necessary to achieve dispersion from residual pollutants, should be at low level to minimise the effect on the local community in the case of abnormal emissions and to facilitate maintenance and inspection</li> </ul>	N/A	N/A	N/A
	<p>Emission Limits</p> <ul style="list-style-type: none"> <li>All emissions to air, other than steam or water vapour, shall be colourless and free from persistent mist or smoke</li> </ul>	N/A	N/A	N/A
	<p>Engineering Design/Technical Requirements</p> <ul style="list-style-type: none"> <li>As a general guidance, the loading, unloading, handling and storage of fuel, raw materials, products, wastes or by-products should be carried out in a manner so as to prevent the release of visible dust and/or other noxious or offensive emissions</li> </ul>	N/A	N/A	N/A
	<p><b>Non-Road Mobile Machinery (NRMM):</b> All NRMMs operating on-site which are subject to emission control of Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation are approved/exempted (as the case may be) and affixed with the requisite approval/exemption labels.</p>	✓	✓	Obs
<b>Noise Impact (Construction)</b>				
3.1 & 10.4.1	<p><b>Good Site Practice</b> Good site practice and noise management can significantly reduce the impact of construction site activities on nearby NSRs. The following package of measures should be followed during each phase of construction:</p> <ul style="list-style-type: none"> <li>only well-maintained plant to be operated on-site and plant should be serviced regularly during the construction works;</li> <li>machines and plant that may be in intermittent use to be shut down between work periods or should be throttled down to a minimum</li> <li>plant known to emit noise strongly in one direction, should, where possible, be orientated to direct noise away from the NSRs;</li> <li>mobile plant should be sited as far away from NSRs as possible; and</li> <li>material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities.</li> </ul>	✓	✓	✓
	<p><b>Adoption of Quieter PME</b></p>	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
3.1 & 10.4.1	The recommended quieter PME adopted in the assessment were taken from the EPD's QPME Inventory and "Sound Power Levels of Other Commonly Used PME" are presented in <b>Table 4.26</b> in the EIA report. It should be noted that the silenced PME selected for assessment can be found in Hong Kong.	✓	✓	✓
3.1 & 10.4.1	<b>Use of Movable Noise Barriers</b> Movable noise barriers can be very effective in screening noise from particular items of plant when constructing the Project. Noise barriers located along the active works area close to the noise generating component of a PME could produce at least 10 dB(A) screening for stationary plant and 5 dB(A) for mobile plant provided the direct line of sight between the PME and the NSRs is blocked.	✓	✓	✓
3.1 & 10.4.1	<b>Use of Noise Enclosure/ Acoustic Shed</b> The use of noise enclosure or acoustic shed is to cover stationary PME such as air compressor and concrete pump. With the adoption of the noise enclosure, the PME could be completely screened, and noise reduction of 15 dB(A) can be achieved according to the EIAO Guidance Note No. 9/2010.	✓	✓	✓
3.1 & 10.4.1	<b>Use of Noise Insulating Fabric</b> Noise insulating fabric can also be adopted for certain PME (e.g. drill rig, pilling machine etc). The fabric should be lapped such that there are no openings or gaps on the joints. According to the approved Tsim Sha Tsui Station Northern Subway EIA report (AEIAR-127/2008), a noise reduction of 10 dB(A) can be achieved for the PME lapped with the noise insulating fabric.	✓	✓	✓
3.1 & 10.4.1	<b>Scheduling of Construction Works outside School Examination Periods</b> During construction phase, the contractor should liaise with the educational institutions (including NSRs LCS and CRGPS) to obtain the examination schedule and avoid the noisy construction activities during school examination periods.	N/A	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
<b>Water Quality Impact (Construction)</b>				
4.1 & 10.5.1	<p><b>Construction site runoff and drainage</b></p> <p>The site practices outlined in ProPECC Note PN 1/94 should be followed as far as practicable in order to minimise surface runoff and the chance of erosion. The following measures are recommended to protect water quality and sensitive uses of the coastal area, and when properly implemented should be sufficient to adequately control site discharges so as to avoid water quality impacts:</p> <ul style="list-style-type: none"> <li>At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels, earth bunds or sand bag barriers should be provided on site to direct storm water to silt removal facilities. The design of the temporary on-site drainage system should be undertaken by the WKCDA's Contractor prior to the commencement of construction;</li> <li>Sand/silt removal facilities such as sand/silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC Note PN 1/94. Sizes may vary depending upon the flow rate. The detailed design of the sand/silt traps should be undertaken by the WKCDA's Contractor prior to the commencement of construction.</li> <li>All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit should be regularly removed, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.</li> <li>Measures should be taken to minimize the ingress of site drainage into excavations. If excavation of trenches in wet periods is necessary, they should be dug and backfilled in short sections wherever practicable. Water pumped out from foundation excavations should be discharged into storm drains via silt removal facilities.</li> </ul>	✓	✓	✓
		✓	✓	✓
		✓	Obs	Obs
		✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
	<ul style="list-style-type: none"> <li>All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facility should be provided at construction site exit where practicable. Wash-water should have sand and silt settled out and removed regularly to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.</li> </ul>	✓	✓	Obs
	<ul style="list-style-type: none"> <li>Manholes (including newly constructed ones) should be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and stormwater runoff being directed into foul sewers.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Precautions should be taken at any time of the year when rainstorms are likely. Actions should be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarized in Appendix A2 of ProPECC Note PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events, especially for areas located near steep slopes.</li> </ul>	✓	✓	Rem
	<ul style="list-style-type: none"> <li>Bentonite slurries used in piling or slurry walling should be reconditioned and reused wherever practicable. Temporary enclosed storage locations should be provided on-site for any unused bentonite that needs to be transported away after all the related construction activities are completed. The requirements in ProPECC Note PN 1/94 should be adhered to in the handling and disposal of bentonite slurries.</li> </ul>	N/A	N/A	N/A
	<p><b>Barging facilities and activities</b></p> <p>Recommendations for good site practices during operation of the proposed barging point include:</p>			
	<ul style="list-style-type: none"> <li>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;</li> </ul>	N/A	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
	<ul style="list-style-type: none"> <li>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;</li> <li>All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; and</li> <li>Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site.</li> </ul>	N/A	N/A	N/A
4.1 & 10.5.1	<p><b>Sewage effluent from construction workforce</b></p> <p>Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.</p>	✓	✓	✓
4.1 & 10.5.1	<p><b>General construction activities</b></p> <ul style="list-style-type: none"> <li>Construction solid waste, debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering any nearby storm water drain. Stockpiles of cement and other construction materials should be kept covered when not being used.</li> <li>Oils and fuels should only be stored in designated areas which have pollution prevention facilities. To prevent spillage of fuels and solvents to any nearby storm water drain, all fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event.</li> </ul>	✓	✓	Obs
		Obs	Obs	Obs
<b>Waste Management Implications (Construction)</b>				
6.1 & 10.7.1	<p><b>Good Site Practices</b></p> <p>Recommendations for good site practices during the construction activities include:</p> <ul style="list-style-type: none"> <li>Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site</li> <li>Training of site personnel in proper waste management and chemical handling procedures</li> <li>Provision of sufficient waste disposal points and regular collection of waste</li> </ul>	✓	✓	✓
		✓	✓	✓
		Obs, Rem	Obs, Rem	Rem

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
	<ul style="list-style-type: none"> <li>Appropriate measures to minimise windblown litter and dust/odour during transportation of waste by either covering trucks or by transporting wastes in enclosed containers</li> <li>Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads</li> <li>Well planned delivery programme for offsite disposal such that adverse environmental impact from transporting the inert or non-inert C&amp;D materials is not anticipated</li> </ul>	✓	✓	✓
6.1 & 10.7.1	<p><b>Waste Reduction Measures</b></p> <p>Recommendations to achieve waste reduction include:</p> <ul style="list-style-type: none"> <li>Sort inert C&amp;D material to recover any recyclable portions such as metals</li> <li>Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal</li> <li>Encourage collection of recyclable waste such as waste paper and aluminium cans by providing separate labelled bins to enable such waste to be segregated from other general refuse generated by the work force</li> <li>Proper site practices to minimise the potential for damage or contamination of inert C&amp;D materials</li> <li>Plan the use of construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of wastes</li> </ul>	✓	✓	✓
6.1 & 10.7.1	<p><b>Inert and Non-inert C&amp;D Materials</b></p> <p>In order to minimise impacts resulting from collection and transportation of inert C&amp;D material for off-site disposal, the excavated materials should be reused on-site as fill material as far as practicable. In addition, inert C&amp;D material generated from excavation works could be reused as fill materials in local projects that require public fill for reclamation.</p> <ul style="list-style-type: none"> <li>The surplus inert C&amp;D material will be disposed of at the Government's PFRFs for beneficial use by other projects in Hong Kong.</li> <li>Liaison with the CEDD Public Fill Committee (PFC) on the allocation of space for disposal of the inert C&amp;D materials at PFRF is underway. No construction work is allowed to proceed until all issues on management of inert C&amp;D materials have been resolved and all relevant arrangements have been endorsed by the relevant authorities including PFC and EPD.</li> </ul>	✓	✓	✓

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
	<ul style="list-style-type: none"> <li>The C&amp;D materials generated from general site clearance should be sorted on site to segregate any inert materials for reuse or disposal of at PFRFs whereas the non-inert materials will be disposed of at the designated landfill site.</li> <li>In order to monitor the disposal of inert and non-inert C&amp;D materials at respectively PFRFs and the designated landfill site, and to control fly-tipping, it is recommended that the Contractor should follow the Technical Circular (Works) No. 6/2010 for Trip Ticket System for Disposal of Construction &amp; Demolition Materials issued by Development Bureau. In addition, it is also recommended that the Contractor should prepare and implement a Waste Management Plan detailing their various waste arising and waste management practices in accordance with the relevant requirements of the Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site.</li> </ul>	✓	✓	✓
6.1 & 10.7.1	<p><b>Chemical Waste</b></p> <ul style="list-style-type: none"> <li>If chemical wastes are produced at the construction site, the Contractor will be required to register with the EPD as a chemical waste producer and to follow the guidelines stated in the "Code of Practice on the 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 chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor should use a licensed collector to transport and dispose of the chemical wastes at the approved Chemical Waste Treatment Centre or other licensed recycling facilities, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.</li> <li>Potential environmental impacts arising from the handling activities (including storage, collection, transportation and disposal of chemical waste) are expected to be minimal with the implementation of appropriate mitigation measures as recommended.</li> </ul>	✓	✓	✓
6.1 & 10.7.1	<p><b>General Refuse</b></p> <p>General refuse should be stored in enclosed bins or compaction units separated from inert C&amp;D materials. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from inert C&amp;D materials. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.</p>	✓	✓	Rem

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
<b>Land Contamination (Construction)</b>				
7.1 & 10.8.1	<p>The potential for land contamination issues at the TST Fire Station due to its future relocation will be confirmed by site investigation after land acquisition. Where necessary, mitigation measures for minimising potential exposure to contaminated materials (if any) or remediation measures will be identified. If contaminated land is identified (e.g., during decommissioning of fuel oil storage tanks) after the commencement of works, mitigation measures are proposed in order to minimise the potentially adverse effects on the health and safety of construction workers and impacts arising from the disposal of potentially contaminated materials.</p> <p>The following measures are proposed for excavation and transportation of contaminated material:</p> <ul style="list-style-type: none"> <li>To minimize the chance for construction workers to come into contact with any contaminated materials, bulk earth-moving excavation equipment should be employed;</li> <li>Contact with contaminated materials can be minimised by wearing appropriate clothing and personal protective equipment such as gloves and masks (especially when interacting directly with contaminated material), provision of washing facilities and prohibition of smoking and eating on site;</li> <li>Stockpiling of contaminated excavated materials on site should be avoided as far as possible;</li> <li>The use of contaminated soil for landscaping purpose should be avoided unless pre-treatment was carried out;</li> <li>Vehicles containing any contaminated excavated materials should be suitably covered to reduce dust emissions and/or release of contaminated wastewater;</li> <li>Truck bodies and tailgates should be sealed to stop any discharge;</li> <li>Only licensed waste haulers should be used to collect and transport contaminated material to treatment/disposal site and should be equipped with tracking system to avoid fly tipping;</li> <li>Speed control for trucks carrying contaminated materials should be exercised;</li> <li>Observe all relevant regulations in relation to waste handling, such as Waste Disposal Ordinance (Cap. 354), Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354) and obtain all necessary permits where required; and</li> </ul>	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A

EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
	<ul style="list-style-type: none"> <li>Maintain records of waste generation and disposal quantities and disposal arrangements.</li> </ul>	N/A	N/A	N/A
<b>Ecological Impact (Construction)</b>				
No mitigation measure is required.				
<b>Landscape and Visual Impact (Construction)</b>				
Table 9.1 & 10.8 (CM1)	Trees should be retained in situ on site as far as possible. Should tree removal be unavoidable due to construction impacts, trees will be transplanted or felled with reference to the stated criteria in the Tree Removal Applications to be submitted to relevant government departments for approval in accordance to ETWB TCW No. 29/2004 and 3/2006.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM2)	Compensatory tree planting shall be incorporated to the proposed project and maximize the new tree, shrubs and other vegetation planting to compensate tree felled and vegetation removed. Also, implementation of compensatory planting should be of a ratio not less than 1:1 in terms of quality and quantity within the site.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM3)	Buffer trees for screening purposes to soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM4)	Softscape treatments such as vertical green wall panel /planting of climbing and/or weeping plants, etc, to maximize the green coverage and soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM5)	Roof greening by means of intensive and extensive green roof to maximize the green coverage and improve aesthetic appeal and visual quality of the building/structure.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM6)	Sensitive streetscape design should be incorporated along all new roads and streets.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM7)	Structure, ornamental planting shall be provided along amenity strips to enhance the landscape quality.	N/A	N/A	N/A
Table 9.1 & 10.8 (CM8)	Landscape design shall be incorporated to architectural and engineering structures in order to provide aesthetically pleasing designs.	N/A	N/A	N/A
Table 9.1 (CM9)	Minimize the structure of marine facilities to be built on the seabed and foreshore in order to minimize the affected extent to the waterbody	N/A	N/A	N/A

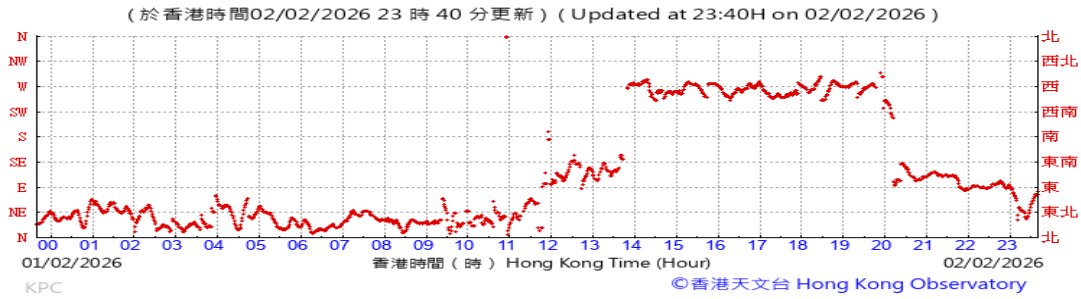
EM&A Ref.	Recommendation Measures	Implementation Stage		
		Feb 2026	Mar 2026	Apr 2026
Table 9.2 & 10.9 (MCP1)	Use of decorative screen hoarding/boards	✓	✓	✓
Table 9.2 & 10.9 (MCP2)	Early introduction of landscape treatments	N/A	N/A	N/A
Table 9.2 & 10.9 (MCP3)	Adoption of light colour for the temporary ventilation shafts for the basement during the transition period.	N/A	N/A	N/A
Table 9.2 & 10.9 (MCP4)	Control of night time lighting	N/A	N/A	N/A
Table 9.2 & 10.9 (MCP5)	Use of greenery such as grass cover for the temporary open areas will help achieve the visual balance and soften the hard edges of the structures.	N/A	N/A	N/A

N/A	-	Not Applicable
✓	-	Implemented
Obs	-	Observed
Rem	-	Reminder

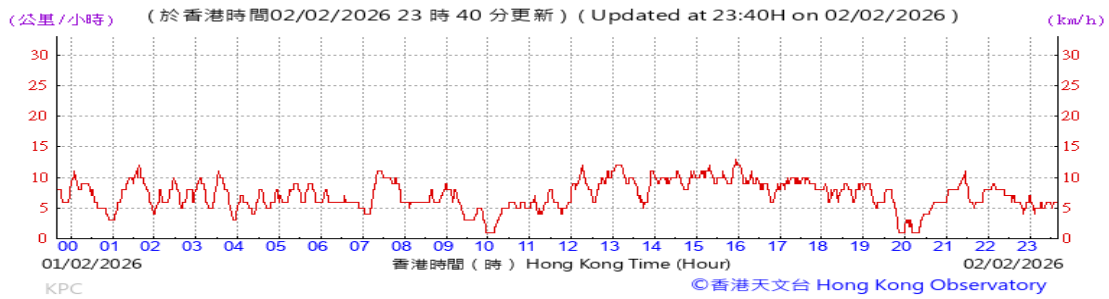
## **D. Meteorological Data Extracted from Hong Kong Observatory**

**Table D-1: Extract of Meteorological Observations for King's Park Automatic Weather Station in the reporting quarter**

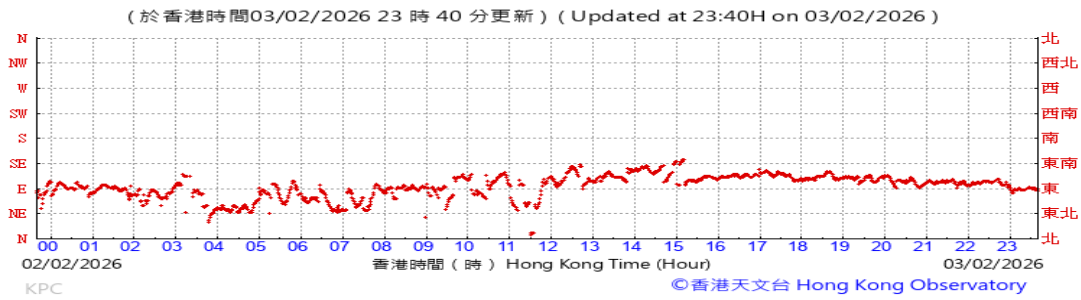
Wind Direction:



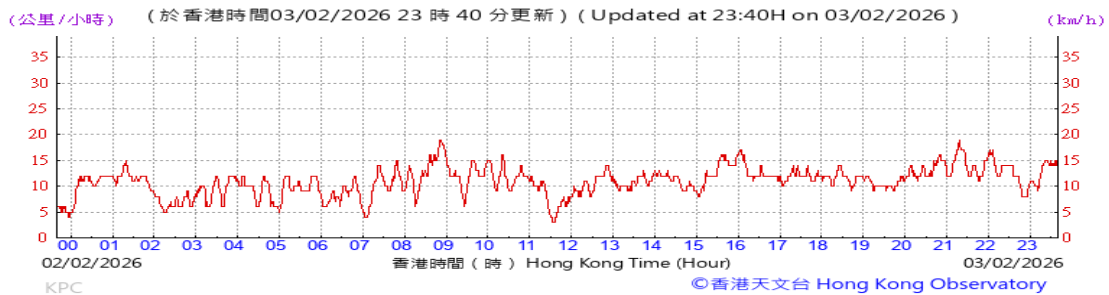
Wind Speed:



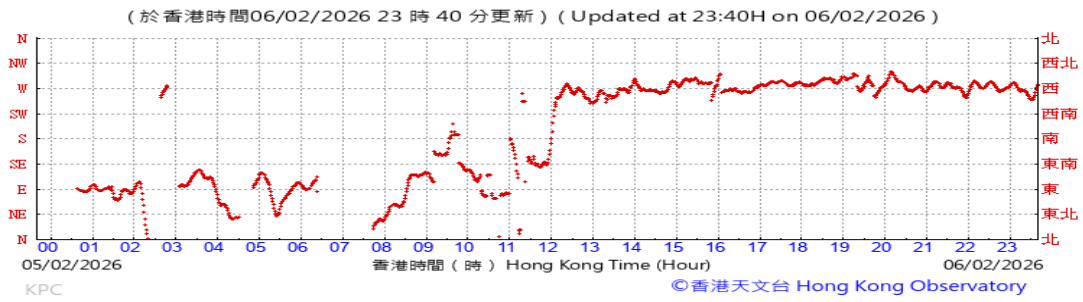
Wind Direction:



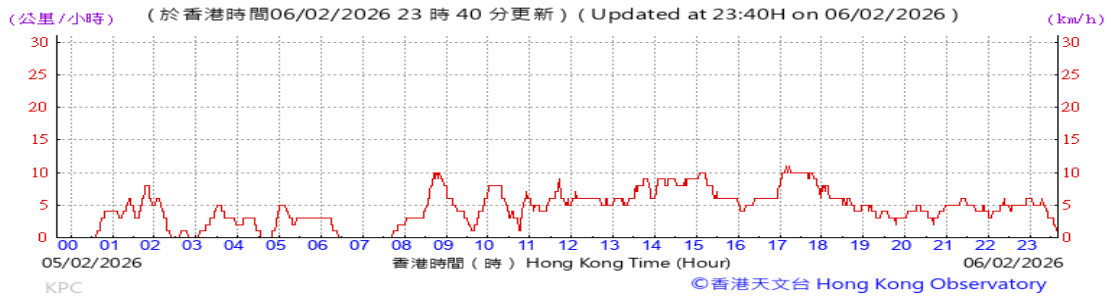
Wind Speed:



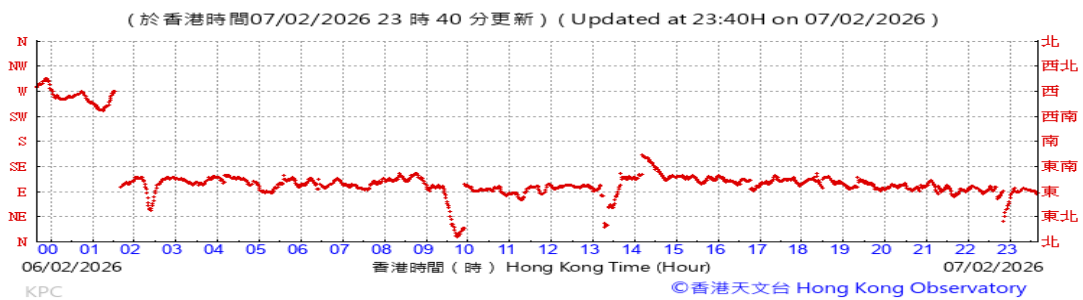
Wind Direction:



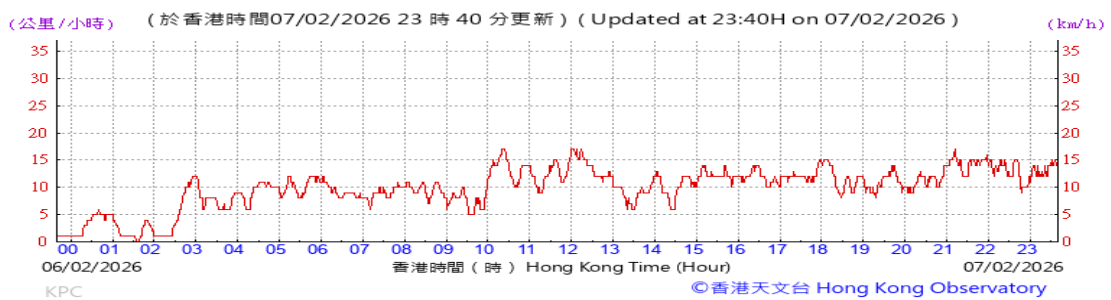
Wind Speed:



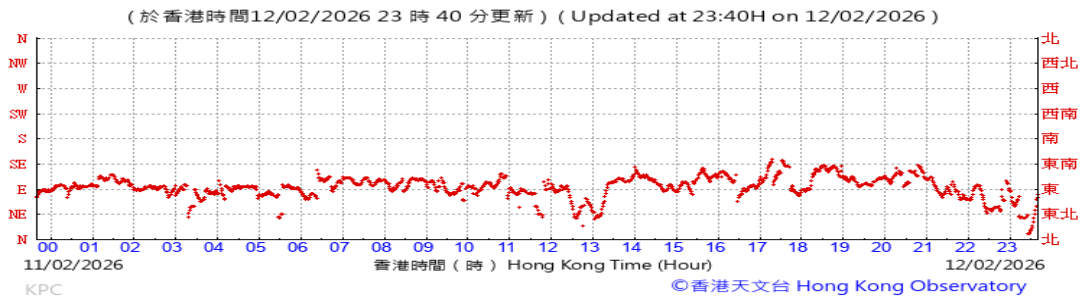
Wind Direction:



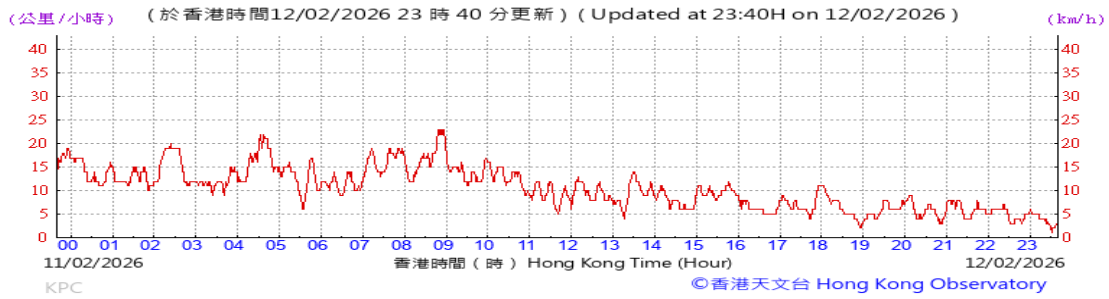
Wind Speed:



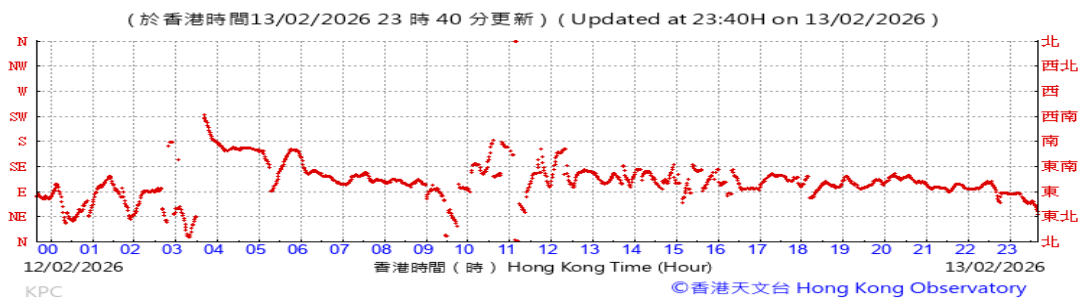
Wind Direction:



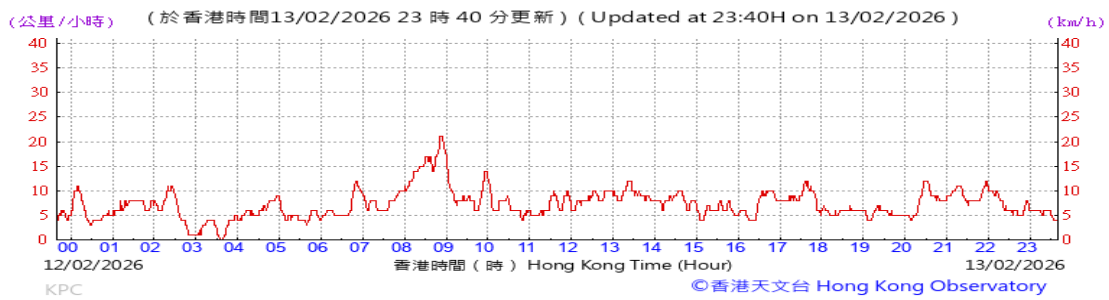
Wind Speed:



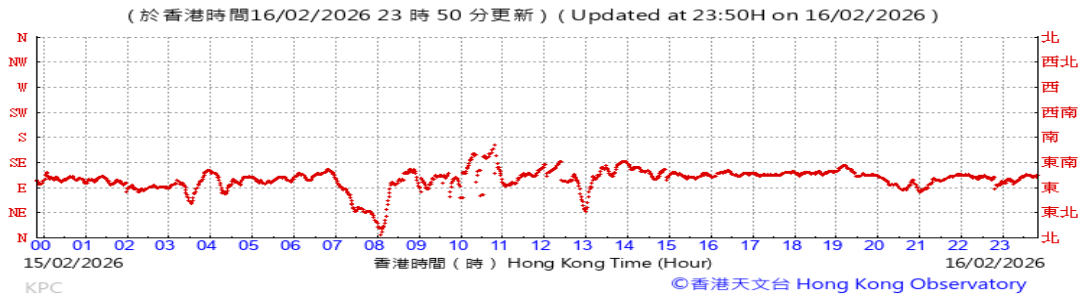
Wind Direction:



Wind Speed:



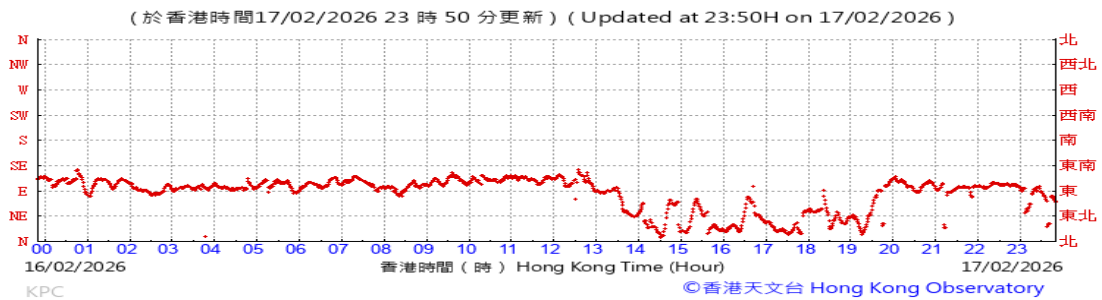
Wind Direction:



Wind Speed:



Wind Direction:



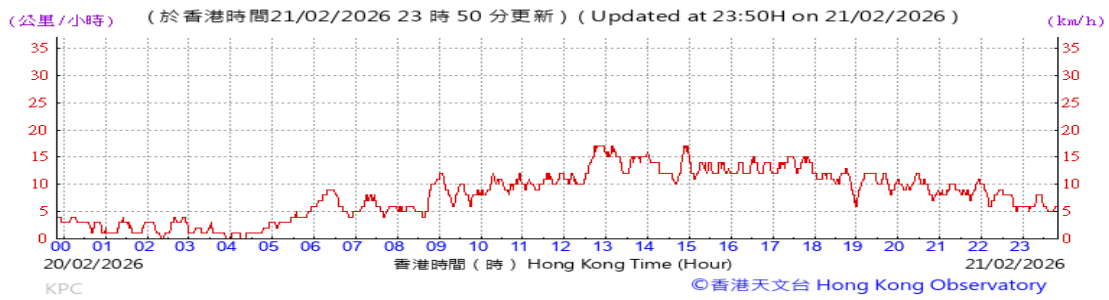
Wind Speed:



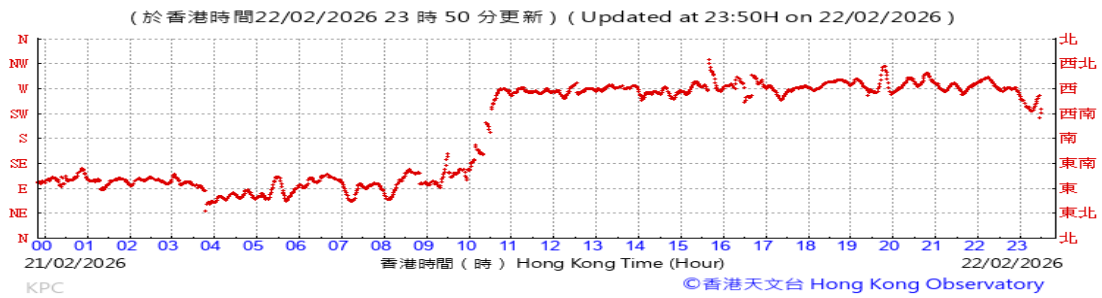
Wind Direction:



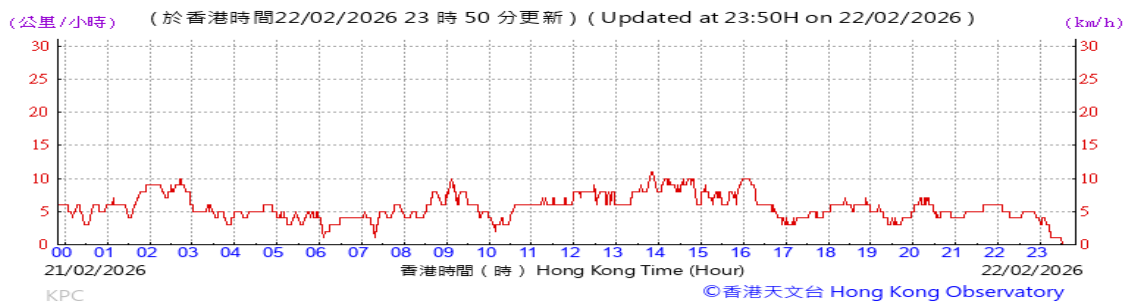
Wind Speed:



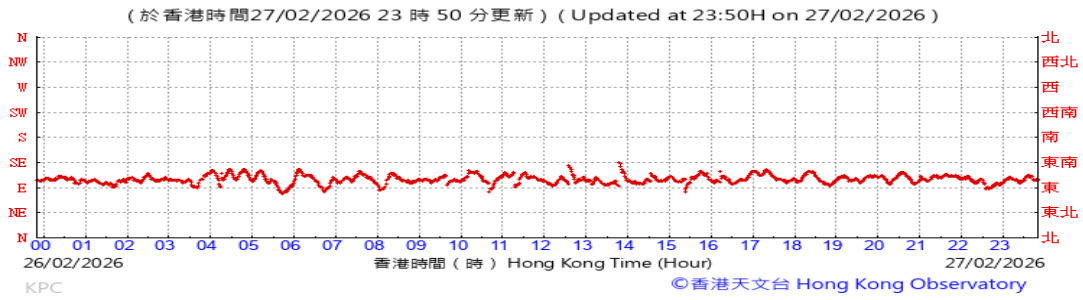
Wind Direction:



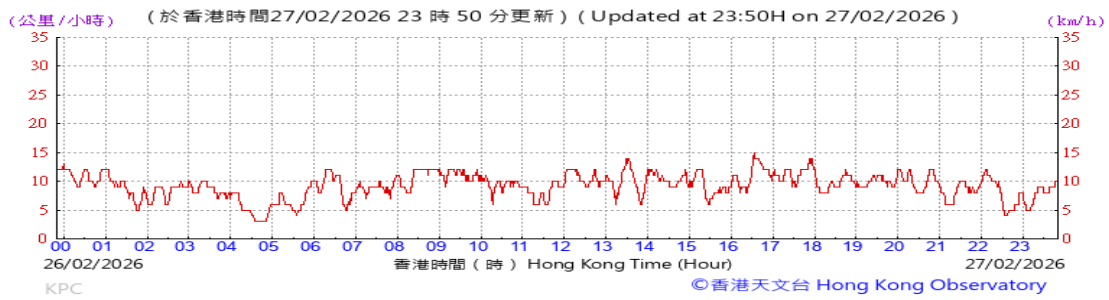
Wind Speed:



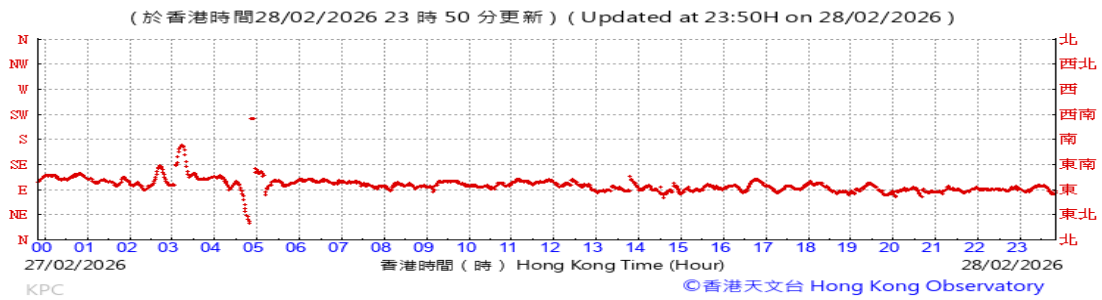
Wind Direction:



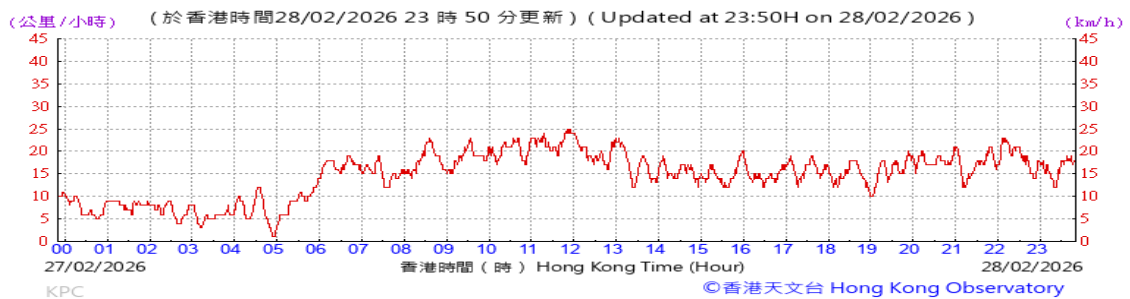
Wind Speed:



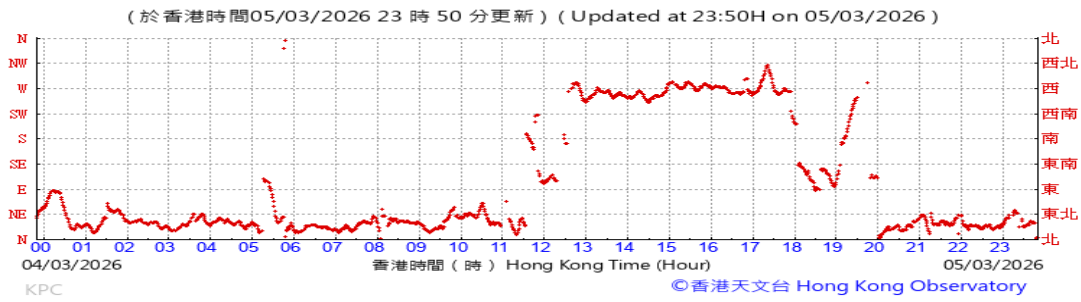
Wind Direction:



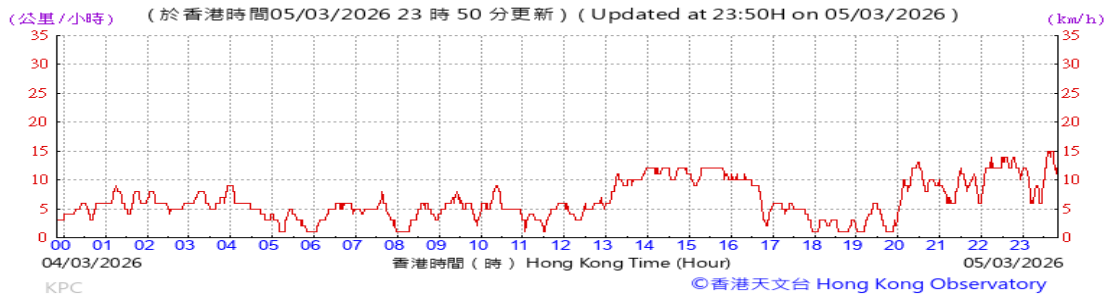
Wind Speed:



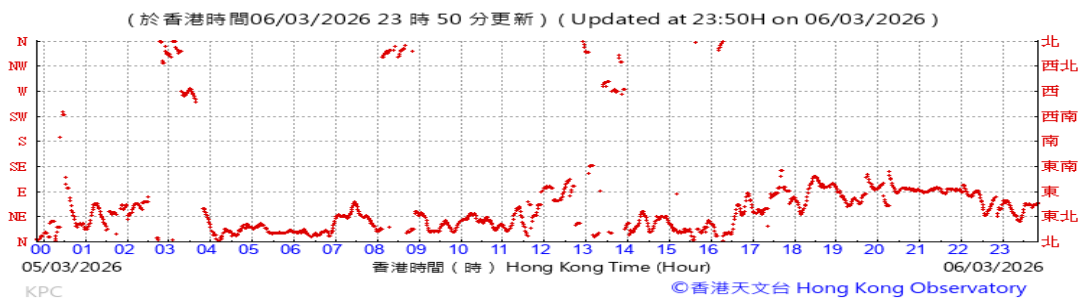
Wind Direction:



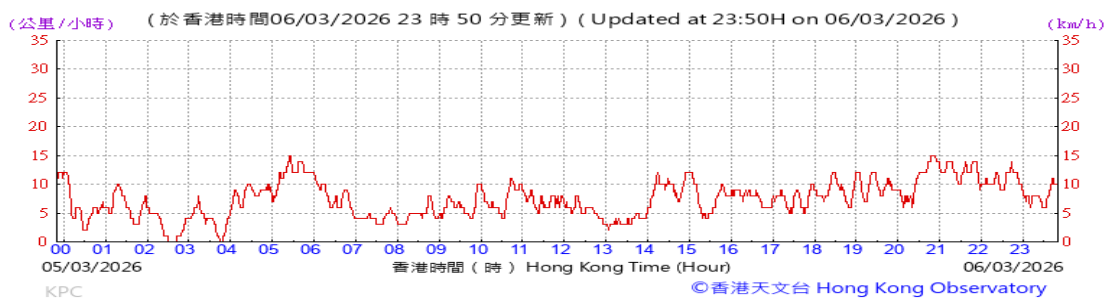
Wind Speed:



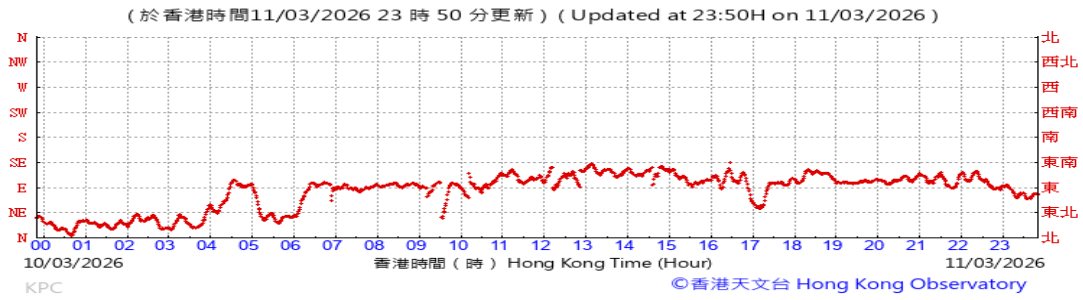
Wind Direction:



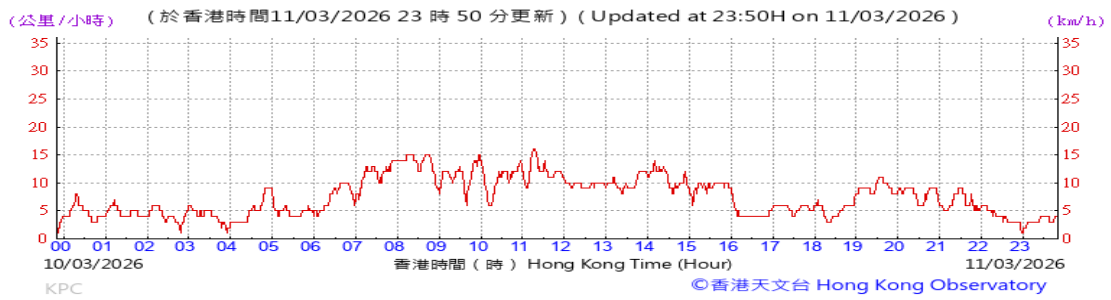
Wind Speed:



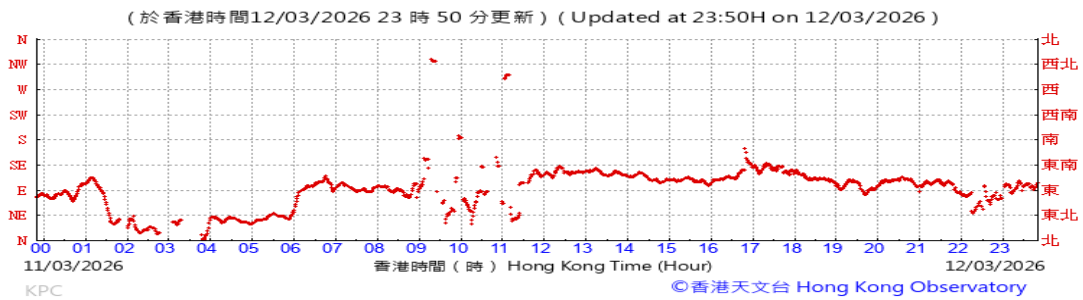
Wind Direction:



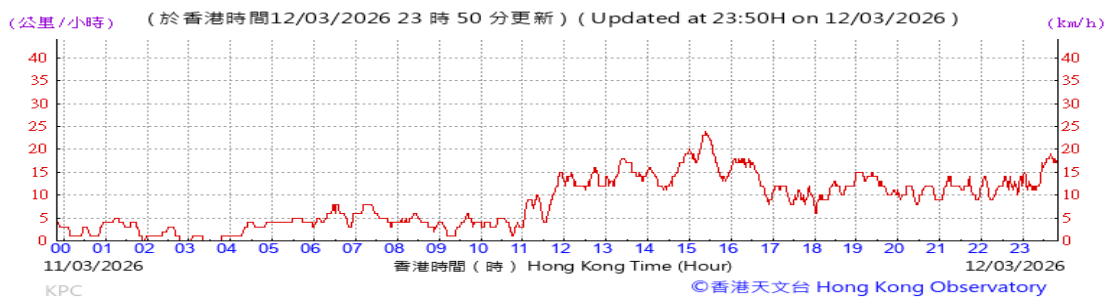
Wind Speed:



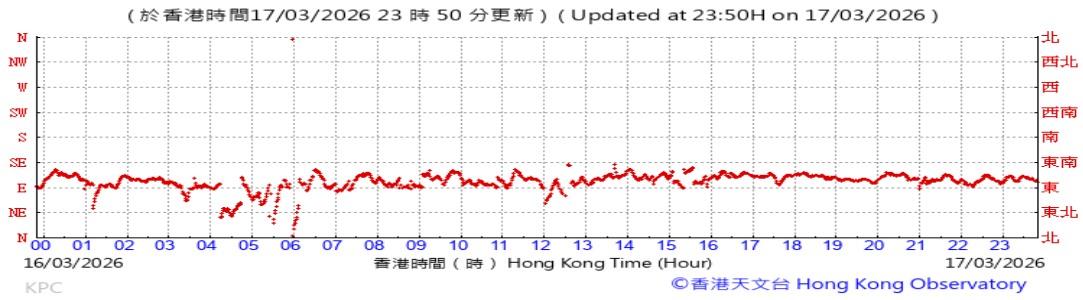
Wind Direction:



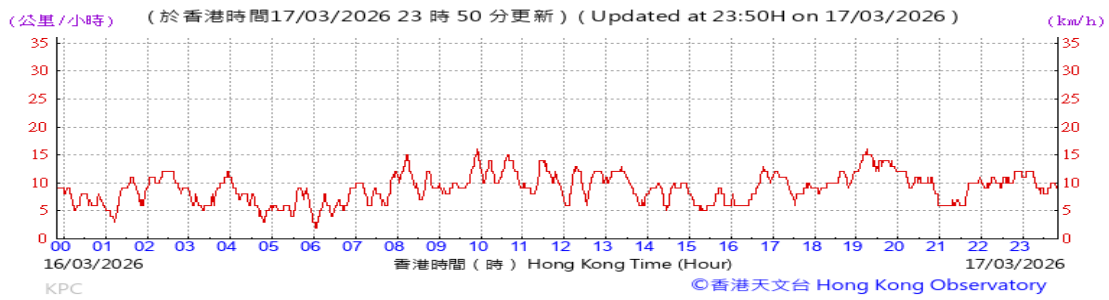
Wind Speed:



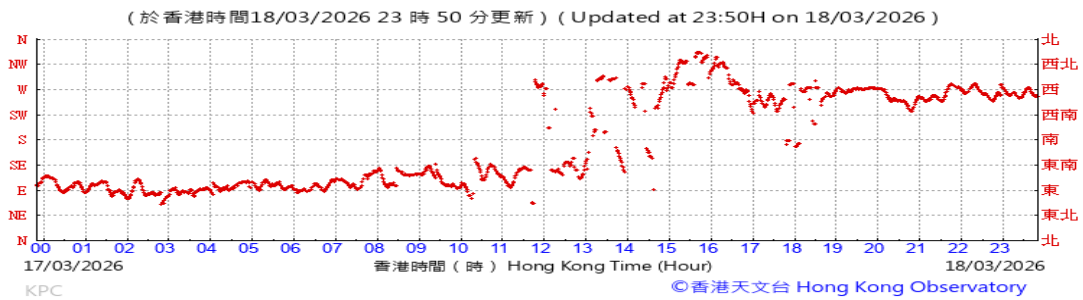
Wind Direction:



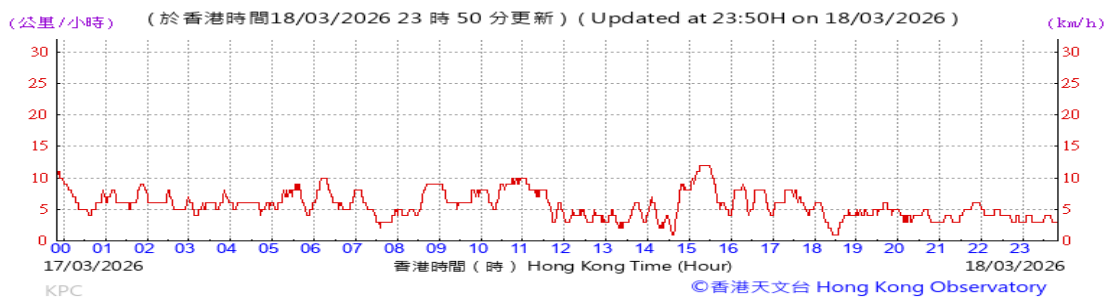
Wind Speed:



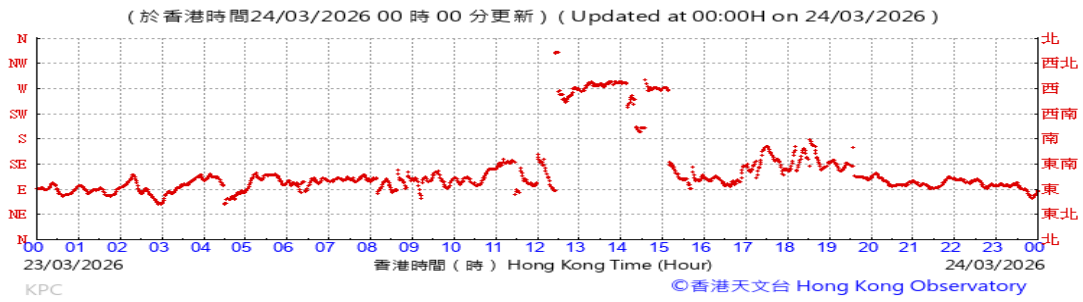
Wind Direction:



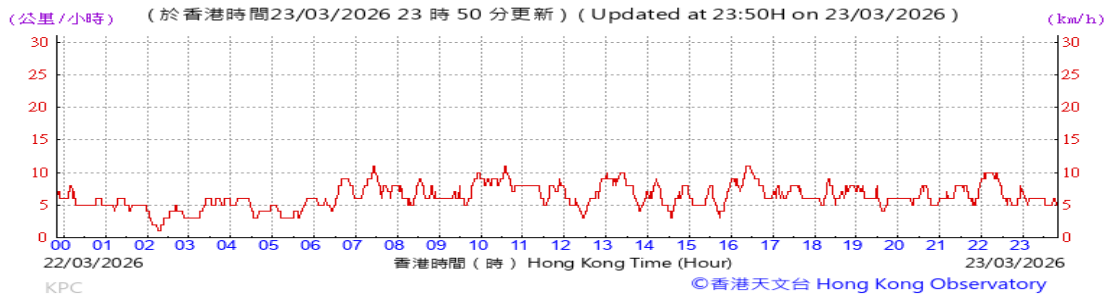
Wind Speed:



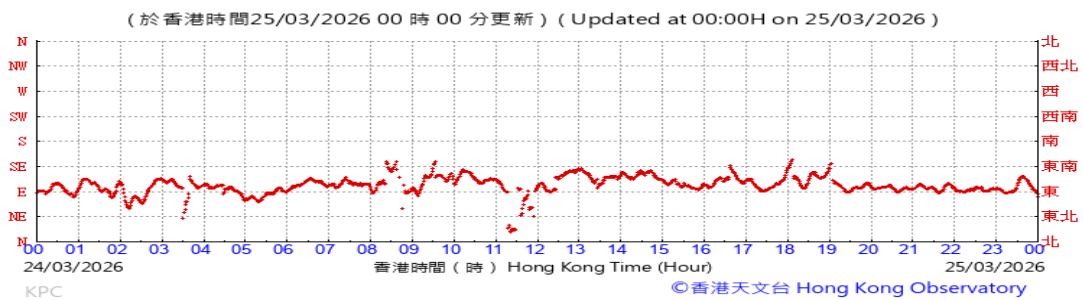
Wind Direction:



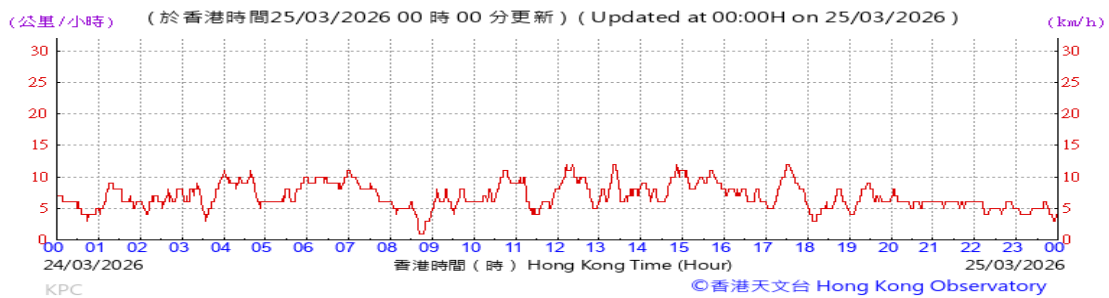
Wind Speed:



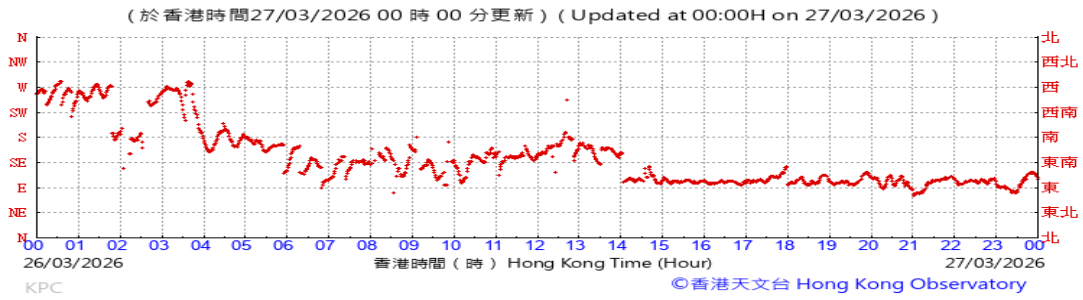
Wind Direction:



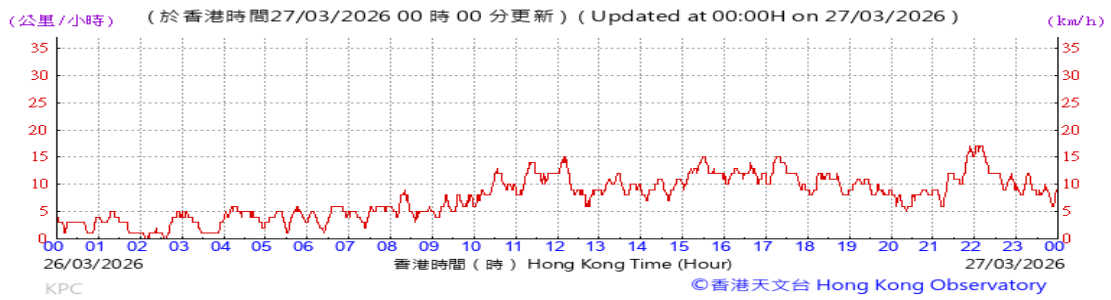
Wind Speed:



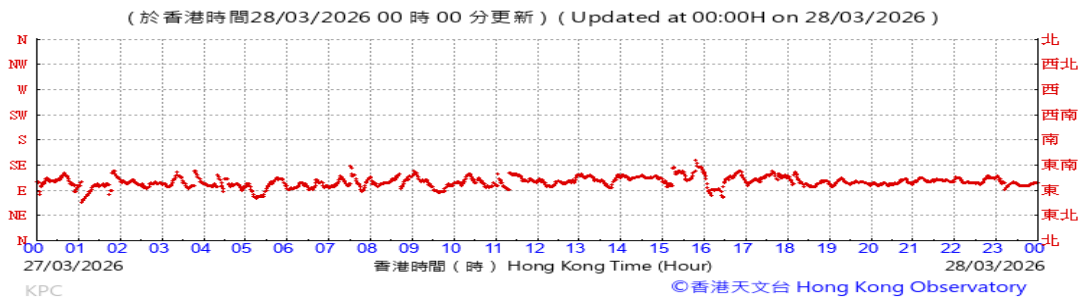
Wind Direction:



Wind Speed:



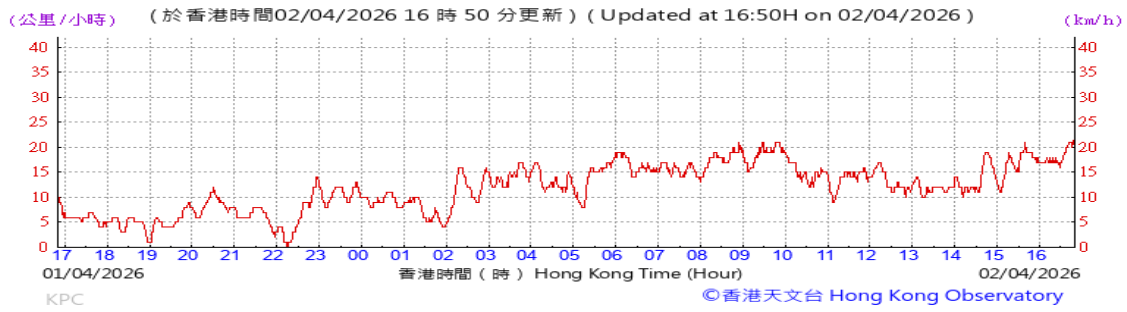
Wind Direction:



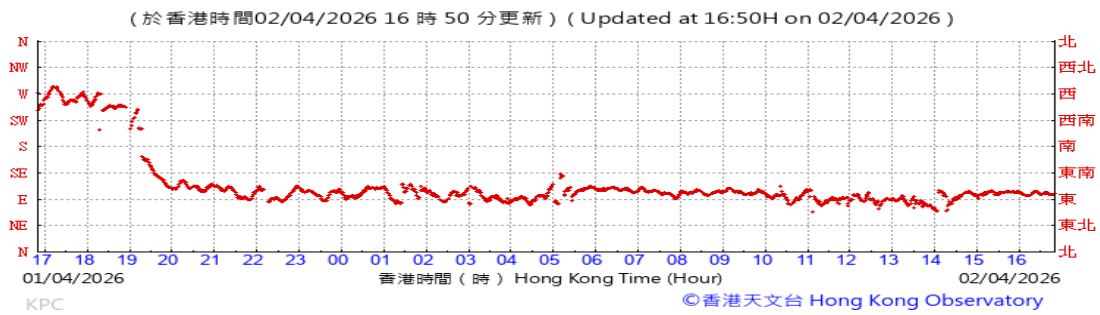
Wind Speed:



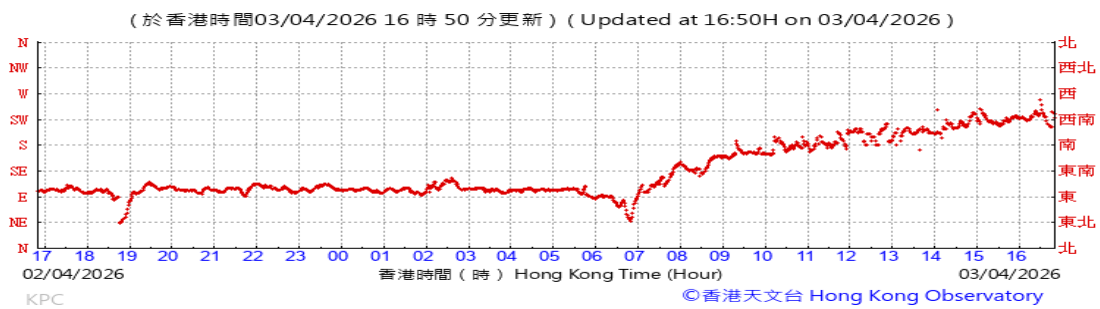
Wind Direction:



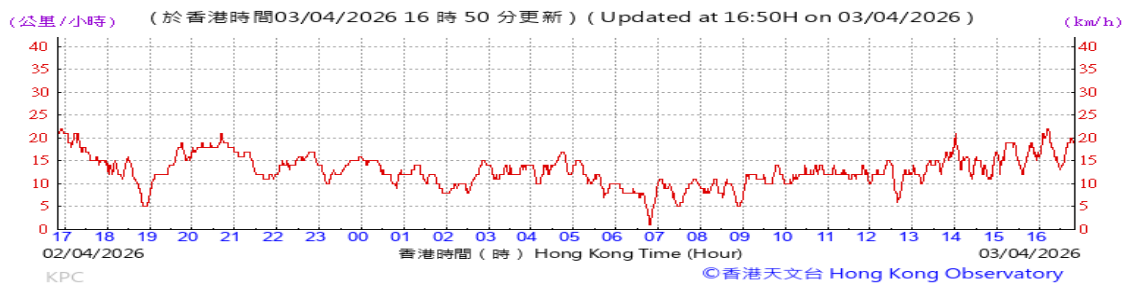
Wind Speed:



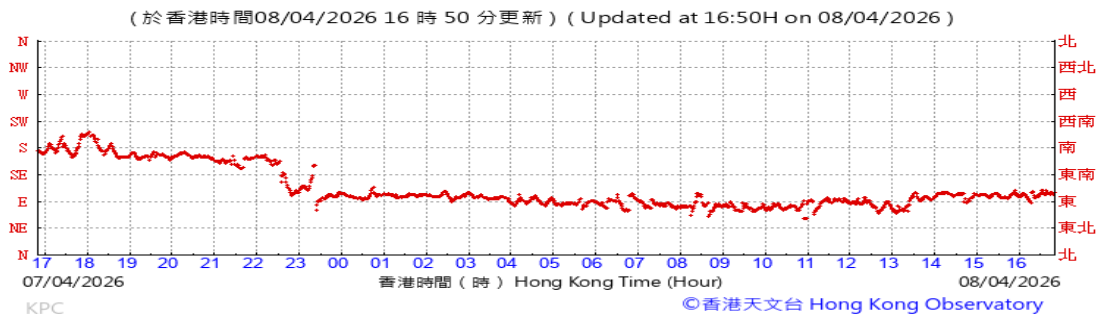
Wind Direction:



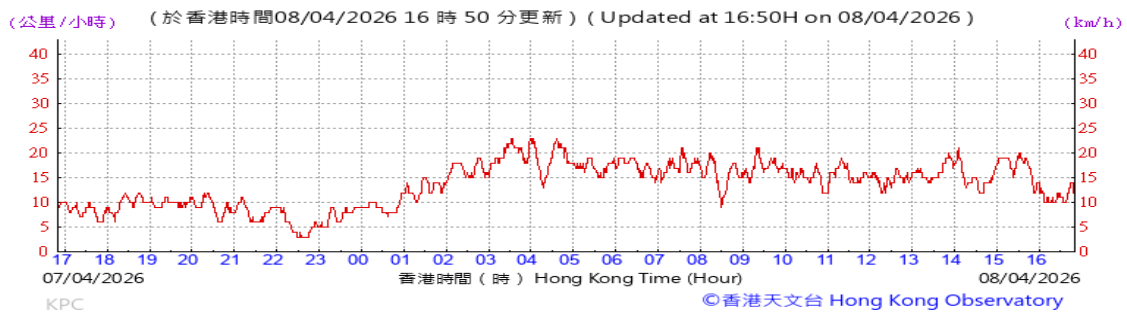
Wind Speed:



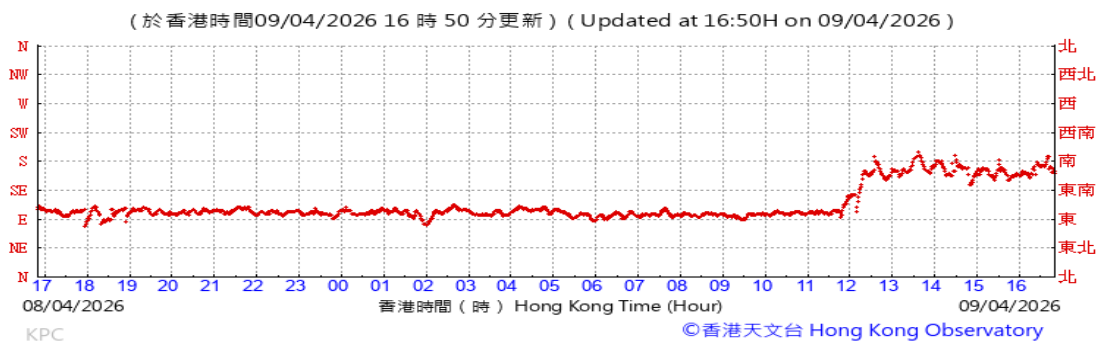
Wind Direction:



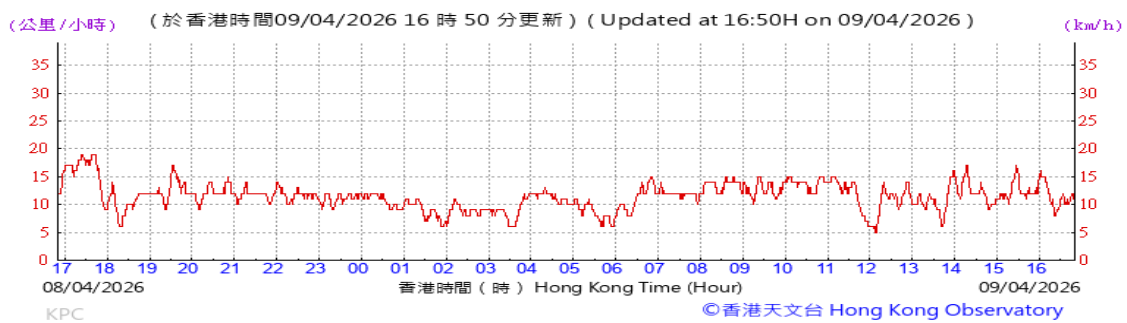
Wind Speed:



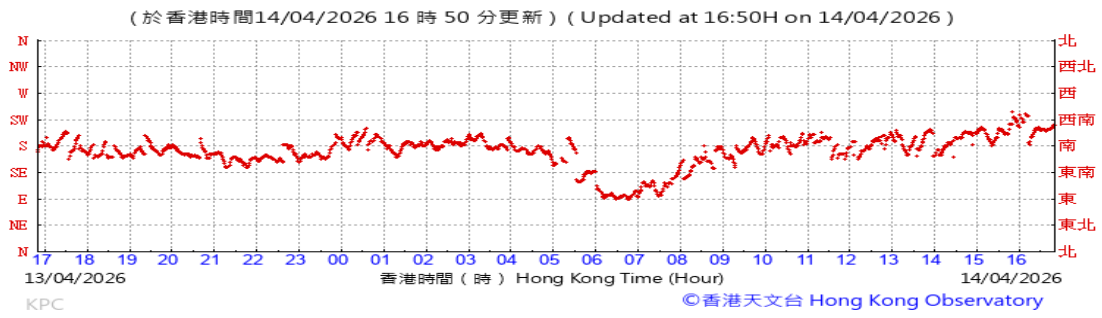
Wind Direction:



Wind Speed:



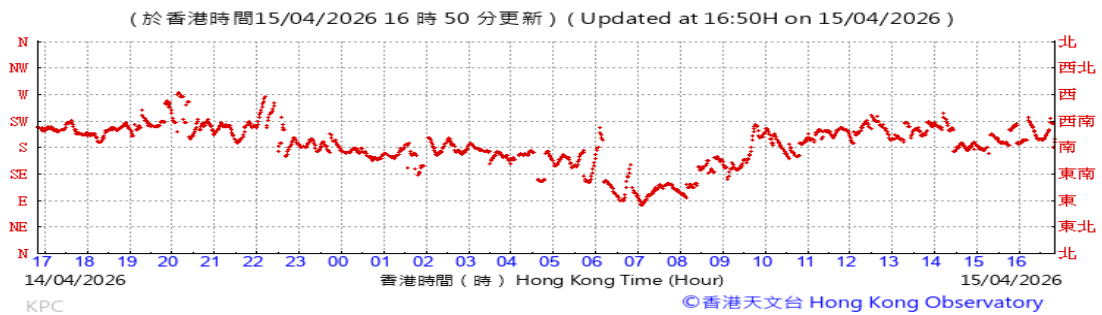
Wind Direction:



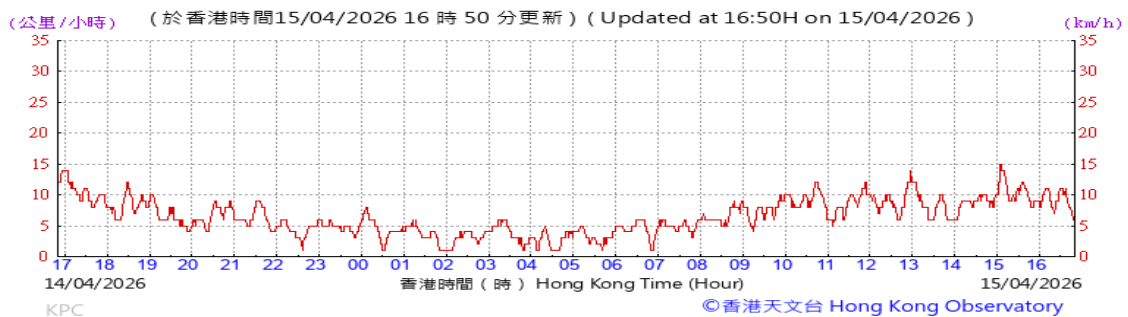
Wind Speed:



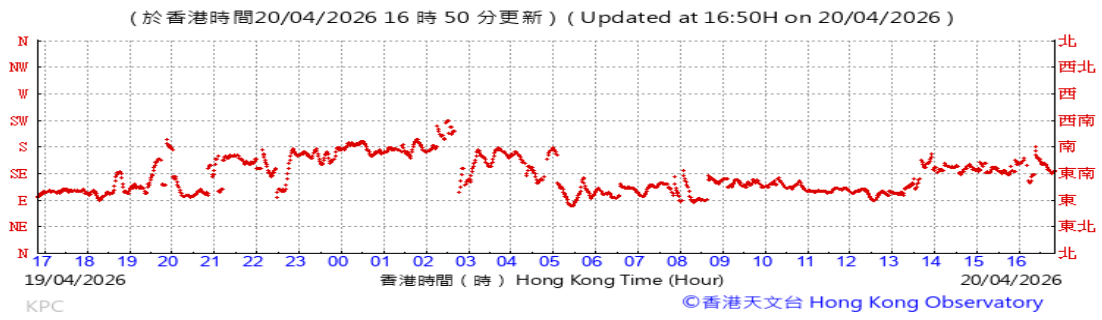
Wind Direction:



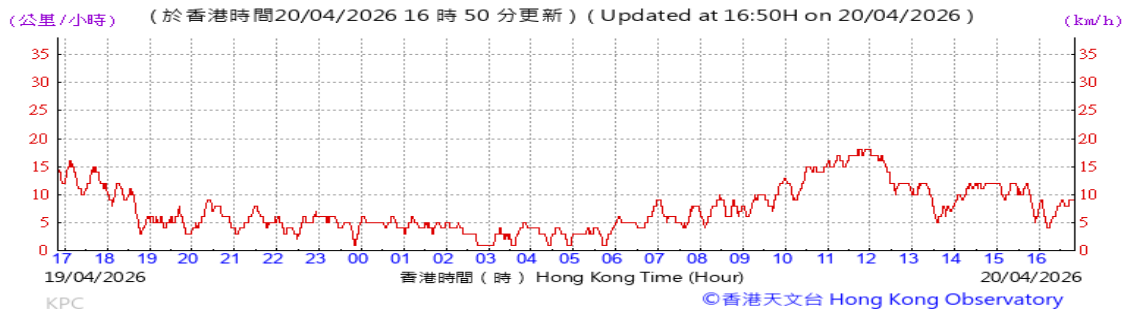
Wind Speed:



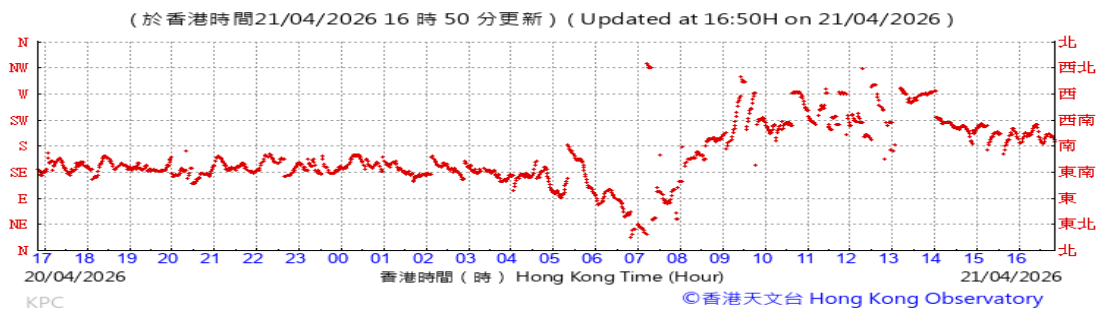
Wind Direction:



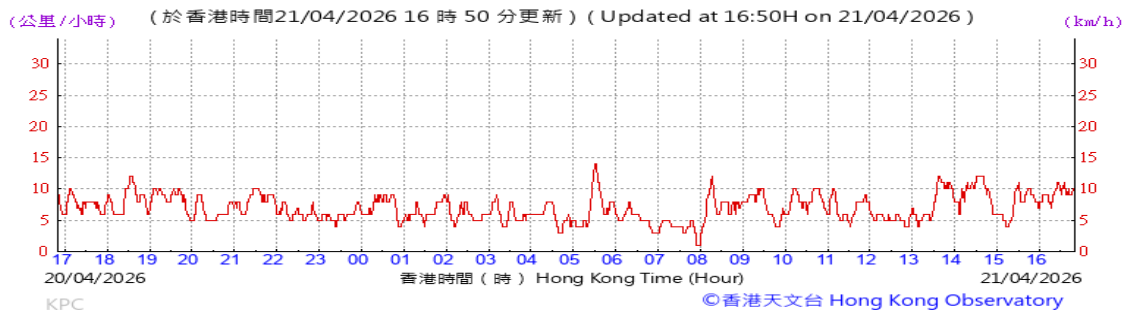
Wind Speed:



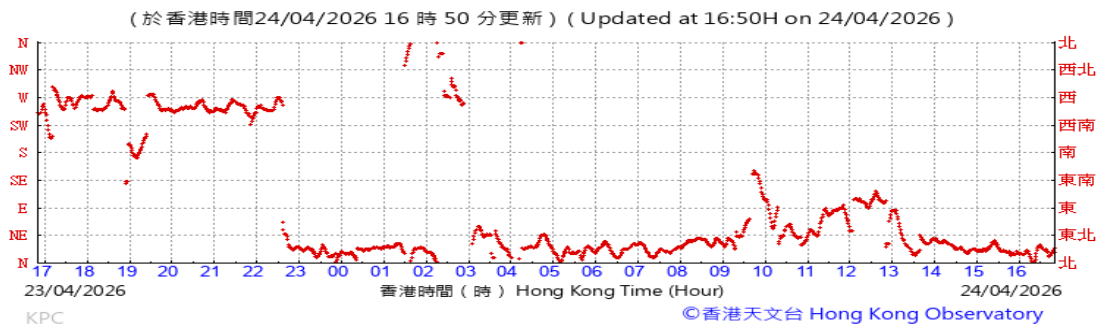
Wind Direction:



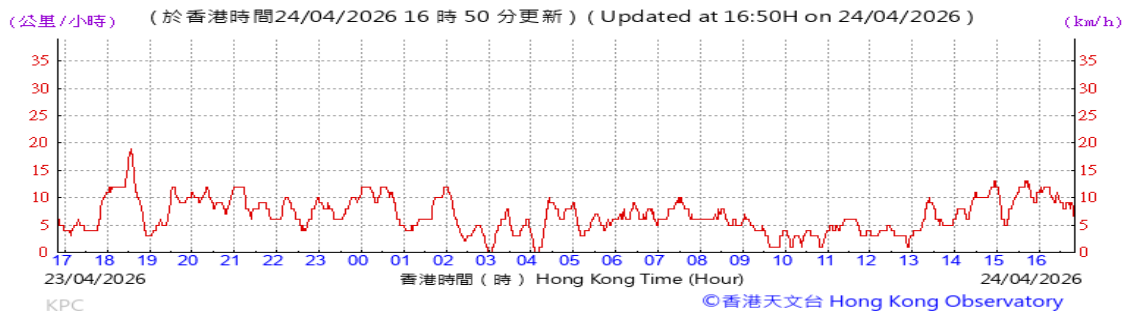
Wind Speed:



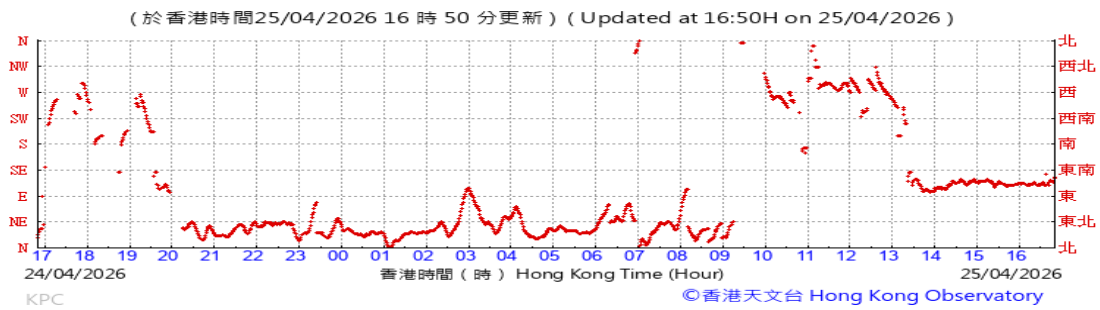
Wind Direction:



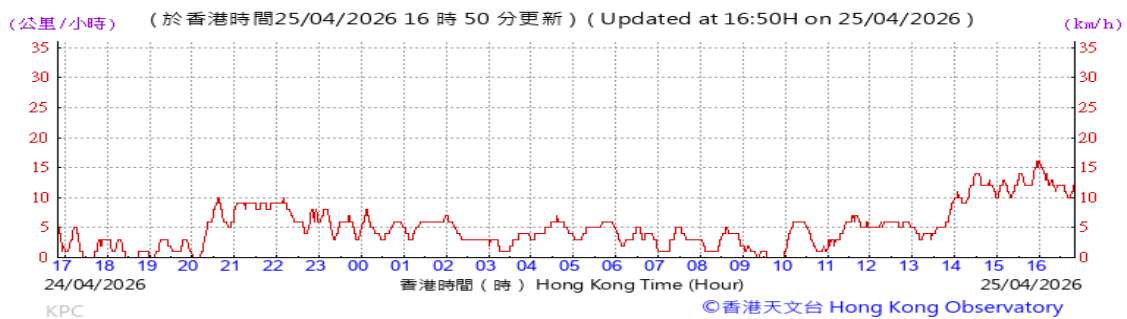
Wind Speed:



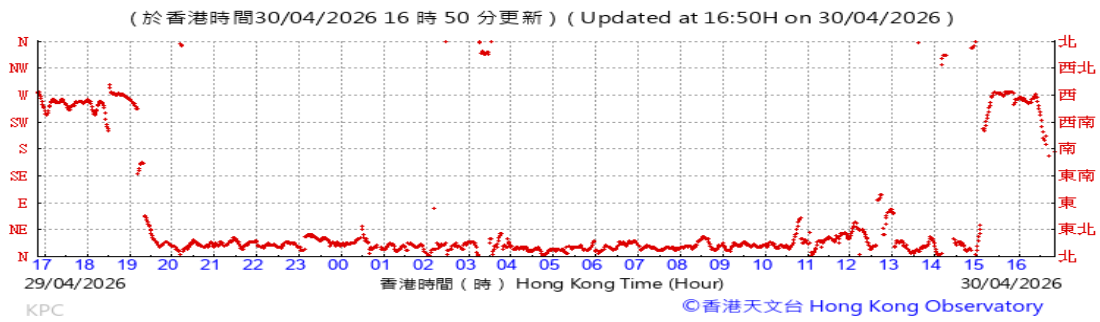
Wind Direction:



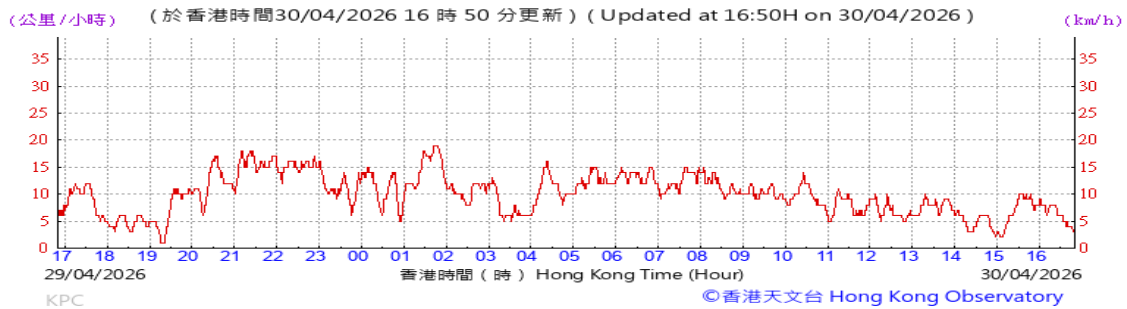
Wind Speed:



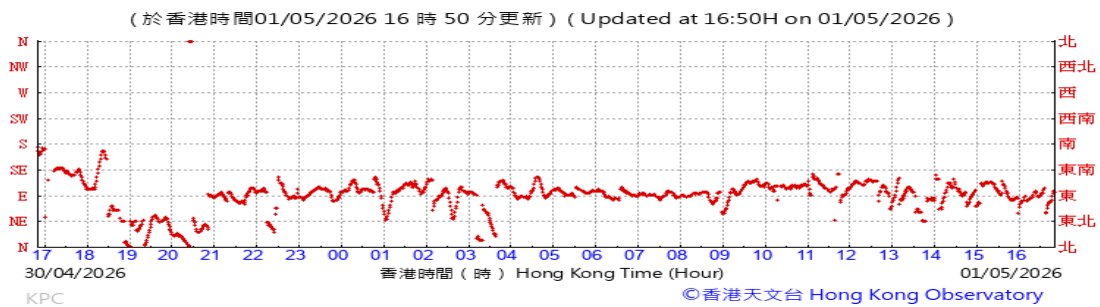
Wind Direction:



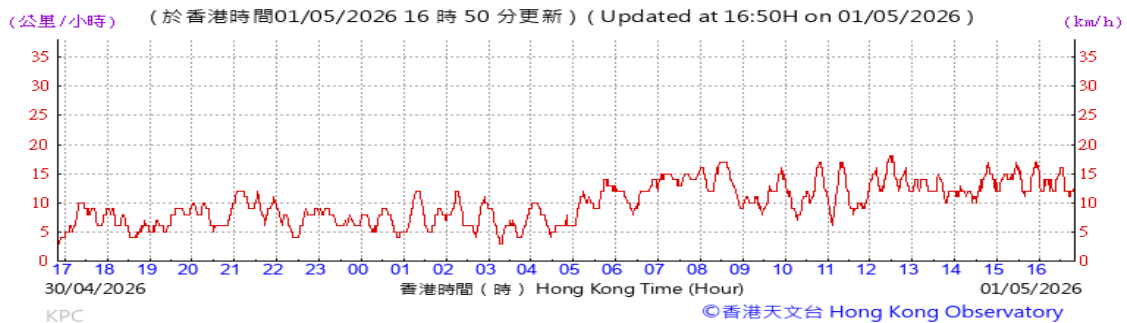
Wind Speed:



Wind Direction:



Wind Speed:

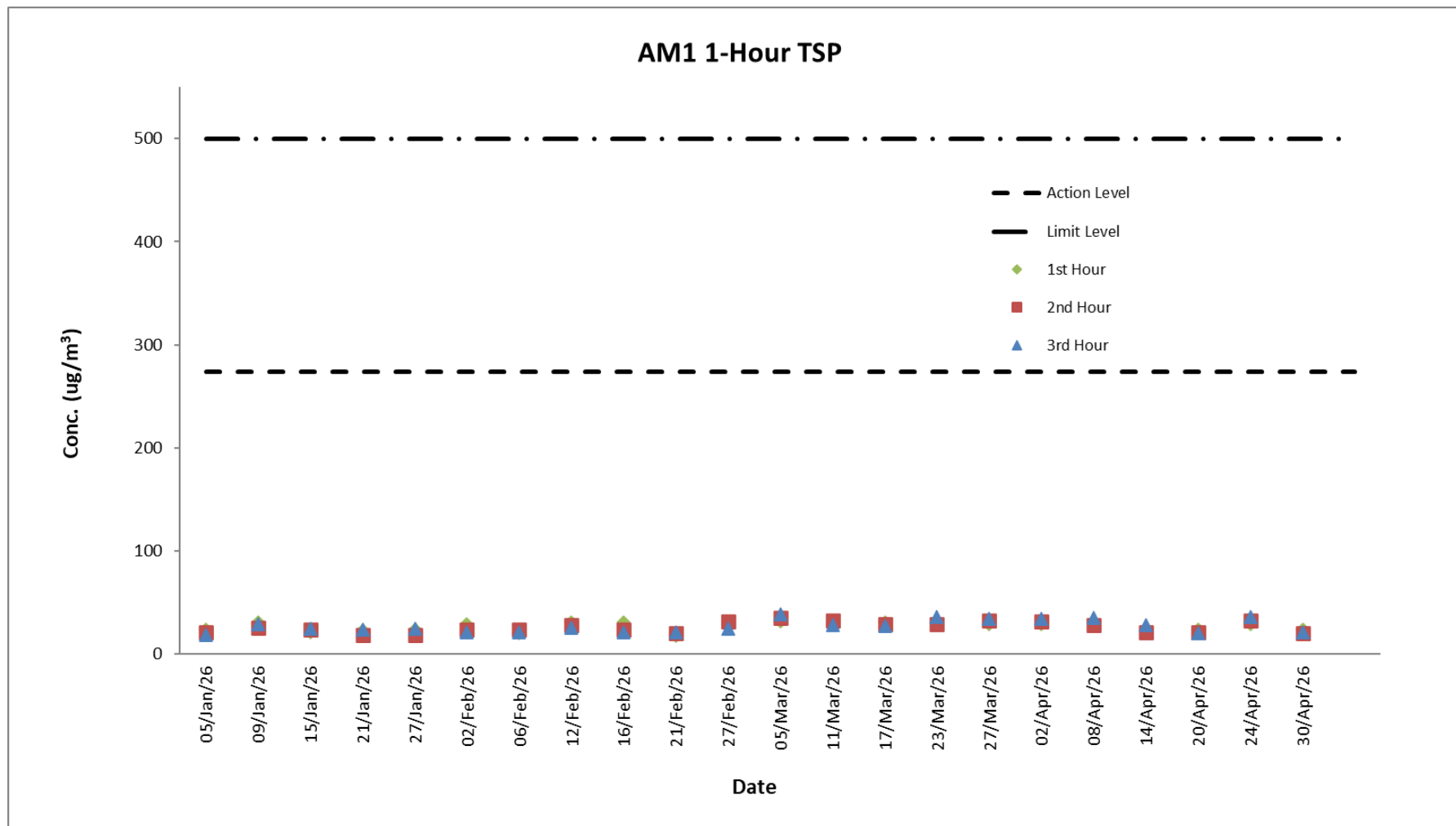


## **E. Graphical Plots of the Monitoring Results**

**Air Quality Monitoring Result at Station AM1 (1-hour TSP)**

Date	Weather Condition	Time	Conc. ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
02-Feb-26	Cloudy	8:23 - 11:23	29	24	21	273.7	500
06-Feb-26	Fine	8:32 - 11:32	20	24	21	273.7	500
12-Feb-26	Cloudy	8:33 - 11:33	31	28	26	273.7	500
16-Feb-26	Fine	8:33 - 11:33	31	24	21	273.7	500
21-Feb-26	Fine	8:27 - 11:27	18	20	21	273.7	500
27-Feb-26	Fine	8:28 - 11:28	29	32	25	273.7	500
05-Mar-26	Cloudy	8:32 - 11:32	32	35	39	273.7	500
11-Mar-26	Cloudy	8:31 - 11:31	29	33	28	273.7	500
17-Mar-26	Cloudy	8:37 - 11:37	31	29	27	273.7	500
23-Mar-26	Cloudy	8:43 - 11:43	31	29	36	273.7	500
27-Mar-26	Cloudy	8:30 - 11:30	29	33	34	273.7	500
02-Apr-26	Cloudy	8:32 - 11:32	29	32	34	273.7	500
08-Apr-26	Cloudy	8:30 - 11:30	32	28	35	273.7	500
14-Apr-26	Fine	8:27 - 11:27	23	21	28	273.7	500
20-Apr-26	Fine	8:33 - 11:33	24	21	20	273.7	500
24-Apr-26	Cloudy	8:37 - 11:37	29	33	36	273.7	500
30-Apr-26	Cloudy	8:33 - 11:33	24	20	21	273.7	500

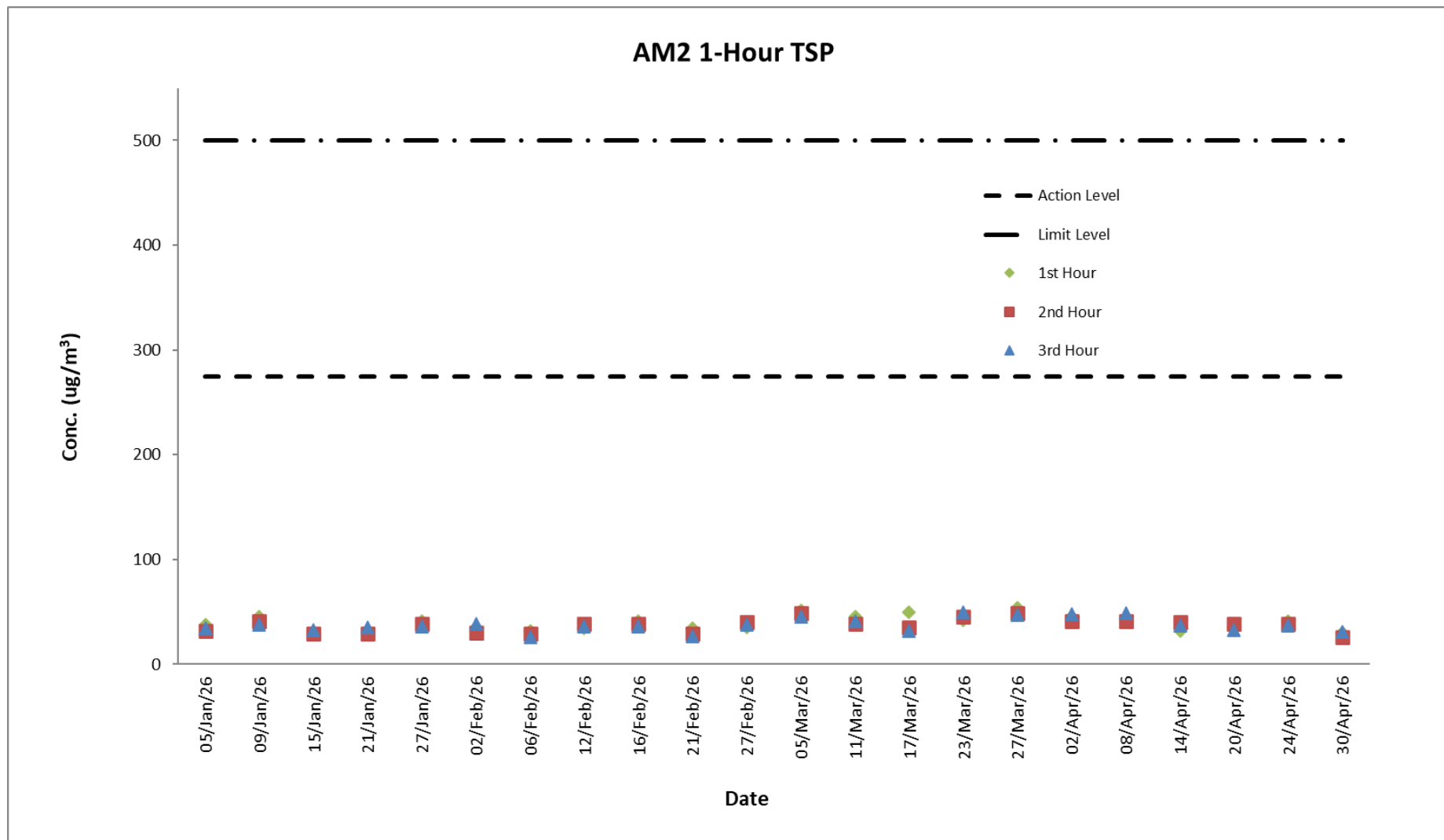
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (1-hour TSP)



**Air Quality Monitoring Result at Station AM2 (1-hour TSP)**

Date	Weather Condition	Time	Conc. ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
02-Feb-26	Cloudy	8:42 - 11:42	35	30	39	274.2	500
06-Feb-26	Fine	8:48 - 11:48	32	29	26	274.2	500
12-Feb-26	Cloudy	8:50 - 11:50	34	39	36	274.2	500
16-Feb-26	Fine	8:50 - 11:50	41	39	36	274.2	500
21-Feb-26	Fine	8:42 - 11:42	34	29	27	274.2	500
27-Feb-26	Cloudy	8:45 - 11:45	35	40	38	274.2	500
05-Mar-26	Cloudy	8:47 - 11:47	51	49	45	274.2	500
11-Mar-26	Cloudy	8:47 - 11:47	45	39	41	274.2	500
17-Mar-26	Cloudy	8:53 - 11:53	50	35	32	274.2	500
23-Mar-26	Cloudy	8:59 - 11:59	42	45	50	274.2	500
27-Mar-26	Cloudy	8:47 - 11:47	54	49	47	274.2	500
02-Apr-26	Cloudy	8:48 - 11:48	45	41	48	274.2	500
08-Apr-26	Cloudy	8:47 - 11:47	44	41	49	274.2	500
14-Apr-26	Fine	8:44 - 11:44	32	40	37	274.2	500
20-Apr-26	Fine	8:50 - 11:50	35	39	33	274.2	500
24-Apr-26	Cloudy	8:54 - 11:54	41	39	37	274.2	500
30-Apr-26	Cloudy	8:50 - 11:50	30	26	31	274.2	500

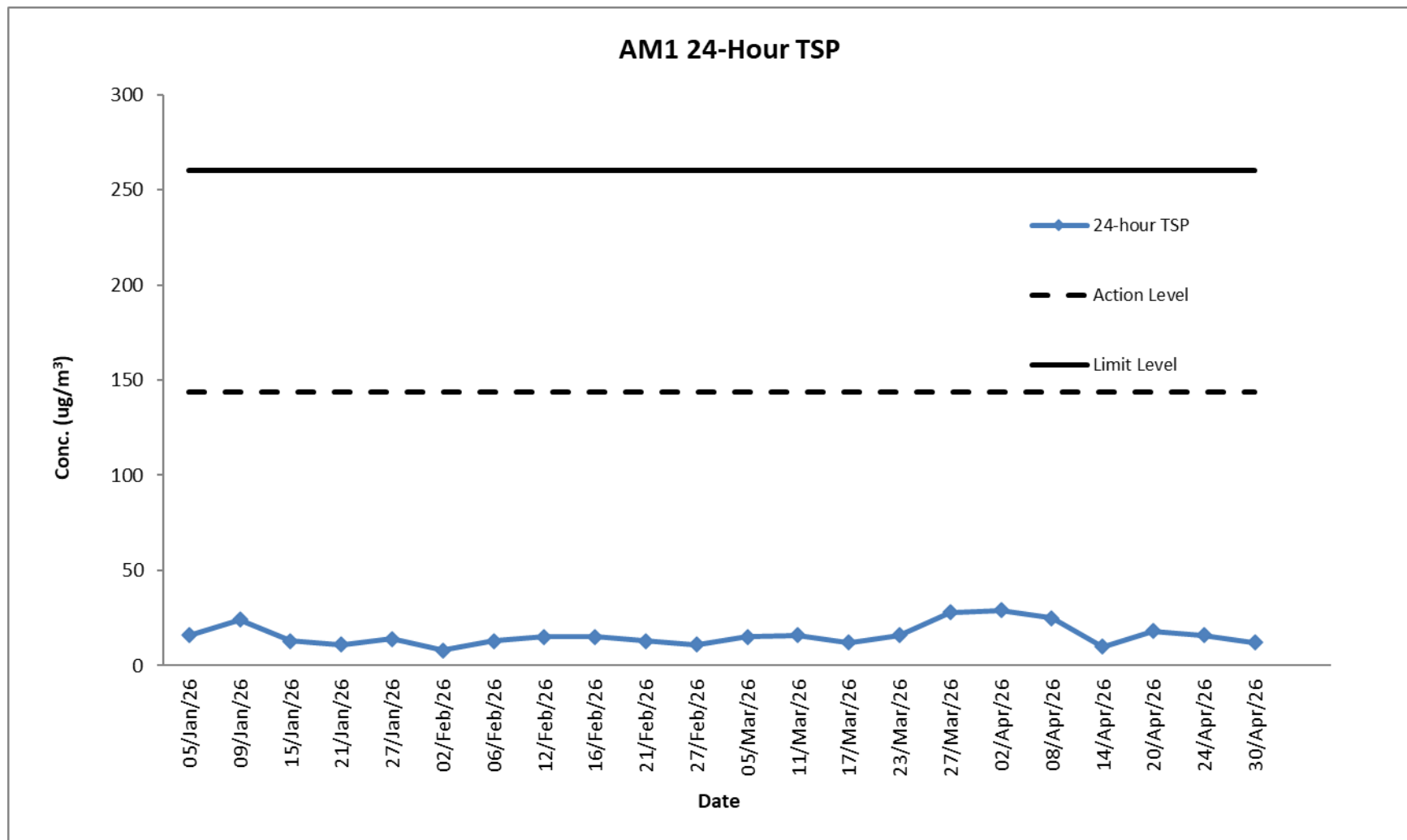
Graphical Presentation of Air Quality Monitoring Result at Station AM2 (1-hour TSP)



### Air Quality Monitoring Result at Station AM1 (24-hour TSP)

Start		Finish		Filter Weight (g)		Reading		Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min)			Conc. (µg/m <sup>3</sup> )	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
02-Feb-26	08:21	03-Feb-26	08:21	2.7689	2.7831	30820.38	30844.38	24	1.26	1.26	1.26	8	Cloudy	143.6	260
06-Feb-26	08:30	07-Feb-26	08:30	2.7735	2.7963	30844.38	30868.38	24	1.26	1.26	1.26	13	Fine	143.6	260
12-Feb-26	08:31	13-Feb-26	08:31	2.7653	2.7925	30868.38	30892.38	24	1.26	1.26	1.26	15	Cloudy	143.6	260
16-Feb-26	08:31	17-Feb-26	08:31	2.7691	2.7968	30892.38	30916.38	24	1.26	1.26	1.26	15	Fine	143.6	260
21-Feb-26	08:25	22-Feb-26	08:25	2.7705	2.7946	30916.38	30940.38	24	1.26	1.26	1.26	13	Fine	143.6	260
27-Feb-26	08:26	28-Feb-26	08:26	2.7688	2.7893	30940.38	30964.38	24	1.26	1.26	1.26	11	Cloudy	143.6	260
05-Mar-26	08:30	06-Mar-26	08:30	2.7650	2.7920	30964.38	30988.38	24	1.26	1.26	1.26	15	Cloudy	143.6	260
11-Mar-26	08:29	12-Mar-26	08:29	2.7610	2.7906	30988.38	31012.38	24	1.26	1.26	1.26	16	Cloudy	143.6	260
17-Mar-26	08:35	18-Mar-26	08:35	2.7665	2.7875	31012.38	31036.38	24	1.26	1.26	1.26	12	Cloudy	143.6	260
23-Mar-26	08:41	24-Mar-26	08:41	2.7762	2.8057	31036.38	31060.38	24	1.26	1.26	1.26	16	Cloudy	143.6	260
27-Mar-26	08:28	28-Mar-26	08:28	2.7708	2.8219	31060.38	31084.38	24	1.26	1.26	1.26	28	Cloudy	143.6	260
02-Apr-26	08:30	03-Apr-26	08:30	2.7717	2.8241	31084.38	31108.38	24	1.26	1.26	1.26	29	Cloudy	143.6	260
08-Apr-26	08:28	09-Apr-26	08:28	2.7652	2.8111	31108.38	31132.38	24	1.26	1.26	1.26	25	Cloudy	143.6	260
14-Apr-26	08:25	15-Apr-26	08:25	2.7719	2.7906	31132.38	31156.38	24	1.26	1.26	1.26	10	Fine	143.6	260
20-Apr-26	08:31	21-Apr-26	08:31	2.7617	2.7947	31156.38	31180.38	24	1.26	1.26	1.26	18	Fine	143.6	260
24-Apr-26	08:35	25-Apr-26	08:35	2.7528	2.7825	31180.38	31204.38	24	1.26	1.26	1.26	16	Cloudy	143.6	260
30-Apr-26	08:31	01-May-26	08:31	2.7599	2.7792	31204.38	31228.38	24	1.13	1.13	1.13	12	Cloudy	143.6	260

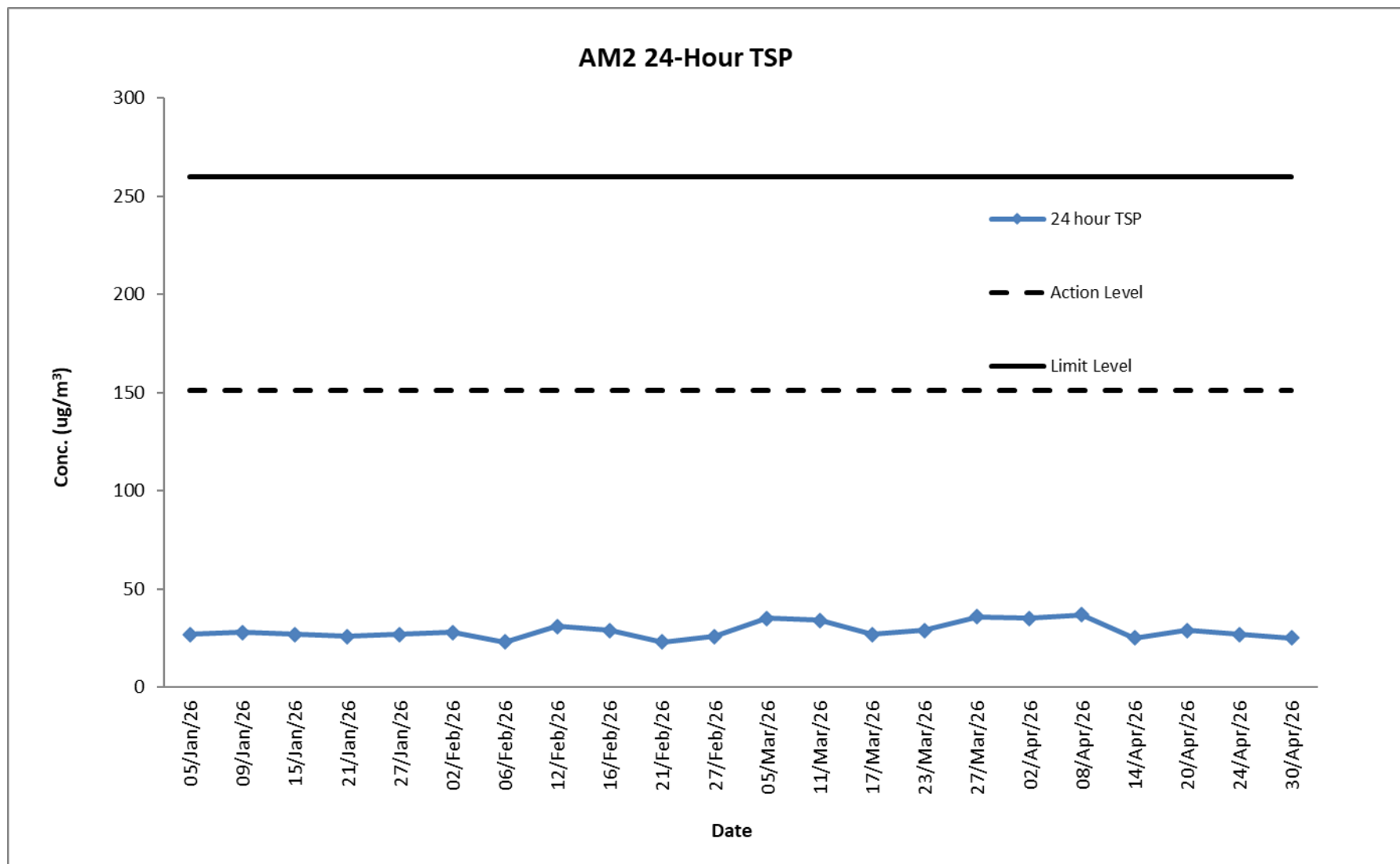
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (24-hour TSP)



**Air Quality Monitoring Result at Station AM2 (24-hour TSP)**

Start		Finish		Sampling Time (hrs)	Conc. ( $\mu\text{g}/\text{m}^3$ )	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time					
02-Feb-26	08:40	03-Feb-26	08:40	24	28	Cloudy	151.1	260
06-Feb-26	08:46	07-Feb-26	08:46	24	23	Fine	151.1	260
12-Feb-26	08:48	13-Feb-26	08:48	24	31	Cloudy	151.1	260
16-Feb-26	08:48	17-Feb-26	08:48	24	29	Fine	151.1	260
21-Feb-26	08:40	22-Feb-26	08:40	24	23	Fine	151.1	260
27-Feb-26	08:43	28-Feb-26	08:43	24	26	Cloudy	151.1	260
05-Mar-26	08:45	06-Mar-26	08:45	24	35	Cloudy	151.1	260
11-Mar-26	08:45	12-Mar-26	08:45	24	34	Cloudy	151.1	260
17-Mar-26	08:51	18-Mar-26	08:51	24	27	Cloudy	151.1	260
23-Mar-26	08:57	24-Mar-26	08:57	24	29	Cloudy	151.1	260
27-Mar-26	08:45	28-Mar-26	08:45	24	36	Cloudy	151.1	260
02-Apr-26	08:46	03-Apr-26	08:46	24	35	Cloudy	151.1	260
08-Apr-26	08:45	09-Apr-26	08:45	24	37	Cloudy	151.1	260
14-Apr-26	08:42	15-Apr-26	08:42	24	25	Fine	151.1	260
20-Apr-26	08:48	21-Apr-26	08:48	24	29	Fine	151.1	260
24-Apr-26	08:52	25-Apr-26	08:52	24	27	Cloudy	151.1	260
30-Apr-26	08:48	01-May-26	08:48	24	25	Cloudy	151.1	260

Graphical Presentation of Air Quality Monitoring Result at Station AM2 (24-hour TSP)



**Noise Monitoring Result at Station NM1A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
02-Feb-26	09:30	61.7	57.6	63
02-Feb-26	09:35	62.2	58.0	
02-Feb-26	09:40	62.5	58.3	
02-Feb-26	09:45	63.0	59.6	
02-Feb-26	09:50	62.8	58.7	
02-Feb-26	09:55	61.9	57.9	
12-Feb-26	09:35	62.8	58.7	64
12-Feb-26	09:40	61.2	57.0	
12-Feb-26	09:45	63.7	59.3	
12-Feb-26	09:50	63.5	59.9	
12-Feb-26	09:55	62.0	58.6	
12-Feb-26	10:00	63.9	59.8	
16-Feb-26	09:37	62.2	58.9	64
16-Feb-26	09:42	63.9	59.0	
16-Feb-26	09:47	61.8	57.3	
16-Feb-26	09:52	61.0	57.7	
16-Feb-26	09:57	63.7	59.6	
16-Feb-26	10:02	63.5	59.8	
27-Feb-26	09:42	62.2	58.9	63
27-Feb-26	09:47	62.7	58.0	
27-Feb-26	09:52	63.8	59.3	
27-Feb-26	09:57	61.5	57.6	
27-Feb-26	10:02	61.0	57.7	
27-Feb-26	10:07	62.9	58.6	
05-Mar-26	09:35	61.8	57.0	63
05-Mar-26	09:40	62.9	58.6	
05-Mar-26	09:45	62.2	58.9	
05-Mar-26	09:50	61.5	57.7	
05-Mar-26	09:55	63.0	59.6	
05-Mar-26	10:00	62.7	58.3	
11-Mar-26	09:33	62.7	58.6	64
11-Mar-26	09:38	63.8	59.0	
11-Mar-26	09:43	63.2	59.7	
11-Mar-26	09:48	61.5	57.3	
11-Mar-26	09:53	61.0	57.8	
11-Mar-26	09:58	62.9	58.9	
17-Mar-26	09:39	62.7	58.1	64
17-Mar-26	09:44	63.5	59.0	
17-Mar-26	09:49	61.9	57.9	
17-Mar-26	09:54	63.0	59.4	
17-Mar-26	09:59	62.8	58.8	
17-Mar-26	10:04	63.2	59.7	
23-Mar-26	09:44	61.8	57.0	63
23-Mar-26	09:49	62.2	58.6	
23-Mar-26	09:54	62.9	58.3	
23-Mar-26	09:59	61.0	57.9	
23-Mar-26	10:04	62.5	58.7	
23-Mar-26	10:09	63.7	59.6	

02-Apr-26	09:35	62.2	58.3	63
02-Apr-26	09:40	61.9	57.0	
02-Apr-26	09:45	61.0	57.6	
02-Apr-26	09:50	63.8	59.7	
02-Apr-26	09:55	62.5	58.9	
02-Apr-26	10:00	61.7	57.9	
08-Apr-26	09:35	62.7	58.8	64
08-Apr-26	09:40	63.8	59.0	
08-Apr-26	09:45	61.2	57.6	
08-Apr-26	09:50	61.5	57.3	
08-Apr-26	09:55	62.0	58.9	
08-Apr-26	10:00	63.9	59.7	
14-Apr-26	09:30	62.5	58.6	64
14-Apr-26	09:35	61.9	57.0	
14-Apr-26	09:40	63.2	59.7	
14-Apr-26	09:45	63.8	59.3	
14-Apr-26	09:50	62.0	58.9	
14-Apr-26	09:55	63.7	59.8	
20-Apr-26	09:38	62.0	58.6	64
20-Apr-26	09:43	61.8	57.0	
20-Apr-26	09:48	63.2	59.9	
20-Apr-26	09:53	63.7	59.3	
20-Apr-26	09:58	64.9	60.6	
20-Apr-26	10:03	63.5	59.7	
30-Apr-26	09:37	62.5	58.3	64
30-Apr-26	09:42	61.2	57.0	
30-Apr-26	09:47	61.9	57.6	
30-Apr-26	09:52	63.8	59.9	
30-Apr-26	09:57	63.0	59.7	
30-Apr-26	10:02	62.7	58.4	

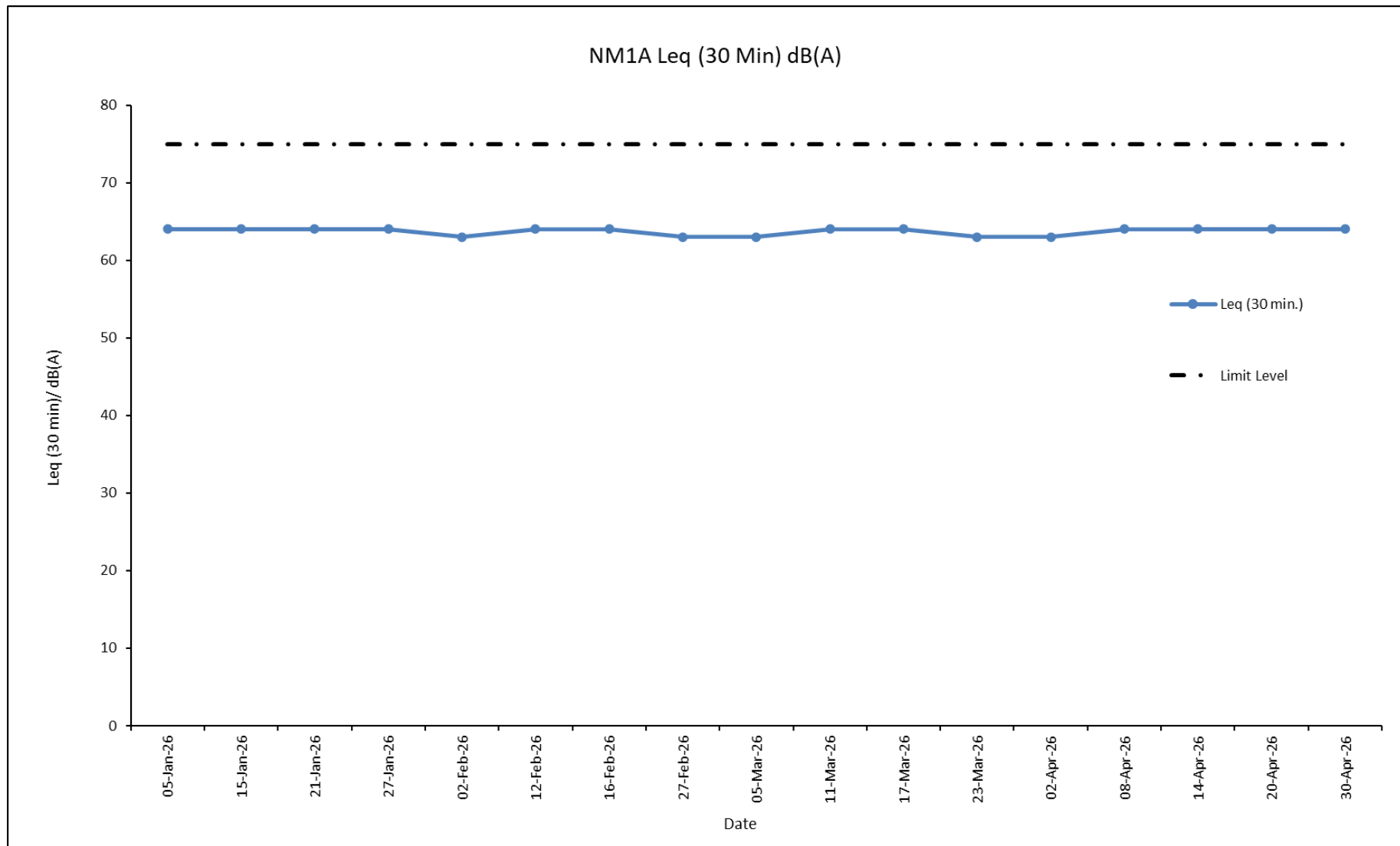
**Remarks:**

+3dB (A) correction was applied to free-field measurement.



The station set-up of a free-field measurement at Station NM1A.

### Graphical Presentation Noise Monitoring Result at Station NM1A



# F. Waste Flow Table

**Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex**

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
<b>2016</b>													
Mar	2702.1	0.0	0.0	0.0	2702.1	0.0	0.0	4.5	0.1	0.0	0.0	0.0	30.6
Apr	8631.5	0.0	0.0	0.0	8631.5	0.0	0.0	16.0	0.0	0.0	0.0	0.0	19.2
May	12487.8	0.0	0.0	0.0	12487.8	0.0	0.0	34.0	0.0	0.0	0.0	0.7	60.5
Jun	8600.8	0.0	0.0	0.0	8600.8	0.0	0.0	31.4	0.2	0.0	0.0	0.5	13.5
Jul	12624.2	0.0	0.0	0.0	12624.2	0.0	0.0	19.6	0.0	0.0	0.0	2.0	9.9
Aug	14419.9	0.0	0.0	0.0	14419.9	0.0	0.0	43.9	0.0	0.0	0.0	0.0	11.1
Sep	13671.3	0.0	0.0	0.0	13671.3	0.0	0.0	59.8	0.0	0.0	0.0	1.6	12.4
Oct	13088.9	0.0	0.0	0.0	13088.9	0.0	0.0	36.9	0.2	1.5	0.0	0.0	15.2
Nov	12424.7	0.0	0.0	0.0	12424.7	0.0	0.0	74.7	0.0	0.0	0.0	1.4	10.2
Dec	12487.6	0.0	0.0	0.0	12487.6	0.0	0.0	13.9	0.0	0.0	0.0	1.3	9.0
Sub-total (2016)	111138.8	0.0	0.0	0.0	111138.8	0.0	0.0	334.5	0.4	1.5	0.0	7.6	191.6
<b>2017</b>													
Jan	9607.8	0.0	0.0	0.0	9607.8	0.0	0.0	29.5	0.0	0.0	0.0	0.0	7.3
Feb	9108.2	0.0	0.0	0.0	9108.2	0.0	0.0	50.2	0.2	0.0	0.0	0.7	9.8
Mar	11361.7	0.0	0.0	0.0	11361.7	0.0	0.0	16.1	0.0	0.0	0.0	1.4	8.5
Apr	2591.5	0.0	0.0	0.0	2591.5	0.0	0.0	35.7	0.0	0.0	0.0	0.0	4.7
May	2579.3	0.0	0.0	99.0	2480.3	0.0	0.0	20.9	0.1	0.0	0.0	0.5	10.0
Jun	476.0	0.0	0.0	341.0	129.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	7.6
Jul	3419.0	0.0	0.0	804.0	2615.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8
Aug	3730.9	0.0	0.0	1377.5	2353.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
Sep	2108.2	0.0	0.0	1133.5	974.7	0.0	0.0	34.6	0.2	0.0	0.0	0.0	10.8
Oct	9159.0	0.0	0.0	7868.0	1291.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	9.3
Nov	5095.4	0.0	0.0	4352.0	725.2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	38.8
Dec	3856.2	0.0	0.0	3076.0	780.2	0.0	0.0	0.0	0.2	0.0	0.0	0.4	8.4
Sub-total (2017)	63093.1	0.0	0.0	19051.0	44018.7	23.4	0.0	187.1	0.7	0.0	0.0	3.8	137.3

**Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex**

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
<b>2018</b>													
Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
Mar	6120.2	0.0	0.0	5782.0	338.2	0.0	0.0	0.0	0.0	1.0	0.0	0.5	17.6
Apr	14460.3	0.0	0.0	12484.1	1976.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	7.6
May	59783.7	0.0	0.0	46989.0	12794.7	0.0	0.0	59.6	0.0	0.0	0.0	0.0	9.4
Jun	53117.5	0.0	0.0	37642.8	15474.7	0.0	0.0	51.5	0.2	0.0	0.0	0.0	12.8
Jul	89901.5	0.0	0.0	85317.1	4584.4	0.0	165.1	114.6	0.0	0.0	0.0	0.0	41.3
Aug	35137.3	0.0	0.0	33731.6	1405.7	0.0	214.3	148.1	0.0	0.0	0.0	0.0	48.5
Sep	4924.3	0.0	0.0	4641.2	196.1	87.0	174.6	40.0	0.0	0.0	0.0	0.0	179.2
Oct	19099.9	0.0	0.0	11301.0	7642.8	156.1	0.0	106.3	0.4	0.0	0.0	0.0	528.5
Nov	104168.0	0.0	0.0	79811.6	24351.0	5.3	0.0	54.5	0.0	0.6	0.0	0.0	31.5
Dec	62989.9	0.0	0.0	51284.4	11699.9	5.6	0.0	95.1	0.0	0.6	0.0	0.0	65.9
Sub-total (2018)	449702.6	0.0	0.0	368984.8	80463.7	254.0	553.9	669.7	0.5	2.4	0.0	0.5	943.7
<b>2019</b>													
Jan	74479.1	0.0	0.0	69249.5	5229.7	0.0	318.0	326.7	0.2	0.0	0.0	0.0	76.3
Feb	21969.9	0.0	0.0	17723.9	4246.0	0.0	16.5	55.2	0.0	0.0	0.0	0.0	26.7
Mar	19311.9	0.0	0.0	8569.9	10742.0	0.0	337.8	61.5	0.0	0.0	0.0	0.0	36.3
Apr	28559.9	0.0	0.0	21280.3	7279.6	0.0	0.0	32.6	0.0	0.8	0.0	0.0	24.9
May	45418.0	0.0	0.0	11200.6	34217.4	0.0	0.0	27.4	0.2	0.5	0.0	0.0	33.7
Jun	66633.4	0.0	0.0	23874.5	42748.0	10.9	59.2	11.9	0.0	0.9	0.0	0.0	35.3
Jul	36619.6	0.0	0.0	1632.7	34960.9	26.0	64.4	120.7	0.0	0.0	0.0	0.0	57.9
Aug	2526.8	0.0	0.0	0.0	2499.0	27.8	31.9	40.2	0.0	0.8	0.0	0.0	66.3
Sep	4117.6	0.0	0.0	0.0	4088.7	28.9	95.2	19.0	0.0	0.6	0.0	0.0	127.4
Oct	6974.2	0.0	0.0	0.0	6948.1	26.1	15.9	11.4	0.2	1.0	0.0	0.6	223.6
Nov	5334.4	0.0	0.0	0.0	5304.1	30.3	0.0	8.9	0.0	0.0	0.0	0.0	151.6
Dec	6236.8	0.0	0.0	0.0	6236.8	0.0	0.0	70.6	0.0	0.0	0.0	0.0	98.9
Sub-total (2019)	318181.6	0.0	0.0	153531.3	164500.1	150.1	938.9	785.8	0.6	4.6	0.0	0.6	959.0

**Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex**

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
<b>2020</b>													
Jan	7089.9	0.0	0.0	0.0	7089.9	0.0	0.0	39.6	0.2	0.0	0.0	0.0	65.7
Feb	16822.3	0.0	0.0	0.0	16822.3	0.0	0.0	240.5	0.1	0.0	0.0	0.0	66.3
Mar	6559.0	0.0	0.0	0.0	6559.0	0.0	110.4	63.1	0.0	0.9	0.0	0.0	138.3
Apr	4997.9	0.0	0.0	1615.7	3382.2	0.0	159.2	1129.2	1.9	0.0	0.0	0.0	113.2
May	2236.0	0.0	0.0	452.3	1783.6	0.0	0.0	412.3	0.0	0.0	0.0	0.0	188.8
Jun	1134.3	0.0	0.0	0.0	1134.3	0.0	31.5	328.7	0.2	0.6	0.0	0.0	210.6
Jul	148.8	0.0	0.0	0.0	148.8	0.0	31.5	502.2	0.5	0.0	0.0	0.0	220.0
Aug	540.7	0.0	0.0	0.0	540.7	0.0	0.0	393.4	0.0	0.0	0.0	0.0	238.3
Sep	1432.3	0.0	0.0	0.0	1432.3	0.0	0.0	835.6	0.2	0.0	0.0	0.0	291.9
Oct	1381.5	0.0	0.0	0.0	1381.5	0.0	0.0	756.1	0.2	0.0	0.0	0.0	400.2
Nov	1444.1	0.0	0.0	0.0	1437.4	6.7	475.8	567.8	0.2	0.5	0.0	0.0	377.8
Dec	793.8	0.0	0.0	0.0	793.8	0.0	0.0	503.4	0.2	0.0	0.0	0.0	435.8
Sub-total (2020)	44580.6	0.0	0.0	2068.1	42505.8	6.7	808.3	5771.9	3.7	2.0	0.0	0.0	2746.8
<b>2021</b>													
Jan	881.4	0.0	0.0	0.0	881.4	0.0	0.0	906.7	0.4	0.0	0.0	0.0	497.0
Feb	544.7	0.0	0.0	0.0	544.7	0.0	0.0	206.3	0.3	0.0	0.0	0.0	504.7
Mar	406.1	0.0	0.0	0.0	406.1	0.0	0.0	1235.0	0.3	0.0	0.0	0.0	881.7
Apr	633.0	0.0	0.0	0.0	633.0	0.0	0.0	480.8	0.7	0.0	0.0	0.0	613.0
May	1125.8	0.0	0.0	0.0	1125.8	0.0	0.0	382.8	0.2	0.1	0.0	0.0	355.2
Jun	877.3	0.0	0.0	0.0	877.3	0.0	0.0	163.7	0.2	0.0	0.0	0.4	420.3
Jul	8.9	0.0	0.0	0.0	0.0	8.9	0.0	56.5	2.0	0.0	0.0	0.0	278.2
Aug	1296.2	0.0	0.0	0.0	1296.2	0.0	0.0	270.0	0.0	0.0	0.0	0.0	459.1
Sep	1040.5	0.0	0.0	0.0	490.9	549.6	0.0	193.2	0.0	0.0	0.0	0.0	620.8
Oct	311.0	0.0	0.0	0.0	311.0	0.0	0.0	92.0	0.3	0.0	0.0	0.0	485.6
Nov	203.9	0.0	0.0	0.0	203.9	0.0	0.0	93.9	0.0	0.0	0.0	0.0	609.6
Dec	576.6	0.0	0.0	0.0	576.6	0.0	0.0	85.2	0.0	0.0	0.0	0.0	590.6
Sub-total (2021)	7905.3	0.0	0.0	0.0	7346.9	558.5	0.0	4165.9	4.4	0.1	0.0	0.4	6315.9

**Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex**

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
<b>2022</b>													
Jan	579.3	0.0	0.0	0.0	579.3	0.0	0.0	41.3	0.4	0.0	0.0	0.0	565.5
Feb	58.9	0.0	0.0	0.0	58.9	0.0	0.0	85.7	0.0	0.0	0.0	0.0	172.2
Mar	412.8	0.0	0.0	0.0	412.8	0.0	0.0	87.1	0.3	0.0	0.0	0.0	339.8
Apr	390.2	0.0	0.0	0.0	390.2	0.0	0.0	44.7	0.0	0.0	0.0	0.0	390.9
May	357.3	0.0	0.0	0.0	350.1	7.2	0.0	99.4	0.3	0.1	0.0	0.0	401.9
Jun	200.4	0.0	0.0	0.0	200.4	0.0	0.0	134.7	0.0	0.0	0.0	1.1	447.8
Jul	166.8	0.0	0.0	0.0	166.8	0.0	0.0	15.3	0.3	0.0	0.0	0.7	343.9
Aug	150.9	0.0	0.0	0.0	150.9	0.0	0.0	9.6	0.4	0.2	0.0	0.0	410.6
Sep	437.6	0.0	0.0	0.0	437.6	0.0	0.0	11.5	0.3	0.0	0.0	0.0	348.3
Oct	708.0	0.0	0.0	0.0	708.0	0.0	0.0	13.8	0.0	0.0	0.0	0.0	353.0
Nov	244.1	0.0	0.0	0.0	244.1	0.0	0.0	47.3	0.3	0.0	0.0	0.0	427.4
Dec	337.4	0.0	0.0	0.0	337.4	0.0	0.0	28.1	0.0	0.0	0.0	0.0	385.3
Sub-total (2022)	4043.5	0.0	0.0	0.0	4036.3	7.2	0.0	618.3	2.3	0.3	0.0	1.8	4586.5
<b>2023</b>													
Jan	307.0	0.0	0.0	0.0	307.0	0.0	0.0	44.5	0.2	0.0	0.0	0.0	415.1
Feb	1087.8	0.0	0.0	0.0	1087.8	0.0	0.0	22.9	0.4	0.0	0.0	0.0	411.4
Mar	1944.0	0.0	0.0	0.0	1944.0	0.0	0.0	37.7	0.0	0.0	0.0	0.0	469.6
Apr	819.5	0.0	0.0	0.0	819.5	0.0	0.0	218.7	0.1	0.0	0.0	0.0	320.5
May	842.1	0.0	0.0	0.0	842.1	0.0	0.0	35.6	0.3	0.0	0.0	0.0	439.4
Jun	952.1	0.0	0.0	0.0	952.1	0.0	0.0	22.9	0.2	0.0	0.0	0.0	399.3
Jul	583.1	0.0	0.0	0.0	583.1	0.0	0.0	38.3	0.0	0.0	0.0	0.0	421.6
Aug	778.2	0.0	0.0	0.0	778.2	0.0	0.0	28.5	0.0	0.0	0.0	0.0	427.9
Sep	316.4	0.0	0.0	0.0	316.4	0.0	0.0	14.8	0.1	0.0	0.0	0.0	344.3
Oct	1253.3	0.0	0.0	0.0	1253.3	0.0	0.0	17.9	0.0	0.0	0.0	0.0	353.9
Nov	862.7	0.0	0.0	0.0	862.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	436.4
Dec	337.8	0.0	0.0	0.0	337.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	374.0
Sub-total (2023)	10084.0	0.0	0.0	0.0	10084.0	0.0	0.0	481.8	1.3	0.0	0.0	0.0	4813.3

**Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex**

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
<b>2024</b>													
Jan	256.8	0.0	0.0	0.0	256.8	0.0	0.0	11.1	0.6	0.0	0.0	0.0	448.6
Feb	321.4	0.0	0.0	0.0	321.4	0.0	0.0	9.4	0.6	0.0	0.0	0.0	263.4
Mar	1167.4	0.0	0.0	0.0	1167.4	0.0	0.0	445.3	0.2	0.0	0.0	0.2	360.9
Apr	283.5	0.0	0.0	0.0	283.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	467.1
May	534.3	0.0	0.0	0.0	534.3	0.0	0.0	16.9	0.7	0.0	0.0	0.0	376.3
Jun	175.1	0.0	0.0	0.0	175.1	0.0	0.0	73.5	0.0	0.0	0.0	0.0	339.3
Jul	1171.9	0.0	0.0	0.0	1171.9	0.0	0.0	43.6	0.0	0.0	0.0	0.0	408.4
Aug	1056.5	0.0	0.0	0.0	1056.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	354.2
Sep	286.0	0.0	0.0	0.0	286.0	0.0	0.0	8.9	0.5	0.0	0.0	0.0	383.6
Oct	433.3	0.0	0.0	0.0	433.3	0.0	0.0	93.1	0.0	0.0	0.0	0.0	520.4
Nov	599.0	0.0	0.0	0.0	599.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	708.8
Dec	291.0	0.0	0.0	0.0	291.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	646.5
Sub-total (2024)	6576.1	0.0	0.0	0.0	6576.1	0.0	0.0	701.7	3.0	0.0	0.0	0.2	5277.4
<b>2025</b>													
Jan	318.6	0.0	0.0	0.0	312.8	5.8	0.0	0.0	0.1	0.0	0.0	0.0	714.3
Feb	1147.3	0.0	0.0	0.0	1147.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	600.1
Mar	1513.2	0.0	0.0	0.0	1513.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	592.8
Apr	335.3	0.0	0.0	0.0	335.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	564.2
May	390.8	0.0	0.0	0.0	390.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	694.0
Jun	175.5	0.0	0.0	0.0	175.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	676.3
Jul	186.6	0.0	0.0	0.0	186.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	891.3
Aug	283.1	0.0	0.0	0.0	283.1	0.0	0.0	0.0	0.5	0.0	0.0	0.0	693.5
Sep	399.5	0.0	0.0	0.0	399.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	523.9
Oct	349.4	0.0	0.0	0.0	349.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	695.3
Nov	483.7	0.0	0.0	0.0	483.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	590.2
Dec	357.1	0.0	0.0	0.0	357.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	628.1
Sub-total (2025)	5940.0	0.0	0.0	0.0	5934.3	5.8	0.0	0.0	1.7	0.0	0.0	0.0	7864.1

**Table F-1: Monthly Waste Flow Table for Lyric Theatre Complex**

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)	(in ton)
<b>2026</b>													
Jan	750.2	0.0	0.0	0.0	750.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	669.2
Feb	188.6	0.0	0.0	0.0	188.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523.9
Mar	194.8	0.0	0.0	0.0	194.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	897.1
Apr	616.4	0.0	0.0	0.0	616.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	482.8
Sub-total (2026)	1749.9	0.0	0.0	0.0	1749.9	0.0	0.0	0.0	0.9	0.0	0.0	0.0	2572.9
<b>Total</b>	<b>1022995.4</b>	<b>0.0</b>	<b>0.0</b>	<b>543635.2</b>	<b>478354.5</b>	<b>1005.7</b>	<b>2301.1</b>	<b>13716.7</b>	<b>19.4</b>	<b>10.8</b>	<b>0.0</b>	<b>14.9</b>	<b>36408.5</b>

Note:

(1) 992.78, 6.98 and 0 tonnes of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137, Tuen Mun Area 38, and Chai Wan Public Fill Barging Point respectively in the reporting quarter.

(2) The values in the table are rounded off to 1 decimal place.

## **G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions**

Cumulative statistics for complaints, notifications of summons and successful prosecutions for the Project account for period starting from the date of commencement of construction works to the end of the reporting quarter are summarized in **Table G-1** below.

**Table G-1: Statistics for complaints, notifications of summons and successful prosecutions for Lyric Theatre Complex**

Reporting Period	Cumulative Statistics		
	Complaints	Notifications of summons	Successful prosecutions
This reporting quarter (Feb 26 – Apr 26)	2	0	0
From 1 March 2016 to end of the reporting quarter	66	0	0

## Part-2: EM&A for ELS Works for The Integrated Basement and Underground Road in Zones 2A, 2B & 2C

# Piling Works and ELS Works for The Integrated Basement and Underground Road in Zones 2A, 2B & 2C

APEX TESTING & CERTIFICATION LIMITED  
Unit D6A, 10/F, TML Plaza, 3 Hoi Shing Road, Tsuen Wan, N.T.  
Hong Kong  
Tel: (852) 39733585 Fax: (852) 30079385  
Email: info@apextestcert.com

The information supplied and contained within this report is, to the best of our knowledge, correct at time of printing

# Contents

Executive summary	1
1 Introduction	2
1.1 Background	2
1.2 Project Organisation	2
1.3 Environmental Status in the Reporting Period	3
2 Summary of EM&A Requirements and Mitigation Measures	4
2.1 Monitoring Requirements	4
2.2 Environmental Mitigation Measures	5
3 Summary of EM&A Results	6
3.1 Monitoring Data	6
3.2 Monitoring Exceedances	6
3.2.1 1-hour TSP Monitoring	7
3.2.2 24-hour TSP Monitoring	7
3.2.3 Construction Noise Monitoring	7
3.2.4 Landscape and Visual Monitoring	7
4 Waste Management	8
4.2 Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095)	8
5 Environmental Non-conformance	9
6 Comments, Recommendations and Conclusion	11
6.1 Comments	11
6.2 Recommendations	11
6.3 Conclusion	11
Figure 1 Site Layout Plan and Monitoring Stations	12
Appendices	13
A. Project Organisation	14
B. Construction Programme	15

C.	Environmental Mitigation Measures – Implementation Status	16
D.	Meteorological Data Extracted from Hong Kong Observatory	17
E.	Graphical Plots of the Monitoring Results	18
F.	Waste Flow table	19
G.	Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions	20

# Executive summary

This Quarterly EM&A Report presents the monitoring works conducted at Zones 2A, 2B & 2C from 01 February 2026 to 30 April 2026.

## **Exceedance of Action and Limit Levels**

There was no breach of Action or Limit Levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting quarter.

## **Implementation of Mitigation Measures**

Construction phase weekly site inspections were carried out to confirm the implementation measures undertaken by the Contractors in the reporting quarter. The status of implementation of mitigation measures during the reporting quarter is shown in **Appendix C**.

Landscape and visual impact inspections were conducted as part of the above-mentioned weekly site inspections during the reporting quarter. No adverse comment on landscape and visual aspects were made during these inspections.

## **Record of Complaints**

2 environmental complaint was received during the reporting quarter.

## **Record of Notifications of Summons and Successful Prosecutions**

No notifications of summons and successful prosecutions were recorded in the reporting quarter.

# 1 Introduction

## 1.1 Background

Apex Testing & Certification Limited (Apex) was commissioned to undertake the Environmental Team (ET) services (including environmental monitoring and audit (EM&A)) for the construction activities in Zone 2A, consisting of Foundation, Excavation and Lateral Support Works for Integrated Basement and Underground Road (Contract No.: GW/2020/05/073) ; Zone 2B & 2C consisting of Piling Works for Integrated Basement and Underground Road (Contract No.: CC/2020/2B/088); and Zones 2A, 2B & 2C consisting of Excavation and Lateral Support Works (Stages 1 & 2) for The Integrated Basement and Underground Road (Contract No.: CC/2023/2B/095) at WKCD. The construction works and EM&A programme for Zone 2A (Contract No.: GW/2020/05/073) was commenced on 03 October 2020 and handed over on 31 March 2023; while the construction works and EM&A programme for Zone 2B & 2C (Contract No.: CC/2020/2B/088) was commenced on 30 September 2021 and handed over on 05 July 2024. The construction works and EM&A programme for Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095) was commenced on 05 July 2024.

The overall works for the WKCD fall under two separate categories of Designated Project (DP) of the Environmental Impact Assessment Ordinance (EIAO), namely an “engineering feasibility study of urban development projects with a study area covering more than 20 ha or involving a total population of more than 100 000” (Item 1 of Schedule 3) and “an underpass more than 100m in length under the built areas” (Item A.9, Part I, Schedule 2). An Environmental Permit No. EP-453/2013/B (EP) was issued with respect to the “Underpass Road and Austin Road Flyover Serving the West Kowloon Cultural District” which specifically includes the abovementioned category of DP under Item A.9, Part I, Schedule 2 of the EIAO. The captioned projects include part of the abovementioned underpass road located within the site boundary falls under this same category.

The purpose of the development in Zones 2A, 2B & 2C is to reserve for Integrated Basement (IB) and Underground Road (UR). The Zone 2A (Contract No.: GW/2020/05/073) construction activities involve the foundation, excavation and lateral support (ELS) works, road works, drainage diversion works, and temporary car parking. The Zone 2B & 2C (Contract No.: CC/2020/2B/088) construction activities involve the piling works. The Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095) construction activities involve the excavation and lateral support works.

The Quarterly EM&A Report is prepared in accordance with the Clause 3.4 of the Environmental Permit No. EP-453/2013/B. This Quarterly EM&A Report presents the monitoring works Zones 2A, 2B & 2C from 01 February 2026 to 30 April 2026. The purpose of this report is to summarise the findings in the EM&A of the project over the reporting period.

## 1.2 Project Organisation

The organisation chart and lines of communication with respect to the on-site environmental management structure together with the contact information of the key personnel are shown in **Appendix A**.

### 1.3 Environmental Status in the Reporting Period

During the reporting period, construction works at Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095) undertaken include:

- Pipe Pile and King Post Works
- Jet Grouting Works
- Double Deck Hoarding Works
- Temporary Steel Platform
- ELS Work
- Operation of Barging Point
- Hoarding Work

The Construction Works Programme of the Project is provided in **Appendix B**. A layout plan of the Project is provided in **Figure 1**.

## 2 Summary of EM&A Requirements and Mitigation Measures

### 2.1 Monitoring Requirements

In accordance with the EM&A Manual, environmental parameters including air quality, noise, landscape and visual have been monitored. The specific parameters, monitoring frequency and the respective Action and Limit Levels are given in **Table 2.1**. Locations of the monitoring stations are provided in **Figure 1**.

**Table 2.1: Summary of Impact EM&A Requirements**

Parameters	Descriptions	Locations	Frequencies	Action Level	Limit Level
Air Quality	24-Hour TSP	AM3 - The Victoria Towers Tower 1	At least once every 6 days	152.4 µg/m <sup>3</sup>	260 µg/m <sup>3</sup>
	1-Hour TSP	AM3 - The Victoria Towers Tower 1	At least 3 times every 6 days	280.4 µg/m <sup>3</sup>	500 µg/m <sup>3</sup>
	24-Hour TSP	AM4 - Canton Road Government Primary School	At least once every 6 days	152.6 µg/m <sup>3</sup>	260 µg/m <sup>3</sup>
	1-Hour TSP	AM4 - Canton Road Government Primary School	At least 3 times every 6 days	278.5 µg/m <sup>3</sup>	500 µg/m <sup>3</sup>
	24-Hour TSP	AM5 - Topside Developments at West Kowloon Terminus Site	At least once every 6 days	141.1 µg/m <sup>3</sup>	260 µg/m <sup>3</sup>
	1-Hour TSP	AM5 - Topside Developments at West Kowloon Terminus Site	At least 3 times every 6 days	275.4 µg/m <sup>3</sup>	500 µg/m <sup>3</sup>
Noise	Leq, 30 minutes	NM2 - The Arch, Sun Tower	Weekly	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)
	Leq, 30 minutes	NM3 - The Victoria Towers Tower 1	Weekly	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)
	Leq, 30 minutes	NM4 - Canton Road Government Primary School	Weekly	When one documented complaint is received from any one of the sensitive receivers	70/65 dB(A) <sup>^</sup>
	Leq, 30 minutes	NM5 -Development next to Austin Station	Weekly	When one documented complaint is received from any one of the sensitive receivers	75 dB(A)
Landscape & Visual	Monitor implementation of proposed mitigation measures during the construction stage	As described in Table 9.1 and 9.2 of the EM&A Manual	Bi-weekly	N/A	N/A

Note:

<sup>^</sup>70 dB(A) for schools and 65 dB(A) during school examination periods.

The EM&A programme for the Project require 5 air monitoring stations and 5 noise quality monitoring stations located closest to the Project area. With regard to the monitoring activities at M+ Museum and the Lyric Complex, three monitoring stations had been considered, including AM1, AM2 for air monitoring, and NM1 for noise monitoring. In the context of the construction activities in Zone 2A and Zone 2B & 2C, all other monitoring locations including AM3, AM4, and AM5 for air monitoring; and NM2, NM3, NM4 and NM5 for noise monitoring, have been taken into account. However, access to all these originally designated monitoring stations was declined. Therefore, alternative monitoring stations was identified and proposed.

With regard to air monitoring, alternative monitoring locations (AM3A, AM4A, and AM5A) were identified at ground floor at the Northeast corner of West Kowloon Station's station box, at ground floor at the Southeast corner of West Kowloon Station's station box, and at ground floor at the North of West Kowloon Station's station box respectively. AM3A, AM4A, and AM5A were set in same direction to the area of major construction site activities in Zone 2A. These alternative air monitoring locations (AM3A, AM4A, and AM5A) were approved by EPD on 29 September 2020.

For noise monitoring, alternative noise monitoring location (NM2A) was identified at the ground floor in front of The Arch - Sun Tower, which is at the same location as stated in the EM&A Manual for consistency. This alternative noise monitoring location was approved by EPD on 29 September 2020. Other alternative noise monitoring locations (NM3A, NM4A, and NM5A) were identified at the ground floor in front of the Xiqu Centre, at the ground floor next to Tsim Sha Tsui Fire Station, and at the Pedestrian road (ground floor) outside West Kowloon Station respectively. NM3A, NM4A and NM5A were set closer to the construction site boundary with more direct line sight to the major site activities and higher exposure to the construction noise with no disturbance to the premises' occupants during noise monitoring activities. These alternative noise monitoring locations (NM3A, NM4A, and NM5A) were approved by EPD on 29 September 2020.

Therefore, 3 air quality monitoring stations and 4 noise impact monitoring station were confirmed for the impact monitoring for construction activities in Zone 2A and Zone 2B & 2C.

## 2.2 Environmental Mitigation Measures

Environmental mitigation measures have been recommended in the EM&A Manual. Summary of implementation status of the environmental mitigation measures is provided in **Appendix C**.

## 3 Summary of EM&A Results

### 3.1 Monitoring Data

In accordance with the EM&A Manual, impact monitoring has been conducted in the reporting quarter. Meteorological data for the reporting quarter have been extracted from Hong Kong Observatory and presented in **Appendix D**. Monitoring data with graphical presentation for the reporting quarter are shown in **Appendix E**. A summary on the monitoring results is presented in **Table 3.1**.

**Table 3.1: Summary of Monitoring Data**

Parameter	Monitoring Location	Minimum	Maximum	Average
<b>Air Quality</b>				
1 hour TSP	AM3A	31	56	44
1 hour TSP	AM4A	32	59	44
1 hour TSP	AM5A	31	58	44
24 hour TSP	AM3A	31	52	40
24 hour TSP	AM4A	31	54	40
24 hour TSP	AM5A	33	52	41
<b>Construction Noise</b>				
Leq(30min)	NM2A	63	63	63
Leq(30min)	NM3A	60	61	61
Leq(30min)	NM4A	58	59	58
Leq(30min)	NM5A	63	64	64

### 3.2 Monitoring Exceedances

Summary of the exceedances in the reporting quarter is tabulated in **Table 3.2**.

**Table 3.2: Summary of Exceedances**

Monitoring Station	Parameter	No. of Exceedance		Action Taken
		Action Level	Limit Level	
<b>Air Quality</b>				
AM3A	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
AM4A	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
AM5A	1 hour TSP	0	0	N/A
	24 hour TSP	0	0	N/A
<b>Construction Noise</b>				
NM2A	Leq(30min)	0	0	N/A
NM3A	Leq(30min)	0	0	N/A
NM4A	Leq(30min)	0	0	N/A
NM5A	Leq(30min)	0	0	N/A

### **3.2.1 1-hour TSP Monitoring**

All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance of 1-hour TSP for Air Quality was recorded.

### **3.2.2 24-hour TSP Monitoring**

All 24-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance of 24-hour TSP for Air Quality was recorded.

### **3.2.3 Construction Noise Monitoring**

All construction noise monitoring was conducted as scheduled in the reporting quarter. No Action/ Limit Level exceedance of Noise was recorded in the reporting quarter.

### **3.2.4 Landscape and Visual Monitoring**

All landscape and visual impact inspections were conducted as scheduled in the reporting quarter. No adverse comment on landscape and visual aspects were recorded.

## 4 Waste Management

### 4.1 Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095)

As advised by the Zones 2A, 2B & 2C Contractor, 48852.22 tonne and 0.0 tonne of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 and Tuen Mun Area 38 in the reporting quarter, while 160.05 tonne of general refuse were disposed of at SENT and WENT landfill. 0.0 tonne of metals, 0.0 tonne of paper/cardboard packaging, 0.0 tonne of plastics and 0.0 tonne of timber was collected by recycling contractors in the reporting quarter. 0.0 tonne of inert C&D material were reused on site. 0.0 tonne of inert C&D material was imported for reuse at site and 61209.41 tonne of inert C&D material were reused in other projects. 277.72 tonne of inert C&D material was disposed to sorting facility and 1.4 tonne of chemical waste was collected by licensed contractors in the reporting quarter.

The actual amounts of different types of waste generated by the activities of construction works at Zones 2A, 2B & 2C in the reporting quarter are shown in **Appendix F**.

## 5 Environmental Non-conformance

There was no breach of Action or Limit Levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in the reporting quarter.

Two complaints were received in the reporting quarter. No notifications of summons and successful prosecutions were received in the reporting quarter.

On 2 March 2026, the WKCD referred a complaint case received via hotline on 1 Mar 2026 regarding noise disturbance caused by ongoing construction work near Artist Square Bridge from 9 a.m. on 1 March 2026. The Complaint enquired about the duration of construction work, whether a permit has been obtained from Environmental Protection Department as the construction activity is carrying out on Sunday, whether it will continue every Sunday, and the contact point of the construction site. Further to the complaint email received on 02 March 2026, investigation was carried out at WKCD Zone 2A, 2B & 2C site. According to the message from the complaint, noise nuisance from construction site near Artist Square Bridge was observed starting from 9am on 01 March 2026. During the inspection after received the enquiry, it was found that cleansing work at grouting station in Zone 2C near Zone 3 conducted on 1 Mar 2026. After reviewing the concerned site activities, the cleansing works was originally meant to be conducted with water jet and brushes only, however, the workers found certain valve or joint stuck and they tried to overcome, and so caused the noise nuisance.

To minimize the environmental impacts to the surrounding, number of mitigation measures were implemented. After notification of the complaint, immediate actions have been taken on site to improve the noise control and mitigation measures. In addition, as preventive measure, machinery shall be rinsed immediately after use to avoid the components got stuck, and the noisy cleansing work at grout station is now prohibited to be conducted in restricted hours. According to the noise monitoring results on 1 March 2026, the measured noise levels (dB(A)) were below the limit level of 70dB(A). It was concluded that the concerned environmental impact might be due to the site works, especially the cleansing at grout station in the site. And under current site planning procedures, the works beyond normal working hours were planned to be conducted occasionally throughout the project under effective construction noise permit (CNP). However, as to minimize the impact to the surrounding, the noisy cleansing work at grout station would be prohibited in restricted hours. A direct contact to our site agent, Mr. Gary Wong, is welcome to any further queries. On-site mitigation measures have already been implemented and maintained on site and prompt actions have been taken. The contractor will keep maintain good practice on site, and strengthen the implementation of mitigation measures to reduce impacts to the nearby neighbors.

On 17 April 2026 (Friday), the site received a complaint from the Harbourside Owners Committee through WKCD regarding dust pollution arising from ongoing construction activities within the West Kowloon Cultural District area. The Committee has expressed doubts in the proper operation of the dust suppression measures as three mist cannons were observed to be idled on-site and their further concerns about the negative impact this dust is having on the residents' living environment and health. Further to the complaint email received on 17 April 2026, investigation was carried out at WKCD Zone 2A, 2B & 2C site. According to the message from the complaint, the construction dust has significantly degraded the living environment and raised serious public health concerns. Complaint also expressed their doubts in the proper operation of the dust suppression measures as three mist cannons were observed to be idled on-site. During the inspection, the condition of the dust suppression measures was checked. On-site dust suppression measures were found in place and functioning. According to the site record, the

concerned mist cannons were temporarily disconnected on 27 Mar 26 as to facilitate the relocation for setup of the new C&D material stockpiling area. The mist cannons have resumed operation on 17 Apr 26. During the interim period, manual water spaying by worker was conducted as an intermediate dust suppression measures.

As advised by the Contractor, the major construction works undertaken in March 2026 were Excavation and Installation of ELS & Erection of Temporary Steel Platform. To minimize the environmental impacts to the surrounding, number of mitigation measures were implemented. During ET's regular site inspections on 4, 11, 18, 25, 31 March 2026 and 8, 15 April 2026, three areas for attention regarding dust suppression were noted: full coverage of dusty material stockpiles, timely and increased watering of access road, and targeted and sufficient watering prior to soil transport. During the follow-up visit, it was observed that the contractor had strengthened the relevant dust suppression measures. After notification of the complaint, immediate actions have been taken on site to improve the dust control for vehicles. A detail dust control plan has been updated. The operation frequency for all dust suppression measure is now regulated at a minimum of once per hour. The actual frequency will be adjusted dynamically based on prevailing weather conditions. Furthermore, a supervision staff would monitor the site conditions to ensure the ground surface and material stockpiles maintain adequate moisture levels at all times. According to the recent dust monitoring results in March & April 2026, the measured dust levels ( $\mu\text{g}/\text{m}^3$ ) were below the action levels at each monitoring point and the limit level of  $500\mu\text{g}/\text{m}^3$ . It was concluded that the concerned environmental impact might be due to the construction works and transportation in the site. The mist cannons were temporarily taken offline on 27 Mar 2026 for relocation. During this period, manual water spraying was used as an interim dust suppression measure, adjusted based on moisture content. On-site mitigation measures have already been implemented and maintained and prompt actions have been taken. The contractor shall keep maintain good practice on site, and strengthen the implementation of mitigation measures to reduce impacts to the nearby neighbours.

The cumulative statistics on complaints, notifications of summons and successful prosecutions were provided in **Appendix G**.

## 6 Comments, Recommendations and Conclusion

### 6.1 Comments

Based on the observations made during site audits and landscape inspections, and construction dust and noise monitoring results, no non-compliances and exceedances of air quality and construction noise were recorded in the reporting quarter.

### 6.2 Recommendations

Reviewing the implementation of the recommended mitigation measures in the EM&A Manual, it was observed that they were effective and efficient in controlling the potential impacts due to construction of the project during the reporting period. Review of the effectiveness and efficiency of the EM&A programme will continue, 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.

### 6.3 Conclusion

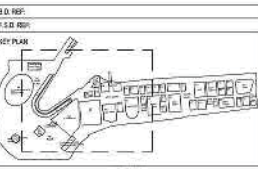
The EM&A programme as recommended in the EM&A Manual has been undertaken. The construction works and EM&A programme for Zone 2A (Contract No.: GW/2020/05/073) was commenced on 03 October 2020 and handed over on 31 March 2023; while the construction works and EM&A programme for Zone 2B & 2C (Contract No.: CC/2020/2B/088) was commenced on 30 September 2021 and handed over on 05 July 2024. The construction works and EM&A programme for Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095) was commenced on 05 July 2024.

Monitoring of air quality and noise with respect to the Project is underway. In particular, the 1-hour TSP, 24-hour TSP and noise level (as Leq, 30 minutes) under monitoring have been checked against established Action and Limit Levels. There was no breach of Action or Limit Levels for Air Quality (1-hour TSP and 24-hour TSP) and Noise in this reporting quarter.

Two complaints were received in the reporting quarter. No notifications of summons and successful prosecutions were received during the reporting quarter.

Weekly construction phase site inspections and bi-weekly landscape and visual impact inspections were conducted during the reporting quarter as required. It was observed that the Contractor had implemented all possible and feasible mitigation measures to mitigate the potential environmental impacts during construction phase works.

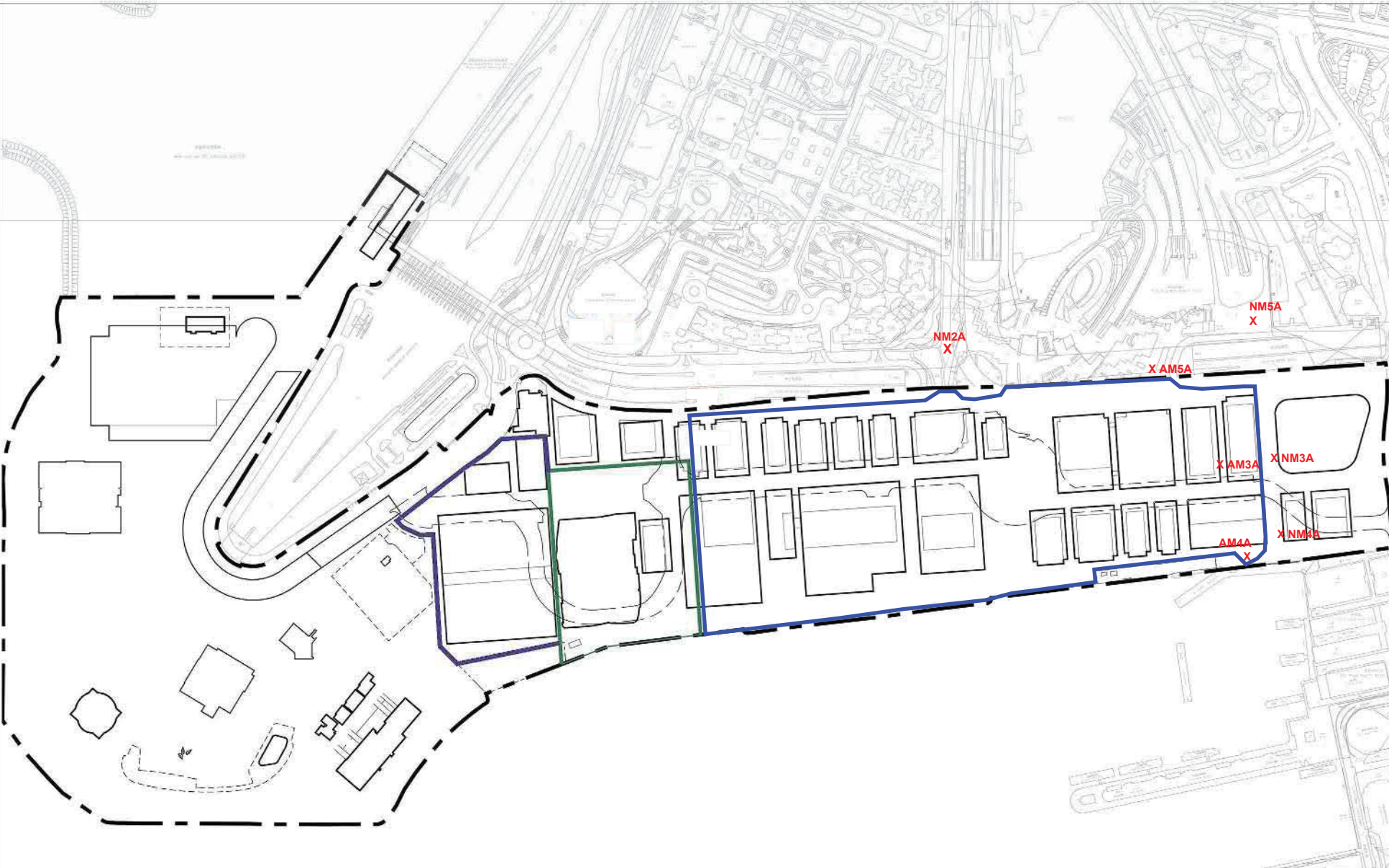
## **Figure 1    Site Layout Plan and Monitoring Stations**



- NOTES**
- WKCD BOUNDARY
  - M+ MUSEUM BOUNDARY
  - LYRIC THEATRE BOUNDARY
  - - - BOUNDARY OF UNDERPASS ROAD SERVING THE PLANNED WKCD
  - X CONSTRUCTION AIR/NOISE MONITORING STATION

**REMARKS:**  
 THE AIR MONITORING STATION AM2A HAS BEEN RELOCATED TO THE ALTERNATIVE MONITORING STATION AM2B AT 1ST FLOOR OF GAMMON'S SITE OFFICE ON 26 FEBRUARY 2019.

— Zones 2A, 2B & 2C Boundary (Contract No.: CC/2023/2B/095)



REV.	DATE	DESCRIPTION	INITIAL

**J2B 1111 DEVELOPMENT AT WEST KOWLOON CULTURAL DISTRICT**

**DRAWING TITLE SITE LAYOUT PLAN AND MONITORING STATIONS**

SCALE:	1:50	PRINTED:	A1
CHECKED:	DATE	APPROVED:	DATE
DRAWN:	TY	DATE:	15-05-2019

CONTRACT NO.: -

DRAWING NO.:	<b>FIGURE 1</b>	REV.:	XX
--------------	-----------------	-------	----

CAD REF NAME: X0000\_A11\_P115\_DWG\_P115\_000-0000-000.dwg

AUTHORITY:

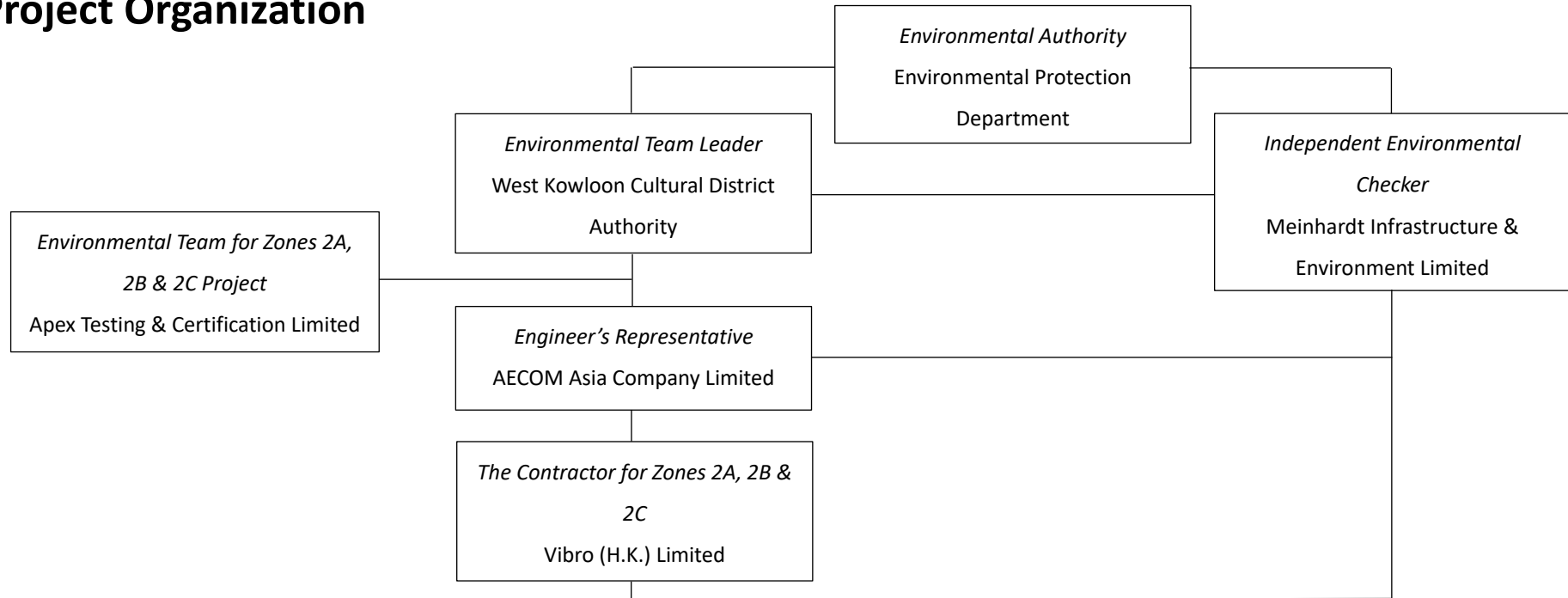


# Appendices

- A. Project Organisation
- B. Construction Programme
- C. Environmental Mitigation Measures – Implementation Status
- D. Meteorological Data Extracted from Hong Kong Observatory
- E. Graphical Plots of the Monitoring Results
- F. Waste Flow table
- G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

## A. Project Organisation

# Project Organization



**Table A-1: Contract Information**

Company Name	Role	Name	Telephone	Email
West Kowloon Cultural District Authority	WKCDA Representative & Project ETL	Mr. Max LEE	2200 0782	max.sl.lee@wkcd.a.hk
Meinhardt Infrastructure & Environment Limited	Independent Environmental Checker	Ms. Claudine LEE	2859 5409	claudinelee@meinhardt.com.hk
Leigh & Orange Ltd.	Senior Inspector of Works	Mr. Dick TAM	9762 6960	dick.tam@leightorange.com
AECOM Asia Company Limited	Resident Engineer (Zone 2 ELS)	Ms. Maggie TSANG	5543 8208	maggie.tsang@aecom.com
Vibro (H.K.) Limited	Environmental Sustainability Manager	Mr. Tony YAM	2137 5586	tony_yam@vibro.com.hk
Apex Testing & Certification Limited	Contractor's Environmental Team Leader	Mr. Calvin LUI	9629 9718	calvinlui@apextestcert.com

## B. Construction Programme

# ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	CMWP R0 Dur	CMWP R0 Start	CMWP R0 Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float	2026																							
										March					April				May				June				July				August		
										02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	27	03	
<b>ELS Works (Stages 1 &amp; 2) for IBUR in Zones 2ABC 17 Apr 2026</b>																																	
<b>Contract Dates</b>																																	
<b>CAI Date for Optional Works</b>																																	
<b>Between 5 Jul 2024 and 21 Nov 2026, within 870 Days</b>																																	
WKCDA-#AD-03030	(Opt Works Item No.3) Site Maintenance for Zone 2A, 2B, 2C and NSO after Practical Completion within 870 Days	0	05-Jul-24		0	04-Apr-26*		0%	0	◆ (Opt Works Item No.3) Site Maintenance for Zone 2A, 2B, 2C and NSO after Practical Completion within 870 Days																							
WKCDA-#AD-03040	(Opt Works Item No.4) Road reinstatement works at Austin Road West within 870 Days	0	05-Jul-24		0	04-Apr-26*		0%	0	◆ (Opt Works Item No.4) Road reinstatement works at Austin Road West within 870 Days																							
<b>BD Statutory Submissions</b>																																	
<b>Consent BA8 and BA10 Submissions</b>																																	
<b>Zone 2B</b>																																	
<b>BD Submission and Consent for Excavation and ELS Installation</b>																																	
WKCDA-BD-STA-01220	BA8 for excavation and ELS installation at Zone 2B(Stage 2) to 0mPD(Consent 11)	28	04-Sep-25	01-Oct-25	29	13-Feb-26 A	13-Mar-26 A	100%		[Gantt bar: 13-Feb-26 to 13-Mar-26, 100% complete]																							
WKCDA-BD-STA-01240	BA8 for excavation and ELS installation at Zone 2B (Stage 2) to FEL(Consent 12)	28	02-Oct-25	29-Oct-25	56	25-Feb-26 A	21-Apr-26	15%	-64	[Gantt bar: 25-Feb-26 to 21-Apr-26, 15% complete]																							
WKCDA-BD-STA-01230	BA10 for excavation and ELS installation at Zone 2B(Stage 2) to 0mPD(Consent 11)	7	02-Oct-25	08-Oct-25	42	14-Mar-26 A	24-Apr-26	15%	-106	[Gantt bar: 14-Mar-26 to 24-Apr-26, 15% complete]																							
WKCDA-BD-STA-01250	BA10 for excavation and ELS installation at Zone 2B (Stage 2) to FEL(Consent 12)	7	30-Oct-25	05-Nov-25	7	22-Apr-26	28-Apr-26	0%	-64	[Gantt bar: 22-Apr-26 to 28-Apr-26, 0% complete]																							
<b>Zone 2A-1</b>																																	
<b>BD Submission and Consent for Excavation and ELS Installation</b>																																	
WKCDA-BD-STA-01200	BA8 for excavation and ELS installation at Zone 2A-1(Stage 2)(Consent 11)	28	01-Aug-25	28-Aug-25	29	13-Feb-26 A	13-Mar-26 A	100%		[Gantt bar: 13-Feb-26 to 13-Mar-26, 100% complete]																							
WKCDA-BD-STA-01210	BA10 for excavation and ELS installation at Zone 2A-1(Stage 2)(Consent 11)	7	29-Aug-25	04-Sep-25	41	14-Mar-26 A	23-Apr-26	15%	-132	[Gantt bar: 14-Mar-26 to 23-Apr-26, 15% complete]																							
<b>Cost Centre A - Preliminaries, General Requirements</b>																																	
<b>General Submission and Procurement</b>																																	
<b>Procurement and Delivery of Materials</b>																																	
<b>Strut and Wailing</b>																																	
WKCDA-A-PRO-2340	Delivery of Strut and Wailing for Zone 2B & 2A-1	70	29-Apr-25	07-Jul-25	176	03-Nov-25 A	27-Apr-26	15%	-112	[Gantt bar: 03-Nov-25 to 27-Apr-26, 15% complete]																							
<b>Coordination</b>																																	
<b>Interface Contractors and Other Project Contractors</b>																																	
WKCDA-A-CIC-01050	Coordination with Contract no.CC/2017/3A/031 L2 Contract for Lyric Theatre Complex and Extended basement project	180	30-Aug-24	25-Feb-25	639	05-Jul-24 A	04-Apr-26	85%	279	[Gantt bar: 05-Jul-24 to 04-Apr-26, 85% complete]																							
<b>Cost Centre B &amp; I - General, Hoarding and Monitoring Works</b>																																	
<b>General Submission</b>																																	
<b>Submission and Approval</b>																																	
<b>Method statement for Relocation of check water meter cabinet</b>																																	
WKCDA-B-SUB-01125	Prepare and submit method statement for Relocation of Check water meter cabinet	0			18	06-Apr-26	23-Apr-26	0%	-95	[Gantt bar: 06-Apr-26 to 23-Apr-26, 0% complete]																							
WKCDA-B-SUB-01135	Review and Approve method statement for Relocation of Check water meter cabinet	0			14	24-Apr-26	07-May-26	0%	-95	[Gantt bar: 24-Apr-26 to 07-May-26, 0% complete]																							
<b>Construction</b>																																	
<b>General and Monitoring Works</b>																																	
<b>Relocate water check meter cabinet</b>																																	
WKCDA-B-MOB-01240	Relocation of check water meter cabinet at Zone 2A East gantry	24	08-Nov-24	05-Dec-24	30	08-May-26	12-Jun-26	0%	-74	[Gantt bar: 08-May-26 to 12-Jun-26, 0% complete]																							
WKCDA-B-MOB-01100	Site clearance, break up and removal of existing road pavement and light posts, signages	60	06-Dec-24	20-Feb-25	30	13-Jun-26	20-Jul-26	0%	-74	[Gantt bar: 13-Jun-26 to 20-Jul-26, 0% complete]																							
<b>Coordination of External Works and Utilities Services</b>																																	
WKCDA-B-MOB-01160	Coordination with highways department(HyD)	60	08-Nov-24	06-Jan-25	639	05-Jul-24 A	04-Apr-26	90%	-94	[Gantt bar: 05-Jul-24 to 04-Apr-26, 90% complete]																							
WKCDA-B-MOB-01200	Coordination with WSD	75	06-Dec-24	18-Feb-25	640	05-Jul-24 A	05-Apr-26	83%	-95	[Gantt bar: 05-Jul-24 to 05-Apr-26, 83% complete]																							
WKCDA-B-MOB-1420	Coordination with MTRC	75	06-Dec-24	18-Feb-25	505	06-Dec-24 A	24-Apr-26	83%	166	[Gantt bar: 06-Dec-24 to 24-Apr-26, 83% complete]																							
WKCDA-B-MOB-1440	Coordination with DSD	75	06-Dec-24	18-Feb-25	505	06-Dec-24 A	24-Apr-26	83%	166	[Gantt bar: 06-Dec-24 to 24-Apr-26, 83% complete]																							
WKCDA-B-MOB-1460	Coordination with FSD	75	06-Dec-24	18-Feb-25	471	20-Dec-24 A	04-Apr-26	83%	-76	[Gantt bar: 20-Dec-24 to 04-Apr-26, 83% complete]																							
WKCDA-B-MOB-1480	Coordination with other UU authorities	75	06-Dec-24	18-Feb-25	491	20-Dec-24 A	24-Apr-26	83%	166	[Gantt bar: 20-Dec-24 to 24-Apr-26, 83% complete]																							
<b>WSD Pipe Diversion and Light Post (HyD) near Zone 2A</b>																																	

◆ Milestone	◆ Milestone	▬ Planned Bar
◆ Critical MS	◆ Critical MS	▬ Actual Work Complet...
▬ Critical Bar	◆ R0 MS	

**CC/2023/2B/095**  
**Three Month Rolling Programme as of 17 Apr 2026**

Date	Revision	Checked	Approved
17-Apr-26	CMWP R0	PP	

# ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	CMWP R0 Dur	CMWP R0 Start	CMWP R0 Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float	2026																											
										March					April					May					June					July					August		
										02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	27	03					
WKCDA-B-MOB-01180	Relocation of existing light post at Zone 2A East gantry	60	07-Jan-25	20-Mar-25	60	08-Apr-26	18-Jun-26	0%	91	Planned Bar																											
WKCDA-B-MOB-01220	Carry-out FW107 diversion works including T&C and inspection	46	15-May-25	08-Jul-25	46	20-Jun-26	13-Aug-26	0%	91	Planned Bar																											
<b>Cost Centre C - Excavation and Lateral Support Works for Zone 2B (Stage 1)</b>																																					
<b>Submissions and Approval</b>																																					
<b>Design Submission and Statutory Submission</b>																																					
<b>BD Submission</b>																																					
WKCDA-C-SUB-01440	Submit BA14 and acknowledgment from BD for interlocking pipe pile wall, grout curtain and king post at Zone 2B	28	01-Sep-25	28-Sep-25	29	13-Feb-26 A	13-Mar-26 A	100%		Actual Work Completed																											
<b>Cost Centre D - Excavation and Lateral Support Works for Zone 2C (Stage 1)</b>																																					
<b>Construction</b>																																					
<b>Post Grout Curtain Works</b>																																					
<b>Drilling for post-grout curtain works Part 2</b>																																					
WKCDA-D-CON-1340	Drilling for post grout curtain works at Zone 2C(A_A348 to A_A397)(Consent 6b) 50	34	22-Sep-25	03-Nov-25	109	25-Oct-25 A	10-Mar-26 A	100%		Actual Work Completed																											
<b>Post Grout Curtain Works Part 2</b>																																					
WKCDA-D-CON-01300	Carry-out post grout curtain works at Zone 2C(A_A348 to A_A397)(Consent 6b) 50	34	04-Nov-25	12-Dec-25	110	25-Oct-25 A	10-Mar-26 A	100%		Actual Work Completed																											
<b>Pumping Test</b>																																					
WKCDA-D-CON-01030	Installation of pump wells(OW,DW&RW)(17nos, 3days/no/rig, 2rig) at Zone 2C 3 (Inside)	26	29-Aug-25	27-Sep-25	58	20-Dec-25 A	04-Mar-26 A	100%		Actual Work Completed																											
WKCDA-D-CON-01050	Installation of pump wells(OW,DW&RW)(17nos, 3days/no/rig,2rig) at Zone 2C 4 (Inside)	26	29-Sep-25	31-Oct-25	66	23-Dec-25 A	16-Mar-26 A	100%		Actual Work Completed																											
WKCDA-D-CON-01340	Carry-out pumping test and report submission at Zone 2C to FEL (2nd Pumping Test)	15	13-Dec-25	27-Dec-25	25	20-Mar-26 A	13-Apr-26	2%	240	Planned Bar																											
WKCDA-D-SUB-01320	Submit BA14 and acknowledgment from BD for interlocking pipe pile wall, grout curtain at Zone 2C	28	28-Dec-25	24-Jan-26	30	14-Apr-26	13-May-26	0%	240	Planned Bar																											
<b>Cost Centre E - Excavation and Lateral Support Works for Zone 2B (Stage 2)</b>																																					
<b>Submissions and Approval</b>																																					
<b>Design Submission and Statutory Submission</b>																																					
<b>Method statement for excavation and lateral support installation at Zone 2B (Stage 2)</b>																																					
WKCDA-E-SUB-01000	Prepare and submit method statement for excavation and lateral support installation at Zone 2B(Stage 2)	28	25-Jun-25	22-Jul-25	14	04-Apr-26	17-Apr-26	0%	-106	Planned Bar																											
WKCDA-E-SUB-01020	Review and approve submission of method statement for excavation and lateral support installation at Zone 2B(Stage 2)	60	23-Jul-25	20-Sep-25	12	13-Apr-26	24-Apr-26	0%	-106	Planned Bar																											
<b>Excavation and ELS installation at Zone 2B (Stage 2) to FEL(Consent 11)</b>																																					
WKCDA-E-SUB-01060	Submit BA10 for excavation and ELS installation at Zone 2B(Stage 2)	7	02-Oct-25	08-Oct-25	7	18-Apr-26	24-Apr-26	0%	-106	Planned Bar																											
<b>Excavation and ELS installation at Zone 2B (Stage 2) to FEL(Consent 12)</b>																																					
WKCDA-E-SUB-01080	Application and obtain consent(BA8) for excavation and ELS installation at Zone 2B (Stage 2) to FEL(Consent 12)	28	02-Oct-25	29-Oct-25	43	25-Feb-26 A	08-Apr-26	95%	-51	Actual Work Completed																											
WKCDA-E-SUB-01200	Submit BA10 for excavation and ELS installation at Zone 2B (Stage 2)	7	30-Oct-25	05-Nov-25	7	22-Apr-26	28-Apr-26	0%	-64	Planned Bar																											
<b>Construction</b>																																					
<b>Excavation, Temporary Shoring and Struts</b>																																					
<b>Excavation</b>																																					
WKCDA-E-CON-01070	Excavation to +3.000mPD 1st ELS Layer at Zone 2B (40331m3, 1613m3/day) Part 2	25	08-Sep-25	08-Oct-25	68	04-Feb-26 A	02-May-26	50%	-104	Actual Work Completed																											
WKCDA-E-CON-01120	Excavation to +1.250mPD 2nd ELS Layer at Zone 2B (41583m3, 800m3/day)	52	09-Oct-25	09-Dec-25	60	21-Feb-26 A	07-May-26	30%	-94	Actual Work Completed																											
WKCDA-E-CON-01130	Excavation to +0.000mPD 2nd ELS Layer at Zone 2B (45338m3, 1008m3/day)	45	10-Dec-25	03-Feb-26	36	20-May-26	03-Jul-26	0%	-104	Planned Bar																											
<b>Temporary Shoring</b>																																					
WKCDA-E-CON-01080	Construction of temporary steel platform at Zone 2B (1,072T)	30	09-Aug-25	12-Sep-25	60	26-Jan-26 A	13-Apr-26	50%	520	Actual Work Completed																											
WKCDA-E-CON-10220	Construction of temporary steel platform at Zone 2B (1,072T)	30	13-Sep-25	20-Oct-25	31	20-Mar-26 A	29-Apr-26	2%	-99	Planned Bar																											
WKCDA-E-CON-10240	Construction of temporary steel platform at Zone 2B (1,072T)	30	21-Oct-25	25-Nov-25	30	30-Apr-26	05-Jun-26	0%	-99	Planned Bar																											

- ◆ Milestone
- ◆ Critical MS
- ◆ Critical Bar
- ▬ Planned Bar
- ▬ Actual Work Completed
- ◆ R0 MS

**CC/2023/2B/095**  
**Three Month Rolling Programme as of 17 Apr 2026**

Date	Revision	Checked	Approved
17-Apr-26	CMWP R0	PP	

# ELS Works (Stages 1 & 2) for Integrated Basement and Underground Road in Zones 2A, 2B and 2C of West Kowloon Cultural District

Activity ID	Activity Name	CMWP R0 Dur	CMWP R0 Start	CMWP R0 Finish	Dur	Forecast /Actual Start	Forecast /Actual Finish	%	Total Float	2026																								
										March					April					May					June					July				August
										02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	27	03		
<b>ELS Installation 3,216 Ton</b>																																		
WKCD-A-E-CON-01100	ELS installation to +3.00mPD for 1st layer at Zone 2B	81	08-Sep-25	13-Dec-25	89	04-Feb-26 A	28-May-26	15%	-92																									
WKCD-A-E-CON-01140	ELS installation to +1.25mPD for 2nd layer at Zone 2B	81	15-Dec-25	25-Mar-26	72	06-Jun-26	31-Aug-26	0%	-99																									
<b>Demolition of Existing wall bet. Zone 2A-1 and Zone B</b>																																		
WKCD-A-E-CON-10260	Trimming of Existing IPP bet. Zone 2B and Zone 2A-1 +3.00mPD to +0.00mPD	14	09-Oct-25	24-Oct-25	14	04-May-26	19-May-26	0%	-104																									
WKCD-A-E-CON-10280	Trimming of Existing IPP bet. Zone 2B and Zone 2A-1 +1.25mPD to +0.00mPD	14	10-Dec-25	27-Dec-25	14	20-May-26	05-Jun-26	0%	-82																									
<b>Cost Centre F - Excavation and Lateral Support Works for Zone 2A-1 (Stage 2)</b>																																		
<b>Submissions and Approval</b>																																		
<b>Design Submission and Statutory Submission</b>																																		
<b>King post at Zone 2A-1</b>																																		
WKCD-A-F-SUB-01160	Application and obtain consent(BA8) for excavation and ELS installation at Zone 2A-1 (Stage 2)(Consent 11)	28	01-Aug-25	28-Aug-25	34	02-Mar-26 A	04-Apr-26	50%	-120																									
WKCD-A-F-SUB-01180	Submit BA10 for excavation and ELS installation at Zone 2A-1	7	29-Aug-25	04-Sep-25	7	17-Apr-26	23-Apr-26	0%	-132																									
<b>Excavation and ELS installation at Zone 2A-1 (Stage 2) to FEL(Consent 12)</b>																																		
WKCD-A-F-SUB-01200	Application and obtain consent(BA8) for excavation and ELS installation at Zone 2A-1(Stage 2) to FEL(Consent 12)	28	02-Oct-25	29-Oct-25	28	04-Apr-26	01-May-26	0%	-9																									
WKCD-A-F-SUB-01220	Submit BA10 for excavation and ELS installation at Zone 2A-1(Stage 2)	7	30-Oct-25	05-Nov-25	7	02-May-26	08-May-26	0%	-9																									
<b>Construction</b>																																		
<b>Excavation, Temporary Shoring and Struts</b>																																		
<b>Excavation</b>																																		
WKCD-A-F-CON-01100	Excavation to +3.0mPD from existing ground level at Zone 2A-1 (7245m3, 213m3/day)	34	09-Aug-25	17-Sep-25	80	25-Dec-25 A	08-Apr-26	50%	-96																									
WKCD-A-F-CON-01110	Excavation to +3.0mPD from existing ground level at Zone 2A-1 (7481m3, 214m3/day)	35	18-Sep-25	31-Oct-25	23	17-Apr-26	14-May-26	0%	-103																									
WKCD-A-F-CON-01160	Excavation to +1.0mPD 2nd ELS Layer at Zone 2A-1 (9023m3, 237m3/day) Part 1	38	01-Nov-25	15-Dec-25	30	15-May-26	20-Jun-26	0%	-103																									
WKCD-A-F-CON-01170	Excavation to +1.0mPD 2nd ELS Layer at Zone 2A-1 (8325m3, 219m3/day) Part 2	38	16-Dec-25	31-Jan-26	30	22-Jun-26	27-Jul-26	0%	-103																									
<b>Temporary Shoring</b>																																		
WKCD-A-F-CON-01120	Construction of temporary steel platform at Zone 2A-1 (348T)	30	09-Aug-25	12-Sep-25	112	18-Nov-25 A	08-Apr-26	90%	-96																									
WKCD-A-F-CON-1380	Construction of temporary steel platform at Zone 2A-1 (348T)	30	13-Sep-25	20-Oct-25	18	09-Apr-26	29-Apr-26	0%	-91																									
WKCD-A-F-CON-1400	Construction of temporary steel platform at Zone 2A-1 (348T)	30	21-Oct-25	25-Nov-25	28	23-Apr-26	27-May-26	0%	-83																									
WKCD-A-F-CON-1420	Construction of temporary steel platform at Zone 2A-1 (348T)	30	26-Nov-25	02-Jan-26	22	08-May-26	03-Jun-26	0%	-59																									
<b>ELS Installation (944 Ton)</b>																																		
WKCD-A-F-CON-01140	ELS installation to +3.0mPD for 1st layer at Zone 2A-1	50	01-Nov-25	31-Dec-25	40	15-May-26	03-Jul-26	0%	-103																									
<b>Cost Centre G - Excavation and Lateral Support Works for Zone 2A-2-1 (Stage 2)</b>																																		
<b>Construction</b>																																		
<b>Excavation, Temporary Shoring and Struts</b>																																		
<b>Excavation</b>																																		
WKCD-A-G-CON-01110	Excavation to +2.75mPD 1st ELS Layer at Zone 2A-2-1 (5420m3, 200m3/day)	35	21-Jul-25	29-Aug-25	25	19-Feb-26 A	20-Mar-26 A	100%																										
WKCD-A-G-CON-01160	Excavation to -2.6mPD 2nd ELS Layer at Zone 2A-2-1 (11820m3, 338m3/day)	35	30-Aug-25	11-Oct-25	40	20-Mar-26 A	11-May-26	0%	-41																									
WKCD-A-G-CON-01170	Excavation to -2.6mPD 2nd ELS Layer at Zone 2A-2-1 (16420m3, 410m3/day)	40	13-Oct-25	28-Nov-25	30	12-Jun-26	18-Jul-26	0%	-67																									
<b>ELS Installation (1,392 Ton)</b>																																		
WKCD-A-G-CON-01122	Install Struts & Wallings to +2.75mPD for 1st layer at Zone 2A-2-1 (Area A,B & C)	0			18	08-Apr-26	28-Apr-26	0%	-67																									
WKCD-A-G-CON-01124	Pre-loading ELS at 2.75mPD for 1st layer (Area A, B & C)	0			12	29-Apr-26	13-May-26	0%	-66																									
WKCD-A-G-CON-01128	Install Struts & Wallings to +2.75mPD for 1st layer at Zone 2A-2-1 (Area D&E)	0			18	29-Apr-26	20-May-26	0%	-67																									

- ◆ Milestone
- ◆ Critical MS
- ▬ Critical Bar
- ▬ Planned Bar
- ▬ Actual Work Complet...
- ◆ R0 MS

**CC/2023/2B/095**  
**Three Month Rolling Programme as of 17 Apr 2026**

Date	Revision	Checked	Approved
17-Apr-26	CMWP R0	PP	



## **C. Environmental Mitigation Measures – Implementation Status**

**Table C-1: Environmental Mitigation Measures Implementation Status**

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
<b>Air Quality Impact (Construction)</b>				
2.1	<p><b>General Dust Control Measures</b></p> <p>Frequent water spraying for active construction areas (12 times a day or once every one hour), including Heavy construction activities such as construction of buildings or roads, drilling, ground excavation, cut and fill operations (i.e., earth moving)</p>	Obs	Obs	✓
2.1	<p><b>Best Practice For Dust Control</b></p> <p>The relevant best practices for dust control as stipulated in the Air Pollution Control (construction Dust) Regulation should be adopted to further reduce the construction dust impacts from the Project. These best practices include:</p> <p><i>Good Site Management</i></p> <ul style="list-style-type: none"> <li>Good site management is important to help reducing potential air quality impact down to an acceptable level. As a general guide, the Contractor should maintain high standard of housekeeping to prevent emission of fugitive dust. Loading, unloading, handling and storage of raw materials, wastes or by-products should be carried out in a manner so as to minimise the release of visible dust emission. Any piles of materials accumulated on or around the work areas should be cleaned up regularly. Cleaning, repair and maintenance of all plant facilities within the work areas should be carried out in a manner minimising generation of fugitive dust emissions. The material should be handled properly to prevent fugitive dust emission before cleaning.</li> </ul> <p><i>Disturbed Parts of the Roads</i></p> <ul style="list-style-type: none"> <li>Each and every main temporary access should be paved with concrete, bituminous hardcore materials or metal plates and kept clear of dusty materials; or</li> </ul>	✓	✓	✓

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<ul style="list-style-type: none"> <li>Unpaved parts of the road should be sprayed with water or a dust suppression chemical so as to keep the entire road surface wet.</li> </ul>	Obs	✓	Obs
	<i>Exposed Earth</i>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Exposed earth should be properly treated by compaction, hydroseeding, vegetation planting or seeding with latex, vinyl, bitumen within six months after the last construction activity on the site or part of the site where the exposed earth lies.</li> </ul>			
	<i>Loading, Unloading or Transfer of Dusty Materials</i>	✓	Obs	✓
	<ul style="list-style-type: none"> <li>All dusty materials should be sprayed with water immediately prior to any loading or transfer operation so as to keep the dusty material wet.</li> </ul>			
	<i>Debris Handling</i>	✓	Obs	✓
	<ul style="list-style-type: none"> <li>Any debris should be covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the three sides.</li> </ul>			
	<ul style="list-style-type: none"> <li>Before debris is dumped into a chute, water should be sprayed so that it remains wet when it is dumped.</li> </ul>	N/A	N/A	N/A
	<i>Transport of Dusty Materials</i>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Vehicle used for transporting dusty materials/spoils should be covered with tarpaulin or similar material. The cover should extend over the edges of the sides and tailboards.</li> </ul>			
	<i>Wheel washing</i>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Vehicle wheel washing facilities should be provided at each construction site exit. Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels.</li> </ul>			
	<i>Use of vehicles</i>	✓	✓	✓
	<ul style="list-style-type: none"> <li>The speed of the trucks within the site should be controlled to about 10km/hour in order to reduce adverse dust impacts and secure the safe movement around the site.</li> </ul>			

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<ul style="list-style-type: none"> <li>Immediately before leaving the construction site, every vehicle should be washed to remove any dusty materials from its body and wheels.</li> <li>Where a vehicle leaving the construction site is carrying a load of dusty materials, the load should be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle.</li> </ul>	✓	✓	✓
	<i>Site hoarding</i>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of not less than 2.4m high from ground level should be provided along the entire length of that portion of the site boundary except for a site entrance or exit.</li> </ul>			
2.1	<p><b>Best Practicable Means for Cement Works (Concrete Batching Plant)</b></p> <p>The relevant best practices for dust control as stipulated in the Guidance Note on the Best Practicable Means for Cement Works (Concrete Batching Plant) BPM 3/2(93) should be followed and implemented to further reduce the construction dust impacts of the Project. These best practices include:</p> <p><i>Exhaust from Dust Arrestment Plant</i></p> <ul style="list-style-type: none"> <li>Wherever possible the final discharge point from particulate matter arrestment plant, where is not necessary to achieve dispersion from residual pollutants, should be at low level to minimise the effect on the local community in the case of abnormal emissions and to facilitate maintenance and inspection</li> </ul> <p><i>Emission Limits</i></p> <ul style="list-style-type: none"> <li>All emissions to air, other than steam or water vapour, shall be colourless and free from persistent mist or smoke</li> </ul>	N/A	N/A	N/A
		N/A	N/A	N/A

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<p><i>Engineering Design/Technical Requirements</i></p> <ul style="list-style-type: none"> <li>As a general guidance, the loading, unloading, handling and storage of fuel, raw materials, products, wastes or by-products should be carried out in a manner so as to prevent the release of visible dust and/or other noxious or offensive emissions</li> </ul>	N/A	N/A	N/A
	<p><b>Non-Road Mobile Machinery (NRMM):</b> All NRMMs operating on-site which are subject to emission control of Air Pollution Control (Non-road Mobile Machinery) (Emission) Regulation are approved/exempted (as the case may be) and affixed with the requisite approval/exemption labels.</p>	Obs	✓	Obs
<b>Noise Impact (Construction)</b>				
3.1	<p><b>Good Site Practice</b> Good site practice and noise management can significantly reduce the impact of construction site activities on nearby NSRs. The following package of measures should be followed during each phase of construction:</p> <ul style="list-style-type: none"> <li>only well-maintained plant to be operated on-site and plant should be serviced regularly during the construction works;</li> <li>machines and plant that may be in intermittent use to be shut down between work periods or should be throttled down to a minimum</li> <li>plant known to emit noise strongly in one direction, should, where possible, be orientated to direct noise away from the NSRs;</li> <li>mobile plant should be sited as far away from NSRs as possible; and</li> <li>material stockpiles and other structures to be effectively utilised, where practicable, to screen noise from on-site construction activities.</li> </ul>	✓	✓	✓
		✓	✓	✓
		✓	✓	✓
		✓	✓	✓
		Obs	Obs	✓

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
3.1	<p><b>Adoption of Quieter PME</b></p> <p>The recommended quieter PME adopted in the assessment were taken from the EPD's QPME Inventory and "<i>Sound Power Levels of Other Commonly Used PME</i>" are presented in <b>Table 4.26</b> in the EIA report. It should be noted that the silenced PME selected for assessment can be found in Hong Kong.</p>	✓	✓	✓
3.1	<p><b>Use of Movable Noise Barriers</b></p> <p>Movable noise barriers can be very effective in screening noise from particular items of plant when constructing the Project. Noise barriers located along the active works area close to the noise generating component of a PME could produce at least 10 dB(A) screening for stationary plant and 5 dB(A) for mobile plant provided the direct line of sight between the PME and the NSRs is blocked.</p>	✓	✓	✓
3.1	<p><b>Use of Noise Enclosure/ Acoustic Shed</b></p> <p>The use of noise enclosure or acoustic shed is to cover stationary PME such as air compressor and concrete pump. With the adoption of the noise enclosure, the PME could be completely screened, and noise reduction of 15 dB(A) can be achieved according to the EIAO Guidance Note No. 9/2010.</p>	✓	✓	✓
3.1	<p><b>Use of Noise Insulating Fabric</b></p> <p>Noise insulating fabric can also be adopted for certain PME (e.g. drill rig, pilling machine etc). The fabric should be lapped such that there are no openings or gaps on the joints. According to the approved Tsim Sha Tsui Station Northern Subway EIA report (AEIAR-127/2008), a noise reduction of 10 dB(A) can be achieved for the PME lapped with the noise insulating fabric.</p>	✓	✓	✓
3.1	<p><b>Scheduling of Construction Works outside School Examination Periods</b></p> <p>During construction phase, the contractor should liaise with the educational institutions (including NSRs LCS and CRGPS) to obtain the examination schedule and avoid the noisy construction activities during school examination periods.</p>	✓	✓	✓

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
<b>Water Quality Impact (Construction)</b>				
4.1	<p><b>Construction site runoff and drainage</b></p> <p>The site practices outlined in ProPECC Note PN 1/94 should be followed as far as practicable in order to minimise surface runoff and the chance of erosion. The following measures are recommended to protect water quality and sensitive uses of the coastal area, and when properly implemented should be sufficient to adequately control site discharges so as to avoid water quality impacts:</p> <ul style="list-style-type: none"> <li>At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels, earth bunds or sand bag barriers should be provided on site to direct storm water to silt removal facilities. The design of the temporary on-site drainage system should be undertaken by the WKCDA's Contractor prior to the commencement of construction;</li> <li>Sand/silt removal facilities such as sand/silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC Note PN 1/94. Sizes may vary depending upon the flow rate. The detailed design of the sand/silt traps should be undertaken by the WKCDA's Contractor prior to the commencement of construction.</li> <li>All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit should be regularly removed, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.</li> </ul>	✓	✓	✓
		✓	✓	✓
		Obs	Obs	Obs

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<ul style="list-style-type: none"> <li>Measures should be taken to minimize the ingress of site drainage into excavations. If excavation of trenches in wet periods is necessary, they should be dug and backfilled in short sections wherever practicable. Water pumped out from foundation excavations should be discharged into storm drains via silt removal facilities.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facility should be provided at construction site exit where practicable. Wash-water should have sand and silt settled out and removed regularly to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Open stockpiles of construction materials or construction wastes onsite should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Manholes (including newly constructed ones) should be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and stormwater runoff being directed into foul sewers.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Precautions should be taken at any time of the year when rainstorms are likely. Actions should be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarized in Appendix A2 of ProPECC Note PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events, especially for areas located near steep slopes.</li> </ul>	✓	✓	✓

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<ul style="list-style-type: none"> <li>Bentonite slurries used in piling or slurry walling should be reconditioned and reused wherever practicable. Temporary enclosed storage locations should be provided on-site for any unused bentonite that needs to be transported away after all the related construction activities are completed. The requirements in ProPECC Note PN 1/94 should be adhered to in the handling and disposal of bentonite slurries.</li> </ul>	N/A	N/A	N/A
4.1	<p><b>Barging facilities and activities</b></p> <p>Recommendations for good site practices during operation of the proposed barging point include:</p> <ul style="list-style-type: none"> <li>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;</li> <li>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;</li> <li>All hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; and</li> <li>Construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site.</li> </ul>	N/A	✓	✓
4.1	<p><b>Sewage effluent from construction workforce</b></p> <p>Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.</p>	✓	✓	✓
4.1	<p><b>General construction activities</b></p>			

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<ul style="list-style-type: none"> <li>Construction solid waste, debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering any nearby storm water drain. Stockpiles of cement and other construction materials should be kept covered when not being used.</li> </ul>	✓	✓	✓
	<ul style="list-style-type: none"> <li>Oils and fuels should only be stored in designated areas which have pollution prevention facilities. To prevent spillage of fuels and solvents to any nearby storm water drain, all fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event.</li> </ul>	Obs	✓	✓
<b>Waste Management Implications (Construction)</b>				
6.1	<p><b>Good Site Practices</b></p> <p>Recommendations for good site practices during the construction activities include:</p> <ul style="list-style-type: none"> <li>Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site</li> <li>Training of site personnel in proper waste management and chemical handling procedures</li> <li>Provision of sufficient waste disposal points and regular collection of waste</li> <li>Appropriate measures to minimise windblown litter and dust/odour during transportation of waste by either covering trucks or by transporting wastes in enclosed containers</li> <li>Provision of wheel washing facilities before the trucks leaving the works area so as to minimise dust introduction to public roads</li> </ul>	Obs	Obs	Obs
		✓	✓	✓
		✓	✓	✓
		✓	✓	✓
		✓	✓	✓

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<ul style="list-style-type: none"> <li>Well planned delivery programme for offsite disposal such that adverse environmental impact from transporting the inert or non-inert C&amp;D materials is not anticipated</li> </ul>	✓	✓	✓
6.1	<p><b>Waste Reduction Measures</b></p> <p>Recommendations to achieve waste reduction include:</p> <ul style="list-style-type: none"> <li>Sort inert C&amp;D material to recover any recyclable portions such as metals</li> <li>Segregation and storage of different types of waste in different containers or skips to enhance reuse or recycling of materials and their proper disposal</li> <li>Encourage collection of recyclable waste such as waste paper and aluminium cans by providing separate labelled bins to enable such waste to be segregated from other general refuse generated by the work force</li> <li>Proper site practices to minimise the potential for damage or contamination of inert C&amp;D materials</li> <li>Plan the use of construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of wastes</li> </ul>	✓	✓	✓
6.1	<p><b>Inert and Non-inert C&amp;D Materials</b></p> <p>In order to minimise impacts resulting from collection and transportation of inert C&amp;D material for off-site disposal, the excavated materials should be reused on-site as fill material as far as practicable. In addition, inert C&amp;D material generated from excavation works could be reused as fill materials in local projects that require public fill for reclamation.</p> <ul style="list-style-type: none"> <li>The surplus inert C&amp;D material will be disposed of at the Government's PFRFs for beneficial use by other projects in Hong Kong.</li> </ul>	✓	✓	✓

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<ul style="list-style-type: none"> <li>Liaison with the CEDD Public Fill Committee (PFC) on the allocation of space for disposal of the inert C&amp;D materials at PFRF is underway. No construction work is allowed to proceed until all issues on management of inert C&amp;D materials have been resolved and all relevant arrangements have been endorsed by the relevant authorities including PFC and EPD.</li> <li>The C&amp;D materials generated from general site clearance should be sorted on site to segregate any inert materials for reuse or disposal of at PFRFs whereas the non-inert materials will be disposed of at the designated landfill site.</li> <li>In order to monitor the disposal of inert and non-inert C&amp;D materials at respectively PFRFs and the designated landfill site, and to control fly-tipping, it is recommended that the Contractor should follow the Technical Circular (Works) No. 6/2010 for Trip Ticket System for Disposal of Construction &amp; Demolition Materials issued by Development Bureau. In addition, it is also recommended that the Contractor should prepare and implement a Waste Management Plan detailing their various waste arising and waste management practices in accordance with the relevant requirements of the Technical Circular (Works) No. 19/2005 Environmental Management on Construction Site.</li> </ul>	✓	✓	✓

6.1 **Chemical Waste**

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<ul style="list-style-type: none"> <li>If chemical wastes are produced at the construction site, the Contractor will be required to register with the EPD as a chemical waste producer and to follow the guidelines stated in the “Code of Practice on the 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 chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor should use a licensed collector to transport and dispose of the chemical wastes at the approved Chemical Waste Treatment Centre or other licensed recycling facilities, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.</li> <li>Potential environmental impacts arising from the handling activities (including storage, collection, transportation and disposal of chemical waste) are expected to be minimal with the implementation of appropriate mitigation measures as recommended.</li> </ul>	✓	✓	✓
6.1	<p><b>General Refuse</b></p> <p>General refuse should be stored in enclosed bins or compaction units separated from inert C&amp;D materials. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from inert C&amp;D materials. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.</p>	✓	✓	✓
<b>Land Contamination (Construction)</b>				

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
7.1	<p>The potential for land contamination issues at the TST Fire Station due to its future relocation will be confirmed by site investigation after land acquisition. Where necessary, mitigation measures for minimising potential exposure to contaminated materials (if any) or remediation measures will be identified. If contaminated land is identified (e.g., during decommissioning of fuel oil storage tanks) after the commencement of works, mitigation measures are proposed in order to minimise the potentially adverse effects on the health and safety of construction workers and impacts arising from the disposal of potentially contaminated materials. The following measures are proposed for excavation and transportation of contaminated material:</p> <ul style="list-style-type: none"> <li>To minimize the chance for construction workers to come into contact with any contaminated materials, bulk earth-moving excavation equipment should be employed;</li> <li>Contact with contaminated materials can be minimised by wearing appropriate clothing and personal protective equipment such as gloves and masks (especially when interacting directly with contaminated material), provision of washing facilities and prohibition of smoking and eating on site;</li> <li>Stockpiling of contaminated excavated materials on site should be avoided as far as possible;</li> <li>The use of contaminated soil for landscaping purpose should be avoided unless pre-treatment was carried out;</li> <li>Vehicles containing any contaminated excavated materials should be suitably covered to reduce dust emissions and/or release of contaminated wastewater;</li> <li>Truck bodies and tailgates should be sealed to stop any discharge;</li> <li>Only licensed waste haulers should be used to collect and transport contaminated material to treatment/disposal site and should be equipped with tracking system to avoid fly tipping;</li> </ul>	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
	<ul style="list-style-type: none"> <li>Speed control for trucks carrying contaminated materials should be exercised;</li> <li>Observe all relevant regulations in relation to waste handling, such as Waste Disposal Ordinance (Cap. 354), Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354) and obtain all necessary permits where required; and</li> <li>Maintain records of waste generation and disposal quantities and disposal arrangements.</li> </ul>	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
<b>Ecological Impact (Construction)</b>				
No mitigation measure is required.				
<b>Landscape and Visual Impact (Construction)</b>				
Table 9.1 (CM1)	Trees should be retained in situ on site as far as possible. Should tree removal be unavoidable due to construction impacts, trees will be transplanted or felled with reference to the stated criteria in the Tree Removal Applications to be submitted to relevant government departments for approval in accordance to ETWB TCW No. 29/2004 and 3/2006.	✓	✓	✓
Table 9.1 (CM2)	Compensatory tree planting shall be incorporated to the proposed project and maximize the new tree, shrubs and other vegetation planting to compensate tree felled and vegetation removed. Also, implementation of compensatory planting should be of a ratio not less than 1:1 in terms of quality and quantity within the site.	N/A	N/A	N/A
Table 9.1 (CM3)	Buffer trees for screening purposes to soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A
Table 9.1 (CM4)	Softscape treatments such as vertical green wall panel /planting of climbing and/or weeping plants, etc, to maximize the green coverage and soften the hard architectural and engineering structures and facilities.	N/A	N/A	N/A
Table 9.1 (CM5)	Roof greening by means of intensive and extensive green roof to maximize the green coverage and improve aesthetic appeal and visual quality of the building/structure.	N/A	N/A	N/A

		Implementation Stage		
		Zone 2A, 2B & 2C		
EM&A Ref.	Recommendation Measures	February 2026	March 2026	April 2026
Table 9.1 (CM6)	Sensitive streetscape design should be incorporated along all new roads and streets.	N/A	N/A	N/A
Table 9.1 (CM7)	Structure, ornamental planting shall be provided along amenity strips to enhance the landscape quality.	N/A	N/A	N/A
Table 9.1 (CM8)	Landscape design shall be incorporated to architectural and engineering structures in order to provide aesthetically pleasing designs.	✓	✓	✓
Table 9.1 (CM9)	Minimize the structure of marine facilities to be built on the seabed and foreshore in order to minimize the affected extent to the waterbody	N/A	N/A	N/A
Table 9.2 (MCP1)	Use of decorative screen hoarding/boards	✓	✓	✓
Table 9.2 (MCP2)	Early introduction of landscape treatments	N/A	N/A	N/A
Table 9.2 (MCP3)	Adoption of light colour for the temporary ventilation shafts for the basement during the transition period.	N/A	N/A	N/A
Table 9.2 (MCP4)	Control of night time lighting	✓	✓	✓
Table 9.2 (MCP5)	Use of greenery such as grass cover for the temporary open areas will help achieve the visual balance and soften the hard edges of the structures.	N/A	N/A	N/A

N/A - Not Applicable

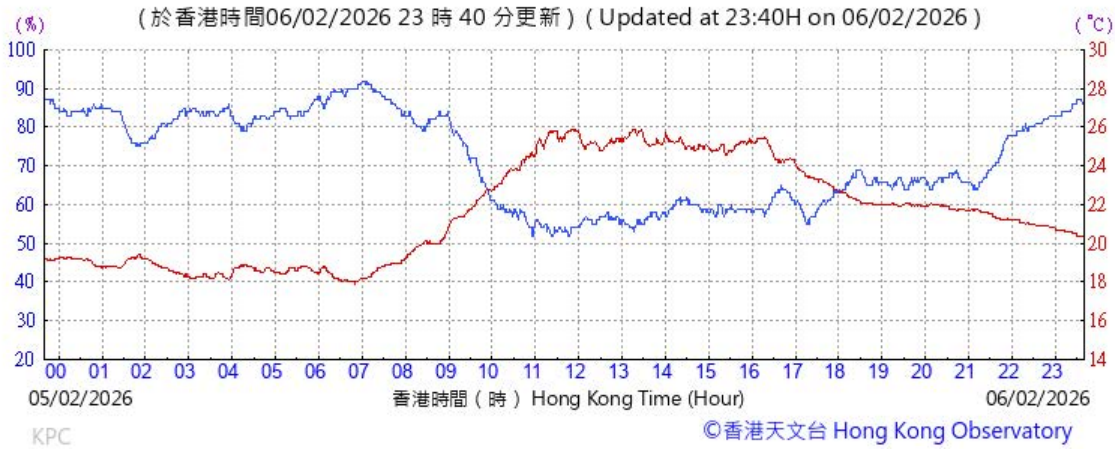
✓ - Implemented

Obs - Observed

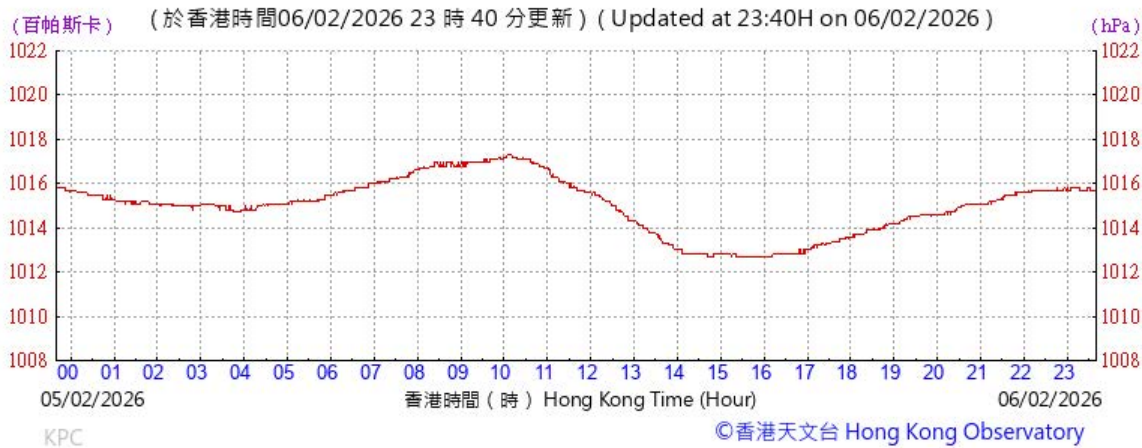
Rem - Reminder

## **D. Meteorological Data Extracted from Hong Kong Observatory**

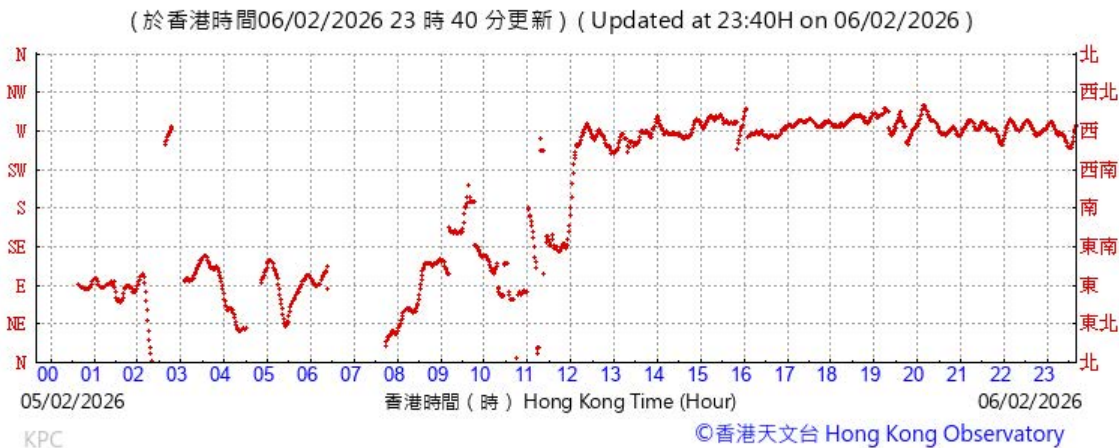
Temperature/Humidity:



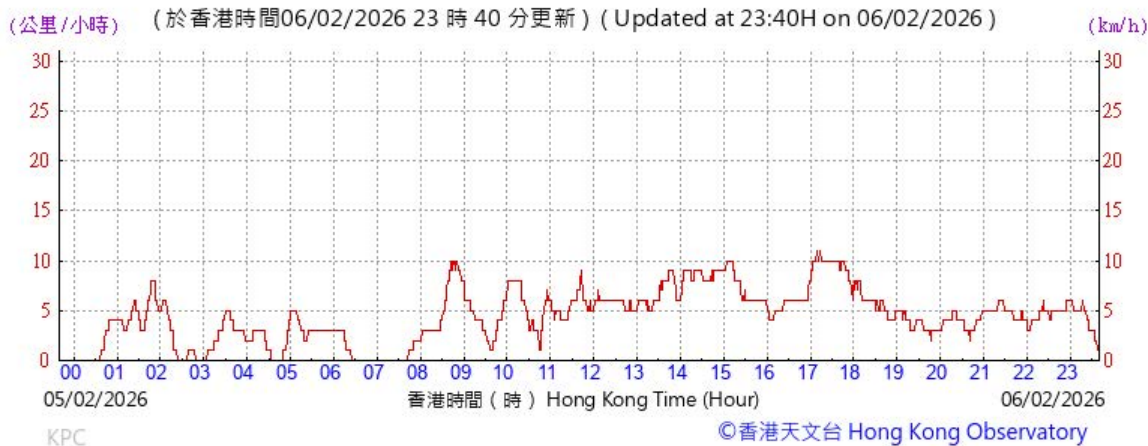
Pressure:



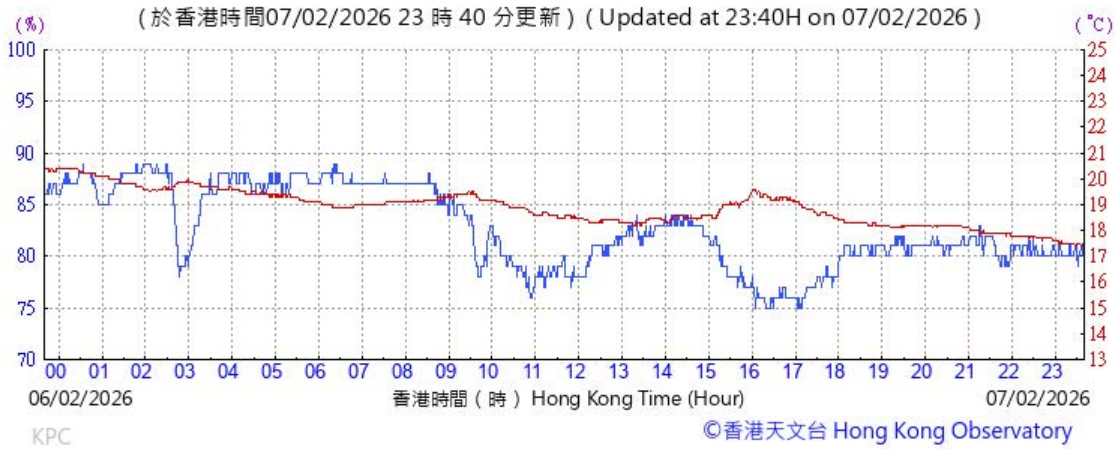
Wind Direction:



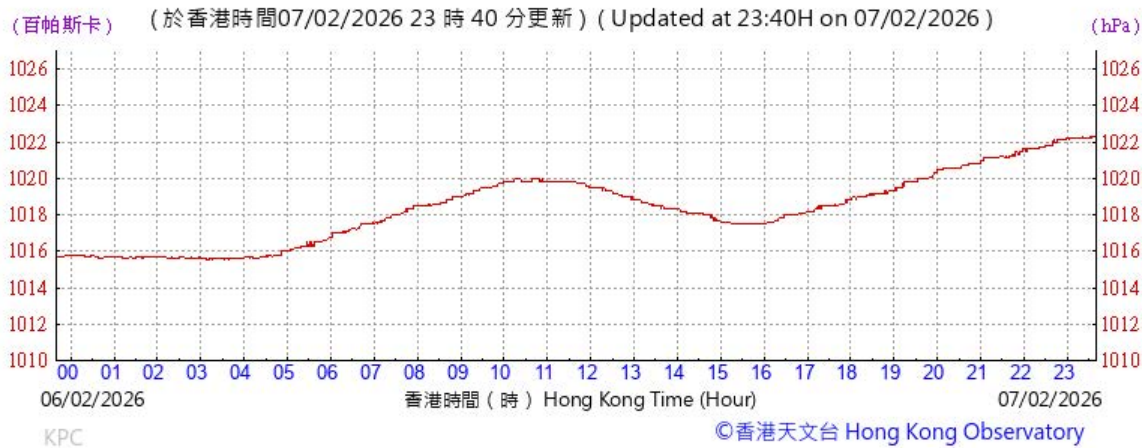
Wind Speed:



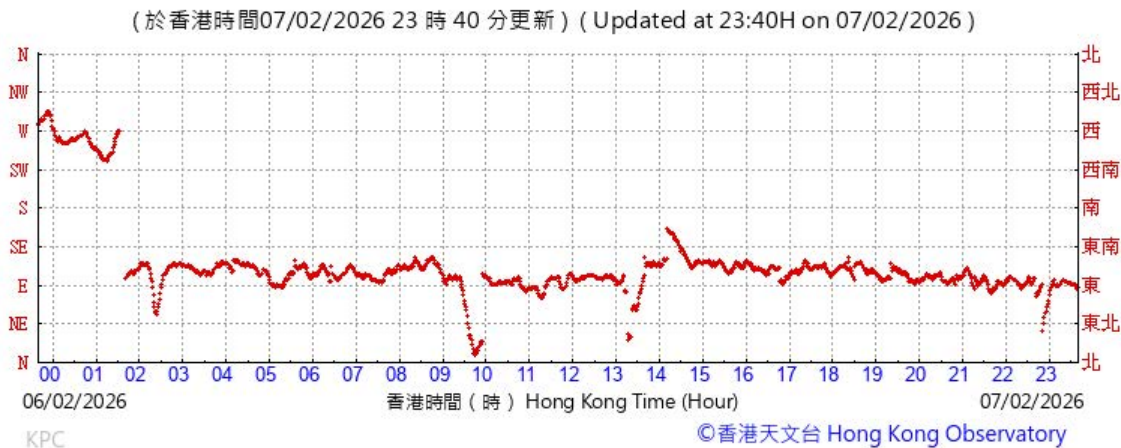
Temperature/Humidity:



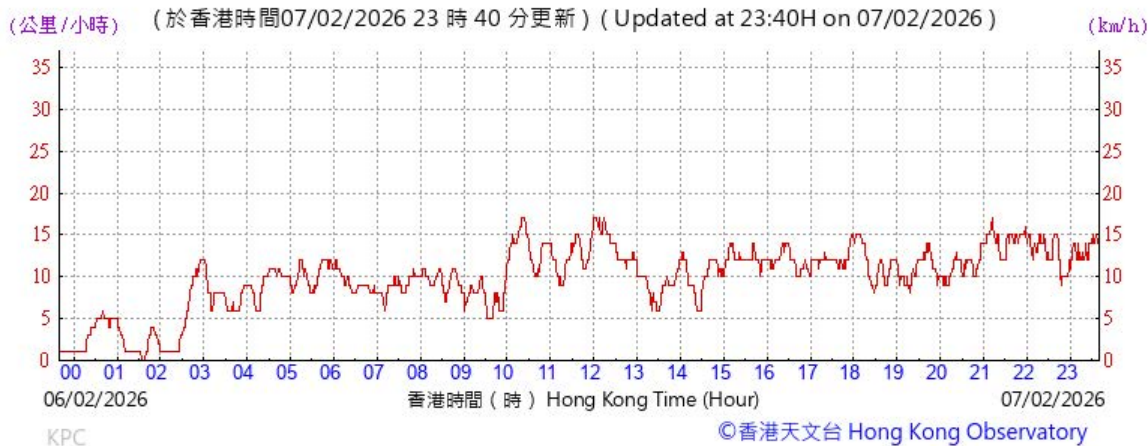
Pressure:



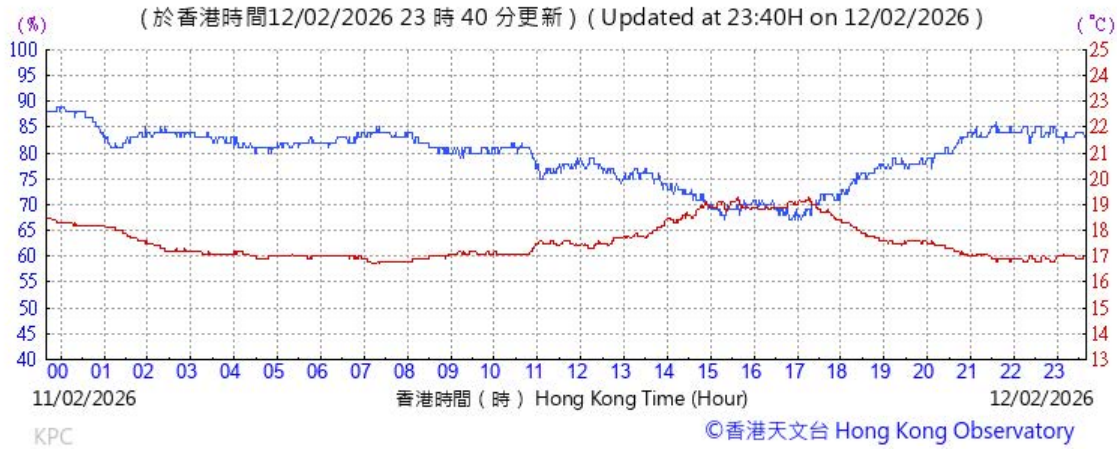
Wind Direction:



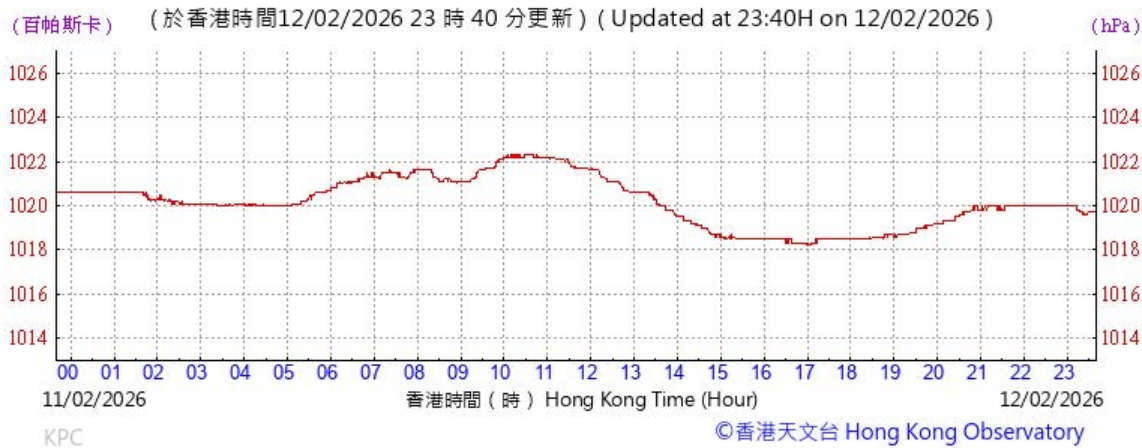
Wind Speed:



Temperature/Humidity:



Pressure:



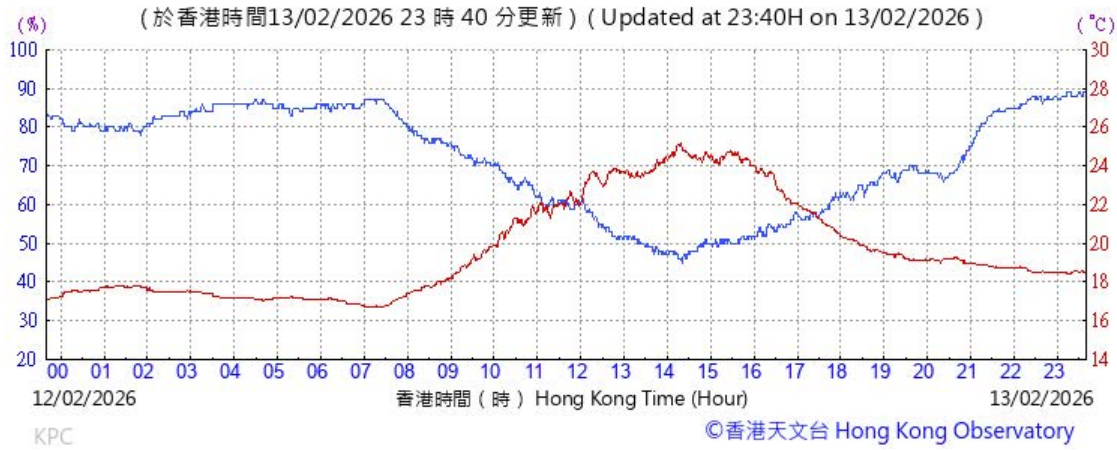
Wind Direction:



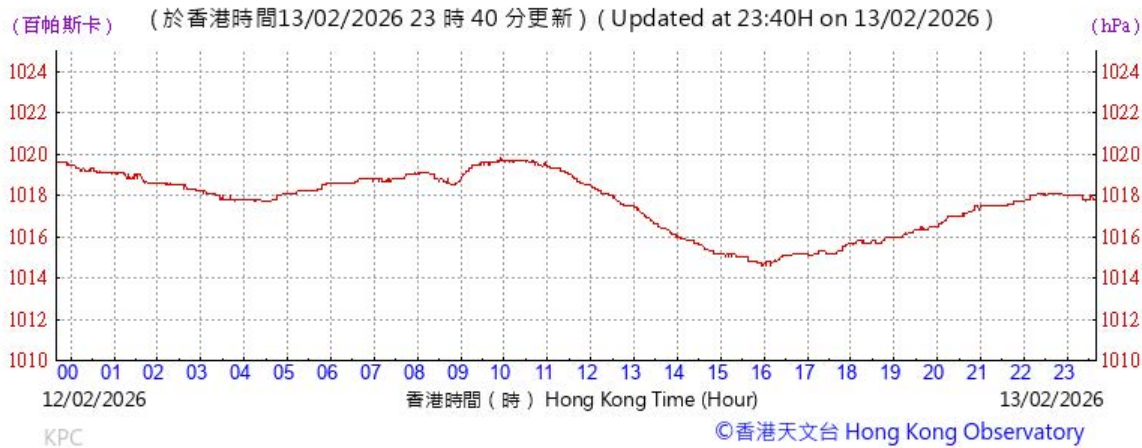
Wind Speed:



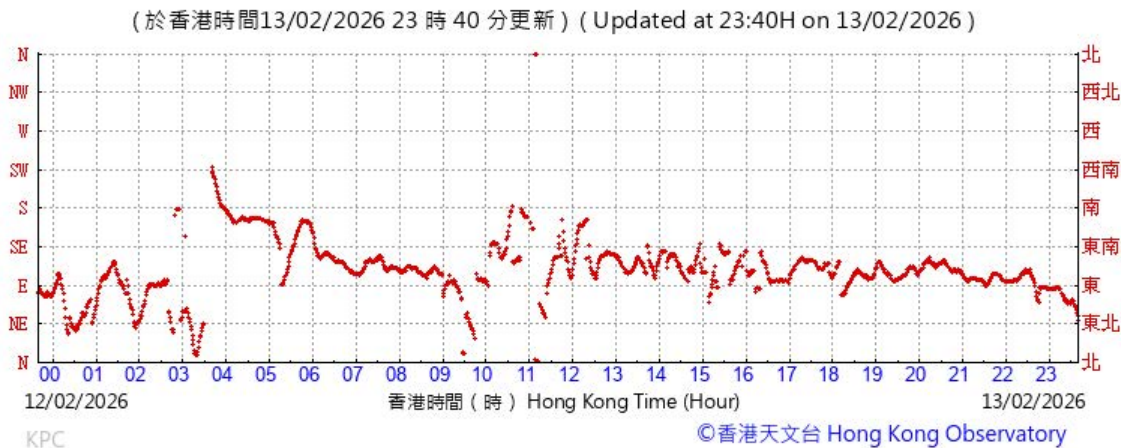
Temperature/Humidity:



Pressure:



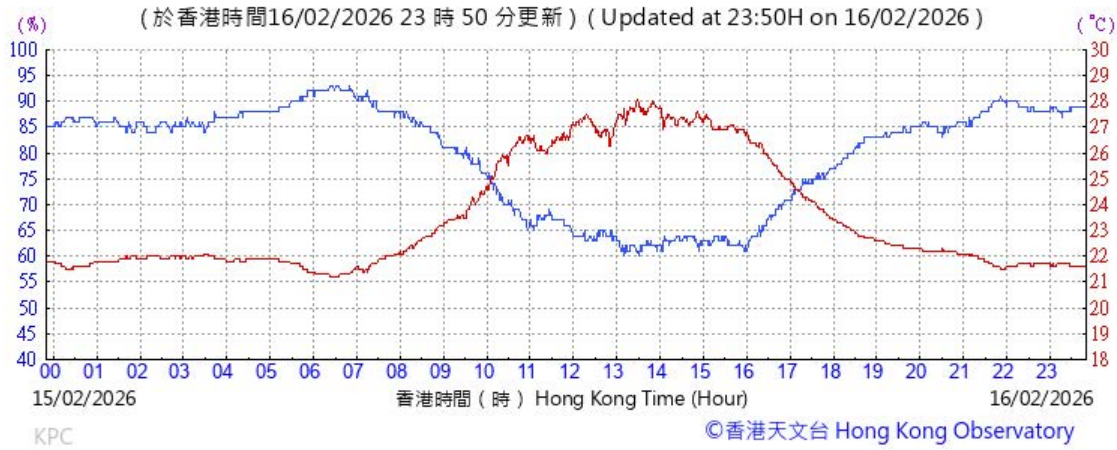
Wind Direction:



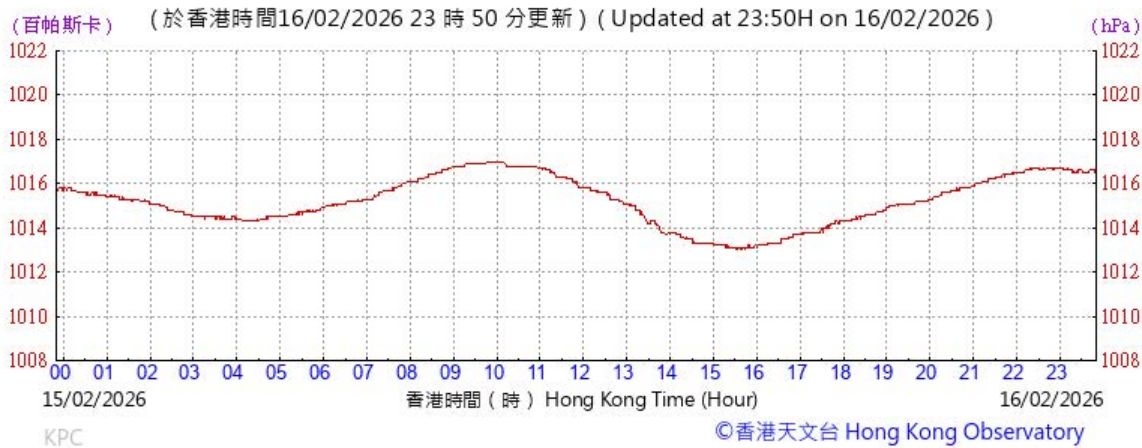
Wind Speed:



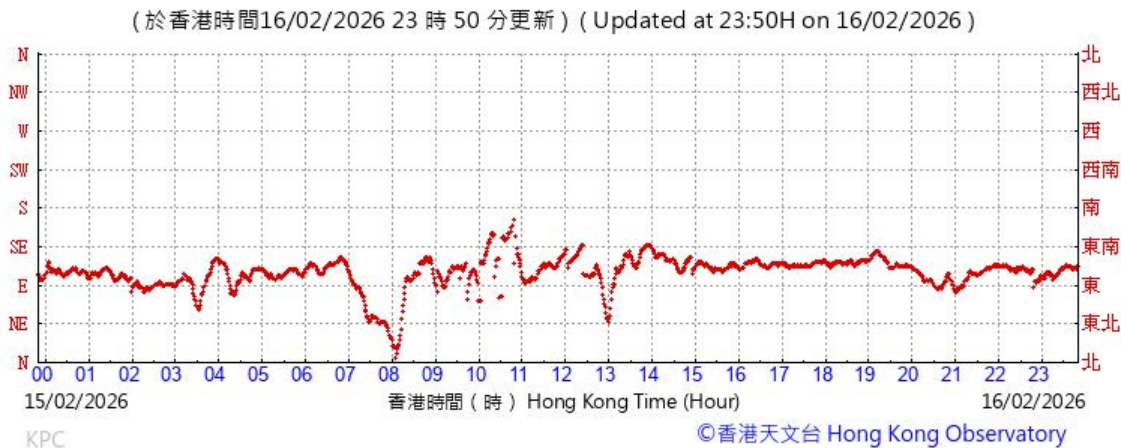
Temperature/Humidity:



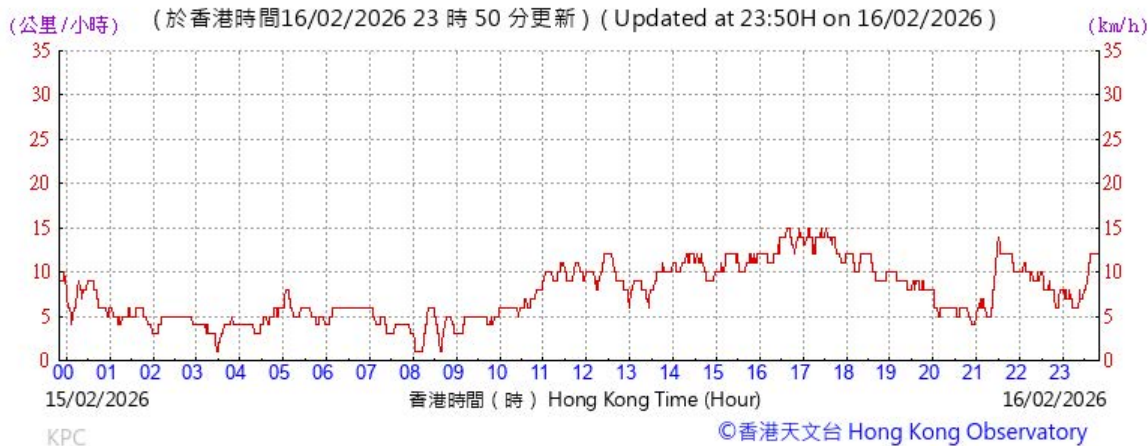
Pressure:



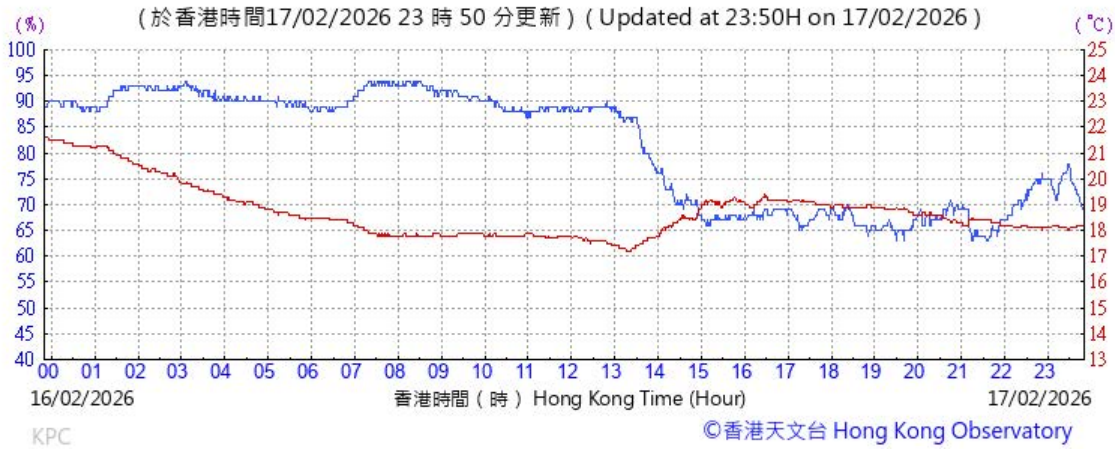
Wind Direction:



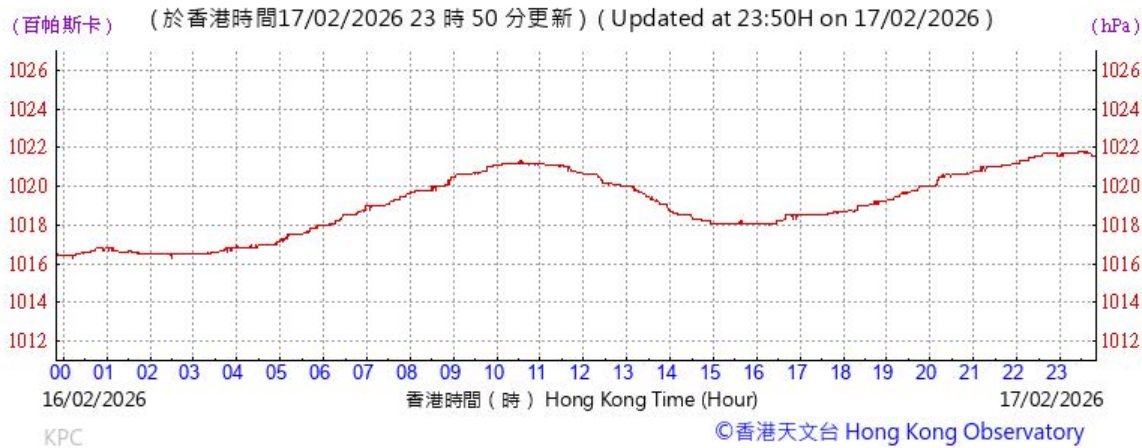
Wind Speed:



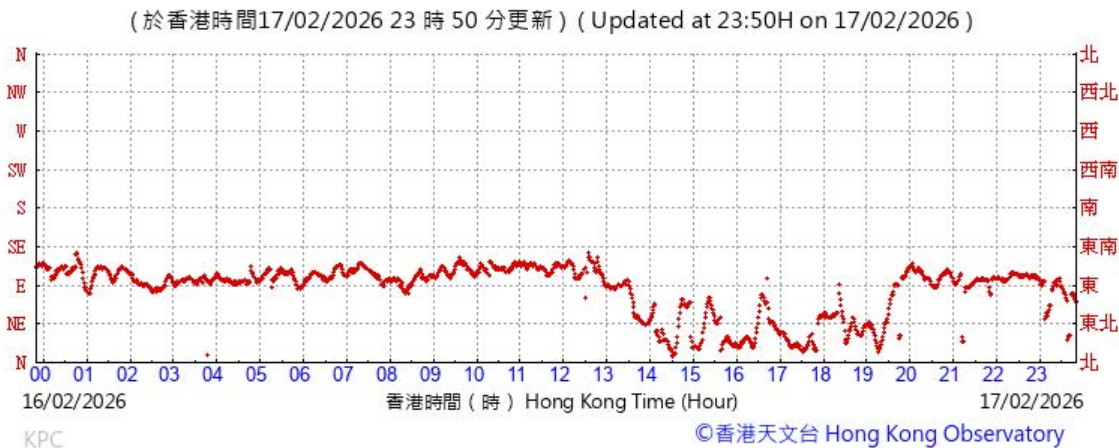
Temperature/Humidity:



Pressure:



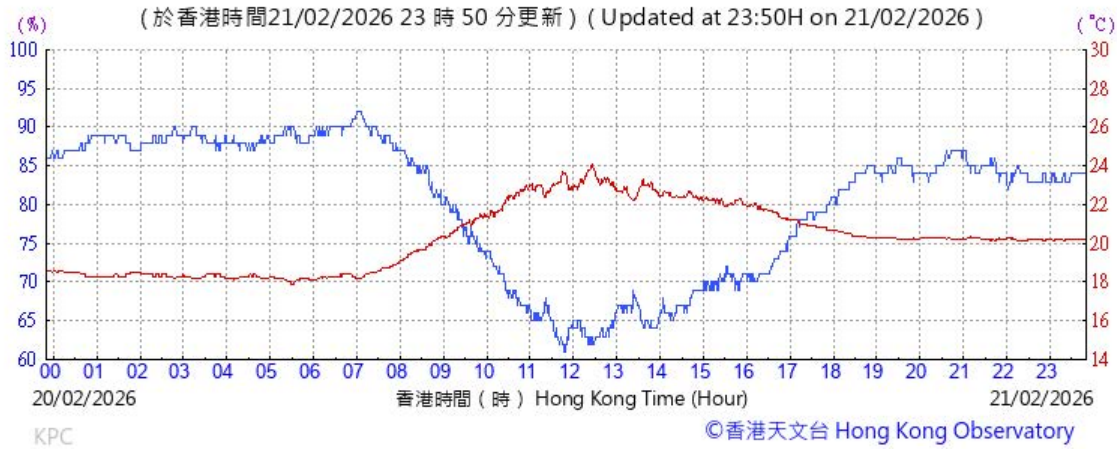
Wind Direction:



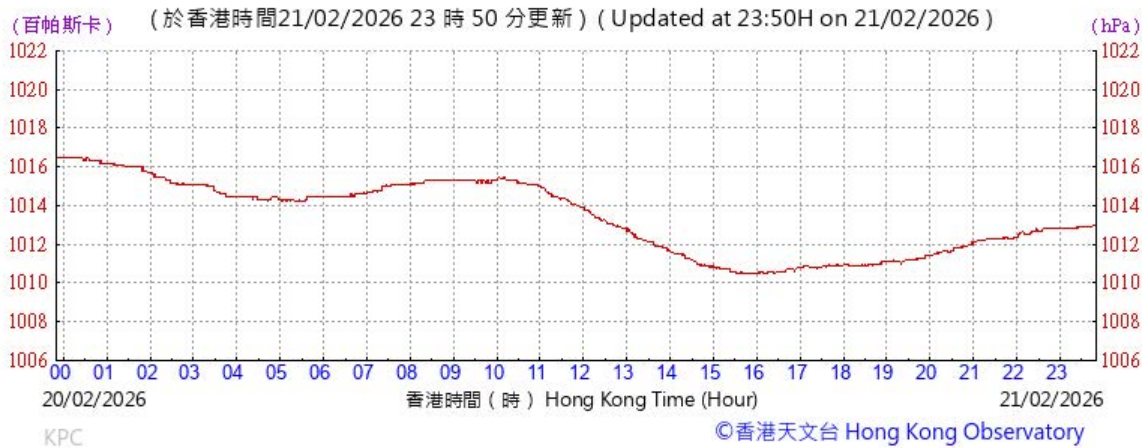
Wind Speed:



Temperature/Humidity:



Pressure:



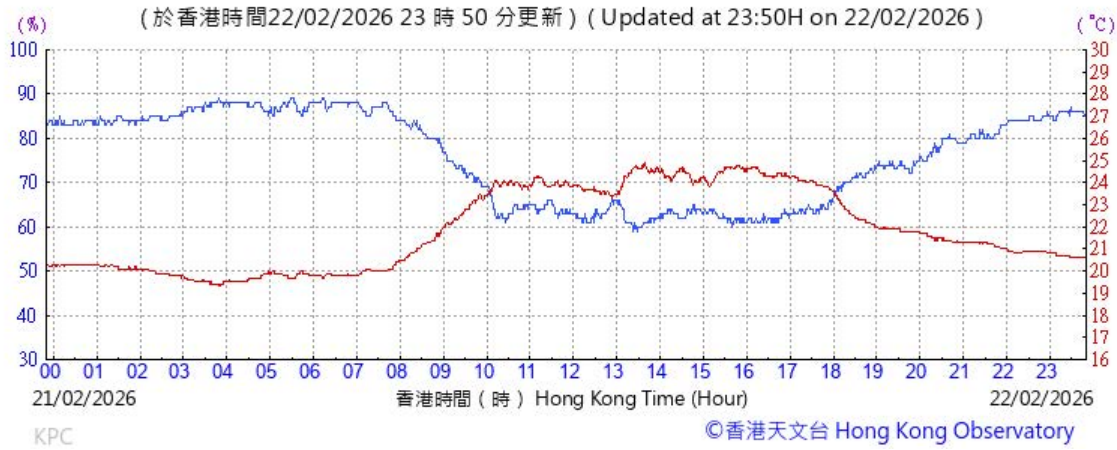
Wind Direction:



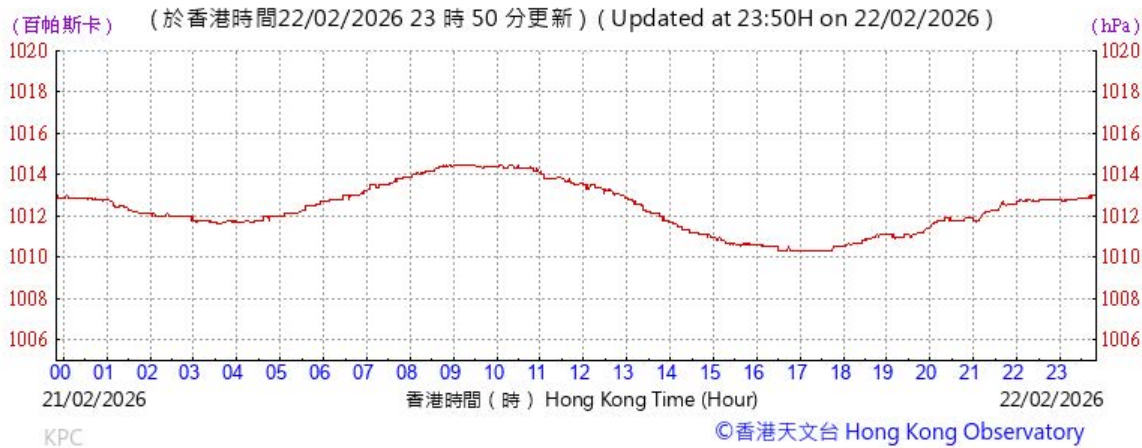
Wind Speed:



Temperature/Humidity:



Pressure:



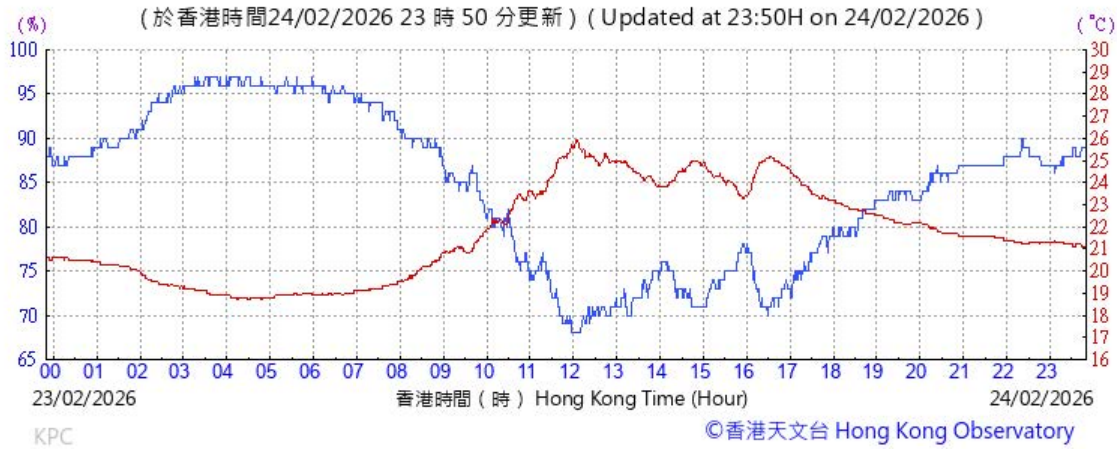
Wind Direction:



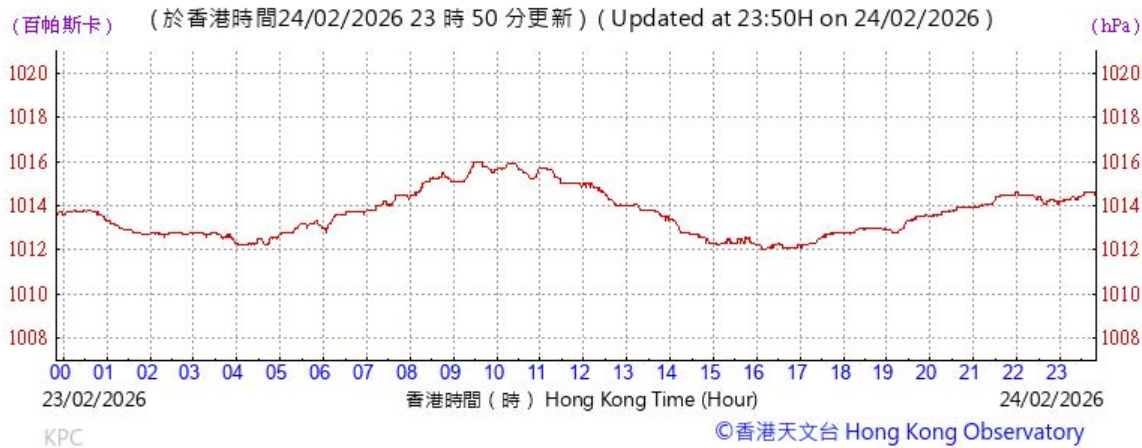
Wind Speed:



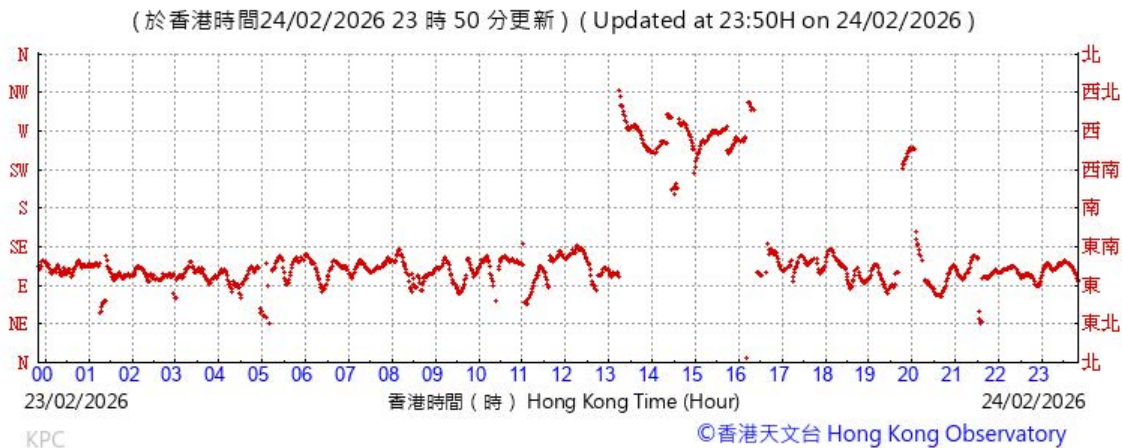
Temperature/Humidity:



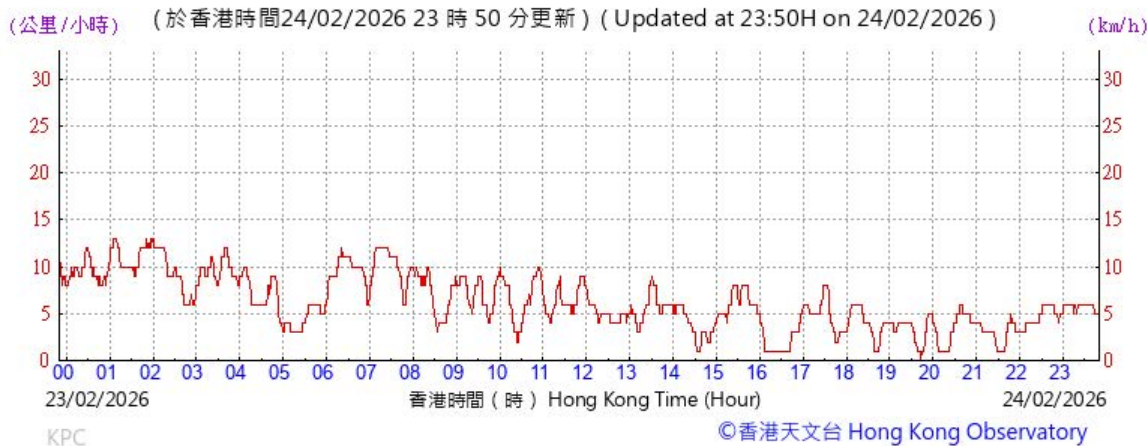
Pressure:



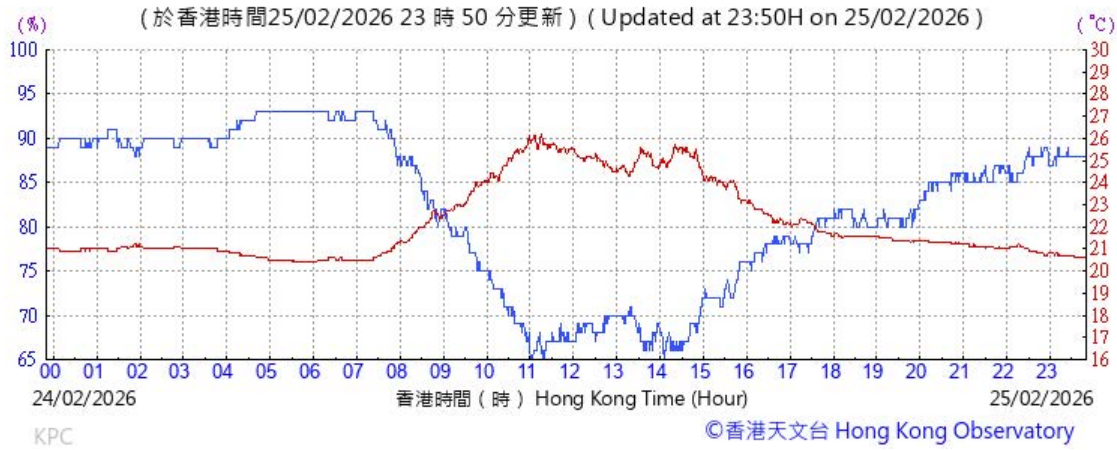
Wind Direction:



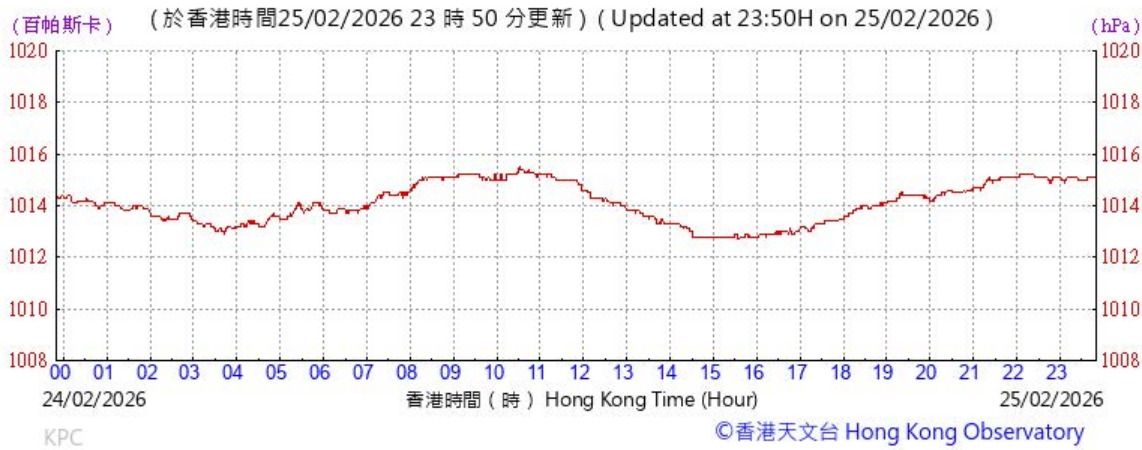
Wind Speed:



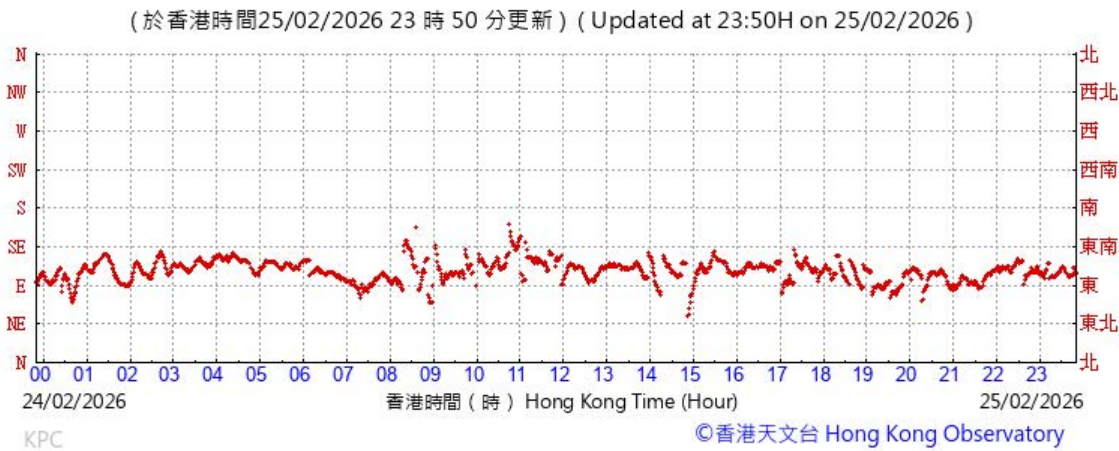
Temperature/Humidity:



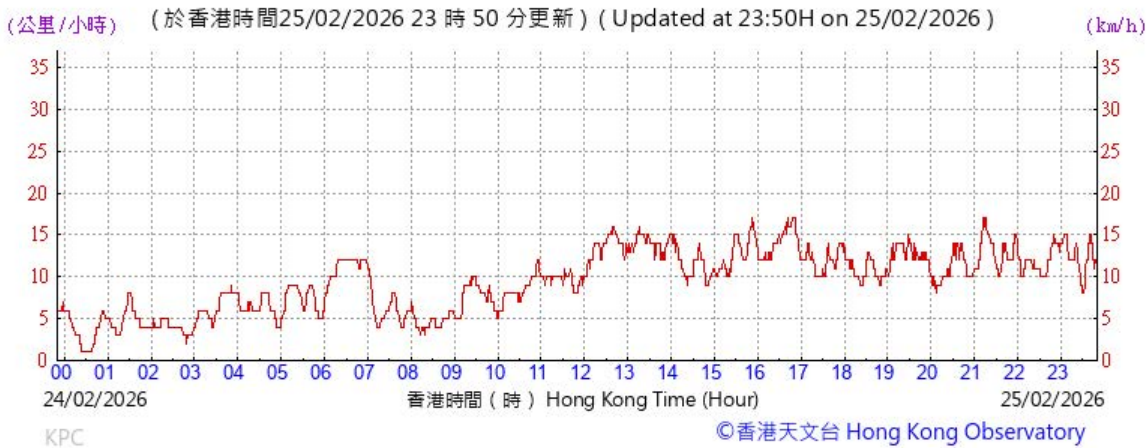
Pressure:



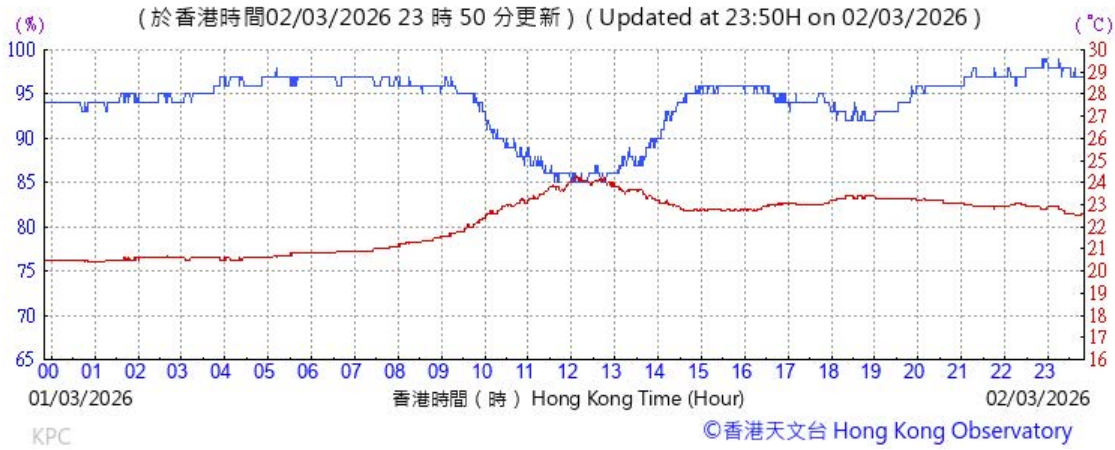
Wind Direction:



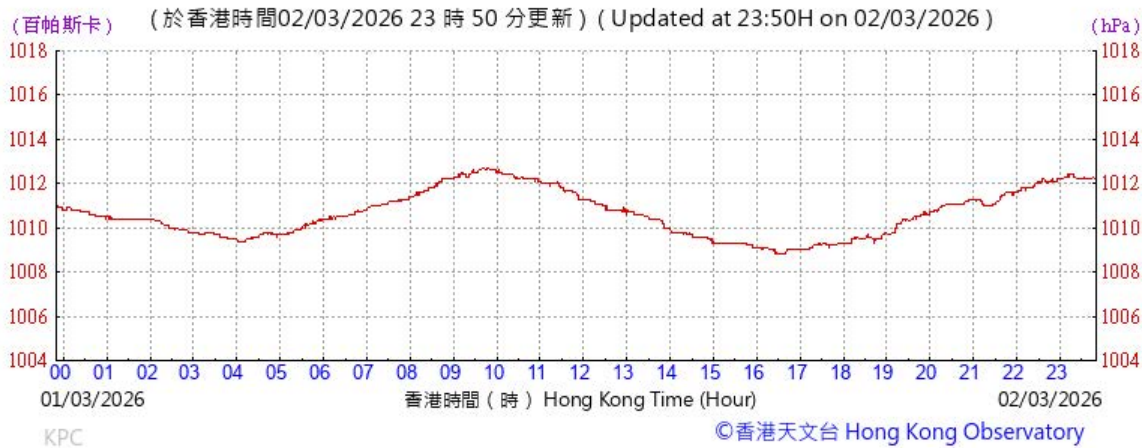
Wind Speed:



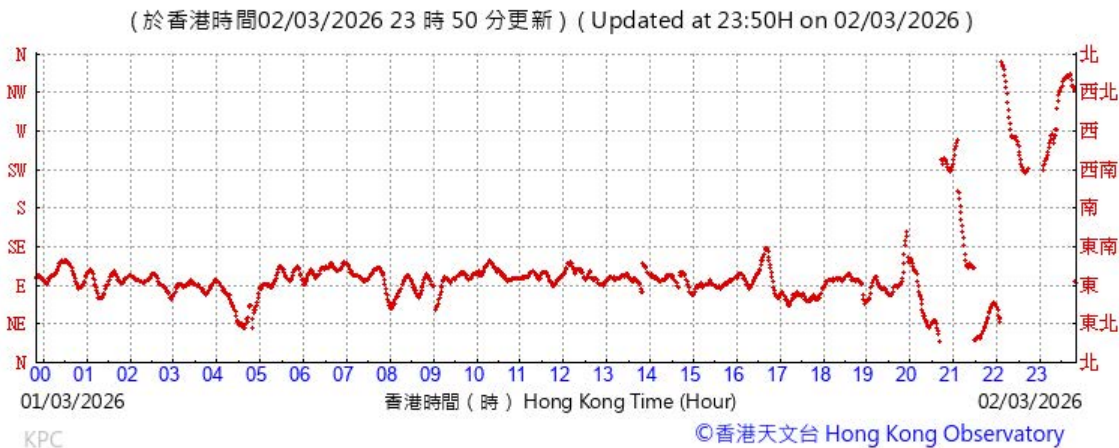
Temperature/Humidity:



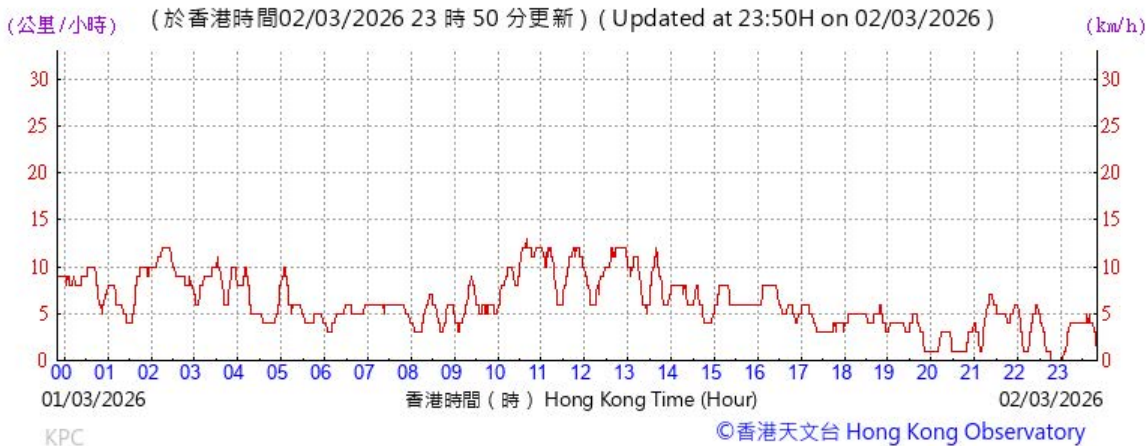
Pressure:



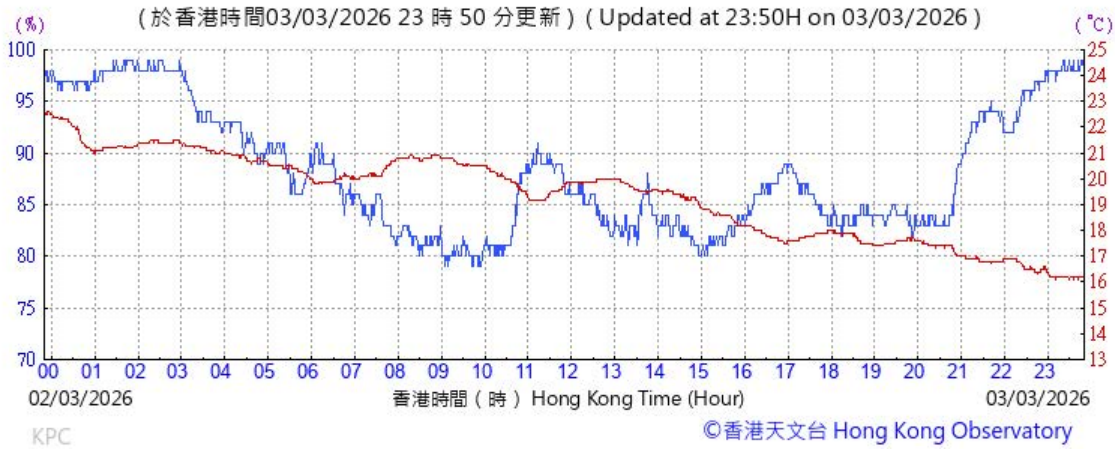
Wind Direction:



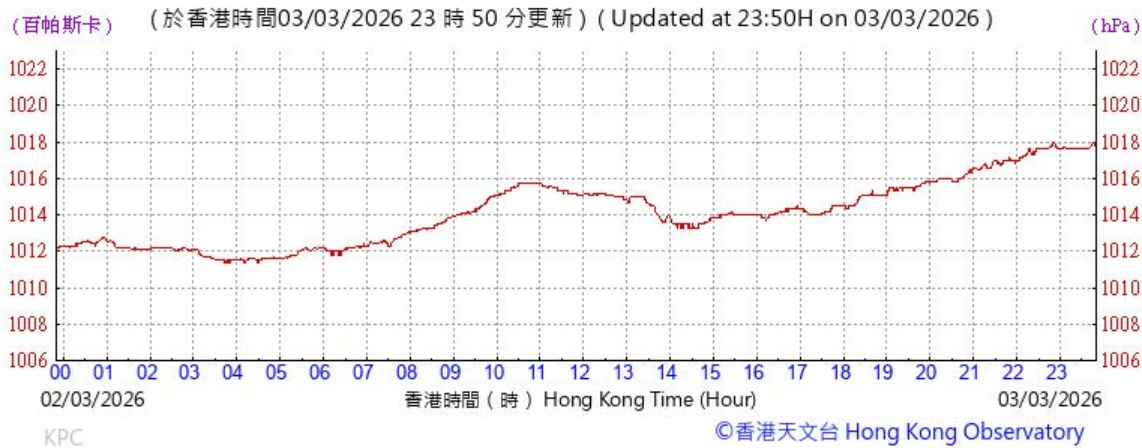
Wind Speed:



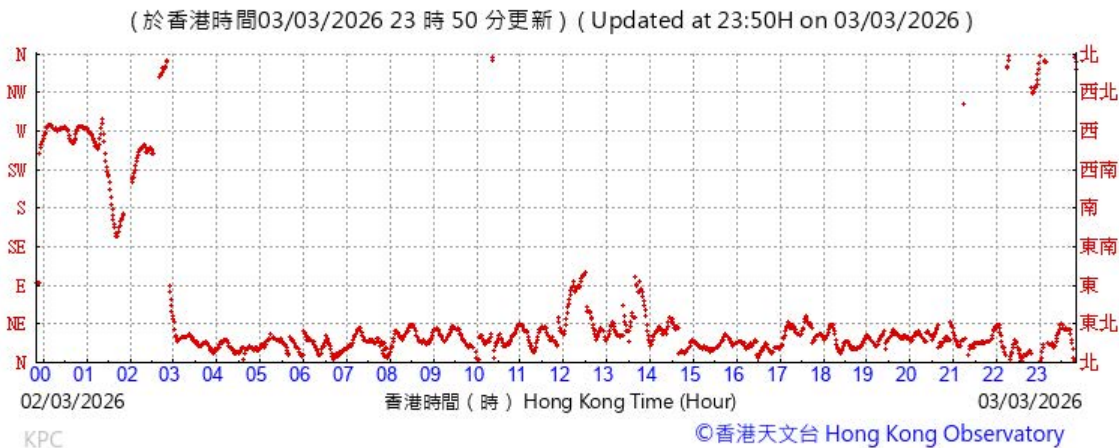
Temperature/Humidity:



Pressure:



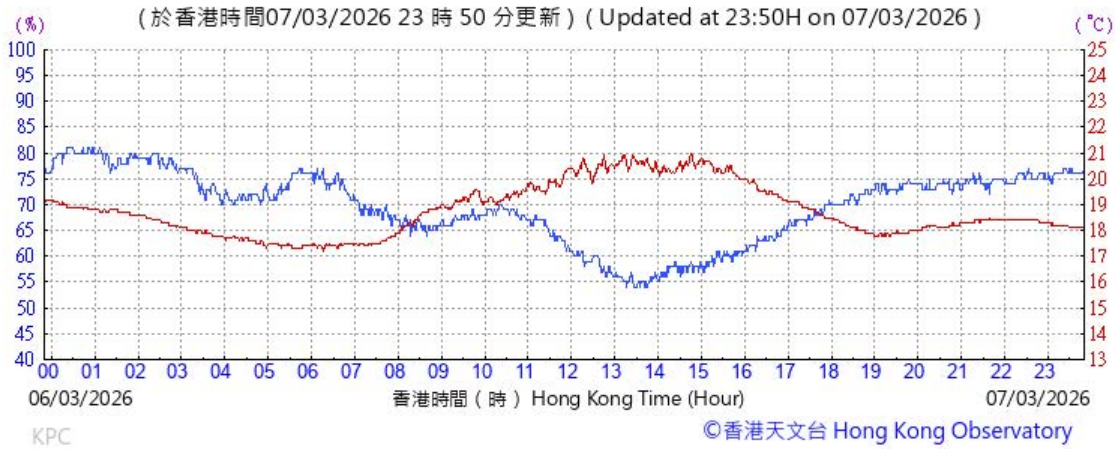
Wind Direction:



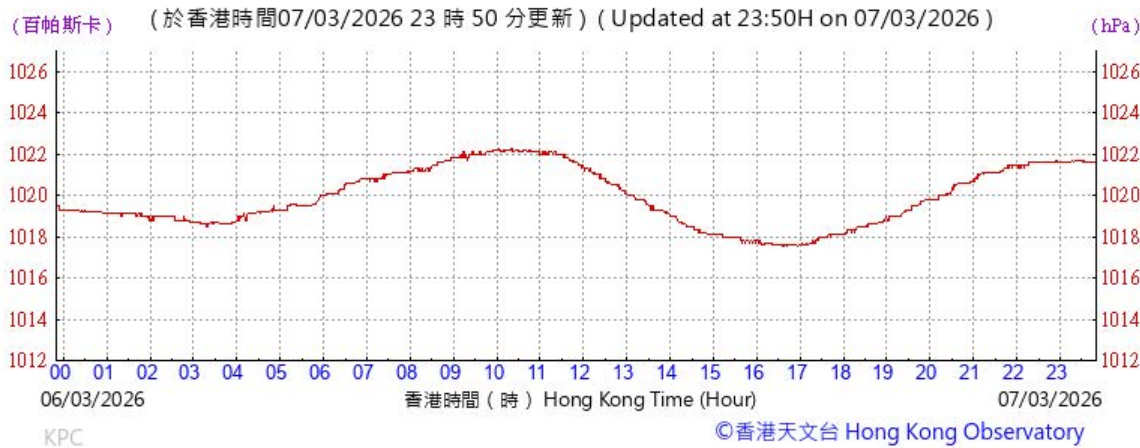
Wind Speed:



Temperature/Humidity:



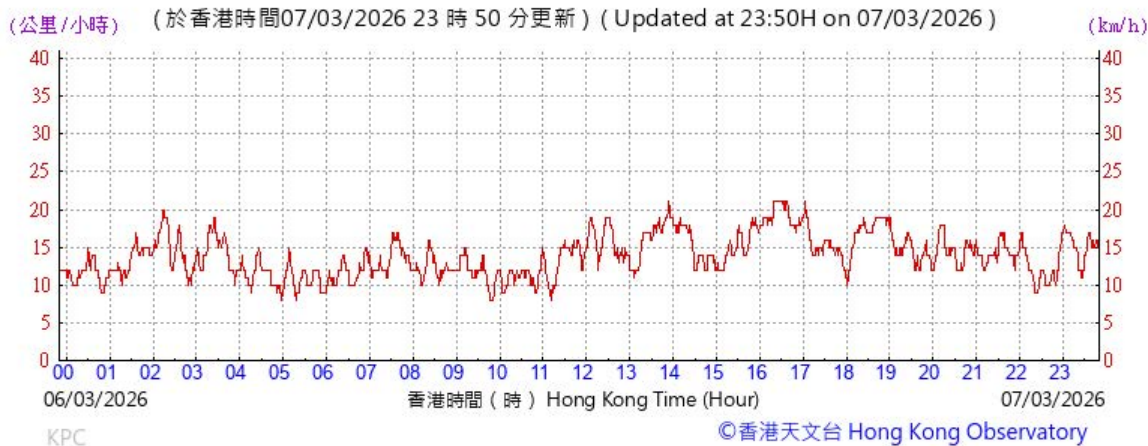
Pressure:



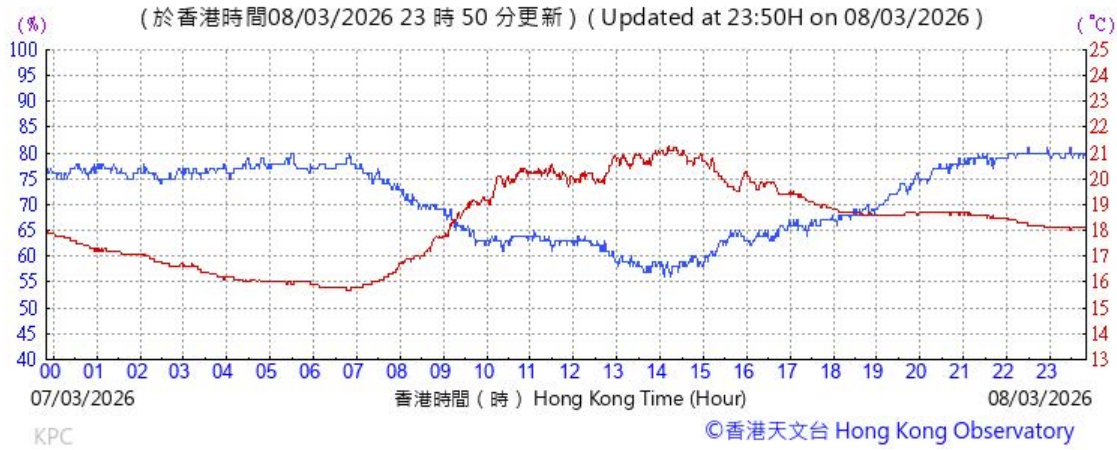
Wind Direction:



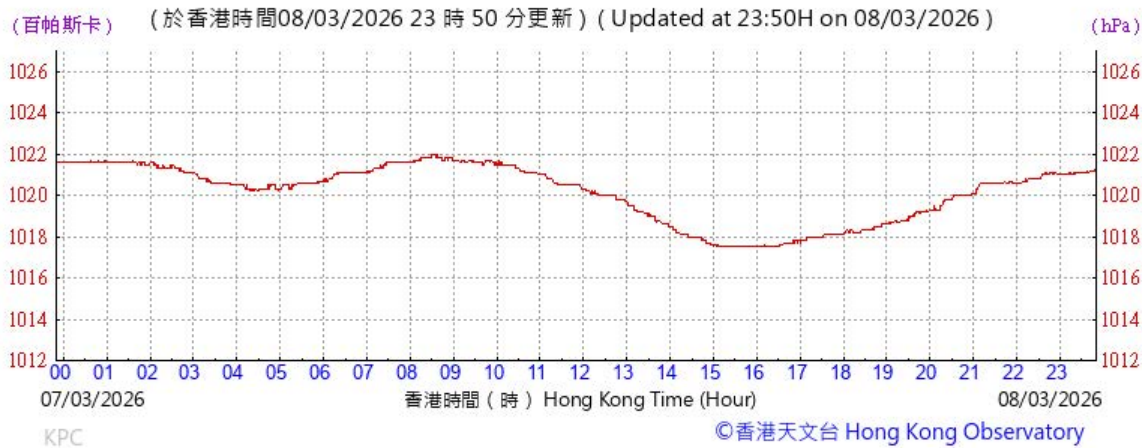
Wind Speed:



Temperature/Humidity:



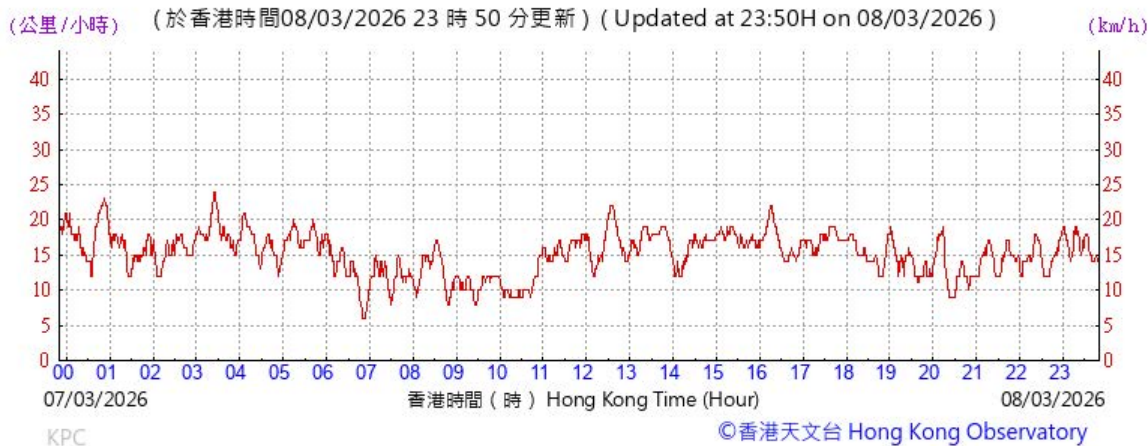
Pressure:



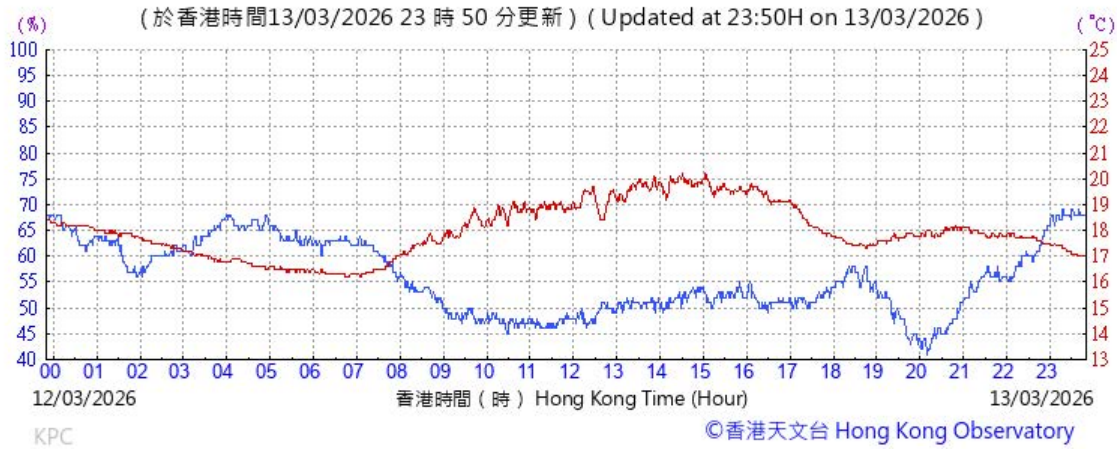
Wind Direction:



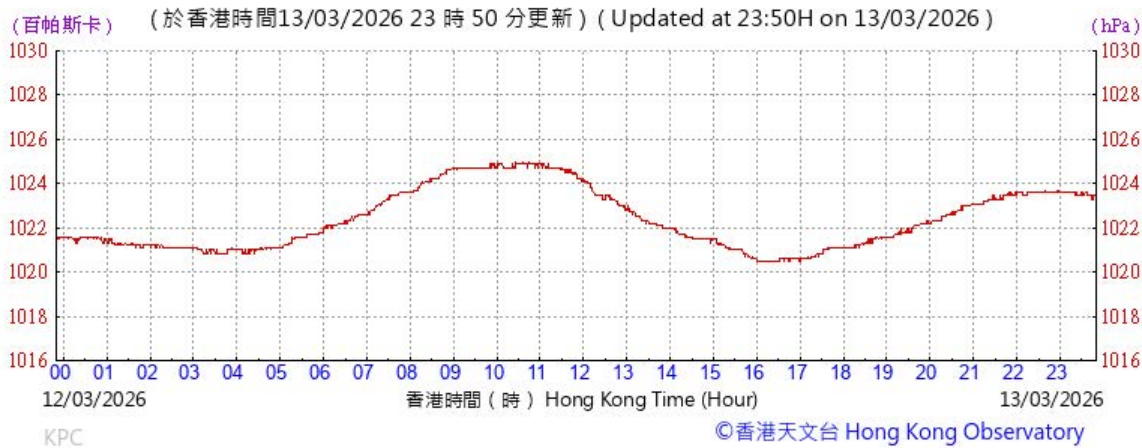
Wind Speed:



Temperature/Humidity:



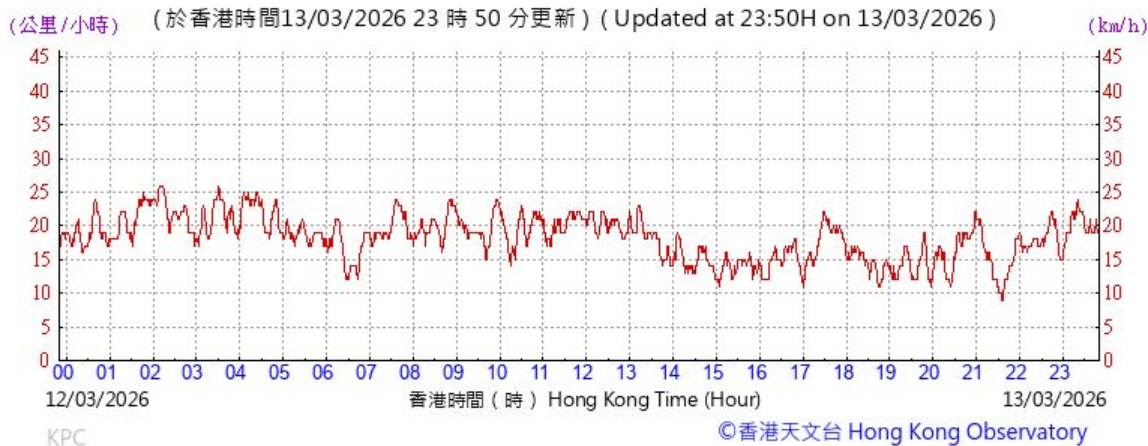
Pressure:



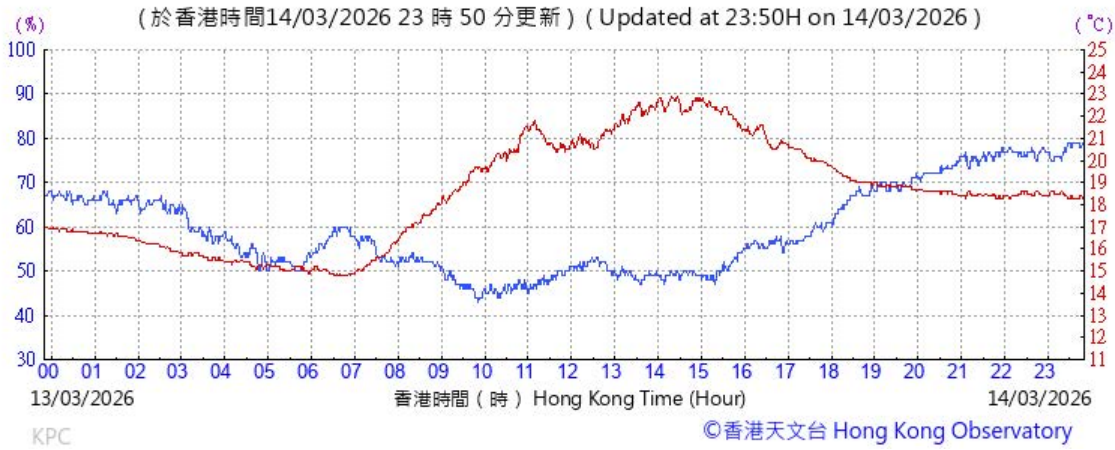
Wind Direction:



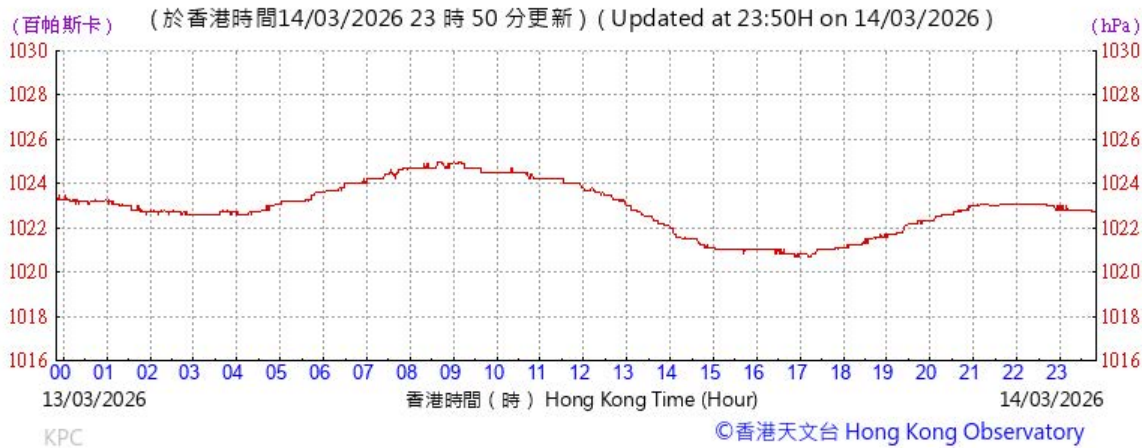
Wind Speed:



Temperature/Humidity:



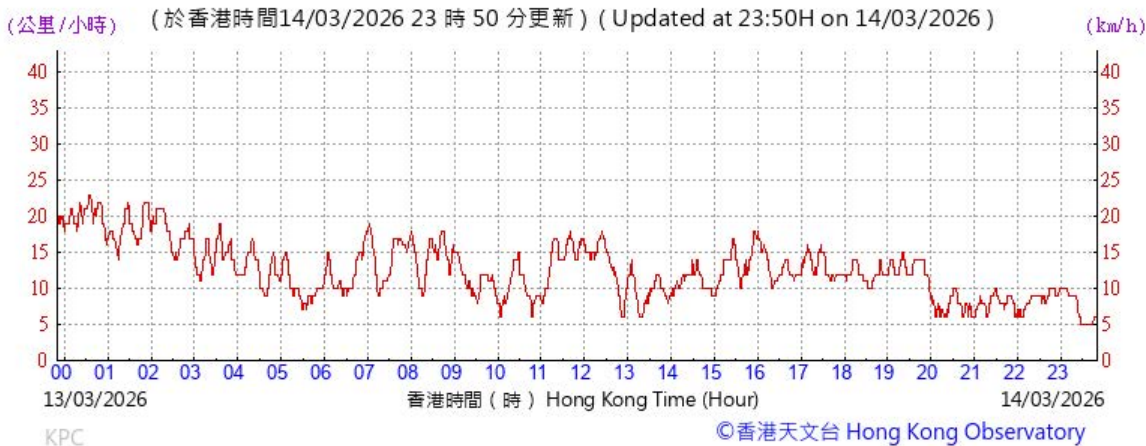
Pressure:



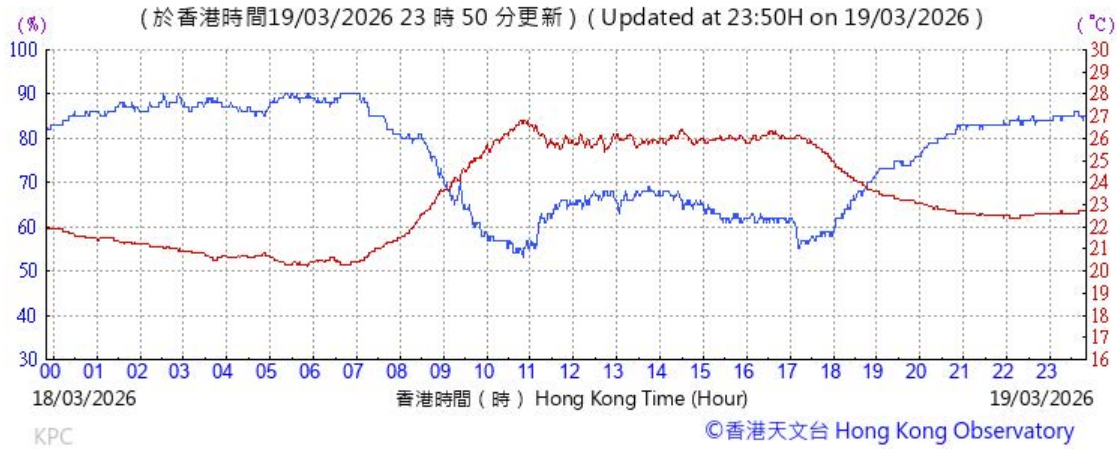
Wind Direction:



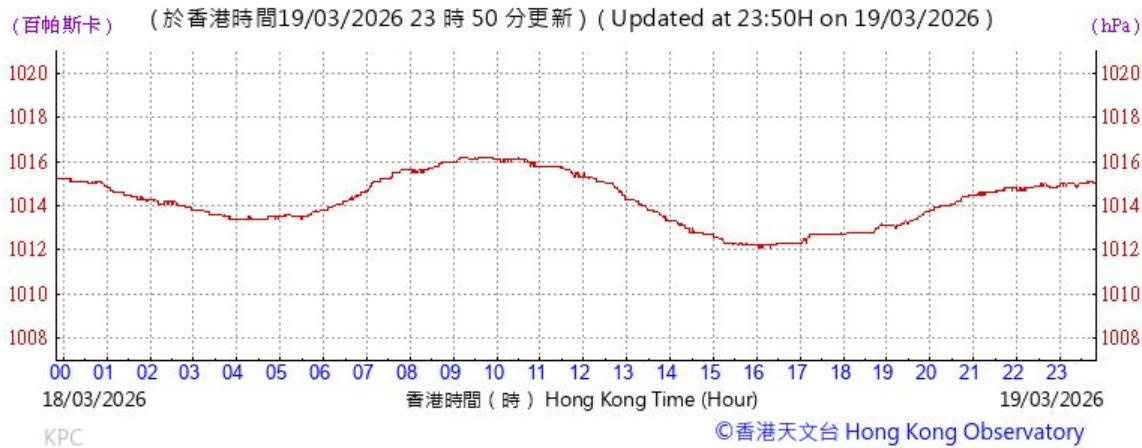
Wind Speed:



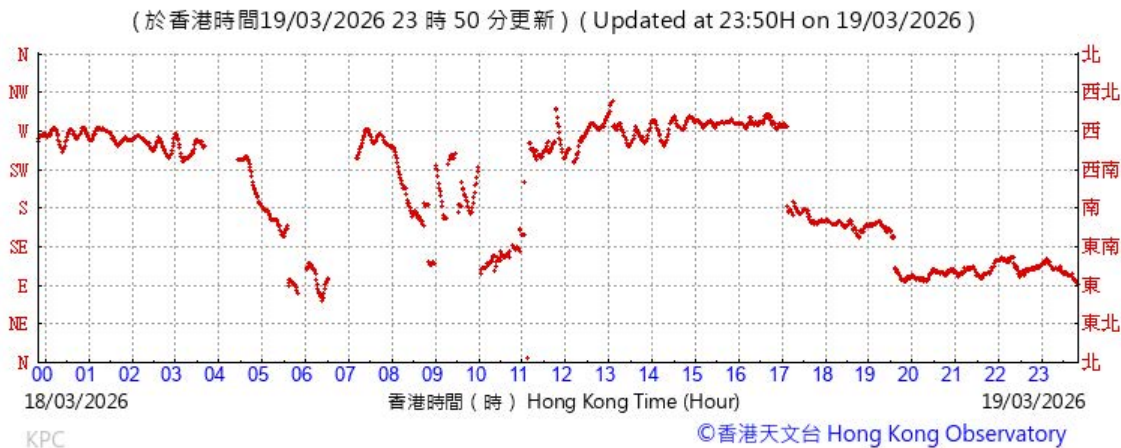
Temperature/Humidity:



Pressure:



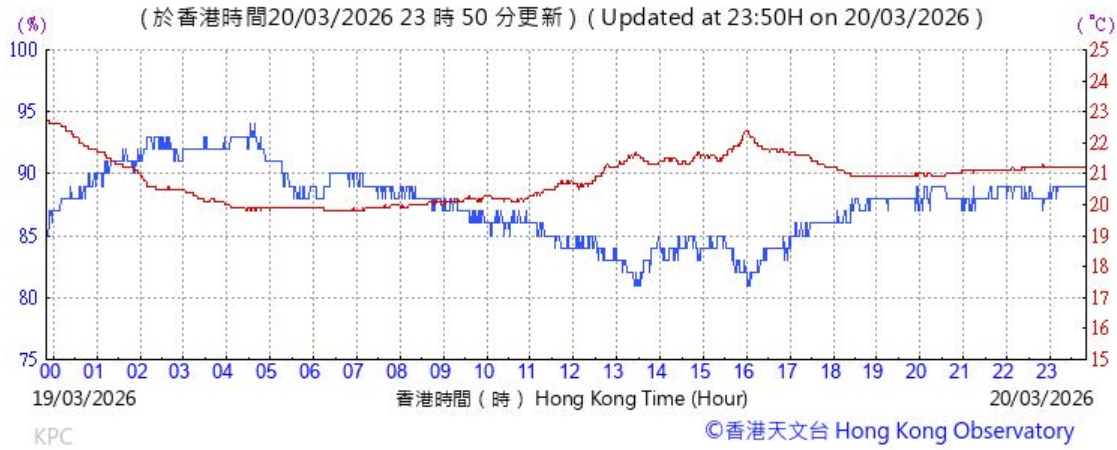
Wind Direction:



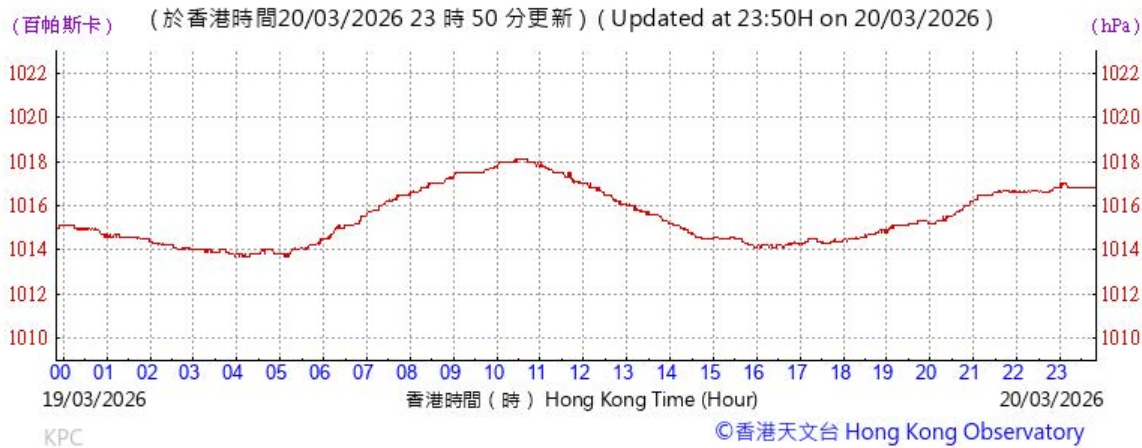
Wind Speed:



Temperature/Humidity:



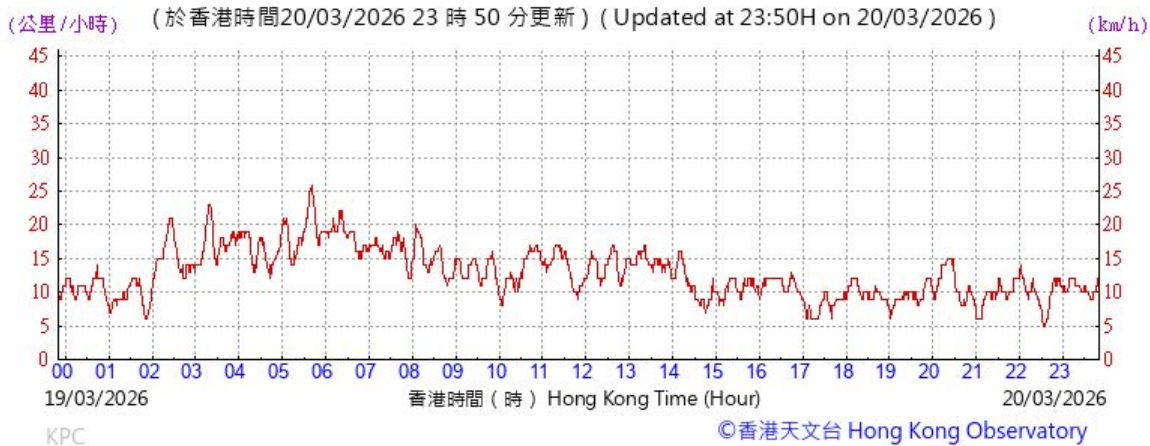
Pressure:



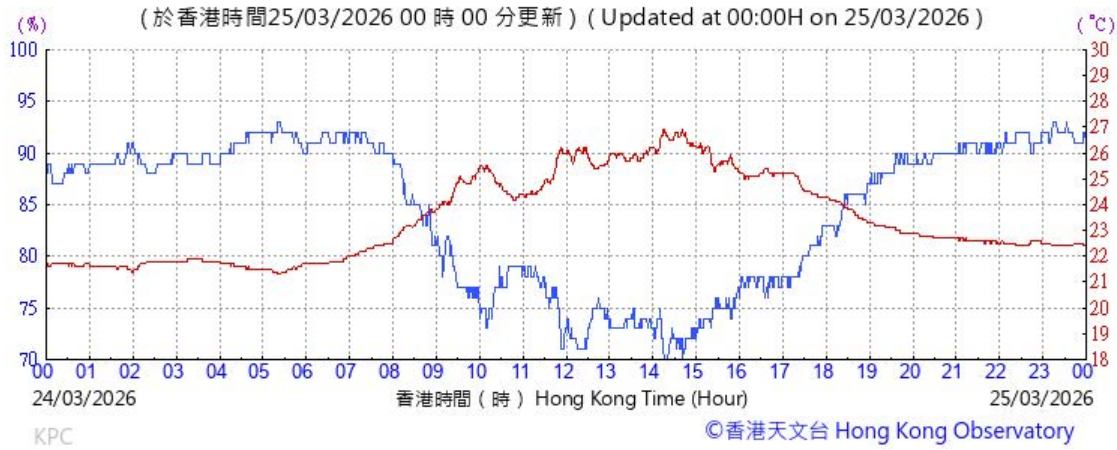
Wind Direction:



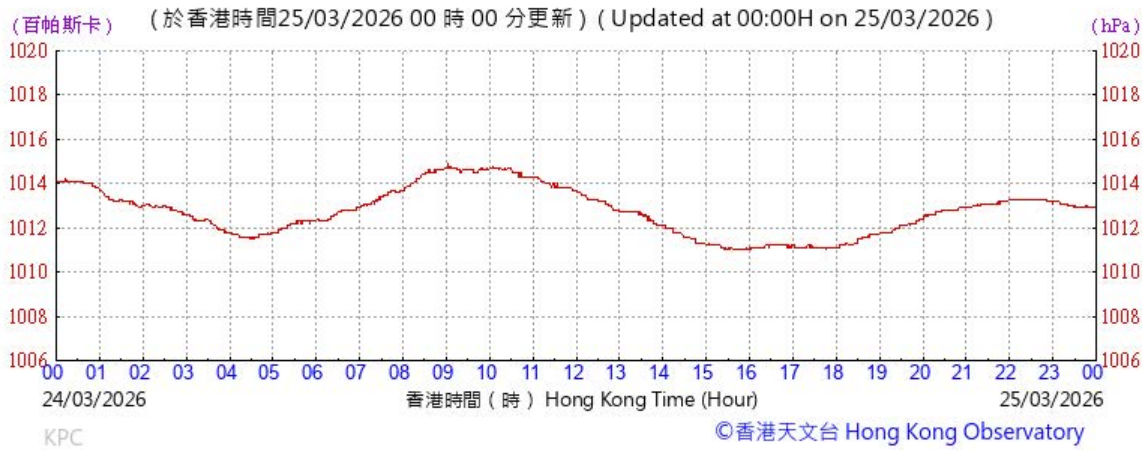
Wind Speed:



Temperature/Humidity:



Pressure:



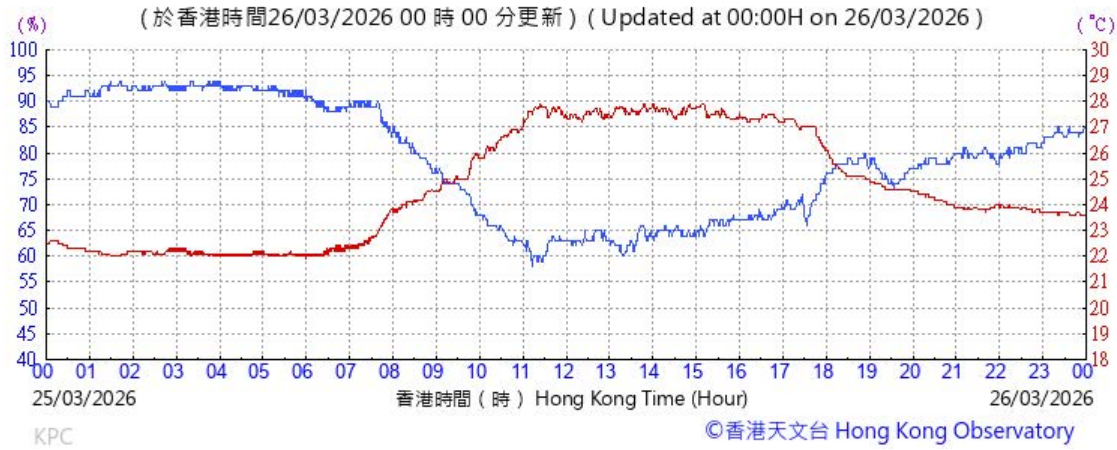
Wind Direction:



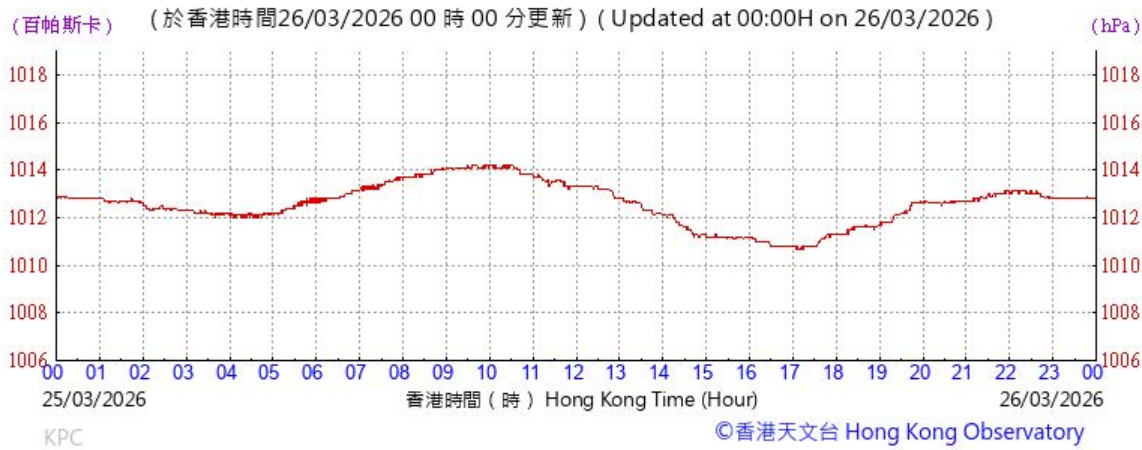
Wind Speed:



Temperature/Humidity:



Pressure:



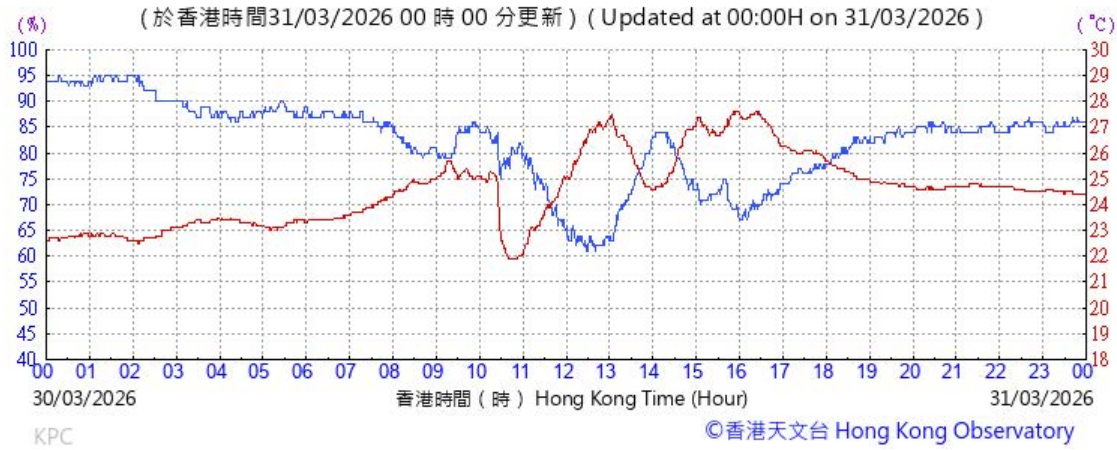
Wind Direction:



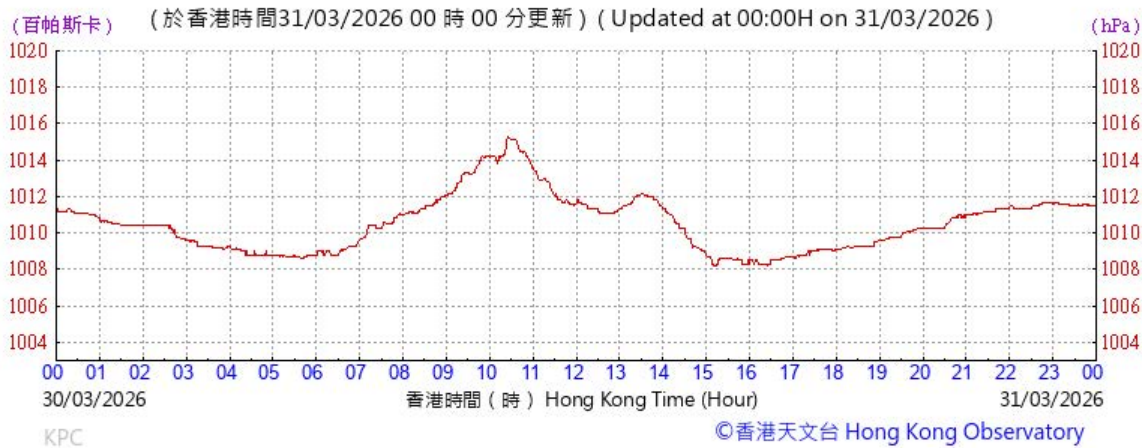
Wind Speed:



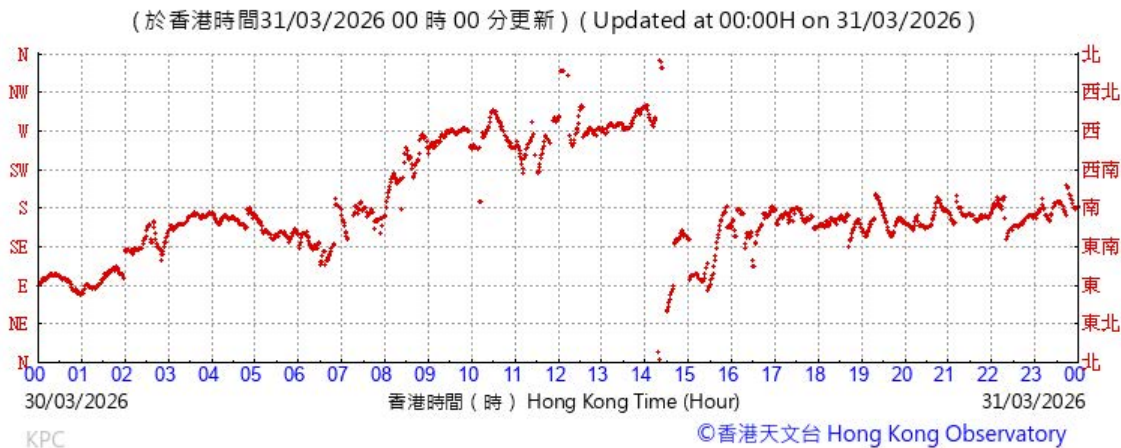
Temperature/Humidity:



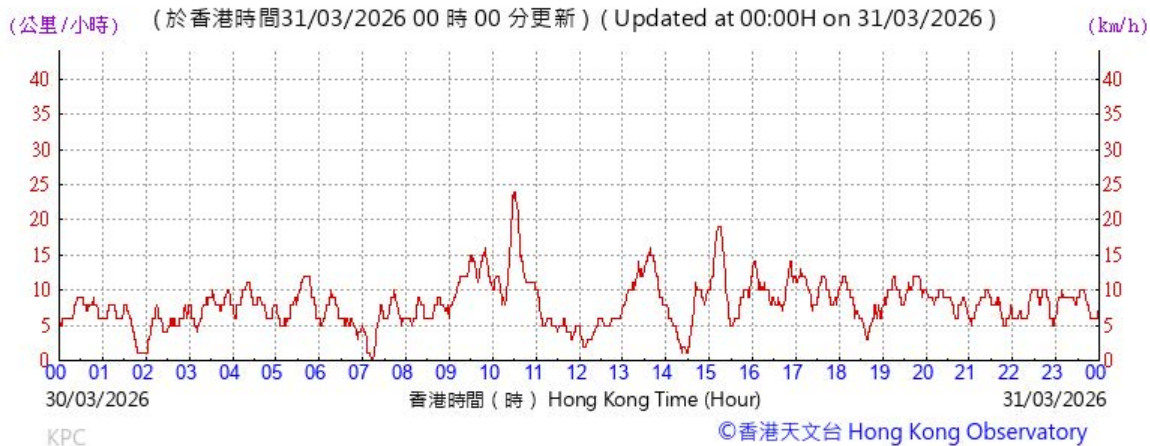
Pressure:



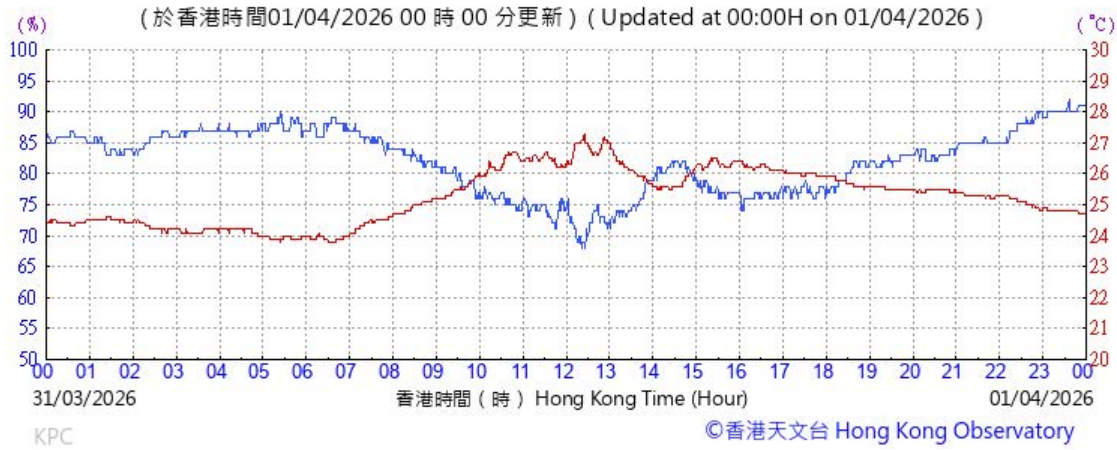
Wind Direction:



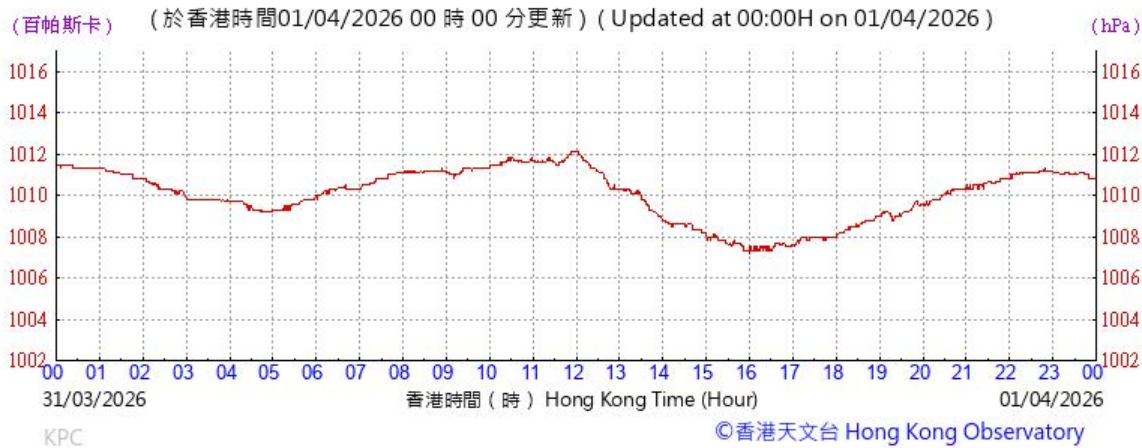
Wind Speed:



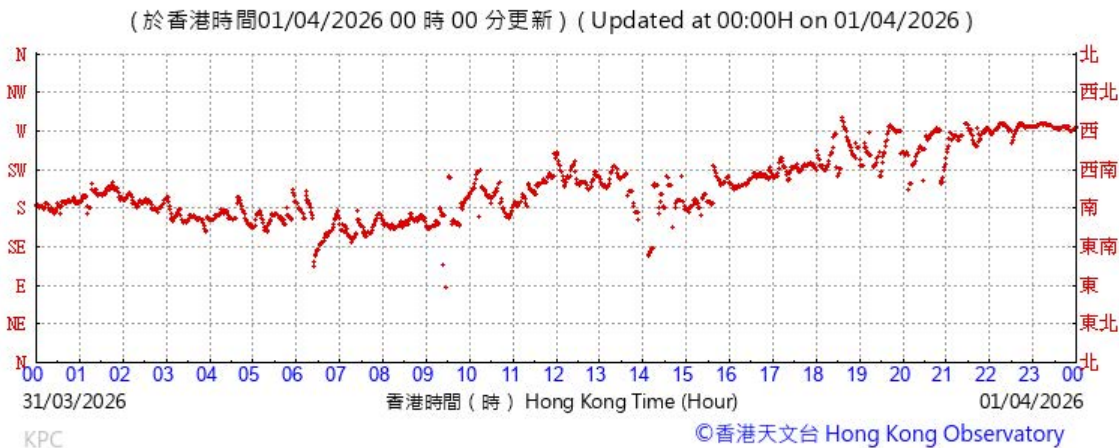
Temperature/Humidity:



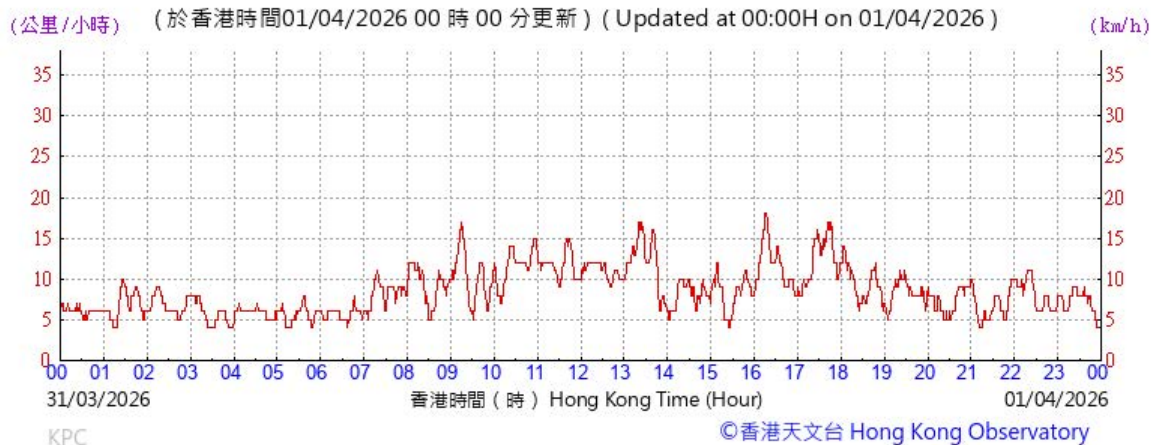
Pressure:



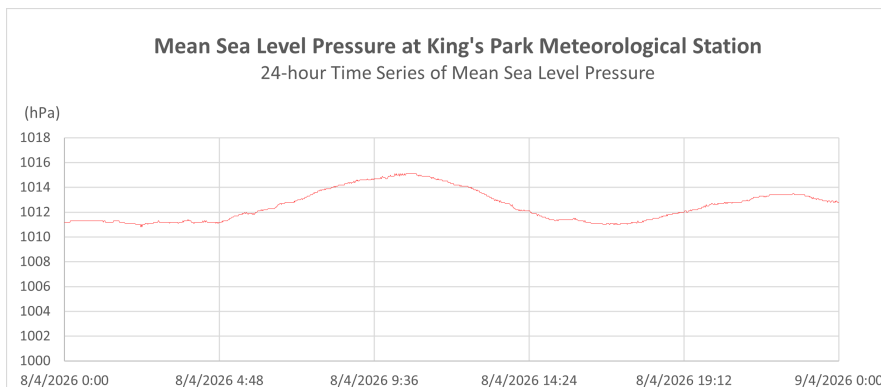
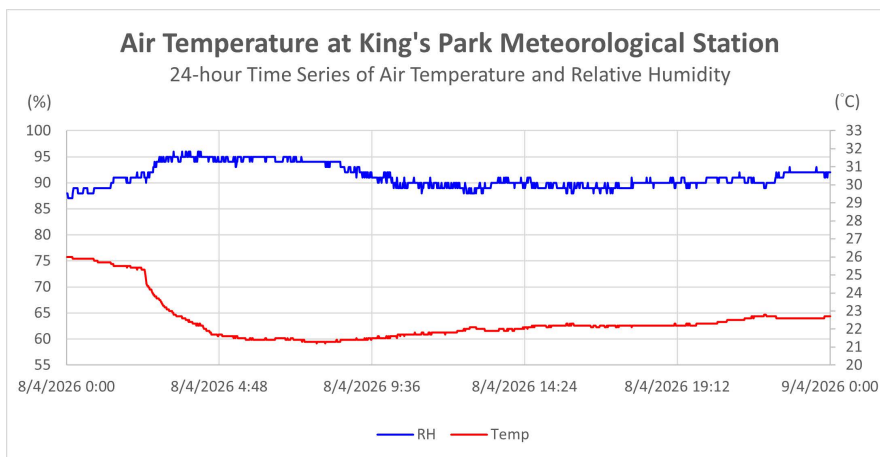
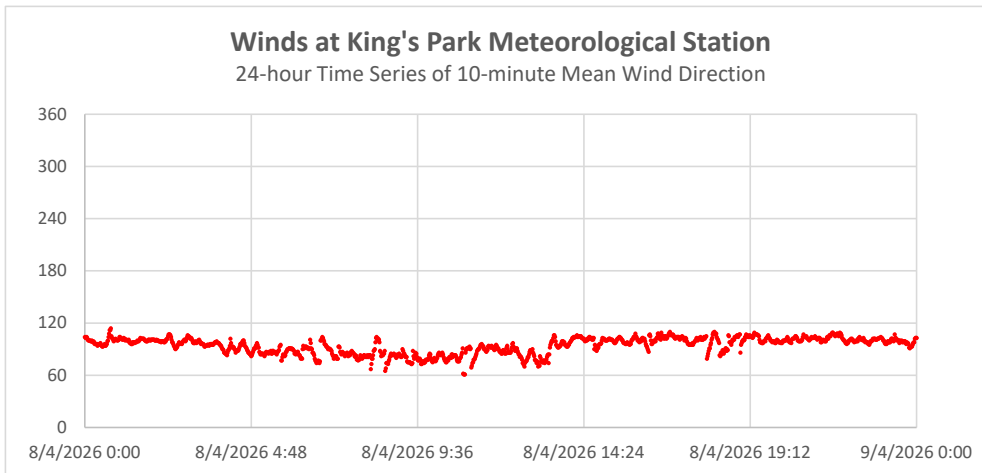
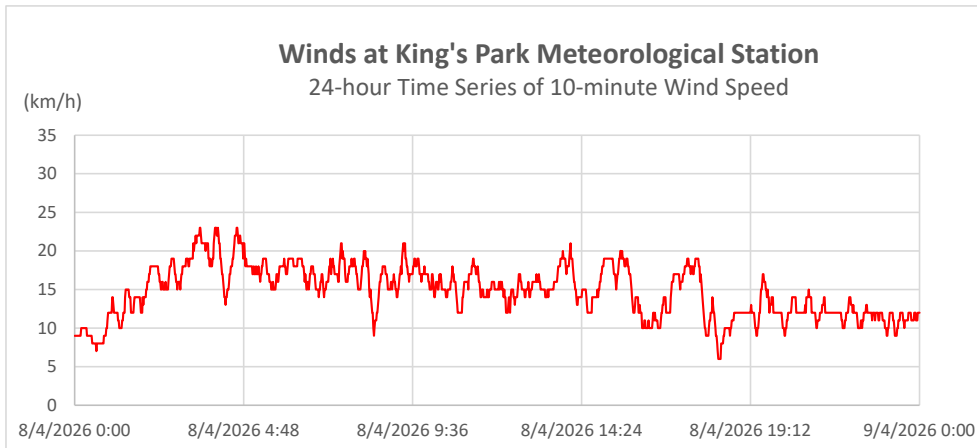
Wind Direction:

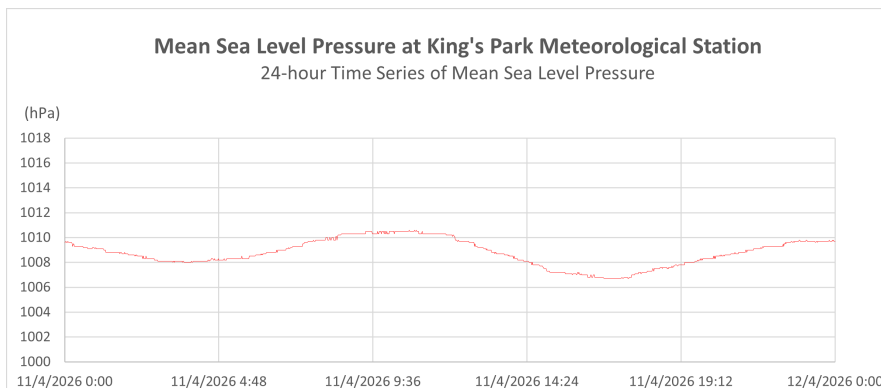
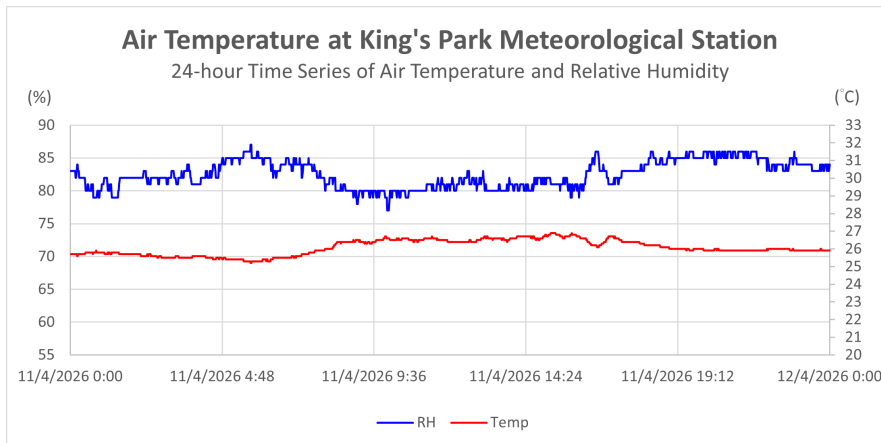
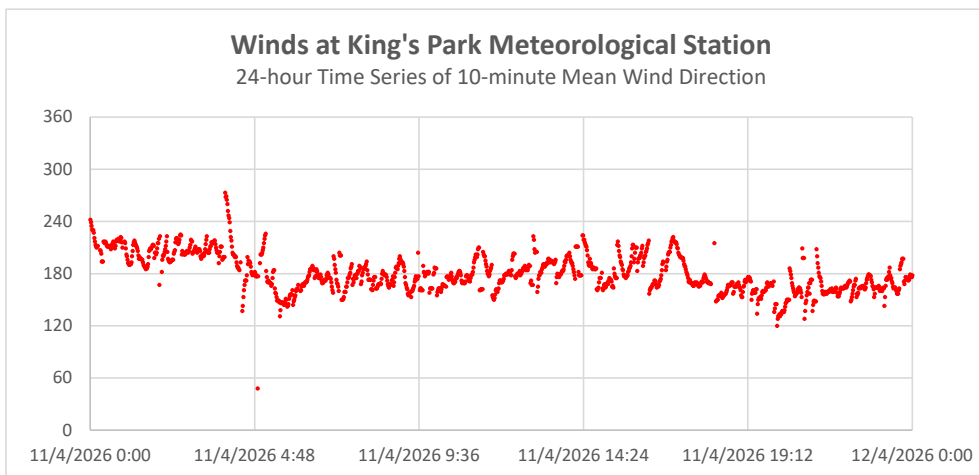
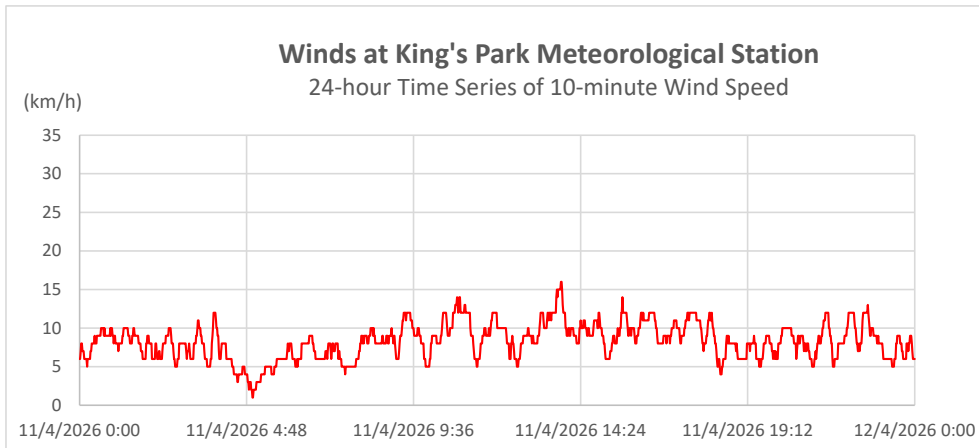


Wind Speed:



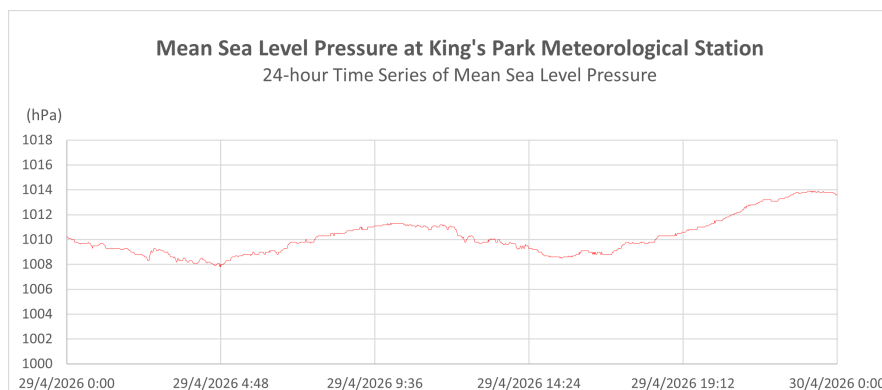
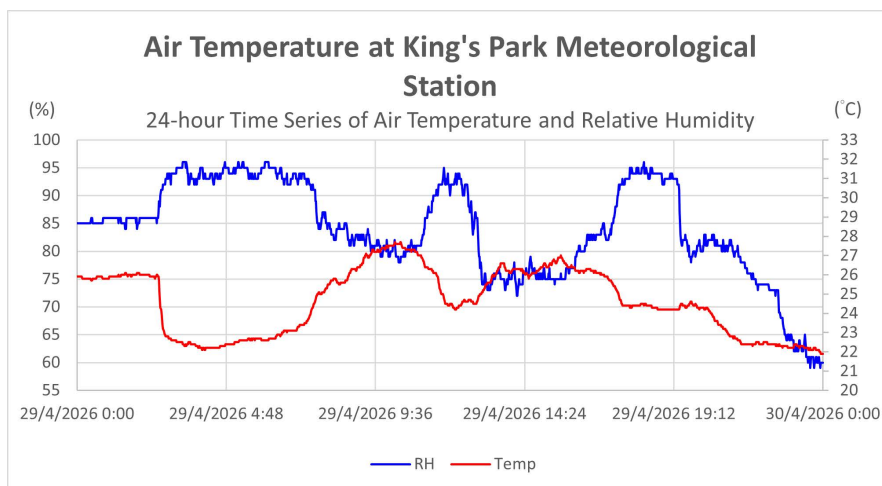
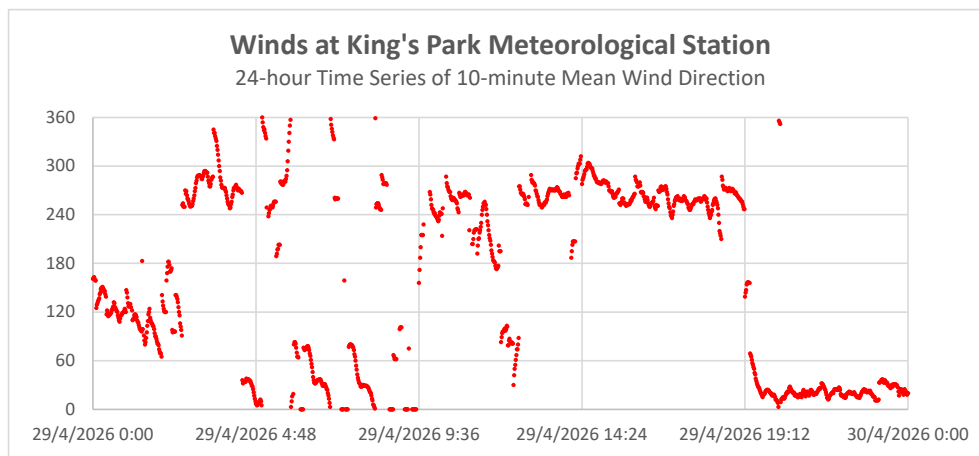
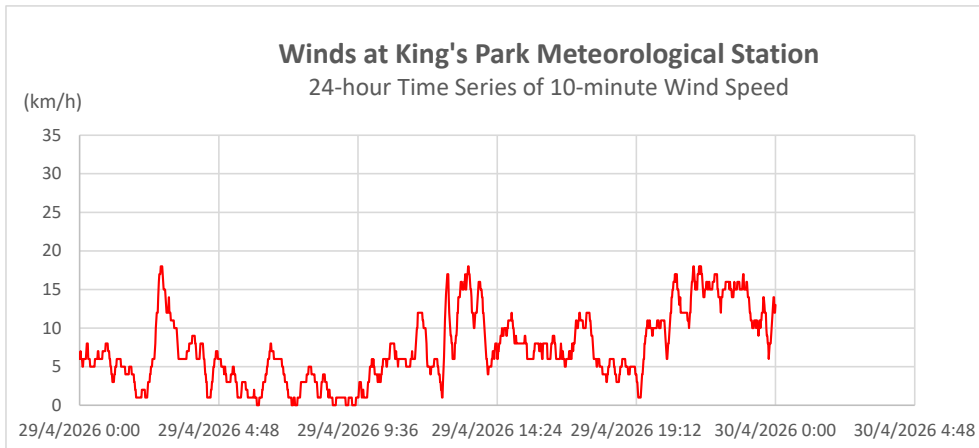










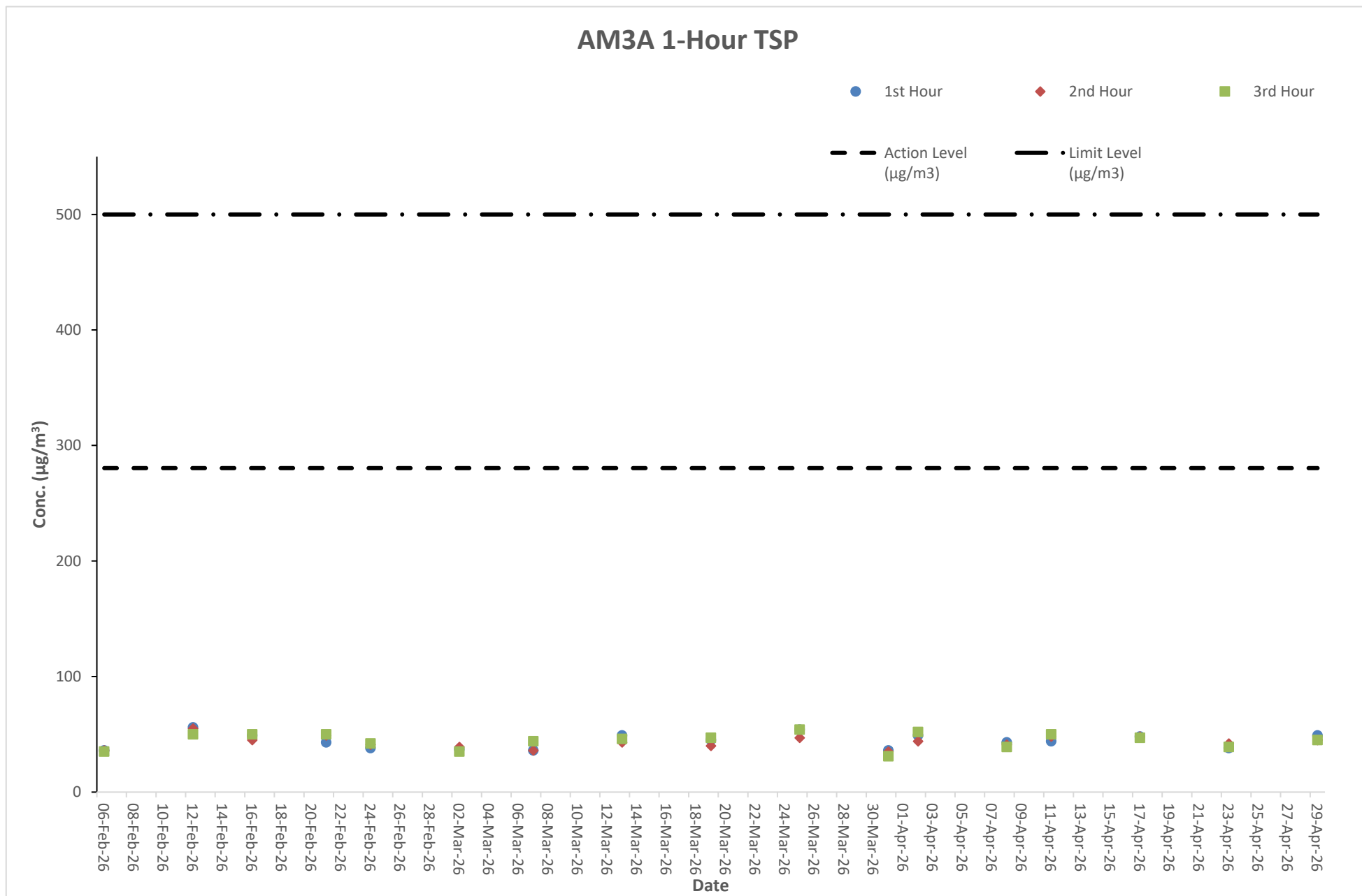


## **E. Graphical Plots of the Monitoring Results**

**Air Quality Monitoring Result at Station AM3A (1-hour TSP)**

Date	Weather Condition	Time	Conc. ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
06-Feb-26	Fine	13:02 - 16:02	36	36	35	280.4	500
12-Feb-26	Cloudy	7:01 - 10:01	56	55	50	280.4	500
16-Feb-26	Fine	13:04 - 16:04	49	45	50	280.4	500
21-Feb-26	Fine	7:09 - 10:09	43	49	50	280.4	500
24-Feb-26	Cloudy	13:02 - 16:02	38	41	42	280.4	500
02-Mar-26	Cloudy	7:00 - 10:00	37	39	35	280.4	500
07-Mar-26	Fine	13:04 - 16:04	36	36	44	280.4	500
13-Mar-26	Fine	7:02 - 10:02	49	43	46	280.4	500
19-Mar-26	Fine	13:05 - 16:05	45	40	47	280.4	500
25-Mar-26	Fine	7:01 - 10:01	54	47	54	280.4	500
31-Mar-26	Cloudy	13:03 - 16:03	36	35	31	280.4	500
02-Apr-26	Cloudy	13:00 - 16:00	49	44	52	280.4	500
08-Apr-26	Cloudy	7:01 - 10:01	43	41	39	280.4	500
11-Apr-26	Cloudy	13:05 - 16:05	44	48	50	280.4	500
17-Apr-26	Cloudy	7:02 - 10:02	48	48	47	280.4	500
23-Apr-26	Cloudy	13:05 - 16:05	38	42	39	280.4	500
29-Apr-26	Cloudy	7:05 - 10:05	49	43	46	280.4	500

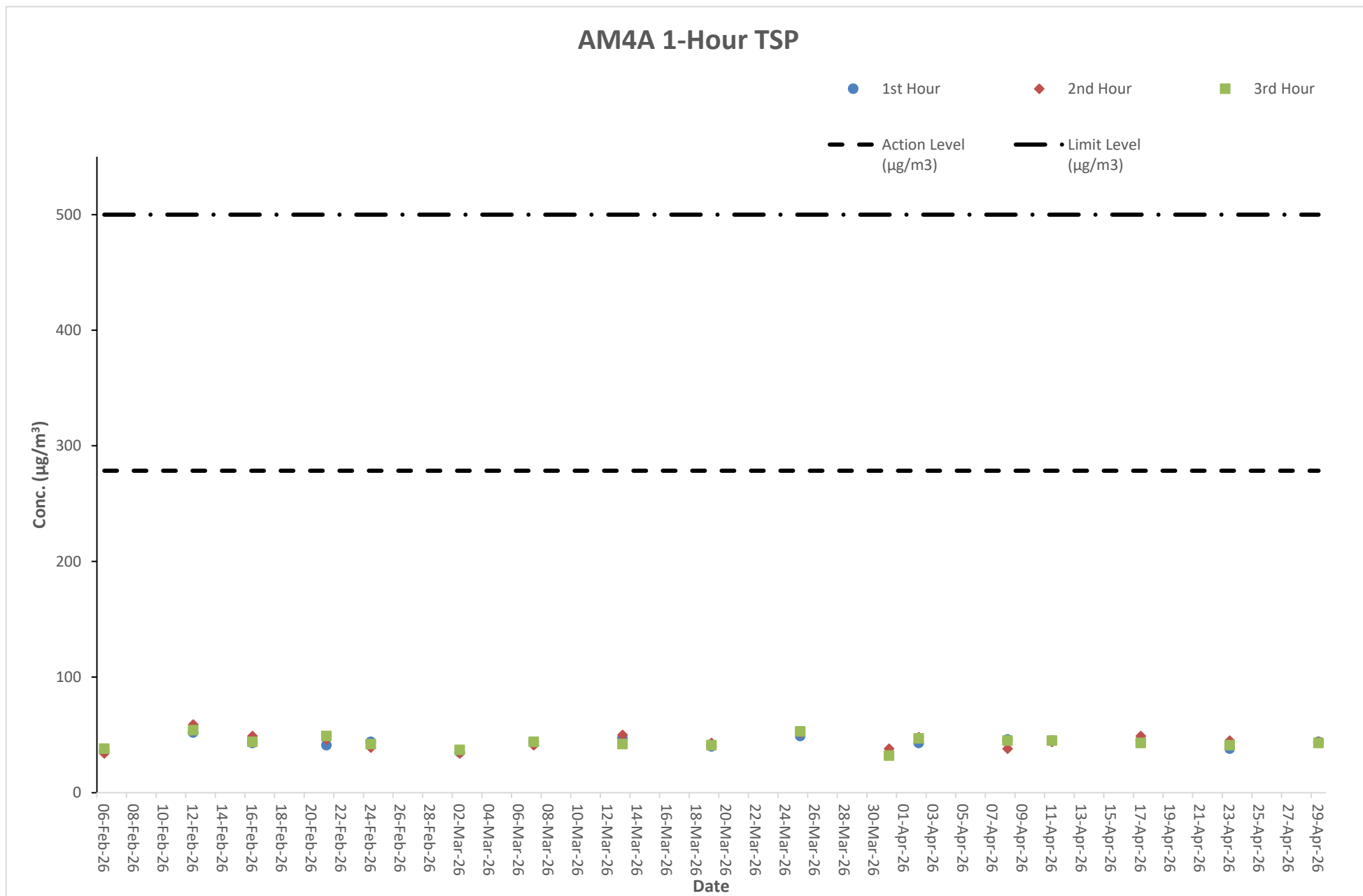
# Graphical Presentation of Air Quality Monitoring Result at Station AM3A (1-hour TSP)



**Air Quality Monitoring Result at Station AM4A (1-hour TSP)**

Date	Weather Condition	Time	Conc. ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
06-Feb-26	Fine	13:10 - 16:10	36	34	38	278.5	500
12-Feb-26	Cloudy	7:09 - 10:09	52	59	54	278.5	500
16-Feb-26	Fine	13:12 - 16:12	43	49	44	278.5	500
21-Feb-26	Fine	7:17 - 10:17	41	46	49	278.5	500
24-Feb-26	Cloudy	13:10 - 16:10	44	39	42	278.5	500
02-Mar-26	Cloudy	7:08 - 10:08	35	34	37	278.5	500
07-Mar-26	Fine	13:12 - 16:12	44	41	44	278.5	500
13-Mar-26	Fine	7:10 - 10:10	47	50	42	278.5	500
19-Mar-26	Fine	13:13 - 16:13	40	43	41	278.5	500
25-Mar-26	Fine	7:09 - 10:09	49	52	53	278.5	500
31-Mar-26	Cloudy	13:11 - 16:11	33	38	32	278.5	500
02-Apr-26	Cloudy	13:08 - 16:08	43	48	47	278.5	500
08-Apr-26	Cloudy	7:09 - 10:09	46	38	45	278.5	500
11-Apr-26	Cloudy	13:13 - 16:13	45	44	45	278.5	500
17-Apr-26	Cloudy	7:10 - 10:10	45	49	43	278.5	500
23-Apr-26	Cloudy	13:13 - 16:13	38	45	41	278.5	500
29-Apr-26	Cloudy	7:13 - 10:13	50	45	49	278.5	500

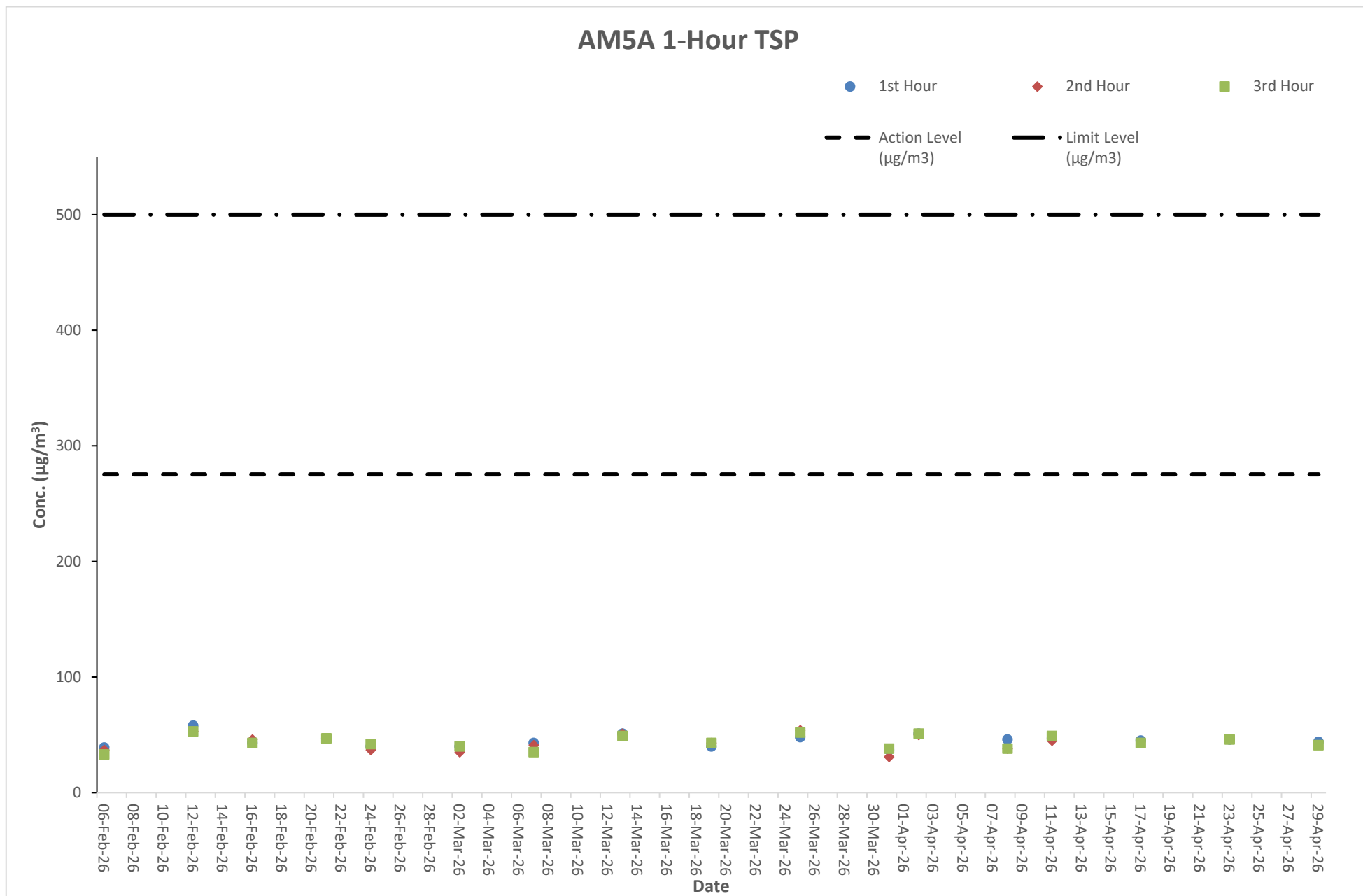
# Graphical Presentation of Air Quality Monitoring Result at Station AM4A (1-hour TSP)



**Air Quality Monitoring Result at Station AM5A (1-hour TSP)**

Date	Weather Condition	Time	Conc. ( $\mu\text{g}/\text{m}^3$ )			Action Level ( $\mu\text{g}/\text{m}^3$ )	Limit Level ( $\mu\text{g}/\text{m}^3$ )
			1 <sup>st</sup> Hour	2 <sup>nd</sup> Hour	3 <sup>rd</sup> Hour		
06-Feb-26	Fine	13:25 - 16:25	39	37	33	275.4	500
12-Feb-26	Cloudy	7:26 - 10:26	58	53	53	275.4	500
16-Feb-26	Fine	13:27 - 16:27	43	46	43	275.4	500
21-Feb-26	Fine	7:34 - 10:34	47	47	47	275.4	500
24-Feb-26	Cloudy	13:25 - 16:25	40	37	42	275.4	500
02-Mar-26	Cloudy	7:23 - 10:23	40	35	40	275.4	500
07-Mar-26	Fine	13:29 - 16:29	43	41	35	275.4	500
13-Mar-26	Fine	7:25 - 10:25	51	51	49	275.4	500
19-Mar-26	Fine	13:30 - 16:30	40	43	43	275.4	500
25-Mar-26	Fine	7:24 - 10:24	48	54	52	275.4	500
31-Mar-26	Cloudy	13:28 - 16:28	37	31	38	275.4	500
02-Apr-26	Cloudy	13:23 - 16:23	51	50	51	275.4	500
08-Apr-26	Cloudy	7:26 - 10:26	46	38	38	275.4	500
11-Apr-26	Cloudy	13:28 - 16:28	47	45	49	275.4	500
17-Apr-26	Cloudy	7:27 - 10:27	45	48	43	275.4	500
23-Apr-26	Cloudy	13:28 - 16:28	46	39	46	275.4	500
29-Apr-26	Cloudy	7:30 - 10:30	49	43	48	275.4	500

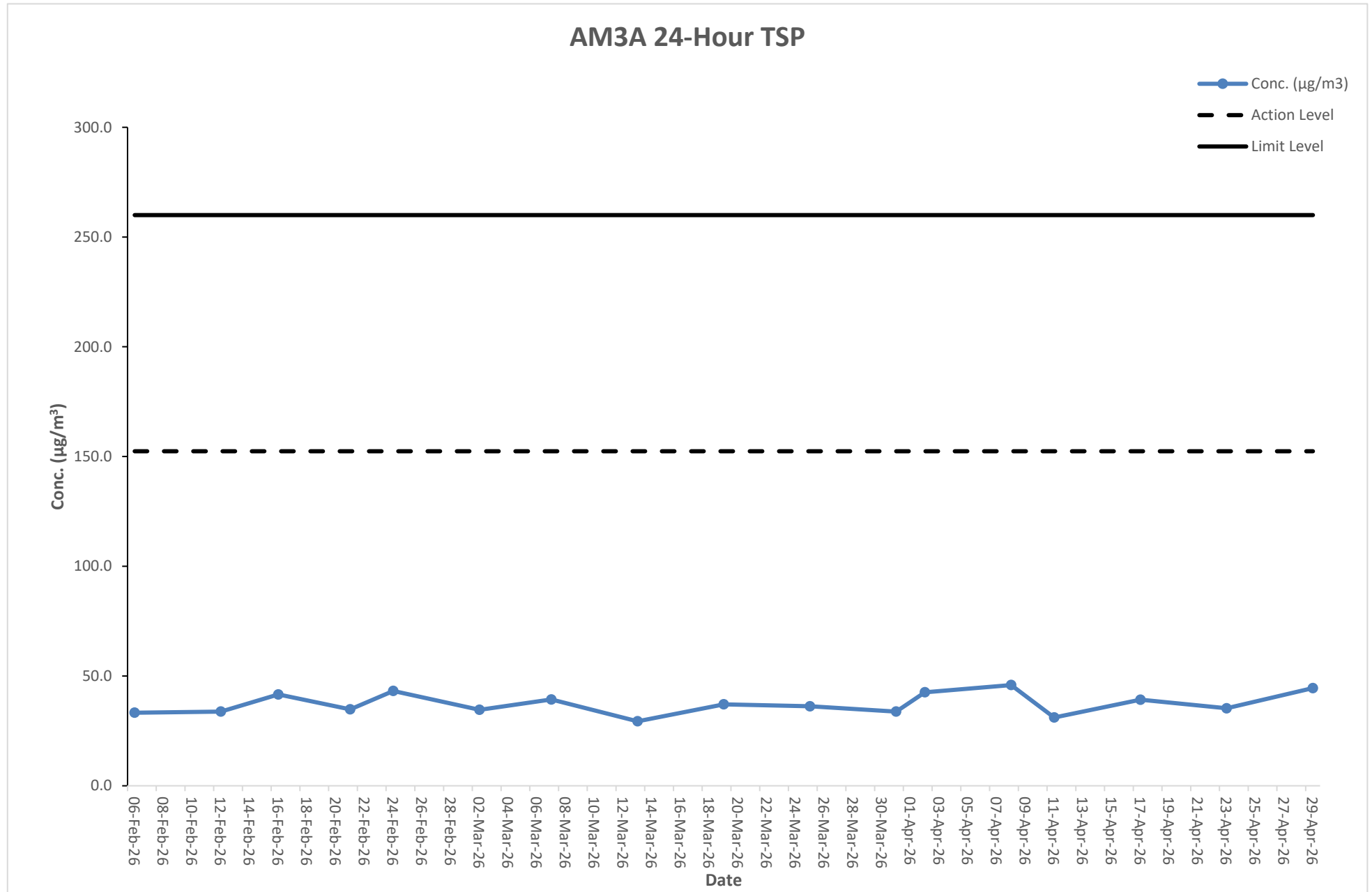
# Graphical Presentation of Air Quality Monitoring Result at Station AM5A (1-hour TSP)



**Air Quality Monitoring Result at Station AM3A (24-hour TSP)**

Start		Finish		Filter Weight (g)		Elapsed Time Reading		Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min)			Conc. (µg/m <sup>3</sup> )	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
06-Feb-26	10:00AM	07-Feb-26	10:00AM	2.8021	2.8528	9527.8	9551.8	24	1.12	1.12	1.12	31.5	Sunny	152.4	260
12-Feb-26	10:00AM	13-Feb-26	10:00AM	2.8062	2.8903	9551.8	9575.8	24	1.12	1.12	1.12	52.3	Cloudy	152.4	260
16-Feb-26	10:00AM	17-Feb-26	10:00AM	2.8049	2.8832	9575.8	9599.8	24	1.12	1.12	1.12	48.6	Sunny	152.4	260
21-Feb-26	10:00AM	22-Feb-26	10:00AM	2.8029	2.8768	9599.8	9623.8	24	1.12	1.12	1.12	45.9	Sunny	152.4	260
24-Feb-26	10:00AM	25-Feb-26	10:00AM	2.8083	2.8717	9623.8	9647.8	24	1.12	1.12	1.12	39.4	Rainy	152.4	260
02-Mar-26	10:00AM	03-Mar-26	10:00AM	2.8058	2.8593	9647.8	9671.8	24	1.12	1.12	1.12	33.3	Rainy	152.4	260
07-Mar-26	10:00AM	08-Mar-26	10:00AM	2.8066	2.8627	9671.8	9695.8	24	1.12	1.12	1.12	34.8	Sunny	152.4	260
13-Mar-26	10:00AM	14-Mar-26	10:00AM	2.8058	2.8769	9695.8	9719.8	24	1.12	1.12	1.12	44.2	Sunny	152.4	260
19-Mar-26	10:00AM	20-Mar-26	10:00AM	2.8075	2.8714	9719.8	9743.8	24	1.12	1.12	1.12	39.7	Sunny	152.4	260
25-Mar-26	10:00AM	26-Mar-26	10:00AM	2.8035	2.8833	9743.8	9767.8	24	1.12	1.12	1.12	49.6	Sunny	152.4	260
31-Mar-26	10:00AM	01-Apr-26	10:00AM	2.8052	2.8555	9767.8	9791.8	24	1.12	1.12	1.12	31.3	Cloudy	152.4	260
02-Apr-26	10:00AM	03-Apr-26	10:00AM	2.8054	2.8778	9792.8	9816.8	24	1.12	1.12	1.12	45.0	Cloudy	152.4	260
08-Apr-26	10:00AM	09-Apr-26	10:00AM	2.8069	2.8620	9816.8	9840.8	24	1.12	1.12	1.12	34.3	Rainy	152.4	260
11-Apr-26	10:00AM	12-Apr-26	10:00AM	2.8013	2.8688	9840.8	9864.8	24	1.12	1.12	1.12	41.9	Sunny	152.4	260
17-Apr-26	10:00AM	18-Apr-26	10:00AM	2.8040	2.8757	9864.8	9888.8	24	1.12	1.12	1.12	44.5	Rainy	152.4	260
23-Apr-26	10:00AM	24-Apr-26	10:00AM	2.8054	2.8640	9888.8	9912.8	24	1.12	1.12	1.12	36.4	Cloudy	152.4	260
29-Apr-26	10:00AM	30-Apr-26	10:00AM	2.8031	2.8660	9912.8	9936.8	24	1.12	1.12	1.12	39.1	Rainy	152.4	260

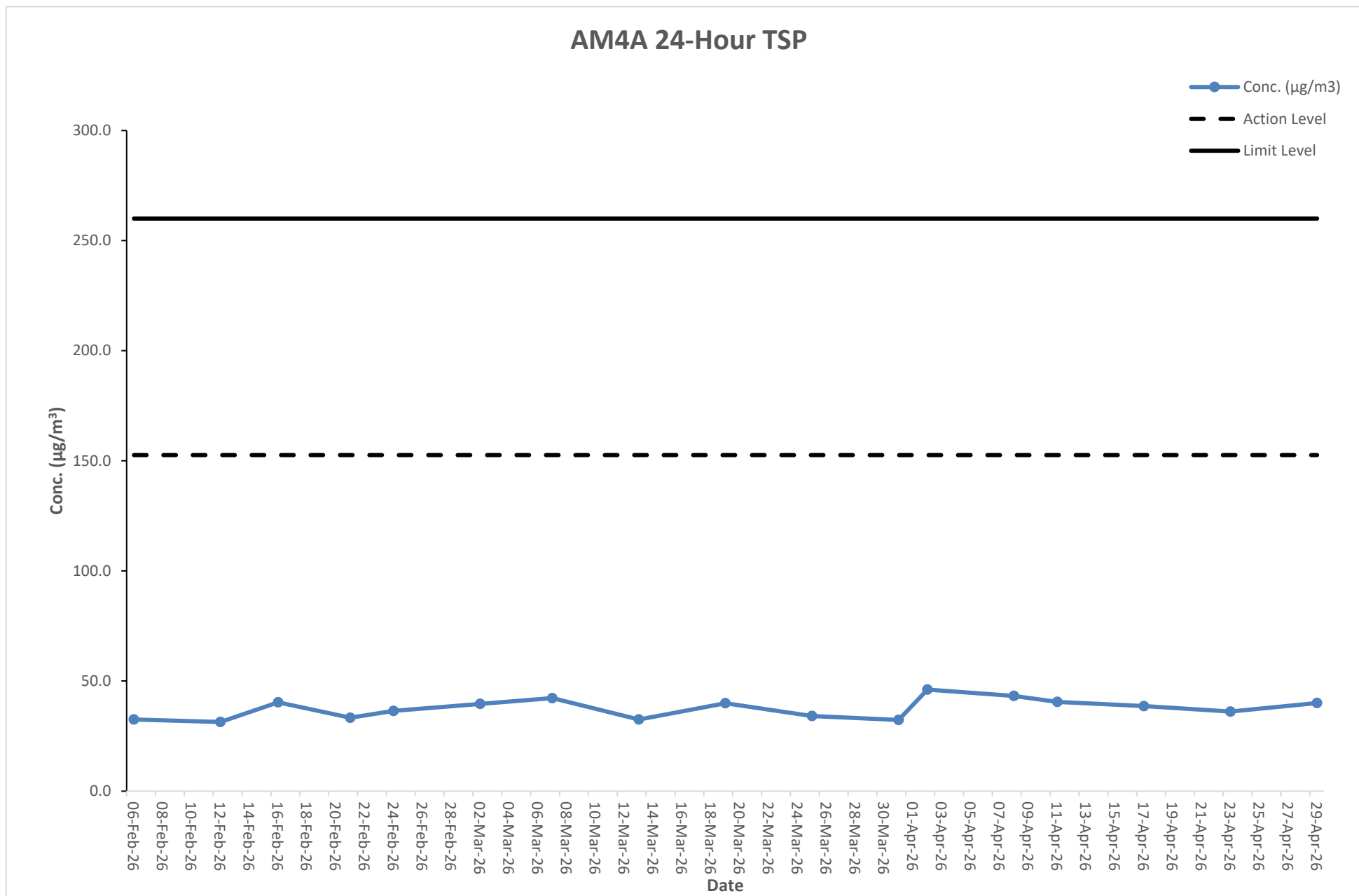
# Graphical Presentation of Air Quality Monitoring Result at Station AM3A (24-hour TSP)



**Air Quality Monitoring Result at Station AM4A (24-hour TSP)**

Start		Finish		Filter Weight (g)		Elapsed Time Reading		Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min)			Conc. (µg/m <sup>3</sup> )	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
06-Feb-26	10:00AM	07-Feb-26	10:00AM	2.8064	2.8576	9947.4	9971.4	24	1.12	1.12	1.12	31.8	Sunny	152.6	260
12-Feb-26	10:00AM	13-Feb-26	10:00AM	2.8044	2.8914	9971.4	9995.4	24	1.12	1.12	1.12	54.0	Cloudy	152.6	260
16-Feb-26	10:00AM	17-Feb-26	10:00AM	2.8084	2.8795	9995.4	10019.4	24	1.12	1.12	1.12	44.2	Sunny	152.6	260
21-Feb-26	10:00AM	22-Feb-26	10:00AM	2.8060	2.8750	10019.4	10043.4	24	1.12	1.12	1.12	42.8	Sunny	152.6	260
24-Feb-26	10:00AM	25-Feb-26	10:00AM	2.8056	2.8684	10043.4	10067.4	24	1.12	1.12	1.12	39.1	Rainy	152.6	260
02-Mar-26	10:00AM	03-Mar-26	10:00AM	2.8038	2.8541	10067.4	10091.4	24	1.12	1.12	1.12	31.3	Rainy	152.6	260
07-Mar-26	10:00AM	08-Mar-26	10:00AM	2.8050	2.8649	10091.4	10115.4	24	1.12	1.12	1.12	37.2	Sunny	152.6	260
13-Mar-26	10:00AM	14-Mar-26	10:00AM	2.8042	2.8753	10115.4	10139.4	24	1.12	1.12	1.12	44.2	Sunny	152.6	260
19-Mar-26	10:00AM	20-Mar-26	10:00AM	2.8053	2.8695	10139.4	10163.4	24	1.12	1.12	1.12	39.9	Sunny	152.6	260
25-Mar-26	10:00AM	26-Mar-26	10:00AM	2.8043	2.8823	10163.4	10187.4	24	1.12	1.12	1.12	48.5	Sunny	152.6	260
31-Mar-26	10:00AM	01-Apr-26	10:00AM	2.8089	2.8584	10187.4	10211.4	24	1.12	1.12	1.12	30.7	Cloudy	152.6	260
02-Apr-26	10:00AM	03-Apr-26	10:00AM	2.8026	2.8706	10212.4	10236.4	24	1.12	1.12	1.12	42.2	Cloudy	152.6	260
08-Apr-26	10:00AM	09-Apr-26	10:00AM	2.8073	2.8689	10236.4	10260.4	24	1.12	1.12	1.12	38.3	Rainy	152.6	260
11-Apr-26	10:00AM	12-Apr-26	10:00AM	2.8043	2.8697	10260.4	10284.4	24	1.12	1.12	1.12	40.6	Sunny	152.6	260
17-Apr-26	10:00AM	18-Apr-26	10:00AM	2.8052	2.8722	10284.4	10308.4	24	1.12	1.12	1.12	41.6	Rainy	152.6	260
23-Apr-26	10:00AM	24-Apr-26	10:00AM	2.8054	2.8647	10308.4	10332.4	24	1.12	1.12	1.12	36.8	Cloudy	152.6	260
29-Apr-26	10:00AM	30-Apr-26	10:00AM	2.8077	2.8741	10332.4	10356.4	24	1.12	1.12	1.12	41.3	Rainy	152.6	260

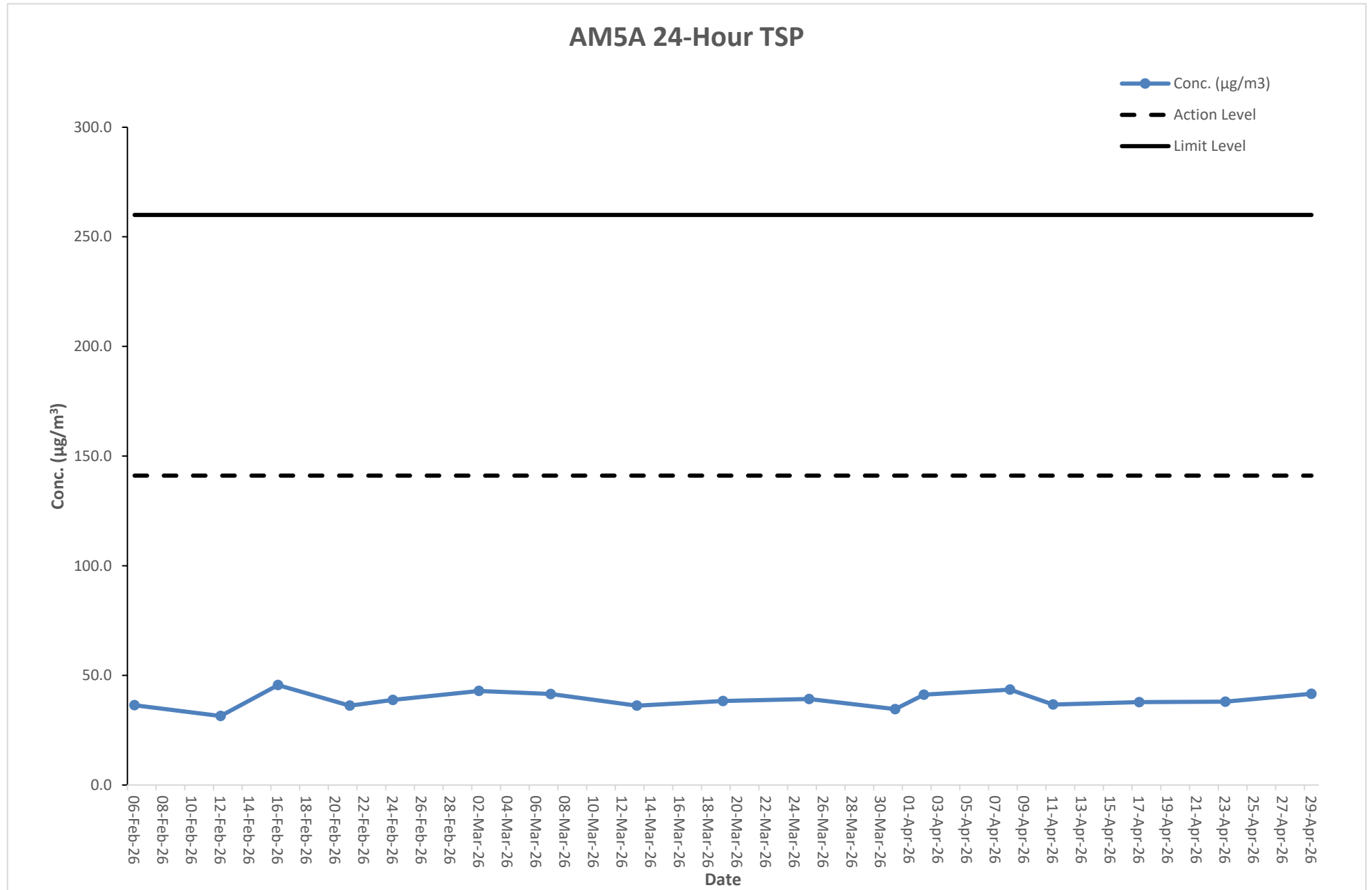
# Graphical Presentation of Air Quality Monitoring Result at Station AM4A (24-hour TSP)



**Air Quality Monitoring Result at Station AM5A (24-hour TSP)**

Start		Finish		Filter Weight (g)		Elapsed Time Reading		Sampling Time (hrs)	Flow Rate (m <sup>3</sup> /min)			Conc. (µg/m <sup>3</sup> )	Weather Condition	Action Level	Limit Level
Date	Time	Date	Time	Initial	Final	Initial	Final		Initial	Final	Average				
06-Feb-26	10:00AM	07-Feb-26	10:00AM	2.8041	2.8594	10085.6	10109.6	24	1.12	1.12	1.12	34.3	Sunny	141.1	260
12-Feb-26	10:00AM	13-Feb-26	10:00AM	2.8035	2.8872	10109.6	10133.6	24	1.12	1.12	1.12	52.0	Cloudy	141.1	260
16-Feb-26	10:00AM	17-Feb-26	10:00AM	2.8012	2.8697	10133.6	10157.6	24	1.12	1.12	1.12	42.6	Sunny	141.1	260
21-Feb-26	10:00AM	22-Feb-26	10:00AM	2.8031	2.8696	10157.6	10181.6	24	1.12	1.12	1.12	41.3	Sunny	141.1	260
24-Feb-26	10:00AM	25-Feb-26	10:00AM	2.8047	2.8624	10181.6	10205.6	24	1.12	1.12	1.12	35.8	Rainy	141.1	260
02-Mar-26	10:00AM	03-Mar-26	10:00AM	2.8034	2.8577	10205.6	10229.6	24	1.12	1.12	1.12	33.8	Rainy	141.1	260
07-Mar-26	10:00AM	08-Mar-26	10:00AM	2.8073	2.8655	10229.6	10253.6	24	1.12	1.12	1.12	36.2	Sunny	141.1	260
13-Mar-26	10:00AM	14-Mar-26	10:00AM	2.8059	2.8784	10253.6	10277.6	24	1.12	1.12	1.12	45.0	Sunny	141.1	260
19-Mar-26	10:00AM	20-Mar-26	10:00AM	2.8073	2.8706	10277.6	10301.6	24	1.12	1.12	1.12	39.3	Sunny	141.1	260
25-Mar-26	10:00AM	26-Mar-26	10:00AM	2.8087	2.8863	10301.6	10325.6	24	1.12	1.12	1.12	48.2	Sunny	141.1	260
31-Mar-26	10:00AM	01-Apr-26	10:00AM	2.8081	2.8608	10325.6	10349.6	24	1.12	1.12	1.12	32.8	Cloudy	141.1	260
02-Apr-26	10:00AM	03-Apr-26	10:00AM	2.8030	2.8775	10350.6	10374.6	24	1.12	1.12	1.12	46.3	Cloudy	141.1	260
08-Apr-26	10:00AM	09-Apr-26	10:00AM	2.8027	2.8636	10374.6	10398.6	24	1.12	1.12	1.12	37.8	Rainy	141.1	260
11-Apr-26	10:00AM	12-Apr-26	10:00AM	2.8012	2.8661	10398.6	10422.6	24	1.12	1.12	1.12	40.3	Sunny	141.1	260
17-Apr-26	10:00AM	18-Apr-26	10:00AM	2.8018	2.8730	10422.6	10446.6	24	1.12	1.12	1.12	44.2	Rainy	141.1	260
23-Apr-26	10:00AM	24-Apr-26	10:00AM	2.8078	2.8685	10446.6	10470.6	24	1.12	1.12	1.12	37.7	Cloudy	141.1	260
29-Apr-26	10:00AM	30-Apr-26	10:00AM	2.8037	2.8697	10470.6	10494.6	24	1.12	1.12	1.12	41.0	Rainy	141.1	260

# Graphical Presentation of Air Quality Monitoring Result at Station AM5A (24-hour TSP)



**Noise Monitoring Result at Station NM2A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
06-Feb-26	13:02	63.7	60.9	62.6
06-Feb-26	13:07	64.2	60.3	
06-Feb-26	13:12	64.2	61.1	
06-Feb-26	13:17	65.0	60.6	
06-Feb-26	13:22	64.7	60.8	
06-Feb-26	13:27	64.4	61.1	
12-Feb-26	7:01	64.2	61.0	62.7
12-Feb-26	7:06	64.1	60.7	
12-Feb-26	7:11	64.8	60.6	
12-Feb-26	7:16	64.0	61.0	
12-Feb-26	7:21	63.6	61.6	
12-Feb-26	7:26	64.3	61.1	
16-Feb-26	13:04	64.9	61.6	62.6
16-Feb-26	13:09	63.6	61.2	
16-Feb-26	13:14	63.7	60.5	
16-Feb-26	13:19	63.9	60.6	
16-Feb-26	13:24	64.9	60.2	
16-Feb-26	13:29	64.6	60.9	
21-Feb-26	7:09	65.0	60.3	62.9
21-Feb-26	7:14	63.8	61.2	
21-Feb-26	7:19	64.9	60.3	
21-Feb-26	7:24	64.4	61.5	
21-Feb-26	7:29	64.9	60.9	
21-Feb-26	7:34	64.8	60.2	
24-Feb-26	13:02	63.9	61.3	62.7
24-Feb-26	13:07	64.4	60.2	
24-Feb-26	13:12	64.2	61.6	
24-Feb-26	13:17	63.8	60.2	
24-Feb-26	13:22	64.4	60.8	
24-Feb-26	13:27	64.0	60.4	
02-Mar-26	7:00	64.7	61.5	62.8
02-Mar-26	7:05	64.8	60.4	
02-Mar-26	7:10	64.5	61.1	
02-Mar-26	7:15	64.9	61.6	
02-Mar-26	7:20	64.4	60.4	
02-Mar-26	7:25	63.6	61.5	
07-Mar-26	13:04	64.1	61.4	62.9
07-Mar-26	13:09	64.8	60.8	
07-Mar-26	13:14	63.9	61.5	
07-Mar-26	13:19	64.5	61.4	
07-Mar-26	13:24	63.8	61.1	
07-Mar-26	13:29	64.5	61.6	
13-Mar-26	7:02	64.1	60.8	62.8
13-Mar-26	7:07	63.6	61.5	
13-Mar-26	7:12	65.0	61.2	
13-Mar-26	7:17	64.9	61.4	
13-Mar-26	7:22	63.7	61.5	
13-Mar-26	7:27	64.9	60.3	
19-Mar-26	13:05	65.0	60.3	62.6
19-Mar-26	13:10	64.6	60.8	
19-Mar-26	13:15	65.0	61.6	
19-Mar-26	13:20	64.3	60.8	
19-Mar-26	13:25	63.8	60.8	
19-Mar-26	13:30	64.3	60.2	
25-Mar-26	7:01	64.4	60.7	62.5
25-Mar-26	7:06	64.9	61.5	
25-Mar-26	7:11	64.4	60.8	
25-Mar-26	7:16	64.6	60.5	
25-Mar-26	7:21	64.1	60.7	
25-Mar-26	7:26	64.1	60.6	

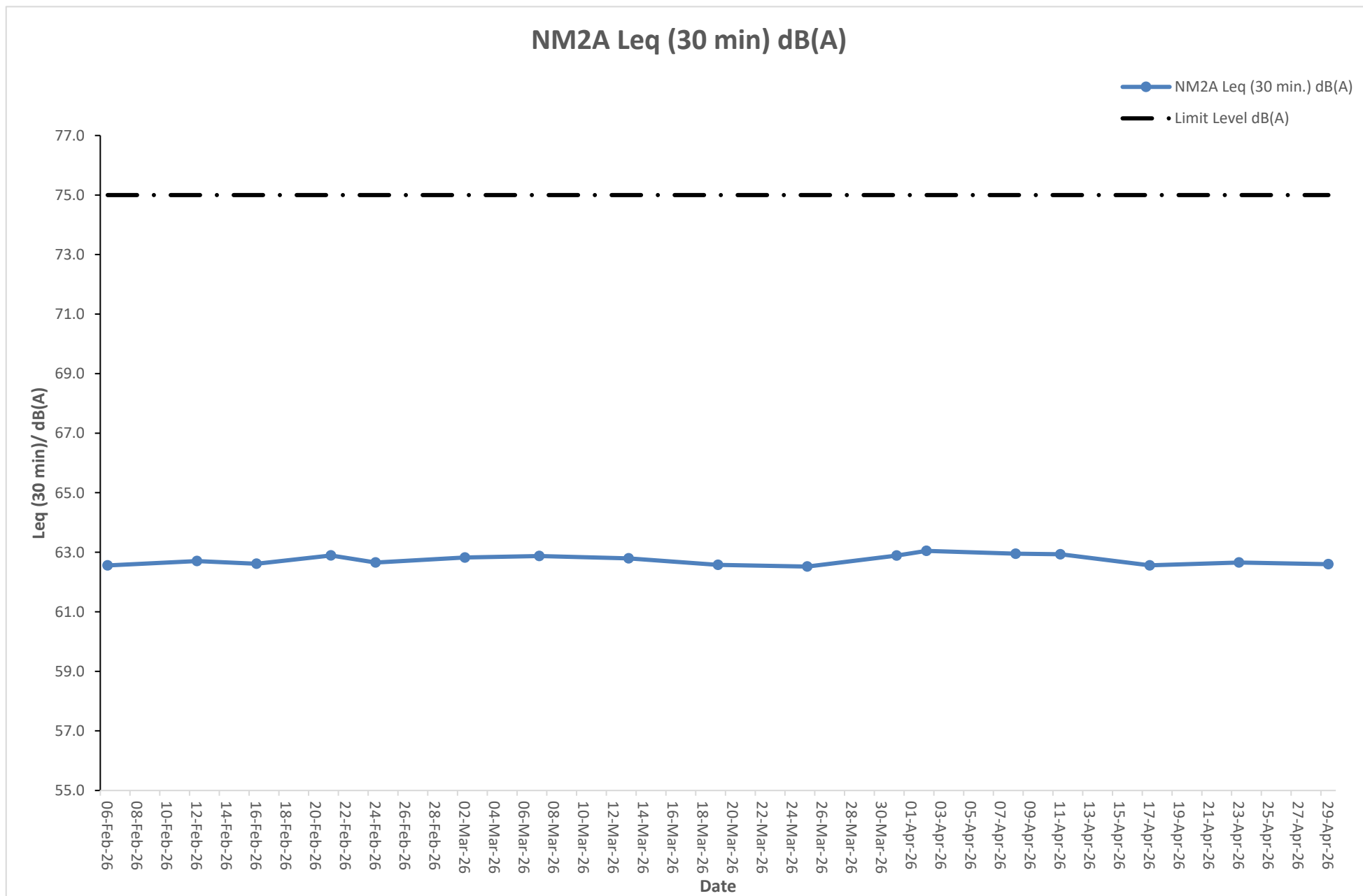
**Noise Monitoring Result at Station NM2A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
31-Mar-26	14:02	63.6	60.9	62.9
31-Mar-26	14:07	65.0	60.3	
31-Mar-26	14:12	63.7	60.7	
31-Mar-26	14:17	63.6	61.3	
31-Mar-26	14:22	64.5	61.6	
31-Mar-26	14:27	64.8	61.3	
02-Apr-26	13:00	64.5	61.3	63.0
02-Apr-26	13:05	64.5	61.0	
02-Apr-26	13:10	65.0	60.5	
02-Apr-26	13:15	64.0	60.7	
02-Apr-26	13:20	64.3	60.2	
02-Apr-26	13:25	64.4	60.3	
08-Apr-26	7:01	64.4	61.2	63.0
08-Apr-26	7:06	63.9	60.5	
08-Apr-26	7:11	64.2	61.5	
08-Apr-26	7:16	64.7	60.2	
08-Apr-26	7:21	64.0	60.9	
08-Apr-26	7:26	65.0	60.4	
11-Apr-26	13:05	64.6	60.4	62.9
11-Apr-26	13:10	64.9	61.6	
11-Apr-26	13:15	64.4	60.4	
11-Apr-26	13:20	65.0	60.4	
11-Apr-26	13:25	63.9	60.3	
11-Apr-26	13:30	64.5	60.7	
17-Apr-26	7:02	65.0	60.3	62.6
17-Apr-26	7:07	64.5	61.1	
17-Apr-26	7:12	64.3	60.3	
17-Apr-26	7:17	64.0	61.0	
17-Apr-26	7:22	64.7	61.3	
17-Apr-26	7:27	64.2	61.2	
23-Apr-26	13:05	64.8	61.5	62.7
23-Apr-26	13:10	64.0	61.1	
23-Apr-26	13:15	64.9	61.5	
23-Apr-26	13:20	64.3	60.8	
23-Apr-26	13:25	63.8	60.2	
23-Apr-26	13:30	64.8	60.4	
29-Apr-26	8:04	64.8	61.3	62.6
29-Apr-26	8:09	64.1	60.4	
29-Apr-26	8:14	64.4	61.0	
29-Apr-26	8:19	63.8	61.6	
29-Apr-26	8:24	63.7	60.8	
29-Apr-26	8:29	63.8	61.0	



The station set-up of a façade measurement at station NM2A.

# Graphical Presentation of Noise Monitoring Result at Station NM2A



**Noise Monitoring Result at Station NM3A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
06-Feb-26	14:32	62.0	56.9	60.5
06-Feb-26	14:37	63.5	56.0	
06-Feb-26	14:42	61.9	57.7	
06-Feb-26	14:47	63.7	56.0	
06-Feb-26	14:52	63.0	56.2	
06-Feb-26	14:57	63.3	56.8	
12-Feb-26	8:22	62.5	56.3	61.0
12-Feb-26	8:27	63.1	57.1	
12-Feb-26	8:32	63.2	56.4	
12-Feb-26	8:37	62.4	56.6	
12-Feb-26	8:42	63.5	57.7	
12-Feb-26	8:47	63.2	56.3	
16-Feb-26	14:34	62.2	56.7	60.6
16-Feb-26	14:39	63.0	57.4	
16-Feb-26	14:44	62.6	57.4	
16-Feb-26	14:49	63.1	56.4	
16-Feb-26	14:54	63.3	56.6	
16-Feb-26	14:59	62.2	57.2	
21-Feb-26	8:25	62.9	57.0	61.0
21-Feb-26	8:30	63.4	55.9	
21-Feb-26	8:35	63.7	57.7	
21-Feb-26	8:40	63.2	57.2	
21-Feb-26	8:45	62.1	57.7	
21-Feb-26	8:50	63.8	56.0	
24-Feb-26	14:32	62.6	56.3	60.6
24-Feb-26	14:37	61.9	57.3	
24-Feb-26	14:42	63.3	56.1	
24-Feb-26	14:47	63.8	57.3	
24-Feb-26	14:52	63.4	56.8	
24-Feb-26	14:57	62.9	57.6	
02-Mar-26	8:30	63.2	55.9	61.2
02-Mar-26	8:35	62.0	57.7	
02-Mar-26	8:40	62.9	56.8	
02-Mar-26	8:45	62.0	56.7	
02-Mar-26	8:50	62.1	57.5	
02-Mar-26	8:55	63.1	57.1	
07-Mar-26	14:25	62.3	56.1	60.6
07-Mar-26	14:30	62.0	56.9	
07-Mar-26	14:35	63.8	56.7	
07-Mar-26	14:40	62.0	57.8	
07-Mar-26	14:45	63.6	56.2	
07-Mar-26	14:50	63.4	56.1	
13-Mar-26	8:32	63.6	56.7	60.6
13-Mar-26	8:37	63.0	55.9	
13-Mar-26	8:42	63.7	55.9	
13-Mar-26	8:47	63.0	56.6	
13-Mar-26	8:52	62.1	57.1	
13-Mar-26	8:57	63.0	57.1	
19-Mar-26	14:21	63.5	55.9	61.2
19-Mar-26	14:26	63.0	56.1	
19-Mar-26	14:31	62.2	56.6	
19-Mar-26	14:36	62.8	56.7	
19-Mar-26	14:41	63.4	56.4	
19-Mar-26	14:46	63.2	56.6	
25-Mar-26	8:31	62.8	57.0	60.6
25-Mar-26	8:36	62.9	56.0	
25-Mar-26	8:41	63.7	56.3	
25-Mar-26	8:46	63.3	57.5	
25-Mar-26	8:51	62.2	57.1	
25-Mar-26	8:56	63.6	56.4	

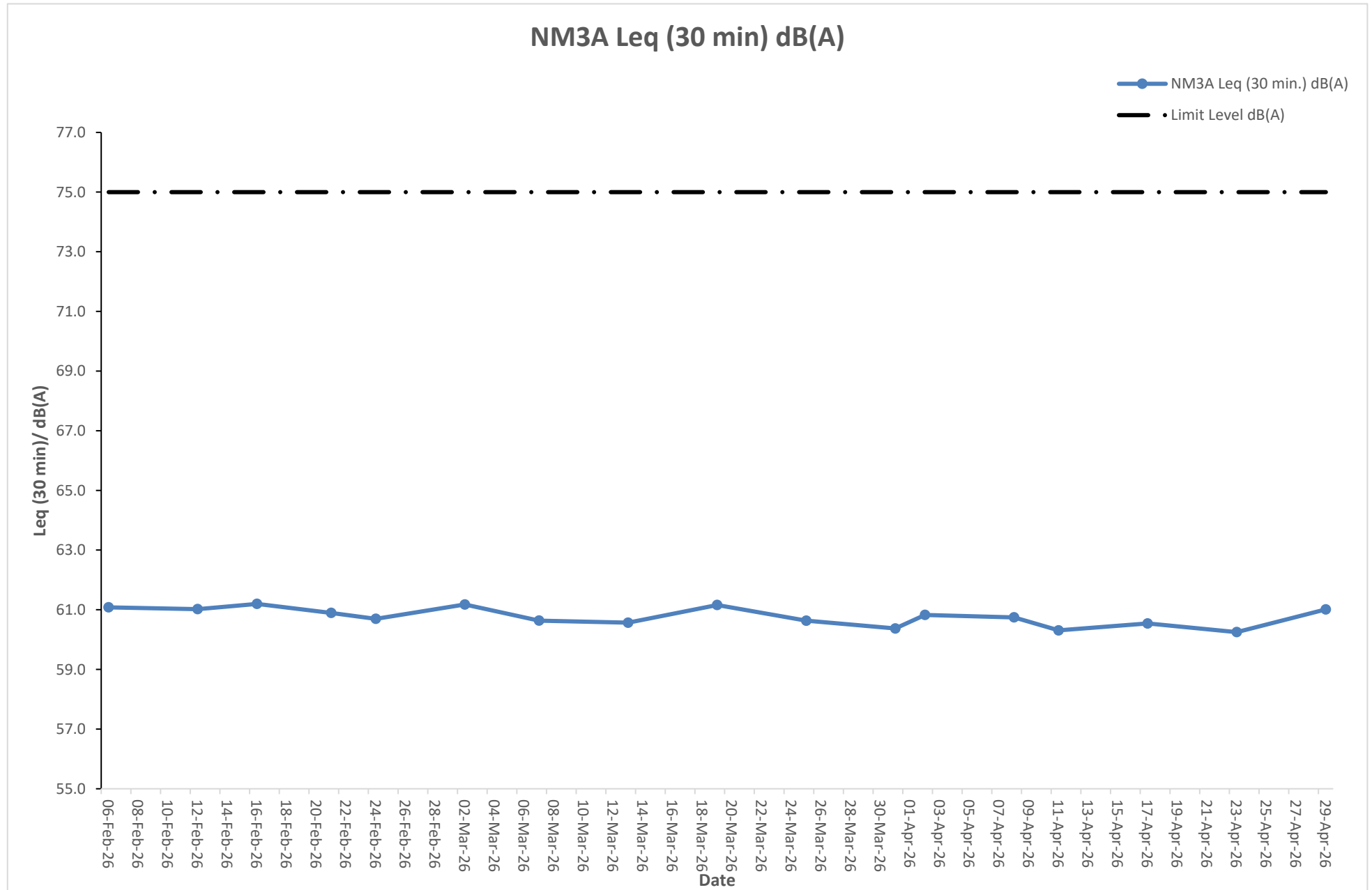
**Noise Monitoring Result at Station NM3A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
31-Mar-26	15:18	63.2	56.5	60.4
31-Mar-26	15:23	62.7	56.8	
31-Mar-26	15:28	61.9	57.6	
31-Mar-26	15:33	62.3	57.3	
31-Mar-26	15:38	62.0	57.4	
31-Mar-26	15:43	62.6	56.0	60.8
02-Apr-26	14:30	62.6	56.9	
02-Apr-26	14:35	63.7	56.2	
02-Apr-26	14:40	62.3	57.6	
02-Apr-26	14:45	63.6	57.2	
02-Apr-26	14:50	62.4	56.5	
02-Apr-26	14:55	62.4	56.7	60.7
08-Apr-26	8:22	63.4	56.2	
08-Apr-26	8:27	62.3	57.4	
08-Apr-26	8:32	63.1	57.2	
08-Apr-26	8:37	63.4	57.1	
08-Apr-26	8:42	62.8	57.4	
08-Apr-26	8:47	63.3	57.3	60.3
11-Apr-26	14:35	62.0	57.6	
11-Apr-26	14:40	62.6	57.7	
11-Apr-26	14:45	63.6	56.8	
11-Apr-26	14:50	63.1	56.7	
11-Apr-26	14:55	62.3	56.1	
11-Apr-26	15:00	62.1	56.6	60.5
17-Apr-26	8:18	63.8	57.7	
17-Apr-26	8:23	62.7	57.8	
17-Apr-26	8:28	62.2	57.3	
17-Apr-26	8:33	62.4	57.8	
17-Apr-26	8:38	63.4	56.2	
17-Apr-26	8:43	63.2	56.9	60.3
23-Apr-26	14:35	62.5	57.3	
23-Apr-26	14:40	63.2	56.4	
23-Apr-26	14:45	63.4	56.8	
23-Apr-26	14:50	63.8	57.4	
23-Apr-26	14:55	63.5	56.0	
23-Apr-26	15:00	63.4	56.4	61.0
29-Apr-26	9:20	63.5	56.4	
29-Apr-26	9:25	63.3	56.1	
29-Apr-26	9:30	62.3	57.7	
29-Apr-26	9:35	63.7	57.2	
29-Apr-26	9:40	62.7	57.3	
29-Apr-26	9:45	62.3	57.3	



The station set-up of a façade measurement at station NM3A.

# Graphical Presentation of Noise Monitoring Result at Station NM3A



**Noise Monitoring Result at Station NM4A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
06-Feb-26	16:37	59.4	56.0	58.3
06-Feb-26	16:42	59.4	56.4	
06-Feb-26	16:47	59.2	56.4	
06-Feb-26	16:52	60.4	55.8	
06-Feb-26	16:57	60.1	57.0	
06-Feb-26	17:02	60.3	56.4	
12-Feb-26	8:57	60.6	55.8	58.5
12-Feb-26	9:02	59.7	56.7	
12-Feb-26	9:07	60.3	57.0	
12-Feb-26	9:12	60.3	57.1	
12-Feb-26	9:17	59.2	56.1	
12-Feb-26	9:22	59.3	56.7	
16-Feb-26	16:39	59.5	56.5	58.5
16-Feb-26	16:44	59.4	56.4	
16-Feb-26	16:49	59.3	56.2	
16-Feb-26	16:54	59.4	55.9	
16-Feb-26	16:59	60.0	55.9	
16-Feb-26	17:04	60.1	56.0	
21-Feb-26	9:00	59.8	56.5	58.5
21-Feb-26	9:05	59.2	55.8	
21-Feb-26	9:10	59.4	56.1	
21-Feb-26	9:15	60.0	56.2	
21-Feb-26	9:20	60.5	56.3	
21-Feb-26	9:25	59.9	56.7	
24-Feb-26	16:37	60.5	56.8	58.6
24-Feb-26	16:42	60.4	56.6	
24-Feb-26	16:47	59.3	57.0	
24-Feb-26	16:52	60.4	56.7	
24-Feb-26	16:57	60.5	56.7	
24-Feb-26	17:02	59.8	55.7	
02-Mar-26	10:35	60.2	56.6	58.1
02-Mar-26	10:40	60.5	57.0	
02-Mar-26	10:45	59.5	56.8	
02-Mar-26	10:50	60.6	56.4	
02-Mar-26	10:55	59.4	56.0	
02-Mar-26	11:00	60.4	57.1	
07-Mar-26	15:00	60.0	56.5	58.4
07-Mar-26	15:05	59.7	56.7	
07-Mar-26	15:10	59.7	55.7	
07-Mar-26	15:15	59.8	57.1	
07-Mar-26	15:20	59.7	57.0	
07-Mar-26	15:25	59.7	57.0	
13-Mar-26	10:37	60.1	56.5	58.4
13-Mar-26	10:42	60.5	56.8	
13-Mar-26	10:47	59.2	56.4	
13-Mar-26	10:52	60.3	56.2	
13-Mar-26	10:57	60.3	56.4	
13-Mar-26	11:02	59.2	56.0	
19-Mar-26	14:56	59.9	57.1	58.3
19-Mar-26	15:01	59.9	56.3	
19-Mar-26	15:06	60.2	56.1	
19-Mar-26	15:11	60.0	55.8	
19-Mar-26	15:16	60.4	56.4	
19-Mar-26	15:21	59.2	55.8	
25-Mar-26	10:36	60.4	56.8	58.4
25-Mar-26	10:41	59.4	56.8	
25-Mar-26	10:46	59.7	55.8	
25-Mar-26	10:51	60.3	56.6	
25-Mar-26	10:56	60.1	55.7	
25-Mar-26	11:01	60.1	56.9	

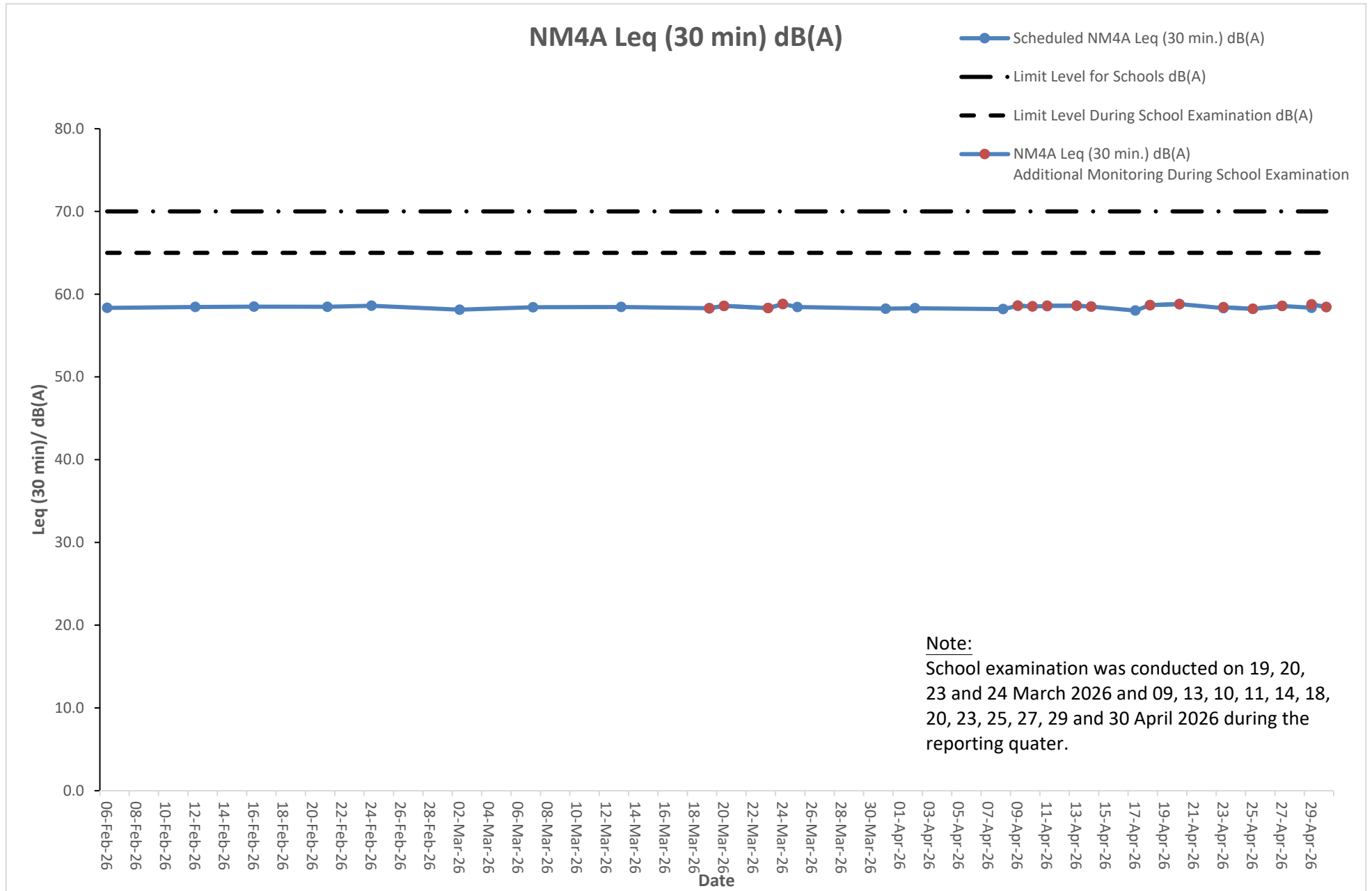
**Noise Monitoring Result at Station NM4A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)
31-Mar-26	15:53	60.1	56.2	58.2
31-Mar-26	15:58	59.6	56.5	
31-Mar-26	16:03	60.5	56.3	
31-Mar-26	16:08	60.1	56.6	
31-Mar-26	16:13	60.1	57.0	
31-Mar-26	16:18	59.3	56.1	58.3
02-Apr-26	16:35	60.5	56.6	
02-Apr-26	16:40	60.1	56.3	
02-Apr-26	16:45	59.3	56.4	
02-Apr-26	16:50	59.9	56.2	
02-Apr-26	16:55	59.3	57.1	58.2
02-Apr-26	17:00	60.3	56.3	
08-Apr-26	8:57	60.2	56.0	
08-Apr-26	9:02	59.8	56.1	
08-Apr-26	9:07	60.0	55.9	
08-Apr-26	9:12	59.9	55.7	58.6
08-Apr-26	9:17	60.2	55.8	
08-Apr-26	9:22	59.3	56.7	
11-Apr-26	16:40	60.6	56.7	
11-Apr-26	16:45	60.1	56.1	
11-Apr-26	16:50	60.2	56.1	58.0
11-Apr-26	16:55	60.4	56.7	
11-Apr-26	17:00	59.6	56.7	
11-Apr-26	17:05	59.6	56.6	
17-Apr-26	8:53	60.5	56.6	
17-Apr-26	8:58	59.8	56.3	58.3
17-Apr-26	9:03	59.2	56.2	
17-Apr-26	9:08	60.3	56.0	
17-Apr-26	9:13	60.1	56.7	
17-Apr-26	9:18	59.4	56.0	
23-Apr-26	16:40	60.4	56.7	58.4
23-Apr-26	16:45	59.4	56.0	
23-Apr-26	16:50	59.6	55.8	
23-Apr-26	16:55	60.5	56.6	
23-Apr-26	17:00	59.6	56.3	
23-Apr-26	17:05	59.6	56.9	58.4
29-Apr-26	9:55	59.8	56.7	
29-Apr-26	10:00	59.2	56.4	
29-Apr-26	10:05	60.4	55.8	
29-Apr-26	10:10	59.6	56.4	
29-Apr-26	10:15	60.4	56.7	58.4
29-Apr-26	10:20	59.4	56.3	



The station set-up of a façade measurement at station NM4A.

# Graphical Presentation of Noise Monitoring Result at Station NM4A



**Noise Monitoring Result at Station NM5A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)	Leq (30 min.) +3 dB(A)
06-Feb-26	13:52	61.6	57.7	60.5	63.5
06-Feb-26	13:57	62.1	57.4		
06-Feb-26	14:02	62.0	59.3		
06-Feb-26	14:07	62.4	58.5		
06-Feb-26	14:12	61.4	59.3		
06-Feb-26	14:17	62.3	59.2	60.4	63.4
12-Feb-26	7:41	61.4	59.2		
12-Feb-26	7:46	62.2	59.2		
12-Feb-26	7:51	61.5	57.4		
12-Feb-26	7:56	61.7	58.9		
12-Feb-26	8:01	61.9	58.6	60.7	63.7
12-Feb-26	8:06	62.8	58.3		
16-Feb-26	13:54	62.1	57.6		
16-Feb-26	13:59	62.8	58.1		
16-Feb-26	14:04	61.5	59.2		
16-Feb-26	14:09	62.7	57.7	60.8	63.8
16-Feb-26	14:14	62.7	58.6		
16-Feb-26	14:19	61.9	57.8		
21-Feb-26	7:47	62.6	58.3		
21-Feb-26	7:52	62.7	58.9		
21-Feb-26	7:57	62.2	58.3	60.6	63.6
21-Feb-26	8:02	62.3	58.1		
21-Feb-26	8:07	62.0	58.1		
21-Feb-26	8:12	62.8	58.1		
24-Feb-26	13:52	62.8	58.6		
24-Feb-26	13:57	62.8	58.8		
24-Feb-26	14:02	62.5	58.7		
24-Feb-26	14:07	61.5	59.2		
24-Feb-26	14:12	61.7	58.0		
24-Feb-26	14:17	62.7	59.2	60.4	63.4
02-Mar-26	7:50	62.4	57.8		
02-Mar-26	7:55	62.3	58.5		
02-Mar-26	8:00	61.8	57.9		
02-Mar-26	8:05	62.2	57.4		
02-Mar-26	8:10	62.1	57.7	60.6	63.6
02-Mar-26	8:15	62.7	57.7		
07-Mar-26	13:44	61.6	57.4		
07-Mar-26	13:49	61.4	58.9		
07-Mar-26	13:54	62.1	57.6		
07-Mar-26	13:59	62.6	57.8	60.6	63.6
07-Mar-26	14:04	62.2	58.1		
07-Mar-26	14:09	61.6	58.6		
13-Mar-26	7:52	62.5	58.4		
13-Mar-26	7:57	61.5	59.2		
13-Mar-26	8:02	62.2	58.0		
13-Mar-26	8:07	62.8	58.0		
13-Mar-26	8:12	62.5	58.1		
13-Mar-26	8:17	62.1	59.1		
19-Mar-26	13:43	62.2	57.9	60.6	63.6
19-Mar-26	13:48	61.6	58.4		
19-Mar-26	13:53	62.5	57.8		
19-Mar-26	13:58	62.3	58.9		
19-Mar-26	14:03	62.7	57.4		
19-Mar-26	14:08	62.0	58.0	60.5	63.5
25-Mar-26	7:51	62.5	58.2		
25-Mar-26	7:56	61.8	58.8		
25-Mar-26	8:01	62.1	57.6		
25-Mar-26	8:06	62.2	58.7		
25-Mar-26	8:11	61.8	59.1		
25-Mar-26	8:16	61.6	58.9		

**Noise Monitoring Result at Station NM5A**

Date	Time	Measured L10 dB(A)	Measured L90 dB(A)	Leq (30 min.) dB(A)	Leq (30 min.) +3 dB(A)
31-Mar-26	14:40	62.3	57.4	60.7	63.7
31-Mar-26	14:45	61.8	58.6		
31-Mar-26	14:50	62.8	57.8		
31-Mar-26	14:55	62.2	57.5		
31-Mar-26	15:00	62.6	58.5		
31-Mar-26	15:05	61.5	58.3	60.4	63.4
02-Apr-26	13:50	61.6	58.7		
02-Apr-26	13:55	62.0	58.2		
02-Apr-26	14:00	61.4	59.1		
02-Apr-26	14:05	62.1	57.9		
02-Apr-26	14:10	61.5	57.9	60.1	63.1
02-Apr-26	14:15	61.4	58.8		
08-Apr-26	7:41	61.5	58.7		
08-Apr-26	7:46	61.4	58.9		
08-Apr-26	7:51	61.6	58.4		
08-Apr-26	7:56	61.6	58.8	60.2	63.2
08-Apr-26	8:01	62.6	58.5		
08-Apr-26	8:06	61.6	58.0		
11-Apr-26	13:55	62.8	57.4		
11-Apr-26	14:00	61.8	57.6		
11-Apr-26	14:05	62.1	57.8	60.5	63.5
11-Apr-26	14:10	62.0	57.7		
11-Apr-26	14:15	61.4	57.9		
11-Apr-26	14:20	62.4	57.4		
17-Apr-26	7:40	61.4	57.8		
17-Apr-26	7:45	62.3	58.2	60.3	63.3
17-Apr-26	7:50	62.1	58.5		
17-Apr-26	7:55	62.5	59.3		
17-Apr-26	8:00	62.5	58.0		
17-Apr-26	8:05	61.6	58.8		
23-Apr-26	13:55	62.1	58.1	60.7	63.7
23-Apr-26	14:00	61.6	57.6		
23-Apr-26	14:05	61.8	59.1		
23-Apr-26	14:10	61.8	57.7		
23-Apr-26	14:15	61.7	58.9		
23-Apr-26	14:20	61.5	59.3		
29-Apr-26	8:42	61.4	57.4	60.7	63.7
29-Apr-26	8:47	61.6	58.8		
29-Apr-26	8:52	62.5	58.9		
29-Apr-26	8:57	61.7	59.1		
29-Apr-26	9:02	62.7	58.7		
29-Apr-26	9:07	62.2	59.0		

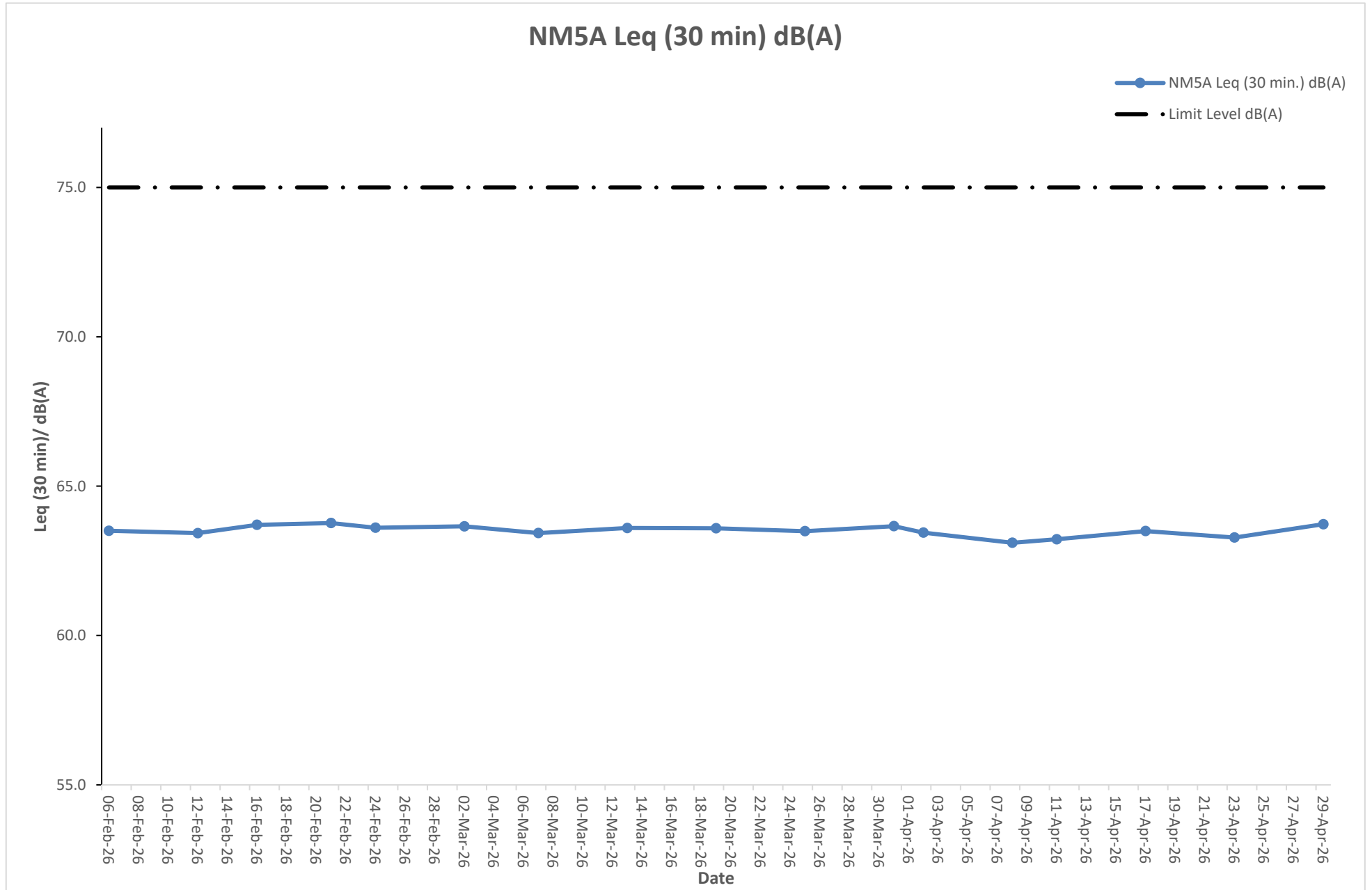
**Remarks:**

+3dB(A) correction was applied to free-field measurement.



The station set-up of a free-field measurement at station NM5A.

# Graphical Presentation of Noise Monitoring Result at Station NM5A



## F. Waste Flow table

**Table I-1: Monthly Waste Flow Table for Zones 2A, 2B & 2C**

Month	Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Materials Generated Monthly					
	Total Quantity Generated	Hard Rocks and Large Broken	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Disposed to Sorting Facility	Imported Fill	Metals	Paper/ Cardboard Packaging	Plastics	Wood/ Timber	Chemical Waste	Others, e.g. General Refuse
	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)	(in tonnes)
<b>2024</b>													
Jul	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sep	131.67	0.00	0.00	0.00	131.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.24
Oct	241.28	0.00	0.00	0.00	231.10	10.18	0.00	0.00	0.00	0.00	0.00	0.00	3.95
Nov	5383.52	0.00	0.00	4340.40	1043.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.23
Dec	5757.15	0.00	0.00	3082.05	2675.10	0.00	0.00	151.49	0.00	0.00	0.00	0.80	38.92
Sub-total (2024)	11513.62	0.00	0.00	7422.45	4080.99	10.18	0.00	151.49	0.00	0.00	0.00	0.80	214.34
<b>2025</b>													
Jan	4500.55	0.00	0.00	2090.69	2391.44	18.42	0.00	147.67	0.00	0.00	0.00	0.00	29.39
Feb	2785.60	0.00	0.00	0.00	2785.60	0.00	0.00	91.33	0.00	0.00	0.00	0.00	21.33
Mar	3263.24	0.00	0.00	0.00	3263.24	0.00	0.00	4.70	0.00	0.00	0.00	0.00	20.17
Apr	3696.49	0.00	0.00	0.00	3689.80	6.69	0.00	8.86	0.00	0.00	0.00	0.40	71.98
May	5148.11	0.00	0.00	155.70	4992.41	0.00	0.00	6.09	0.00	0.00	0.00	0.00	37.06
Jun	9607.19	0.00	0.00	2846.65	6760.54	0.00	0.00	3.87	0.00	0.00	0.00	0.00	28.58
Jul	13836.49	0.00	0.00	3799.18	10037.31	0.00	0.00	4.19	0.00	0.00	0.00	0.00	84.85
Aug	16769.40	0.00	0.00	1935.66	14833.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.59
Sep	16533.90	0.00	0.00	4231.18	12302.72	0.00	0.00	46.33	0.00	0.00	0.00	0.00	70.92
Oct	25286.05	0.00	0.00	12356.51	12929.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.72
Nov	26898.87	0.00	0.00	12312.60	14558.72	27.55	0.00	154.33	0.00	0.00	0.00	0.00	17.15
Dec	29184.17	0.00	0.00	12258.93	16864.40	60.84	0.00	62.95	0.00	0.00	0.00	0.00	32.55
Sub-total	157510.06	0.00	0.00	51987.10	105409.46	113.50	0.00	530.32	0.00	0.00	0.00	0.40	494.29
<b>2026</b>													
Jan	42458.10	0.00	0.00	4986.25	37423.56	48.29	0.00	0.00	0.00	0.00	0.00	1.40	262.24
Feb	12783.36	0.00	0.00	3467.05	9282.74	33.57	0.00	0.00	0.00	0.00	0.00	1.40	45.23
Mar	39441.64	0.00	0.00	13298.43	26000.83	142.38	0.00	0.00	0.00	0.00	0.00	0.00	69.95
Apr	58114.35	0.00	0.00	44443.93	13568.65	101.77	0.00	0.00	0.00	0.00	0.00	0.00	44.87
May	0.00												
Jun	0.00												
Jul	0.00												
Aug	0.00												
Sep	0.00												
Oct	0.00												
Nov	0.00												
Dec	0.00												
Sub-total	152797.45	0.00	0.00	66195.66	86275.78	326.01	0.00	0.00	0.00	0.00	0.00	2.80	422.29
<b>Total</b>	<b>321821.13</b>	<b>0.00</b>	<b>0.00</b>	<b>125605.21</b>	<b>195766.23</b>	<b>449.69</b>	<b>0.00</b>	<b>681.81</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.00</b>	<b>1130.92</b>

Note:

- 48852.22 tonnes and 0.00 tonnes of inert C&D material were disposed of as public fill to Tseung Kwan O Area 137 Public Fill and Tuen Mun Area 38 Public Fill respectively in the reporting quarter.
- 13 cargos among 29 Jul 25 and 02 Aug 25 are recorded by the weight measurement device on dump truck due to malfunction of TKO137's weightbridge.
- Disposal Record to Public Landfill and Fill Bank between 26 Apr 26 to 30 Apr 26 would be supplemented in coming reporting period.

## **G. Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions**

Cumulative statistics for complaints, notifications of summons and successful prosecutions for the Project account for period starting from the date of commencement of construction works (i.e. 05 July 2024 for Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095)) to the end of the reporting quarter and are summarized in the **Table G-1** below.

**Table G-1: Statistics for complaints, notifications of summons and successful prosecutions for Zones 2A, 2B & 2C (Contract No.: CC/2023/2B/095)**

Reporting Period	Cumulative Statistics		
	Complaints	Notifications of summons	Successful prosecutions
This reporting quarter (Feb – Apr 26)	2	0	0
From 05 July 2024 to end of the reporting quarter	7	0	0