

Date: 25 March 2025

Your ref:

Our ref: PL-202503061

AECOM Asia Company Limited
12/F, Grand Central Plaza, Tower 2,
138 Shatin Rural Committee Road,
Shatin, New Territories, Hong Kong

Attn.: Ms. Mavis Law, SRE

Dear Ms. Law,

Re: Agreement No. EDO 6/2019

**Independent Environmental Checker for Contract No. ED/2018/05 Kai Tak Development –
Stage 5B Infrastructure Works at the Former North Apron Area
Verification of Quarterly EM&A Summary Report (August to October 2024)**

Reference is made to the Quarterly EM&A Summary Report (August to October 2024) (Version 1.1) submitted by the Environmental Team on 25 March 2025.

Please be informed that we have no adverse comment on the captioned submission.

Thank you for your attention.

Yours sincerely,

For and on behalf of

Acuity Sustainability Consulting Limited



Kevin Li

Independent Environmental Checker

c.c. CEDD
Ka Shing

Attn.: Mr. Michael So
Attn.: Mr. Chan Pang (ETL)

By email
By email

**Quarterly Environmental Monitoring and Audit
Summary Report (August 2024 – October 2024)
for
Contract No. ED/2018/05 –
Kai Tak Development – Stage 5B Infrastructure
Works at the Former North Apron Area**

Contract No.: EDO 2/2020

(Version 1.1)

Certified By: _____

(Environmental Team Leader)

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EXECUTIVE SUMMARY

1. This is the 16th Quarterly Environmental Monitoring & Audit (EM&A) Summary Report which summaries the findings of the EM&A Programme during the reporting period from 1 August 2024 to 31 October 2024 (the “reporting period”).

Breaches of Action and Limit Levels

2. 1-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
3. 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
4. Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

Complaint log

5. No complaint was received in the reporting period.

Notifications of Summons and Successful Prosecutions

6. No notification of summons and successful prosecutions was received in the reporting period.

Report changes

7. There was no reporting change in the reporting period.

Major construction works in the reporting period

8. Major construction activities undertake during the reporting period included:

Table I Major construction activities in the reporting period

August 2024	September 2024	October 2024
- Construction of LW-02 structural steel roof - Construction of parapet for S14 - Floor screeding works at deck level of LW-02 - Construction of bridge deck of S14 - Construction of stormwater drainage manhole and pipes at LW-02 - Drainage construction and backfilling works for retaining wall of S14 - Construction of public lighting at LW-02 - Drainage construction works at PS2 - Construction of headwall at Subway SB-01 Retrieval Shaft - Installation of floor tiles inside Subway SB-01 - Road and drain construction works for Road L16, Road L9 and Road D1	- Construction of LW-02 structural steel roof - Construction of bridge deck of S14 - Floor screeding works at deck level of LW-02 - Drainage construction and backfilling works for retaining wall of S14 - Installation of glazing plane on diagrid frame at LW-02 - Drainage construction works at PS2 - Construction of headwall at Subway SB-01 Retrieval Shaft - Construction of hoarding at CDR - Installation of floor tiles inside Subway SB-01 - Road and drain construction works for Road L16, Road L9 and Road D1 - Construction works for DCS	- Construction of LW02 structural steel roof - Construction of bridge deck of S14 - Floor screeding works at deck level at LW02 - Drainage Construction and Backfilling for Retaining wall of S14 - Installation of glazing plane on diagrid frame at LW02 - Demolition of existing parapet of K73 - Tiling works at LW02 - SB01 Sa Po Rd Retrieval Shaft Headwall RC construction - Lift installation at LW-02 and KS10 - SB01 Subway Floor Tile Installation - Installation of glass panel and aluminum panels of LW02 - Installation of VE-Panel at Pedestrian Subway SB01

August 2024	September 2024	October 2024
- Construction works for DCS - Renovation works for Subway KS10 Lift and Staircase - Renovation works for existing subway KS10 - Installation of glass glazing for Subway KS10 Lift - Installation of louvre for Subway KS10 Lift	- Renovation works for Subway KS10 Lift and Staircase - Renovation works for existing subway KS10 - Installation of glass glazing for Subway KS10 Lift - Installation of louvre for Subway KS10 Lift - Construction of parapet for S14	- Installation of glass balustrade at LW02 - Road and Drain Construction works for Road L16, L9 and Road D1 - Lift installation at LW02 and KS10 - Construction works for DCS (Ch10-79, Ch70-90, Ch90-130, Ch130-150) - San Po Kong Junction Enhancement (TY3) - Construction of Hoarding at CDR - Renovation works for Subway KS10 Lift and Staircase - Renovation works for existing subway KS10 - Construction of Parapet for S14

1. INTRODUCTION

Project Background

- 1.1 The Kai Tak Development (KTD) is located in the southern part of Kowloon Peninsula of the HKSAR, comprising the apron and runway areas of the former Kai Tak Airport and existing waterfront areas at To Kwa Wan, Ma Tau Kok, Kowloon Bay, Kwun Tong and Cha Kwo Ling.
- 1.2 Contract No. ED/2018/05 - Kai Tak Development – stage 5B infrastructure works at the former north apron area (The Project), comprises mainly the design and construction of a section of dual two-lane Road D1; single two-lane Road L9 and Road L16; a single-lane slip road S14; a pedestrian subway SB-01; an elevated walkway LW-02; renovation of the existing pedestrian subways KS9, KS10 and KS32, as well as modification of the southern end of the existing pedestrian subway KS10; associated footpaths, street lighting, traffic aids, drainage, sewerage, water mains, landscaping, electrical and mechanical works, and ancillary works. The proposed works are shown in Figure 1 and Figure 2. The proposed works and site boundary are shown in Figure 3 and Figure 4. Civil Engineering and Development Department (CEDD) had completed an Environmental Impact Assessment (EIA) and is the Permit Holder.
- 1.3 In accordance with the approved EIA Reports, Environmental Monitoring and Audit (EM&A) programmes are recommended to ensure compliance with the EIA study recommendations. The project proponent was the Civil Engineering and Development Department (CEDD). AECOM Asia Co. Ltd. (AECOM) was commissioned by CEDD as Supervisor (act as Engineers' Representative (ER) listed in EM&A Manual). Acuity Sustainability Consulting Limited (Acuity) was commissioned as the Independent Environmental Checker (IEC). Build King – STEC Joint Venture (Build King) was appointed as the main Contractor for the construction works of Contract No. ED/2018/05. Ka Shing was commissioned by CEDD to undertake the role of the Environmental Team (ET) to implement the EM&A programme for The Project.
- 1.4 The construction work under ED/2018/05 comprises the EM&A Manual (EIA Register No. AEIAR-130/2009 for Kai Tak Development) and Environmental Permit No. EP- 337/2009.
- 1.5 Air quality and noise monitoring has been proposed in the EM&A Manual with EIA Register No. AEIAR-130/2009 for Kai Tak Development.

Project Organization

1.6 The project organization chart and emergency team and with respect to the EM&A programme is shown in Appendix A. Information of key personnel contact names and telephone numbers are summarized in Table 1.1.

Table 1.1 Contact information of key personnel

Party	Role	Contact Person	Position	Phone No.	E-mail
Civil Engineering and Development Department (CEDD)	Project Proponent	Mr. Stephen Lo	Permit Holder	3579 2470	cclo@cedd.gov.hk
AECOM Asia Co. Ltd. (AECOM)	Supervisor (act as Engineers' Representative (ER) listed in EM&A Manual)	Mr. Vincent Lee	Supervisor's Delegate	2798 0771	sre2@ktd-stage5.com
Acuity Sustainability Consulting Limited (Acuity)	Independent Environmental Checker (IEC)	Mr. Kevin Li	IEC	9779 2247	kevin.li@aurecogroup.com
Ka Shing Management Consultant Limited (Ka Shing)	Environmental Team (ET)	Mr. Pang Chan	ET Leader	6082 2973	stage5b@ka-shing.net
Build King – STEC Joint Venture (BK-STEC)	Contractor	Mr. Rex Lau	Contractor's Representative	6282 5154	rex.lau@buildking.hk

Works Area and Construction Programme

1.7 The construction works commenced on 16 February 2021. The construction programme of the Project is given in Appendix B.

Construction works undertaken during reporting period

1.8 Major construction works of the Project in the reporting period are summarized in Table 1.2:

Table 1.2 Major construction activities in the reporting period

August 2024	September 2024	October 2024
- Construction of LW-02 structural steel roof - Construction of parapet for S14 - Floor screeding works at deck level of LW-02 - Construction of bridge deck of S14 - Construction of stormwater drainage manhole and pipes at LW-02 - Drainage construction and backfilling works for retaining wall of S14 - Construction of public lighting at LW-02 - Drainage construction works at PS2 - Construction of headwall at Subway SB-01 Retrieval Shaft - Installation of floor tiles inside Subway SB-01 - Road and drain construction works for Road L16, Road L9 and Road D1	- Construction of LW-02 structural steel roof - Construction of bridge deck of S14 - Floor screeding works at deck level of LW-02 - Drainage construction and backfilling works for retaining wall of S14 - Installation of glazing plane on diagrid frame at LW-02 - Drainage construction works at PS2 - Construction of headwall at Subway SB-01 Retrieval Shaft - Construction of hoarding at CDR - Installation of floor tiles inside Subway SB-01 - Road and drain construction works for Road L16, Road L9 and Road D1 - Construction works for DCS	- Construction of LW02 structural steel roof - Construction of bridge deck of S14 - Floor screeding works at deck level at LW02 - Drainage Construction and Backfilling for Retaining wall of S14 - Installation of glazing plane on diagrid frame at LW02 - Demolition of existing parapet of K73 - Tiling works at LW02 - SB01 Sa Po Rd Retrieval Shaft Headwall RC construction - Lift installation at LW-02 and KS10 - SB01 Subway Floor Tile Installation - Installation of glass panel and aluminum panels of LW02 - Installation of VE-Panel at Pedestrian Subway SB01

August 2024	September 2024	October 2024
- Construction works for DCS - Renovation works for Subway KS10 Lift and Staircase - Renovation works for existing subway KS10 - Installation of glass glazing for Subway KS10 Lift - Installation of louvre for Subway KS10 Lift	- Renovation works for Subway KS10 Lift and Staircase - Renovation works for existing subway KS10 - Installation of glass glazing for Subway KS10 Lift - Installation of louvre for Subway KS10 Lift - Construction of parapet for S14	- Installation of glass balustrade at LW02 - Road and Drain Construction works for Road L16, L9 and Road D1 - Lift installation at LW02 and KS10 - Construction works for DCS (Ch10-79, Ch70-90, Ch90-130, Ch130-150) - San Po Kong Junction Enhancement (TY3) - Construction of Hoarding at CDR - Renovation works for Subway KS10 Lift and Staircase - Renovation works for existing subway KS10 - Construction of Parapet for S14

2. SUMMARY OF EM&A REQUIREMENTS AND MONITORING RESULTS

Monitoring Requirements

2.1 In accordance with EM&A Manual (EIA Register Nos. AEIAR-130/2009), impact air quality monitoring and impact noise monitoring shall be carried out during the construction phase of the Project.

Air Quality Monitoring Locations

2.2 Two designated monitoring stations were selected for air quality monitoring programme. Impact air quality monitoring was conducted at two air quality monitoring stations in the reporting period. Table 2.1 describes the air quality monitoring locations, which are also depicted in Figure 5.

Table 2.1 Locations of air quality monitoring stations

Air Quality Monitoring Locations for the Project	Location of Measurement
AM2(A) – Ng Wah Catholic Secondary School	Rooftop
AM3 – Sky Tower	Podium floor near T7

Air Quality Monitoring Parameters, Frequency and Duration

2.3 The air quality monitoring locations and monitoring frequency are listed in Table 2.2.

Table 2.2 Air quality monitoring parameters, frequency and duration

Air Monitoring Station	Location for Measurement	Parameter	Duration	Frequency
AM2(A) – Ng Wah Catholic Secondary School	Rooftop	- 24-hour average TSP	- 24 hours	- Once every 6 days
AM3 – Sky Tower	Podium floor near T7	- 1-hour average TSP	- 1 hour	- Three times every 6 days

Air Quality Monitoring Equipment

2.4 24-hour average TSP and 1-hour average TSP levels were measured for impact monitoring. 24-hour average TSP levels were measured by the High Volume Samplers (HVS) and 1-hour average TSP levels were measured by direct reading method to indicate short-term impacts. Wind data monitoring equipment was set up at conspicuous locations for logging wind speed and wind direction near to the dust monitoring locations. Table 2.3 summarizes the equipment to be used in the air quality monitoring.

Table 2.3 Air Quality Monitoring Equipment

Equipment	Model	Quantity	Calibration Interval
HVS Sampler	TE-5170 X c/w of TSP sampling inlet	2	2 months
HVS Calibrator	TISCH TE-5025A	1	1 year
1-hour TSP Dust Meter	TSI Model AM510 SidePak Personal Aerosol Monitor	2	1 year
Weather Station	Davis Vantage Pro2 Weather Station	1	6 months

2.5 High volume samplers (HVS) (TE-5170 X c/w of TSP sampling inlet) comprising with appropriate sampling inlets were employed for 24-hour TSP monitoring. The sampler was composed of a motor, a filter holder, a flow controller and a sampling inlet and its performance specification complied with that required by USEPA Standard Title 40, Code of Federation Regulations Chapter 1 (Part 50).

Air Quality Monitoring Methodology and QA/QC Procedure

24-hour TSP Monitoring

Operating/Analytical Procedures

2.6 Setup criteria of HVS are shown as follows:

- A horizontal platform with appropriate support to secure the samplers against gusty wind was provided.
- No two samplers were placed less than 2m apart.
- The distance between the sampler and an obstacle, such as buildings, was at least twice the height that the obstacle protrudes above the sampler.
- A minimum of 2m of separation from walls, parapets and penthouses was set for the rooftop

samples.

- A minimum of 2m separation from any supporting structure, measured horizontally was set.
- No furnaces or incineration flues was nearby.
- Airflow around the sampler was unrestricted.
- Any wire fence and gate, to protect the samplers, was not caused any obstruction during monitoring.
- Permission were obtained to setup the samplers and to obtain access to the monitoring stations.
- A secured supply of electricity was provided to operate the samplers.

2.7 Prior to the commencement of the dust sampling, the flow rate of the HVS was properly set (between 1.1 m³/min. and 1.7 m³/min.) in accordance with the manufacturer's instruction to within the range recommended in USEPA Standard Title 40, CFR Part 50.

2.8 For TSP sampling, Glass Fiber Filter Media 8" x 10" have a collection efficiency of > 99 % for particles of 0.3 µm diameter were used.

2.9 The power supply was checked to ensure the sampler worked properly and then placed any filter media at the designated air monitoring station.

2.10 The filter holding frame was removed by loosening the four nuts and a weighted and conditioned filter was carefully centered with the stamped number upwards, on a supporting screen.

2.11 The filter was aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter. Then the filter holding frame was tightened to the filter holder with swing bolts. The applied pressure was sufficient to avoid air leakage at the edges.

2.12 The shelter lid was closed and secured with the aluminium strip.

2.13 The timer was programmed. Information was recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper can be found out by using the filter number).

2.14 After sampling, the filter was removed from the HVS and put into a clean and labeled seal plastic bag to avoid cross contamination. The elapsed time was also be recorded. The sampled filters were sent to the HOKLAS accredited or other internationally accredited laboratory for weighting.

Maintenance/Calibration

2.15 The following maintenance/calibration are required for the HVS:

- The HVS and their accessories were properly maintained. Appropriate maintenance such as routine motor brushes replacement and electrical wiring checking were made to ensure that the equipment and necessary power supply are in good working condition.
- High volume samplers were calibrated with at bi-monthly intervals using TE-5025A Calibration Kit throughout all stages of the air quality monitoring.

1-hour TSP Monitoring

Measurement Procedures

2.16 The measurement procedures of the 1-hour TSP were conducted in accordance with the Manufacturer's Instruction Manual as follows:

- Set up the dust meter on a tripod at 1.2m level.
- Turned on the dust meter and check the battery, if too low, change new ones. Pointed the meter to the source area or the planned measurement area.
- The zero calibration of the instrument was conducted before and after each sampling.
- TSP levels were recorded for 1-hour with 5-minute data logging interval.
- Recorded down the general meteorological conditions, Test ID no., start/end time, spot check reading at each sampling location for data processing.
- Recorded any activities that may generate dust during measurement period.

Maintenance/Calibration

2.17 The following maintenance/calibration are required for the direct dust meters:

- To validity the accuracy of dust meter, compare the results measured by dust meter and HVS by direct reading method every 12 months throughout all stages of the air quality monitoring.

Wind Data Monitoring

2.18 Wind Anemometer was installed at the roof-top of AM2(A) – Ng Wah Catholic Secondary

School with 10m above ground and clear of constructions or turbulence caused by the buildings to record wind speed and wind direction.

2.19 Details of weather information during the monitoring period are shown in Appendix C.

Impact Air Quality Action and Limit Levels

2.20 The Action and Limit Levels of 24-hour average TSP and 1-hour average TSP are summarized in Table 2.4 and Table 2.5 respectively.

Table 2.4 Action and Limit Levels of 24-hour average TSP for construction dust monitoring

Parameter	Air Monitoring Station	Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
24-hour average TSP	AM2(A)	175	260
	AM3	172	260

Table 2.5 Action and Limit Levels of 1-hour average TSP for construction dust monitoring

Parameter	Air Monitoring Station	Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
1-hour average TSP	AM2(A)	302	500
	AM3	301	500

Impact Air Quality Monitoring results

2.21 Impact monitoring results for 24-hour average TSP and 1-hour average TSP levels at the designed air quality monitoring stations are summarized in Table 2.6 and Table 2.7 respectively.

Table 2.6 Summary of 24-hour average TSP monitoring data during the reporting period

Air Monitoring Station	August 2024		September 2024		October 2024		Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
	24-hr Average TSP Concentration, $\mu\text{g}/\text{m}^3$	Range, $\mu\text{g}/\text{m}^3$	24-hr Average TSP Concentration, $\mu\text{g}/\text{m}^3$	Range, $\mu\text{g}/\text{m}^3$	24-hr Average TSP Concentration, $\mu\text{g}/\text{m}^3$	Range, $\mu\text{g}/\text{m}^3$		
AM2(A)	40	30-71	46	25-63	36	27-52	175	260

Air Monitoring Station	August 2024		September 2024		October 2024		Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
	24-hr Average TSP Concentration, $\mu\text{g}/\text{m}^3$	Range, $\mu\text{g}/\text{m}^3$	24-hr Average TSP Concentration, $\mu\text{g}/\text{m}^3$	Range, $\mu\text{g}/\text{m}^3$	24-hr Average TSP Concentration, $\mu\text{g}/\text{m}^3$	Range, $\mu\text{g}/\text{m}^3$		
AM3	50	40-62	56	33-86	67	52-79	172	260

Table 2.7 Summary of 1-hour average TSP monitoring data during the reporting period

Air Monitoring Station	August 2024		September 2024		October 2024		Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
	1-hr Average TSP Concentration, $\mu\text{g}/\text{m}^3$	Range, $\mu\text{g}/\text{m}^3$	1-hr Average TSP Concentration, $\mu\text{g}/\text{m}^3$	Range, $\mu\text{g}/\text{m}^3$	1-hr Average TSP Concentration, $\mu\text{g}/\text{m}^3$	Range, $\mu\text{g}/\text{m}^3$		
AM2(A)	50	42 – 65	51	29 – 75	47	33-59	302	500
AM3	45	31 – 64	57	31 – 92	64	44-78	301	500

2.22 There was no Action and Limit Level exceedance of 24-hour average TSP and 1-hour average TSP levels recorded during the reporting period.

2.23 Graphical presentation and detailed monitoring results of 24-hour average TSP and 1-hour average TSP levels are shown in Appendix D.

2.24 The Event and Action Plan is provided in Appendix E.

2.25 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

2.26 Impact air quality monitoring was conducted on specific dates in reporting period. The monitoring dates were 3, 9, 15, 21 and 27 August 2024; 2, 7, 13, 19, 25 and 30 September 2024; and 5, 10, 16, 22 and 28 October 2024. Each of these dates corresponds to the reporting month in which they fall.

Noise Monitoring Locations

2.27 Two designated monitoring stations were selected for noise monitoring programme. Impact noise monitoring was conducted at two noise monitoring stations in the reporting period. Table 2.8 describes the noise monitoring locations, which are also depicted in Figure 6.

Table 2.8 Locations of noise monitoring stations

Noise Monitoring Locations for the Project	Location of Measurement
M4(A) – Le Billionnaire	Podium (Façade)
M5(A) – Prince Ritz	Podium (Façade)

Noise Monitoring Parameters, Frequency and Duration

2.28 The noise monitoring locations and monitoring frequency are listed in Table 2.9.

Table 2.9 Noise monitoring parameters, frequency and duration

Noise Monitoring Station	Location for Measurement	Parameter	Frequency and Duration
M4(A) – Le Billionnaire	Podium (Façade)	L _{Aeq} , L _{A10} and L _{A90}	30 - minutes measurement at each monitoring station between 0700 – 1900 hrs on normal weekdays (Monday to Saturday) at frequency of once per week.
M5(A) – Prince Ritz	Podium (Façade)		

Noise Monitoring Equipment

2.29 As referred to in the Technical Memorandum (TM) issued under the Noise Control Ordinance (NCO), sound level meters in compliance with the IEC 61672-1 (Type 1) standard [this standard replaced the International Electrotechnical Commission Publications 60651:1979 (Type 1) and 60804:1985 (Type 1)] were used for noise monitoring. Table 2.10 summarizes the equipment to be used in the noise monitoring.

Table 2.10 Noise Monitoring Equipment

Equipment	Model	Quantity	Calibration Interval
Sound Level Meter	RION NL52	1	1 year
Sound Level Calibrator	RION NC 74	1	1 year
Air Flowmeter	TSI TA440 Air Velocity	1	1 year

Monitoring Methodology and QA/QC Procedure

- 2.30 The noise level measurement was conducted at 1m from the exterior of the nearby noise sensitive receivers building façade and at 1.2m above the ground and facing to the source area or the planned measurement area.
- 2.31 No noise measurement was conducted in the presence of fog, rain, wind with a steady speed exceeding 5 m/s or wind with gusts exceeding 10 m/s. Air flow was measured by air flow meter.
- 2.32 Turned on the sound level meter and check the battery, if too low, change new ones.
- 2.33 Calibration was conducted immediately prior to and after each noise measurement, the accuracy of the sound level meters was checked by using sound calibrator generating 1,000 Hz with 94dB. Measurement data was found to be valid only if the calibration levels from before and after the noise measurement agreed to within 1.0 dB.
- 2.34 Noise level was recorded.
- 2.35 Recorded any activities that may generate noise during measurement period.

Maintenance and Calibration

- 2.36 The microphone head of the sound level meter and calibrator was cleaned with a soft cloth at quarterly intervals.
- 2.37 The sound level meter and sound calibrator were calibrated annually.
- 2.38 Calibration for sound level meter was conducted immediately prior to and following each noise measurement by using sound calibrator generating a known sound pressure level at a known frequency (1,000 Hz with 94dB). Measurements may be accepted as valid only if the calibration levels from before and after the noise measurement agree to within 1.0 dB.

Impact Noise Action and Limit Levels

2.39 The Baseline Noise Levels and Action and Limit Levels for construction noise is presented in Table 2.11.

Table 2.11 Baseline noise level and Action and Limit Levels for construction noise monitoring

Time Period	Noise Monitoring Station	Baseline Noise Levels, dB (A)	Action Level	Limit Level [^]
0700 – 1900 on normal weekdays	M4(A)	69.5	When one documented complaint is received.	75 dB(A)
	M5(A)	72.5		

Note: ^ If works are to be carried out during restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be followed.

Impact Noise Monitoring results

2.40 Impact noise monitoring results at the designed noise monitoring stations are summarized in Table 2.12.

Table 2.12 Summary of noise monitoring data during the reporting period

Noise Monitoring Station	August 2024		September 2024		October 2024		Action Level	Limit Level [^]
	Measured $L_{Aeq, 30\text{-min}}$, Average, dB(A)	Measured $L_{Aeq, 30\text{-min}}$, Range, dB(A)	Measured $L_{Aeq, 30\text{-min}}$, Average, dB(A)	Measured $L_{Aeq, 30\text{-min}}$, Range, dB(A)	Measured $L_{Aeq, 30\text{-min}}$, Average, dB(A)	Measured $L_{Aeq, 30\text{-min}}$, Range, dB(A)		
M4(A)	71.4	71.0 - 71.8	72.0	71.8 – 72.3	71.6	71.4 – 71.9	When one documented complaint is received	75 dB(A)
M5(A)	73.7	73.4 – 74.1	74.1	73.8 – 74.6	74.0	73.4 – 74.4		

Note: ^ If works are to be carried out during restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be followed.

2.41 There were no Action Level exceedance of noise monitoring and Limit Level exceedance of $L_{Aeq, 30\text{min}}$ recorded during the reporting period.

2.42 Graphical presentation and detailed monitoring results of impact noise are shown in Appendix D.

2.43 The Event and Action Plan is provided in Appendix E.

2.44 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

2.45 Impact noise monitoring was conducted on specific dates in reporting period. The monitoring dates were 9, 15, 21 and 27 August 2024; 2, 13, 19, 25 and 30 September 2024; and 10, 16, 22 and 28 October 2024. Each of these dates corresponds to the reporting month in which they fall.

Comparison of EM&A Results with EIA Predictions

2.46 The environmental impacts predictions were given in Agreement No. CE 35/2006(CE) Kai Tak Development Engineering Study cum Design and Construction of Advance Works - Investigation, Design and Construction - Kai Tak Development Environmental Impact Assessment Report, EIA Register Nos. AEIAR-130/2009 for Kai Tak Development (The EIA Report). The EM&A data was compared with the EIA predictions as summarized in Table 2.13 to Table 2.15.

Table 2.13 Comparison of 24-hour average TSP monitoring data with EIA predictions

Air Monitoring Station	ASR No. in EIA report	Predicted Cumulative Maximum 24-hr average TSP concentration		Measured 24-hr average TSP in Reporting Month (August 2024) $\mu\text{g}/\text{m}^3$	Measured 24-hr average TSP in Reporting Month (September 2024) $\mu\text{g}/\text{m}^3$	Measured 24-hr average TSP in Reporting Month (October 2024) $\mu\text{g}/\text{m}^3$
		Scenario 1 (Mid 2009 to Mid 2013), $\mu\text{g}/\text{m}^3$	Scenario 2 (Mid 2013 to Late 2016), $\mu\text{g}/\text{m}^3$			
AM2(A) - Ng Wah Catholic Secondary School	NA	NA	NA	30 - 71	25 - 63	27 - 52
AM3 - Sky Tower	A40	106^	138^	40 - 62	33 - 86	52 - 79

Note:

^ Prediction results are given in the Table 3.13 of the EIA report EIA Register No. AEIAR-130/2009 for Kai Tak Development.

Table 2.14 Comparison of 1-hour average TSP monitoring data with EIA predictions

Air Monitoring Station	ASR No. in EIA report	Predicted Cumulative Maximum 1-hour average TSP concentration		Measured 1-hr average TSP in Reporting Month (August 2024) $\mu\text{g}/\text{m}^3$	Measured 1-hr average TSP in Reporting Month (September 2024) $\mu\text{g}/\text{m}^3$	Measured 1-hr average TSP in Reporting Month (October 2024) $\mu\text{g}/\text{m}^3$
		Scenario 1 (Mid 2009 to Mid 2013), $\mu\text{g}/\text{m}^3$	Scenario 2 (Mid 2013 to Late 2016), $\mu\text{g}/\text{m}^3$			
AM2(A) - Ng Wah Catholic Secondary School	NA	NA	NA	42 - 65	29 - 75	33 - 59
AM3 - Sky Tower	A40	217^	247^	31 - 64	31 - 92	44 - 78

Note:

^ Prediction results are given in the Table 3.13 of the EIA report EIA Register No. AEIAR-130/2009 for Kai Tak Development.

Table 2.15 Comparison of noise monitoring data with EIA predictions

Noise Monitoring Station	NSR No. in EIA report	Predicted Mitigated Construction Noise Levels during Normal Daytime Working Hour $L_{Aeq, 30min}$, dB(A)	Measured Noise Level in Reporting Month (August 2024) $L_{Aeq, 30min}$, dB(A)	Measured Noise Level in Reporting Month (September 2024) $L_{Aeq, 30min}$, dB(A)	Measured Noise Level in Reporting Month (October 2024) $L_{Aeq, 30min}$, dB(A)
M4(A) – Le Billionnaire	NA	NA	71.0 - 71.8	71.8 – 72.3	71.4 – 71.9
M5(A) – Prince Ritz	NA	NA	73.4 - 74.1	73.8 – 74.6	73.4 – 74.4

2.47 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

2.48 No prediction in the EIA Report for 24-hour TSP monitoring results at AM2(A).

2.49 24-hour TSP monitoring results in August to October at AM3 was recorded lower than the prediction in Scenario 1 (Mid 2009 to Mid 2013) of the EIA Report. Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

2.50 No prediction in the EIA Report for 1-hour TSP monitoring results at AM2(A).

2.51 1-hour TSP monitoring results at AM3 recorded in the reporting period were recorded lower than the prediction in the EIA Report.

2.52 No prediction in the EIA Report for noise monitoring results at M4(A) and M5(A).

3. LANDSCAPE AND VISUAL MONITORING

- 3.1 In accordance with EM&A Manual (EIA Register Nos. AEIAR-130/2009), Landscape and Visual Monitoring shall be carried out during the construction phase of the Project. Regular impact monitoring will be conducted at least once per week.
- 3.2 Site inspections were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site.
- 3.3 No non-compliance of the landscape and visual impact was recorded in the reporting period.
- 3.4 Should non-compliance of the landscape and visual impact occur, action in accordance with the action plan presented in Appendix E shall be performed.

4. SOLID AND LIQUID WASTE MANAGEMENT

- 4.1 The amount of wastes generated by the major site activities of the work contracts within the Project during the reporting period is shown in Appendix F.
- 4.2 The Contractor was registered as a chemical waste producer for the Project.
- 4.3 Mitigation measures recommended in the EIA Report were implemented by the Contractor where applicable and were considered effective in reducing the waste generation during the reporting period.
- 4.4 The Contractor was reminded that chemical waste containers should be properly treated and stored temporarily in designated chemical waste storage area on site in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.

5. ENVIRONMENTAL SITE INSPECTION AND AUDIT

Site Inspection

- 5.1 Site inspections were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures and given advise if applicable in the Project site.
- 5.2 All follow-up actions requested by ET and/or IEC during site inspections were undertaken by the Contractor and ET reviewed the effectiveness in the following weekly site inspection.
- 5.3 The summaries of site audits are attached in Table 5.1.

Table 5.1 Summary of site inspections observations during the reporting period

Inspection Date	Key Observations / Advice / Recommendations /	Actions Taken:	Close-out Date / Status
1 Aug 2024	Observation: The stagnant water should be removed to prevent mosquito breeding.	The stagnant water was removed immediately.	Closed out on 8 Aug 2024
8 Aug 2024	Observation: Rubbish skin should be cleaned up regularly.	Rubbish has been cleaned after the inspection.	Closed out on 15 Aug 2024
	Observation: The stagnant water should be removed to prevent mosquito breeding.	Larvicidal oil has been applied against mosquito breeding.	Closed out on 15 Aug 2024
	Observation: The main haul road should be sprayed water regularly.	The haul road has been sprayed with water.	Closed out on 15 Aug 2024
	Observation: The NRMM label was in wrong colour.	The NRMM label has been displayed at a conspicuous position.	Closed out on 15 Aug 2024
15 Aug 2024	Observation: Provision of sufficient waste disposal points and regular collection for disposal.	Rubbish has been cleaned after the inspection.	Closed out on 22 Aug 2024

Inspection Date	Key Observations / Advice / Recommendations /	Actions Taken:	Close-out Date / Status
22 Aug 2024	Observation: The temporary drainage pipe should be installed properly to prevent water leakage.	The temporary drainage pipe has been installed properly to prevent water leakage.	Closed out on 29 Aug 2024
	Observation: Dusty materials should be covered entirely by impervious sheeting.	Dusty materials has been covered entirely by impervious sheeting.	Closed out on 29 Aug 2024
29 Aug 2024	Observation: The NRMM for the excavator is missing. Please ensure the label is properly demonstrated.	The NRMM label has been displayed at a conspicuous position of the machine.	Closed out on 5 Sep 2024
5 Sep 2024	Observation: The rubbish should be removed at Site L16.	Rubbish at L16 has been removed.	Closed out on 12 Sep 2024
	Observation: The main haul road should be sprayed with water.	Water truck was arranged for watering regularly.	Closed out on 12 Sep 2024
12 Sep 2024	Observation: Haul road on CS shall implement water spraying regularly to suppress dust emissions.	Water truck was arranged for watering regularly.	Closed out on 19 Sep 2024
19 Sep 2024	Observation: The temporary pipe should be adequately designed for the controlled release of storm flows.	The temporary pipe has been connected properly.	Closed out on 25 Sep 2024
	Observation: Please remind to remove stagnant water to prevent mosquito breeding.	Stagnant water has been removed and carried out larviciding at mosquito potential breeding source.	Closed out on 25 Sep 2024
25 Sep 2024	Observation: Please remind to remove the stagnant water at S14.	The stagnant water has been removed to ensure that there is no breeding of mosquitoes.	Closed out on 3 Oct 2024
3 Oct 2024	Observation: Please remind the stockpiles should be fully covered by impermeable sheeting to reduce dust emission.	The stockpile was removed.	Closed out on 10 Oct 2024
10 Oct 2024	Observation: The stockpile should be fully covered by impermeable sheeting to reduce dust emission.	The stockpile was fully covered by impermeable sheeting.	Closed out on 17 Oct 2024
17 Oct 2024	Observation: The stock of more than 20 bags of cement should be covered entirely	The stock was fully covered entirely by impervious sheeting placed in an area sheltered on the	Closed out on 24 Oct

Inspection Date	Key Observations / Advice / Recommendations /	Actions Taken:	Close-out Date / Status
	by impervious sheeting placed in an area sheltered on the top and the three sides.	top and the three sides.	2024
24 Oct 2024	NA	NA	NA
31 Oct 2024	Observation: Secondary container shall be provided for the plastic chemical to prevent soil contamination.	The plastic chemical has been removed.	Closed out on 07 Nov 2024

Implementation Status of Environmental Mitigation Measures

- 5.4 The Contractor has implemented environmental mitigation measures and requirement as stated in the EIA report, the EP and the EM&A Manual. The implementation status of the mitigation measures during the reporting period is summarized in Appendix G.
- 5.5 Based on the observations from the site inspection, it would be considered that the pollution control and mitigation measures were effective and efficient in controlling the environmental impacts generated from the construction activities of the Project site.

6. SUMMARY OF NON-COMPLIANCE STATUS

Breaches of Action and Limit Levels

- 6.1 1-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 6.2 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 6.3 Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 6.4 Summary of the non-compliance in the reporting period for the Project is tabulated in Table 6.1.

Table 6.1 Non-compliance record in the reporting period

Parameter	Reporting Period	No. of Exceedance		Possible reasons for non-compliance	Action Taken
		Action Level	Limit Level		
1-hr TSP	Aug 2024	0	0	N/A	N/A
	Sep 2024	0	0	N/A	N/A
	Oct 2024	0	0	N/A	N/A
24-hr TSP	Aug 2024	0	0	N/A	N/A
	Sep 2024	0	0	N/A	N/A
	Oct 2024	0	0	N/A	N/A
Construction noise	Aug 2024	0	0	N/A	N/A
	Sep 2024	0	0	N/A	N/A
	Oct 2024	0	0	N/A	N/A

Environmental Complaint and Non-compliance

- 6.5 No complaint was received in the reporting period. Summary of complaints in the reporting period is tabulated in Table 6.2.

Table 6.2 Summary of complaints in the reporting period

Date of receiving complaint	Date of complaint	Description of complaint	Recommendations / Action take	Close-out date / Status
No complaint was received in the reporting period.	NA	NA	NA	NA

6.6 Complaint log is shown in Appendix H.

Notifications of summons and successful prosecutions

6.7 No notification of summons and successful prosecutions was received in the reporting period. Summary of summons and successful prosecutions in the reporting period is tabulated in Table 6.3.

Table 6.3 Summary of summons and successful prosecutions in the reporting period

Date of receiving notification of summons or prosecutions	Date of event	Description of event	Action take	Close-out date / Status
No notification of summons and successful prosecutions were received in the reporting period.	NA	NA	NA	NA

6.8 The summaries of cumulative environmental complaint, warning, summon and notification of successful prosecution for the Project is presented in Appendix H.

7. COMMENTS, RECOMMENDATIONS AND CONCLUSIONS

Comments

- 7.1 Mitigation measures in the EM&A Manuals were implemented during the reporting period. The effectiveness and efficiency of the mitigation measures were reviewed during the weekly environmental site inspection and audit.
- 7.2 Environmental monitoring works (air quality and construction noise) were performed in the reporting period to monitor the environmental impacts from the Project site.
- 7.3 Based on the observations from the site inspection and reviewing the environmental monitoring results, it would be considered that the mitigation measures were effective and efficient in controlling the environmental impacts generated from the construction activities of the Project site.

Recommendations

- 7.4 During the weekly environmental site inspection and audit performed in the reporting period, the following recommendations were provided:

Table 7.1 Summary of recommendations / reminders made in site inspections during the reporting period

Inspection Date	Recommendations / Reminders
1 Aug 2024	The stagnant water should be removed to prevent mosquito breeding.
8 Aug 2024	Rubbish skin should be cleaned up regularly.
	The stagnant water should be removed to prevent mosquito breeding.
	The main haul road should be sprayed water regularly.
	The NRMM label was in wrong colour.
15 Aug 2024	Provision of sufficient waste disposal points and regular collection for disposal.
22 Aug 2024	The temporary drainage pipe should be installed properly to prevent water leakage.

	Dusty materials should be covered entirely by impervious sheeting.
29 Aug 2024	The NRMM for the excavator is missing. Please ensure the label is properly demonstrated.
5 Sep 2024	The rubbish should be removed at Site L16.
	The main haul road should be sprayed with water.
12 Sep 2024	Haul road on CS shall implement water spraying regularly to suppress dust emissions.
19 Sep 2024	The temporary pipe should be adequately designed for the controlled release of storm flows.
	Please remind to remove stagnant water to prevent mosquito breeding.
25 Sep 2024	Please remind to remove the stagnant water at S14.
3 Oct 2024	Please remind the stockpiles should be fully covered by impermeable sheeting to reduce dust emission.
10 Oct 2024	The stockpile should be fully covered by impermeable sheeting to reduce dust emission.
17 Oct 2024	The stock of more than 20 bags of cement should be covered entirely by impervious sheeting placed in an area sheltered on the top and the three sides.
31 Oct 2024	Secondary container shall be provided for the plastic chemical to prevent soil contamination.

Conclusions

- 7.5 Environmental monitoring works were performed in the reporting period and all monitoring results were checked and reviewed.
- 7.6 1-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 7.7 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 7.8 Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.
- 7.9 No complaint was received in the reporting period.
- 7.10 No notification of summons and successful prosecutions was received in the reporting period.

Figure

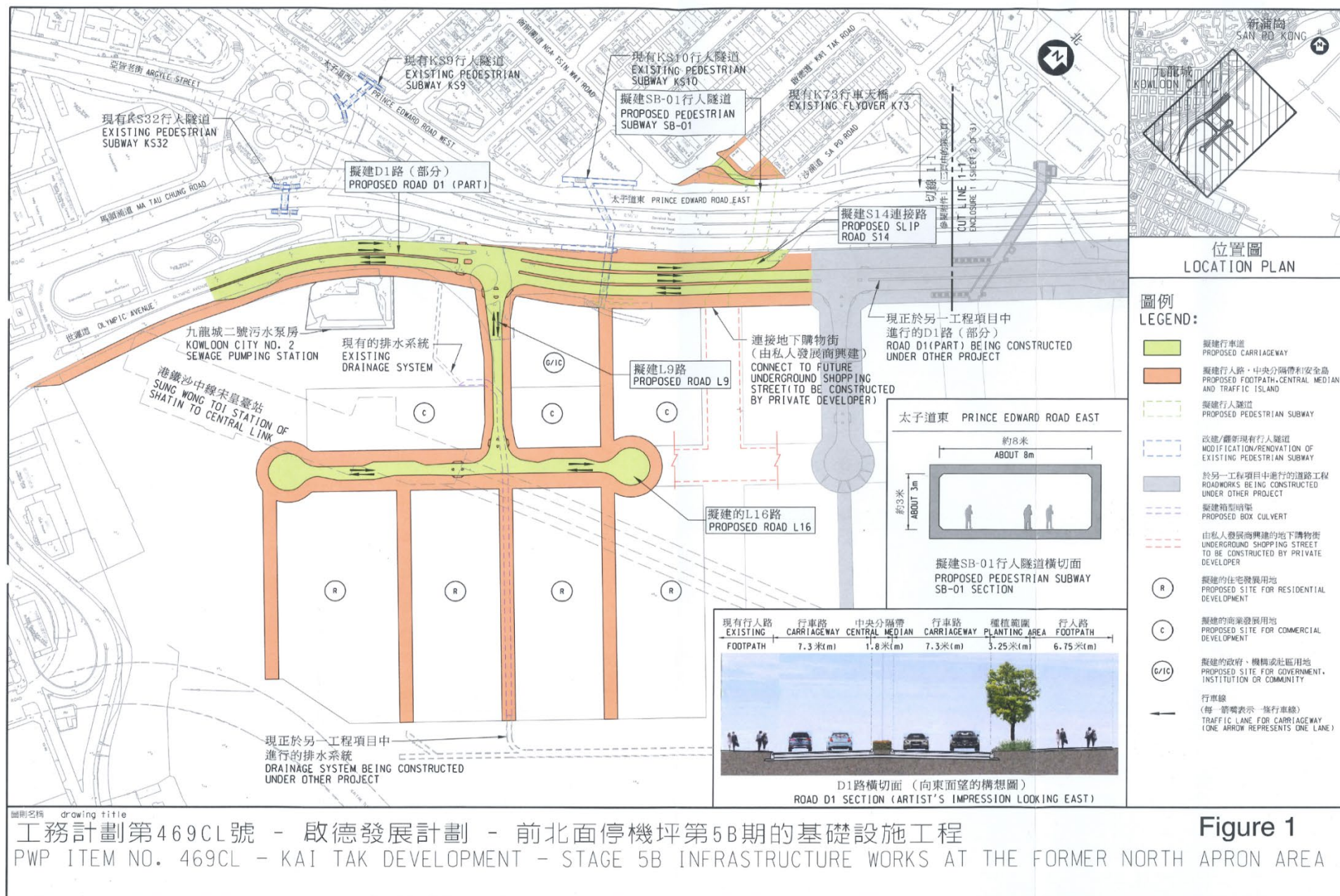


Figure 1 – Proposed works of Contract No. ED/2018/05

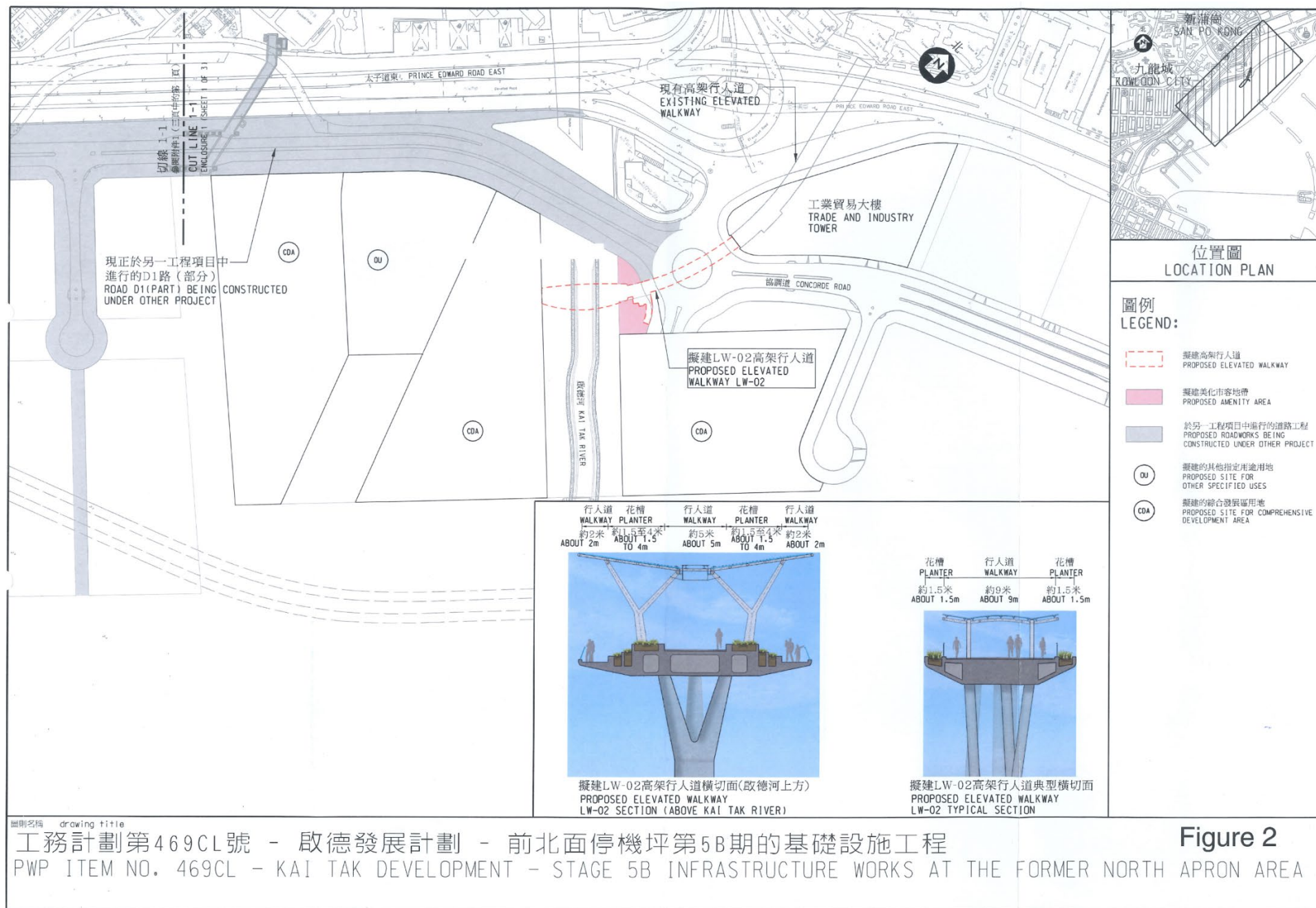




Figure 3 – D1 Road Site Layout Plan

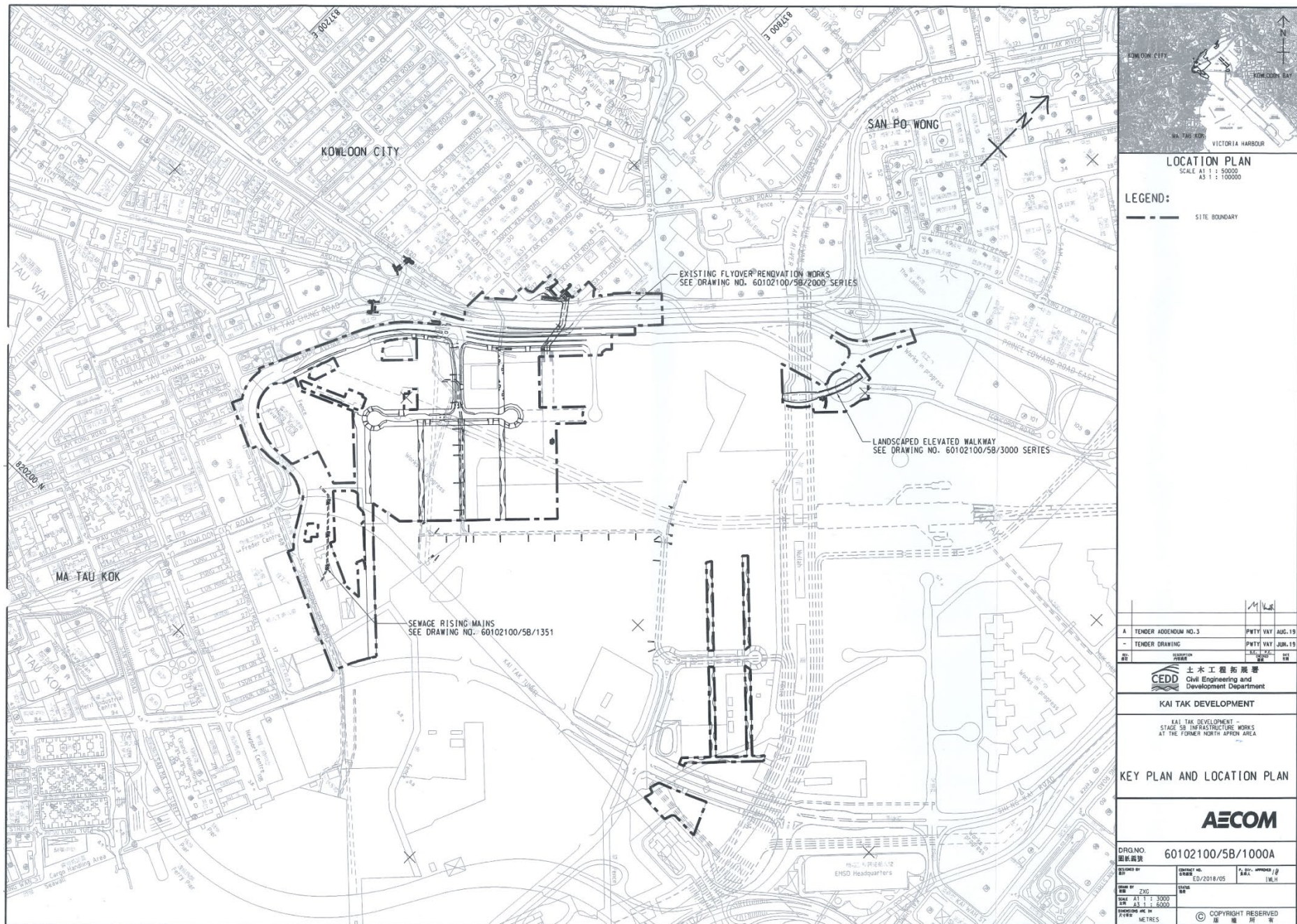


Figure 4 – Site Layout Plan

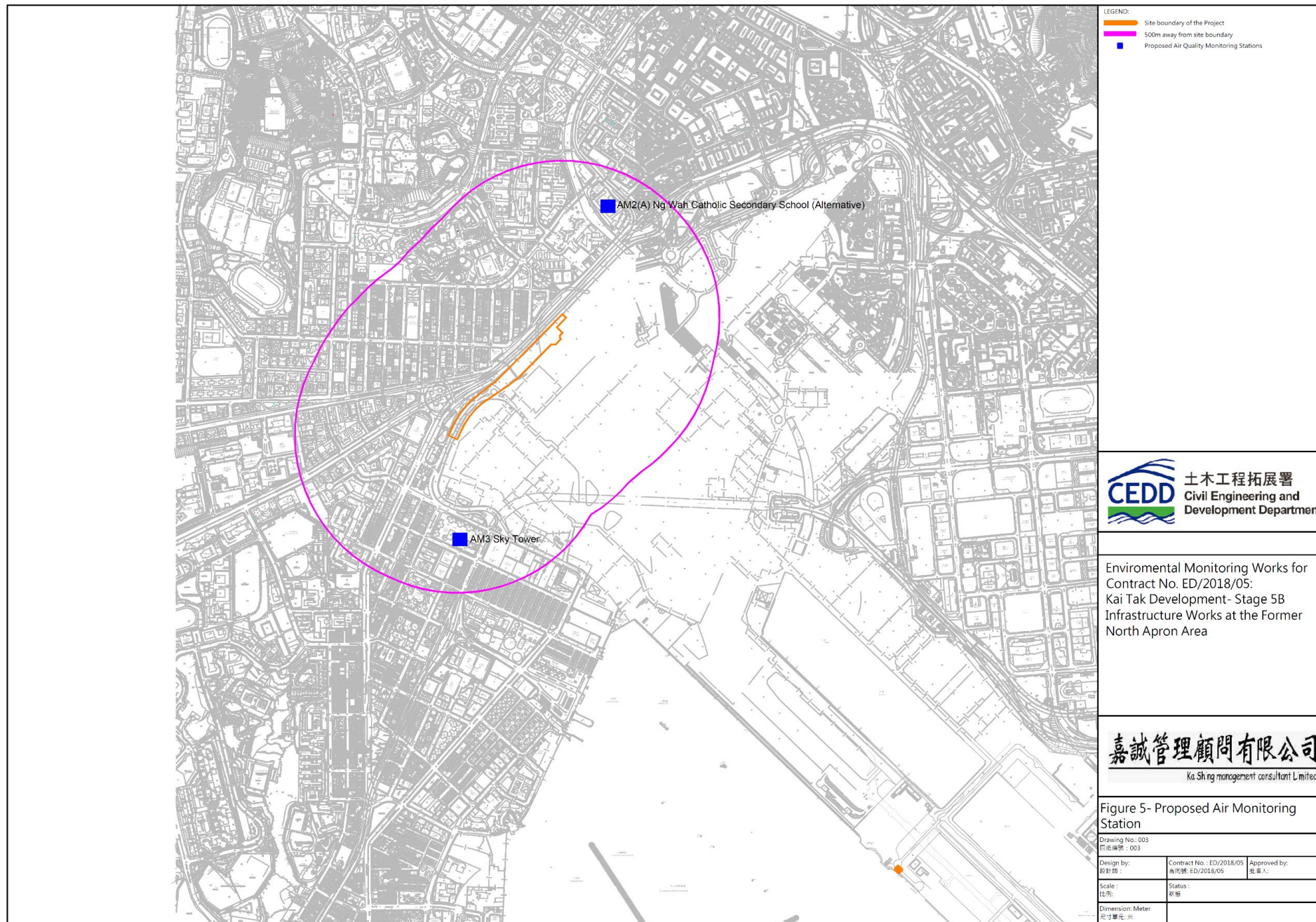


Figure 5 – Air Quality Monitoring Stations

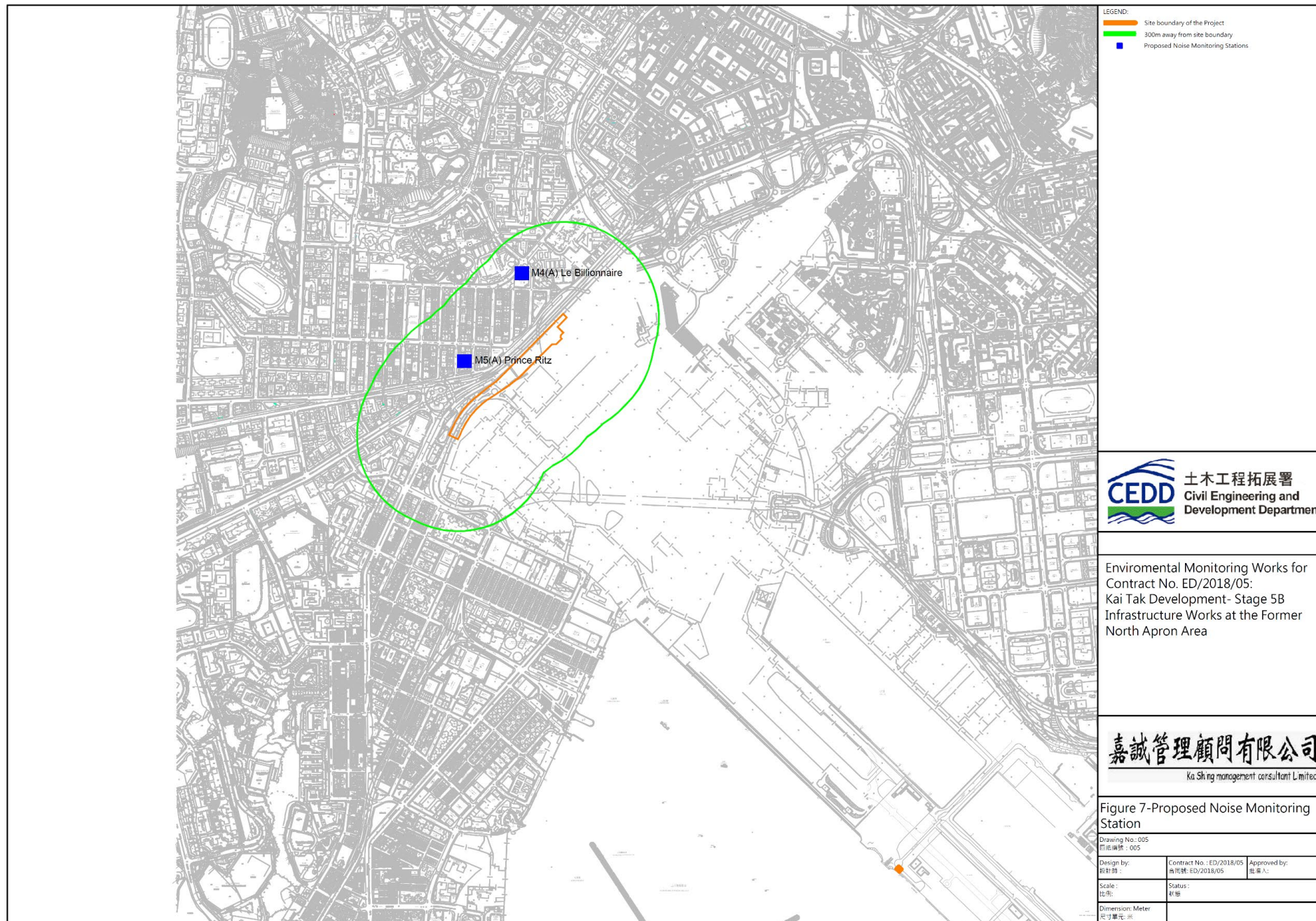
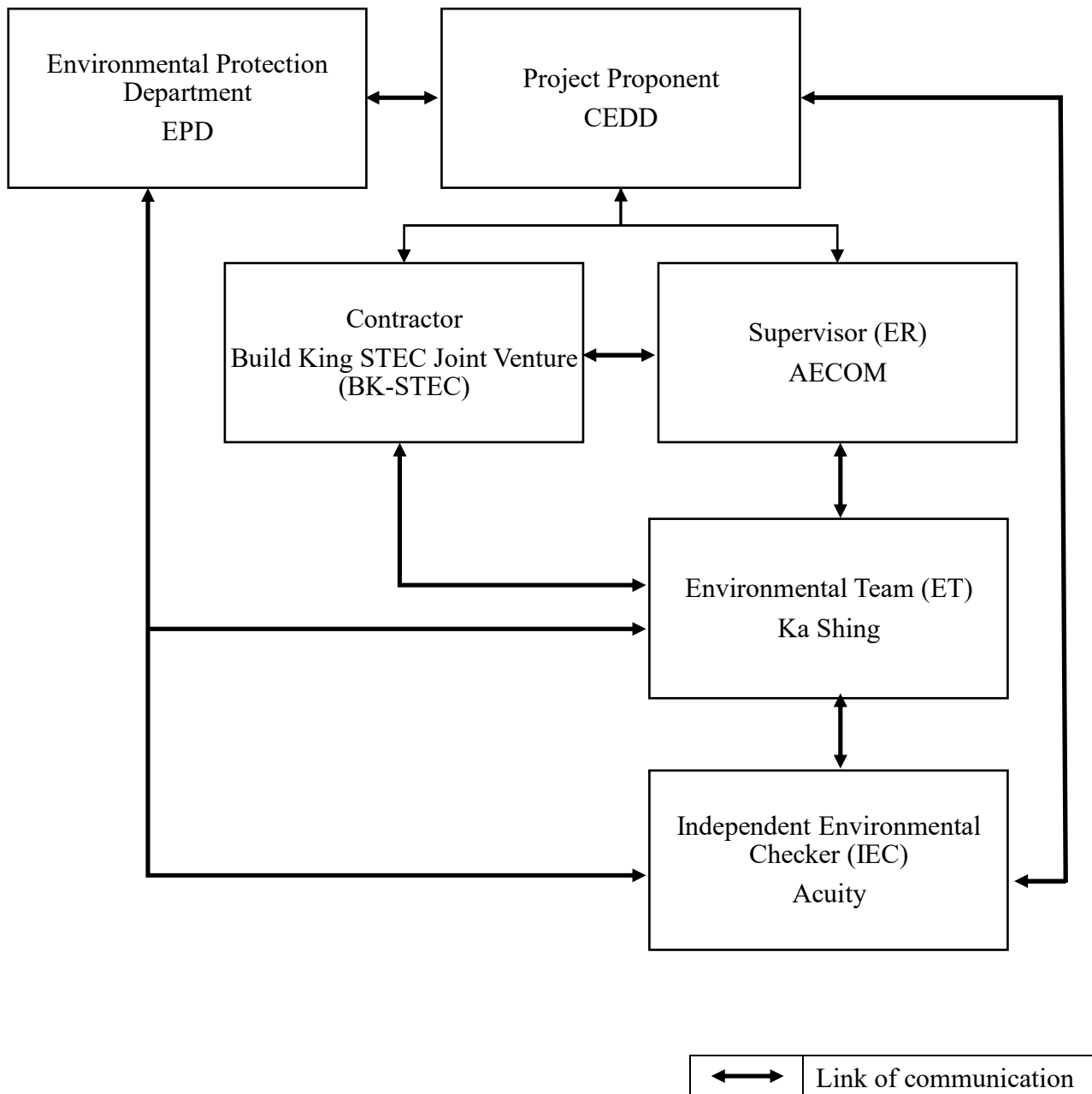


Figure 6 – Noise Monitoring Stations

Appendix A – Organization Chart of EM&A Team



Appendix B – Construction Programme

▼ Milestone

▼ Critical Milestone

Critical Remaining Work

Planned Work

Summary

ED/2018/05 Kai Tak Development - Stage 5B Infrastructure Works at the Former North Apron Area

WORKS PROGRAMME

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Date	Revision	Checked	Approved
27-Jun-24	Works Programme	HL	RL
21-Aug-24	Works Programme	HL	RL
05-Oct-24	Works Programme	HL	RL

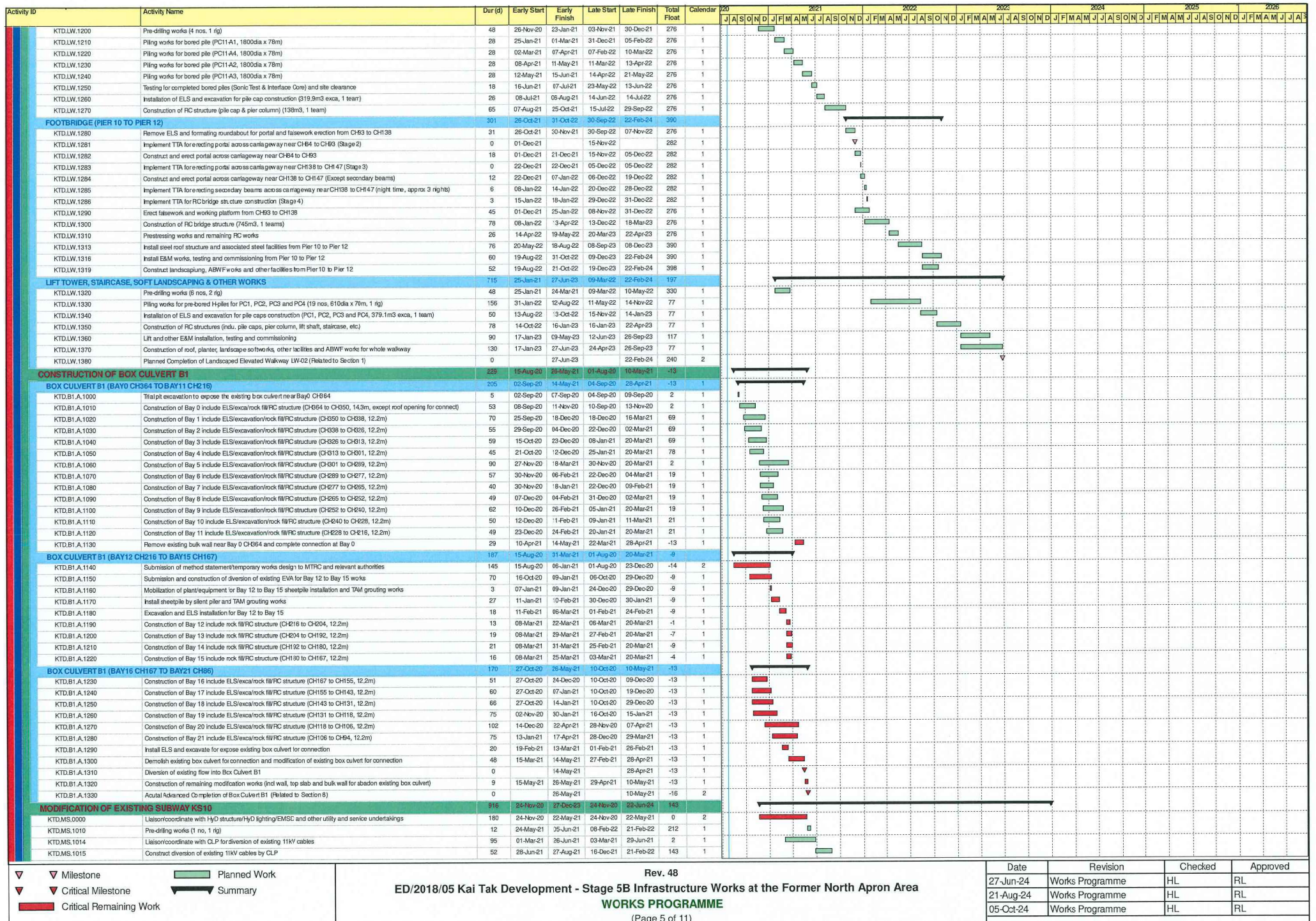
Activity ID	Activity Name	Dur (d)	Early Start	Early Finish	Late Start	Late Finish	Total Float	Calendar	2020	2021	2022	2023	2024	2025	2026	
KTD.KD.1620	16th SSMC Meeting	1	25-Nov-21	25-Nov-21	25-Nov-21	25-Nov-21	0	2	J	A	S	O	N	D		
KTD.KD.1630	17th SSMC Meeting	1	30-Dec-21	30-Dec-21	30-Dec-21	30-Dec-21	0	2								
KTD.KD.1640	18th SSMC Meeting	1	27-Jan-22	27-Jan-22	27-Jan-22	27-Jan-22	0	2								
KTD.KD.1650	19th SSMC Meeting	1	24-Feb-22	24-Feb-22	24-Feb-22	24-Feb-22	0	2								
KTD.KD.1660	20th SSMC Meeting	1	31-Mar-22	31-Mar-22	31-Mar-22	31-Mar-22	0	2								
KTD.KD.1670	21st SSMC Meeting	1	28-Apr-22	28-Apr-22	28-Apr-22	28-Apr-22	0	2								
KTD.KD.1680	22nd SSMC Meeting	1	26-May-22	26-May-22	26-May-22	26-May-22	0	2								
KTD.KD.1690	23rd SSMC Meeting	1	30-Jun-22	30-Jun-22	30-Jun-22	30-Jun-22	0	2								
KTD.KD.1700	24th SSMC Meeting	1	28-Jul-22	28-Jul-22	28-Jul-22	28-Jul-22	0	2								
KTD.KD.1710	25th SSMC Meeting	1	25-Aug-22	25-Aug-22	25-Aug-22	25-Aug-22	0	2								
KTD.KD.1720	26th SSMC Meeting	1	29-Sep-22	29-Sep-22	29-Sep-22	29-Sep-22	0	2								
KTD.KD.1730	27th SSMC Meeting	1	27-Oct-22	27-Oct-22	27-Oct-22	27-Oct-22	0	2								
KTD.KD.1740	28th SSMC Meeting	1	24-Nov-22	24-Nov-22	24-Nov-22	24-Nov-22	0	2								
KTD.KD.1750	29th SSMC Meeting	1	29-Dec-22	29-Dec-22	29-Dec-22	29-Dec-22	0	2								
KTD.KD.1760	30th SSMC Meeting	1	26-Jan-23	26-Jan-23	26-Jan-23	26-Jan-23	0	2								
KTD.KD.1770	31st SSMC Meeting	1	23-Feb-23	23-Feb-23	23-Feb-23	23-Feb-23	0	2								
KTD.KD.1780	32nd SSMC Meeting	1	30-Mar-23	30-Mar-23	30-Mar-23	30-Mar-23	0	2								
KTD.KD.1790	33rd SSMC Meeting	1	27-Apr-23	27-Apr-23	27-Apr-23	27-Apr-23	0	2								
KTD.KD.1800	34th SSMC Meeting	1	25-May-23	25-May-23	25-May-23	25-May-23	0	2								
KTD.KD.1810	35th SSMC Meeting	1	29-Jun-23	29-Jun-23	29-Jun-23	29-Jun-23	0	2								
KTD.KD.1820	36th SSMC Meeting	1	27-Jul-23	27-Jul-23	27-Jul-23	27-Jul-23	0	2								
KTD.KD.1830	37th SSMC Meeting	1	31-Aug-23	31-Aug-23	31-Aug-23	31-Aug-23	0	2								
KTD.KD.1840	38th SSMC Meeting	1	28-Sep-23	28-Sep-23	28-Sep-23	28-Sep-23	0	2								
KTD.KD.1850	39th SSMC Meeting	1	26-Oct-23	26-Oct-23	26-Oct-23	26-Oct-23	0	2								
KTD.KD.1860	40th SSMC Meeting	1	30-Nov-23	30-Nov-23	30-Nov-23	30-Nov-23	0	2								
KTD.KD.1870	41st SSMC Meeting	1	28-Dec-23	28-Dec-23	28-Dec-23	28-Dec-23	0	2								
KTD.KD.1880	42nd SSMC Meeting	1	25-Jan-24	25-Jan-24	25-Jan-24	25-Jan-24	0	2								
KTD.KD.1890	43rd SSMC Meeting	1	29-Feb-24	29-Feb-24	29-Feb-24	29-Feb-24	0	2								
KTD.KD.1900	44th SSMC Meeting	1	28-Mar-24	28-Mar-24	28-Mar-24	28-Mar-24	0	2								
KTD.KD.1910	45th SSMC Meeting	1	25-Apr-24	25-Apr-24	25-Apr-24	25-Apr-24	0	2								
KTD.KD.1920	46th SSMC Meeting	1	30-May-24	30-May-24	30-May-24	30-May-24	0	2								
KTD.KD.1930	47th SSMC Meeting	1	27-Jun-24	27-Jun-24	27-Jun-24	27-Jun-24	0	2								
KTD.KD.1940	48th SSMC Meeting	1	25-Jul-24	25-Jul-24	25-Jul-24	25-Jul-24	0	2								
KTD.KD.1950	49th SSMC Meeting	1	29-Aug-24	29-Aug-24	29-Aug-24	29-Aug-24	0	2								
KTD.KD.1960	50th SSMC Meeting	1	26-Sep-24	26-Sep-24	26-Sep-24	26-Sep-24	0	2								
KTD.KD.1970	51st SSMC Meeting	1	31-Oct-24	31-Oct-24	31-Oct-24	31-Oct-24	0	2								
KTD.KD.1980	52nd SSMC Meeting	1	28-Nov-24	28-Nov-24	28-Nov-24	28-Nov-24	0	2								
KTD.KD.1990	53rd SSMC Meeting	1	26-Dec-24	26-Dec-24	26-Dec-24	26-Dec-24	0	2								
KTD.KD.2000	54th SSMC Meeting	1	30-Jan-25	30-Jan-25	30-Jan-25	30-Jan-25	0	2								
KTD.KD.2010	55th SSMC Meeting	1	27-Feb-25	27-Feb-25	27-Feb-25	27-Feb-25	0	2								
KTD.KD.2020	56th SSMC Meeting	1	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25	0	2								
KTD.KD.2030	57th SSMC Meeting	1	24-Apr-25	24-Apr-25	24-Apr-25	24-Apr-25	0	2								
KTD.KD.2040	58th SSMC Meeting	1	29-May-25	29-May-25	29-May-25	29-May-25	0	2								
KTD.KD.2050	59th SSMC Meeting	1	26-Jun-25	26-Jun-25	26-Jun-25	26-Jun-25	0	2								
BIM RELATED DELIVERABLES			1653	31-Jul-20	07-Feb-25	01-Aug-30	30-Jun-26	508	2							
KTD.KD.2060	Prepare/submit BIM Execution Plan	29	31-Jul-20	28-Aug-20	01-Aug-20	29-Aug-20	1	2								
KTD.KD.2070	Prepare/submit Combined Services Drawings and CBWD generated from BIM	44	31-Jul-20	12-Sep-20	01-Aug-20	13-Sep-20	1	2								
KTD.KD.2080	Prepare/submit proposal of asset information requirement	364	31-Jul-20	29-Jul-21	01-Aug-20	30-Jul-21	1	2								
KTD.KD.2090	Prepare/submit Asset Data Deliverables for Section 1	60	25-Dec-23	22-Feb-24	02-May-26	30-Jun-26	859	2								
KTD.KD.2100	Prepare/submit Asset Data Deliverables for Section 2	60	10-Dec-24	07-Feb-25	02-May-26	30-Jun-26	508	2								
KTD.KD.2110	Prepare/submit Asset Data Deliverables for Section 3	60	23-Jun-24	21-Aug-24	02-May-26	30-Jun-26	678	2								
KTD.KD.2120	Prepare/submit Asset Data Deliverables for Section 4	60	02-May-21	30-Jun-21	02-May-26	30-Jun-26	1826	2								
KTD.KD.2130	Prepare/submit Asset Data Deliverables for Section 5	60	23-Oct-21	21-Dec-21	02-May-26	30-Jun-26	1652	2								
KTD.KD.2140	Prepare/submit Asset Data Deliverables for Section 6	60	27-Feb-22	27-Apr-22	02-May-26	30-Jun-26	1525	2								
KTD.KD.2150	Prepare/submit Asset Data Deliverables for Section 7	60	28-Dec-23	25-Feb-24	02-May-26	30-Jun-26	856	2								
KTD.KD.2160	Prepare/submit Asset Data Deliverables for Section 8	60	31-May-21	29-Jul-21	02-May-26	30-Jun-26	1797	2								
KTD.KD.2170	Prepare/submit Asset Data Deliverables for Section 9	60	24-Oct-23	22-Dec-23	02-May-26	30-Jun-26	921	2								
KTD.KD.2190	Prepare/submit Asset Data Deliverables for Section 11	60	28-Dec-23	25-Feb-24	02-May-26	30-Jun-26	856	2								
KTD.KD.2200	Prepare/submit Asset Data Deliverables for Section 12	60	28-Jul-24	25-Sep-24	02-May-26	30-Jun-26	643	2								
KTD.KD.2210	Prepare/submit Asset Data Deliverables for Section 13	60	02-Nov-24	31-Dec-24	02-May-26	30-Jun-26	546	2								
VALUE-ENGINEERING SHCME DROP-OFF SCHEDULE			932	31-Jul-20	09-Nov-22	31-Jul-20	09-Nov-22	0	2							
KTD.VE.1000	Review/prepare/submit VE scheme for permanent concrete segment for Pedestrian Subway SB-01	488	31-Jul-20	30-Nov-21	31-Jul-20	30-Nov-21	0	2								
KTD.VE.1010	Review/prepare/submit VE scheme for alternative alignment for Pedestrian Subway SB-01	488	31-Jul-20	30-Nov-21	31-Jul-20	30-Nov-21	0	2								
KTD.VE.1020	Review/prepare/submit VE scheme for piling arrangement for new pier of existing Bridge K73	671	31-Jul-20	01-Jun-22	31-Jul-20	01-Jun-22	0	2								
KTD.VE.1030	Review/prepare/submit VE scheme for piling arrangement for abutment of Slip Road S14	832	31-Jul-20	09-Nov-22	31-Jul-20	09-Nov-22	0	2								
KTD.VE.1050	Review/prepare/submit VE scheme for piling arrangement for lift shaft and staircase of LW-02	631	31-Jul-20	22-Apr-22	31-Jul-20	22-Apr-22	0	2								
CIVIL AND STRUCTURAL WORKS			1350	22-Jul-20	07-Feb-25	07-Apr-20	30-Jun-26	412								
GENERAL AND PRELIMINARY WORKS			1313	31-Jul-20	31-Dec-24	01-Aug-30	30-Jun-26	441								
KTD.GW.1000	General and preliminary works (inclu site formation, site set-up, access, temp drain. sys, ground investigation and etc)	1200	31-Jul-20	15-Aug-24	15-Jun-21	30-Jun-25	257	1								
KTD.GW.1010	Construction, maintenance and removal of ICA, EVA, Crowd Dispersal Route and other temporary access	1313	31-Jul-20	31-Dec-24	22-Jan-21	30-Jun-25	144	1								
KTD.GW.1020	Prepare/submit site arrangement plan (inclu hoarding, project sign board and security arrangement)	13	31-Jul-20	12-Aug-20	01-Aug-20	13-Aug-20	1	2								
KTD.GW.1030	Design/submit/approval site layout plan and Contractor's site accommodation using MIC method	44	13-Aug-20	25-Sep-20	14-Aug-20	26-Sep-20	1	2								
KTD.GW.1040	Construct foundation and erect Contractor's site accommodation	76	26-Sep-20	29-Dec-20	27-Mar-26	30-Jun-26	1629	1								
▽ Milestone									Rev. 48							
▽ Critical Milestone									ED/2018/05 Kai Tak Development - Stage 5B Infrastructure Works at the Former North Apron Area							
Critical Remaining Work									WORKS PROGRAMME							
									(Page 2 of 11)							
									Date		Revision		Checked		Approved	
									27-Jun-24		Works Programme		HL		RL	
									21-Aug-24		Works Programme		HL		RL	
									05-Oct-24		Works Programme		HL		RL	

Activity ID	Activity Name	Dur (d)	Early Start	Early Finish	Late Start	Late Finish	Total Float	Calendar	20	2021	2022	2023	2024	2025	2026
KTD.GW.1050	Tree Survey	27	31-Jul-20	26-Aug-20	01-Aug-20	27-Aug-20	1	2							
KTD.GW.1056	Initial tree survey report and tree felling application	120	27-Aug-20	24-Dec-20	26-Nov-20	25-Mar-21	91	2							
KTD.GW.1056	Obtain tree felling permit from relevant authorities	77	25-Dec-20	11-Mar-21	26-Mar-21	10-Jun-21	91	2							
KTD.GW.1060	Tree felling works at Sa Po Road to facilitate construction of road diversion (Stage 1, 9 nos.)	12	12-Mar-21	25-Mar-21	11-Jun-21	25-Jun-21	72	1							
KTD.GW.1061	Tree felling works at Sa Po Road to facilitate existing utilities diversion works (5 nos.)	7	07-Jun-21	15-Jun-21	26-Jun-21	05-Jul-21	16	1							
KTD.GW.1065	Tree felling works at Kai Tak Area	60	28-Dec-20	11-Mar-21	18-Apr-26	30-Jun-26	1571	1							
KTD.GW.1070	Protection to retained trees and tree transplanting works	234	27-Aug-20	12-Jun-21	13-Sep-25	30-Jun-26	1497	1							
CONSTRUCTION OF PEDESTRIAN SUBWAY SB-01															
DESIGN/STATUTORY SUBMISSIONS FOR PEDESTRIAN SUBWAY SB-01															
KTD.SB.SUBM.1000	Prepare ELS Design for Launching Shaft @Kai Tak Area	30	06-Jan-21	01-Dec-21	30-May-21	10-Jul-22	221	2							
KTD.SB.SUBM.1010	Review/comment ELS Design for Launching Shaft @Kai Tak Area and obtain ICE certificate	60	06-Jan-21	06-Mar-21	30-May-21	28-Jul-21	144	2							
KTD.SB.SUBM.1020	Consult/obtain approval of ELS Design for Launching Shaft @Kai Tak Area by AECOM	30	07-Mar-21	25-Apr-21	29-Jul-21	27-Aug-21	144	2							
KTD.SB.SUBM.1030	Prepare ELS Design for Retaining Shaft @Sa Po Road	45	06-Apr-21	20-May-21	28-Aug-21	11-Oct-21	144	2							
KTD.SB.SUBM.1040	Review/comment ELS Design for Retaining Shaft @Sa Po Road and obtain ICE certificate	60	28-Feb-21	28-Apr-21	03-Sep-21	01-Nov-21	187	2							
KTD.SB.SUBM.1050	Consult/obtain approval of ELS Design for Retaining Shaft @Sa Po Road by AECOM	30	29-Apr-21	28-May-21	02-Nov-21	01-Dec-21	187	2							
KTD.SB.SUBM.1060	Prepare/submit GEO Submission for trenchless tunnel by RTBM to GEO/CEDD	187	29-May-21	01-Dec-21	02-Dec-21	06-Jun-22	187	2							
KTD.SB.SUBM.1070	Consult/obtain approval of GEO Submission for trenchless tunnel by RTBM by GEO/CEDD	90	10-Jan-21	29-Apr-21	21-Sep-21	19-Dec-21	254	2							
KTD.SB.SUBM.1080	Prepare/submit HyD B&S Submission for precast lining and re-alignment to HyD B&S	203	10-Apr-21	29-Oct-21	20-Dec-21	10-Jul-22	254	2							
KTD.SB.SUBM.1090	Prepare/submit A/P of HyD B&S Submission for precast lining and re-alignment by HyD B&S	60	09-Feb-21	29-Apr-21	09-Jul-21	06-Sep-21	150	2							
KTD.SB.SUBM.1100	Consult/obtain DDA of HyD B&S Submission for precast lining and re-alignment by HyD B&S	60	10-Apr-21	08-Jun-21	07-Sep-21	05-Nov-21	150	2							
KTD.SB.SUBM.1100	Consult/obtain DDA of HyD B&S Submission for precast lining and re-alignment by HyD B&S	169	09-Jun-21	24-Nov-21	06-Nov-21	23-Apr-22	150	2							
APPLICATION FOR WORKING VISA OF MAINLAND WORKERS FOR PEDESTRIAN SUBWAY SB-01															
KTD.SB.VISA.1000	Prepare/submit/approval working visa for segment construction workers	334	25-Nov-21	24-Oct-22	03-Jan-22	26-Oct-22	2	2							
KTD.SB.VISA.1010	Travel from Mainland to HK for segment construction workers	90	25-Nov-21	22-Feb-22	03-Jan-22	02-Apr-22	39	2							
KTD.SB.VISA.1020	Travel from Mainland to HK for segment construction workers	7	23-Feb-22	01-Mar-22	03-Apr-22	09-Apr-22	39	2							
KTD.SB.VISA.1030	Prepare/submit/approval for HKD and obtain Green Card/Blue Card for segment construction workers	14	02-Mar-22	15-Mar-22	10-Apr-22	23-Apr-22	39	2							
KTD.SB.VISA.1040	Prepare/submit/approval for Working Visa for tunneling construction workers	90	05-May-22	02-Aug-22	07-May-22	04-Aug-22	2	2							
KTD.SB.VISA.1050	Travel from Mainland to HK for tunneling construction workers	7	03-Aug-22	09-Aug-22	05-Aug-22	11-Aug-22	2	2							
KTD.SB.VISA.1060	Prepare/submit/approval for HKD and obtain Green Card/Blue Card for tunneling construction workers	14	10-Aug-22	23-Aug-22	12-Aug-22	25-Aug-22	2	2							
KTD.SB.VISA.1070	Obtain confined space certified worker/competent person certificate for tunneling construction workers	7	28-Aug-22	03-Sep-22	30-Aug-22	05-Sep-22	2	2							
KTD.SB.VISA.1070	Medical check for Form 3 and 6 and receive reports for tunneling construction workers	21	04-Sep-22	24-Sep-22	06-Sep-22	26-Sep-22	2	2							
KTD.SB.VISA.1080	Submit/approval for Form 3 and 6 by Labour Department for tunneling construction workers	30	25-Sep-22	24-Oct-22	27-Sep-22	26-Oct-22	2	2							
PROCUREMENT, MANUFACTURING AND DELIVERY OF RTBM & FABRICATION OF PRECAST UNITS															
KTD.SB.PDF.1000	Design RTBM and associated equipment (cradle, back trust wall and etc.)	339	22-Jul-20	22-Aug-22	06-Aug-20	30-Sep-22	33								
KTD.SB.PDF.1010	Procurement and manufacture RTBM and associated equipment	340	26-Jun-21	31-May-22	11-Jul-21	15-Jun-22	15	2							
KTD.SB.PDF.1011	Conduct FAT for RTBM and associated equipment	1	01-Jun-22	01-Jun-22	16-Jun-22	16-Jun-22	15	2							
KTD.SB.PDF.1020	Complete RTBM manufacturing, packing and deliver to HK	70	02-Jun-22	10-Aug-22	17-Jun-22	25-Aug-22	15	2							
KTD.SB.PDF.1030	Design/submit/approve steel mould for precast segment construction	73	01-Sep-21	12-Nov-21	06-Oct-21	17-Dec-21	35	2							
KTD.SB.PDF.1040	Procurement and manufacture steel mould and associated equipment	67	13-Nov-21	18-Jan-22	18-Dec-21	22-Feb-22	35	2							
KTD.SB.PDF.1050	Deliver steel mould and associated equipment to HK	28	19-Jan-22	15-Feb-22	23-Feb-22	22-Mar-22	35	2							
KTD.SB.PDF.1060	Assemble steel mould on casting yard	10	16-Feb-22	26-Feb-22	23-Mar-22	02-Apr-22	30	1							
KTD.SB.PDF.1070	Design/submit/approve gantry and associated equipment	20	26-Oct-21	14-Nov-21	29-Dec-21	17-Jan-22	64	2							
KTD.SB.PDF.1080	Procurement and manufacture gantry and associated equipment	34	15-Nov-21	18-Dec-21	18-Jan-22	20-Feb-22	64	2							
KTD.SB.PDF.1090	Pack/deliver gantry and associated equipment to HK	11	19-Dec-21	29-Dec-21	21-Feb-22	03-Mar-22	64	2							
KTD.SB.PDF.1100	Excavate/compact/cast gantry footing at Casting Yard	34	10-Nov-21	13-Dec-21	06-Jan-22	08-Feb-22	57	2							
KTD.SB.PDF.1110	Install gantry rail to footing and construct hard pavement for Casting Yard	20	14-Dec-21	06-Jan-22	09-Feb-22	03-Mar-22	43	1							
KTD.SB.PDF.1120	Backfill and compact rockfill layer for segment storage at Casting Yard	6	10-Jan-22	15-Jan-22	14-Apr-22	23-Apr-22	77	1							
KTD.SB.PDF.1130	Install gantry structure and associated equipment at Casting Yard and SAT	26	10-Jan-22	11-Feb-22	04-Mar-22	02-Apr-22	43	1							
KTD.SB.PDF.1140	Out-and-bend rebar delivery and trial fix for precast segment construction	14	28-Feb-22	15-Mar-22	04-Apr-22	23-Apr-22	30	1							
KTD.SB.PDF.1150	Submit/approval for CNP for working on Sunday and Holiday for casting precast segments	45	30-Jan-22	15-Mar-22	10-Mar-22	23-Apr-22	39	2							
KTD.SB.PDF.1160	Construct precast segments (49nos, 3days/unit, Working on Sunday & Holiday)	160	16-Mar-22	22-Aug-22	24-Apr-22	30-Sep-22	39	2							
PEDESTRIAN SUBWAY SB-01 AT KAI TAK AREA															
KTD.SB.1000	Liaison/coordinate with utility and service undertakings on diversion works (including CLP, DCS work and etc.)	180	22-Jul-20	17-Jan-21	03-Aug-20	29-Jan-21	12	2							
KTD.SB.1010	Conduct seismic geophysical survey for PERE (Night time, lane-by-lane, 11 night shift) and Kai Tak Area (Day time)	15	04-Nov-20	20-Nov-20	26-Jul-21	11-Aug-21	212	1							
KTD.SB.1020	Expose and demolish existing foundation caps and loading existing piles (1 team and forming working area)	66	06-Jan-21	26-Mar-21	11-Jan-21	31-Mar-21	4	1							
KTD.SB.1030	Formate working area and install protection to 132kV and Rising Main	18	27-Mar-21	21-Apr-21	01-Apr-21	26-Apr-21	4	1							
KTD.SB.1040	Remove existing piles (37 nos, using DN2500 x 27 nos, 1 team)	52	22-Apr-21	24-Jun-21	27-Apr-21	29-Jun-21	4	1							
KTD.SB.1050	Compact and formate the pile removal area for existing haul road diversion and install instrumentation	36	25-Jun-21	06-Aug-21	30-Jun-21	11-Aug-21	4	1							
KTD.SB.1060	Conduct diversion of existing 11kV cables by CLP	52	28-Jun-21	27-Aug-21	30-Jun-21	30-Aug-21	2	1							
KTD.SB.1070	Install sheetpile (FSP V, Lines BA, A-F, F-E, D-E, D-C, 30mH, 1710mm ² , Team A)	50	10-Aug-21	08-Oct-21	12-Aug-21	11-Oct-21	2	1							
KTD.SB.1075	Install sheetpile (FSP V, remaining at Line B-A and C-D and Line B-C, 30mH, 1190mm ² , Team B)	34	28-Aug-21	08-Oct-21	31-Aug-21	11-Oct-21	2	1							
KTD.SB.1080	Ground improvement works for break-in grout box (Vertical) and post-coring tests	60	09-Oct-21	18-Dec-21	22-Jul-22	30-Sep-22	230	1							
KTD.SB.1090	Excavate (GL@+6mPD to Strut 1@+5.0mPD, 520m ³ exca)	7	09-Oct-21	18-Oct-21	12-Oct-21	20-Oct-21	2	1							
KTD.SB.1100	Install Strut 1 and Excavate (Strut 1@+5.0mPD to Strut 2@+3.0mPD, 1560m ³ exca)	17	19-Oct-21	06-Nov-21	21-Oct-21	09-Nov-21	2	1							
KTD.SB.1110	Install Strut 2 and Excavate (Strut 2@+3.0mPD to Strut 3@+0.0mPD, 1300m ³ exca)	20	06-Nov-21	30-Nov-21	10-Nov-21	02-Dec-21	2	1							
KTD.SB.1120	Install Strut 3 and Excavate (Strut 3@+0.0mPD to Strut 4@-2.5mPD, 1300m ³ exca)	20	01-Dec-21	23-Dec-21	09-Dec-21	28-Dec-21	2	1							
KTD.SB.1130	Install Strut 4 and Excavate (Strut 4@-2.5mPD to Strut 5@-5.0mPD, 1300m ³ exca)	20	24-Dec-21	19-Jan-22	29-Dec-21	21-Jan-22	2	1							
KTD.SB.1140	Install Strut 5 and Excavate (Strut 5@-5.0mPD to Strut 6@-8.0mPD, 1300m ³ exca)	20	20-Jan-22	15-Feb-22	22-Jan-22	17-Feb-22	2	1							
KTD.SB.1150	Install Strut 6 and Excavate (Strut 6@-8.0mPD to FEL@-9.8mPD, 1040m ³ exca)	20	16-Feb-22	10-Mar-22	18-Feb-22	12-Mar-22	2	1							
KTD.SB.1160	Construct RC structure of base slab and kicker (up to -8.0mPD, 540m ³ conc)	35	11-Mar-22	25-Apr-22	14-Mar-22	27-Apr-22	2	1							
KTD.SB.1170	Backfill and remove strut 6@-7.5mPD	6	26-Apr-22	23-May-22	28-Apr-22	05-May-22	2	1							
KTD.SB.1180	Construct RC structure of wall 1 (up to -5.0mPD, 250m ³ conc)	15	04-May-22	21-May-22	06-May-22	24-May-22	2	1							
KTD.SB.1190	Backfill and remove strut 5@-4.5mPD	6	23-May-22	28-May-22	25-May-22	31-May-22	2	1							
KTD.SB.1200	Construct RC structure of wall 2 (up to -2.5mPD, 200m ³ conc)	15	30-May-22	16-Jun-22	01-Jun-22	18-Jun-22	2	1							
KTD.SB.1210	Backfill and remove strut 4@-2.0mPD	6	17-Jun-22	23-Jun-22	20-Jun-22	25-Jun-22	2	1							

- ▼ Milestone
- ▼ Critical Milestone
- Planned Work
- Summary
- Critical Remaining Work

Rev. 48
ED/2018/05 Kai Tak Development - Stage 5B Infrastructure Works at the Former North Apron Area
WORKS PROGRAMME

Date	Revision	Checked	Approved
27-Jun-24	Works Programme	HL	RL
21-Aug-24	Works Programme	HL	RL
05-Oct-24	Works Programme	HL	RL



Activity ID	Activity Name	Dur (d)	Early Start	Early Finish	Late Start	Late Finish	Total Float	Calendar	2020	2021	2022	2023	2024	2025	2026
KTD.MS.1020	Piling works for pre-bored H-piles (4 nos, 610dia x 75m, 1 rig)	75	28-Aug-21	26-Nov-21	22-Feb-22	26-May-22	143	1	J	A	S	O	N	D	
KTD.MS.1021	Post-piling works tests (proof-drilling and load test)	18	27-Nov-21	17-Dec-21	27-May-22	17-Jun-22	143	1							
KTD.MS.1027	Demolition of existing subway structures (inclu. staircase and partial ramp)	78	18-Dec-21	25-Mar-22	18-Jun-22	19-Sep-22	143	1							
KTD.MS.1030	Installation of ELS for construction of entrance at Road D1 (77m ELS, 900m ³ exca, 1 teams)	39	26-Mar-22	17-May-22	20-Sep-22	05-Nov-22	143	1							
KTD.MS.1040	Construction of FC structures (inclu. lift shaft, staircase, pump house and etc.) (365m ³ , 1 team)	104	18-May-22	19-Sep-22	07-Nov-22	13-Mar-23	143	1							
KTD.MS.1045	Backfilling of ELS to ground level	78	20-Sep-22	21-Dec-22	08-Jul-23	09-Oct-23	235	1							
KTD.MS.1060	Site clearance and demolition of remaining existing furnitures at existing subway under Road D1	26	20-Sep-22	21-Oct-22	08-Jun-23	07-Jul-23	209	1							
KTD.MS.1070	Construct roof and floor finishes along existing subway under Road D1	39	22-Oct-22	09-Dec-22	08-Jul-23	22-Aug-23	209	1							
KTD.MS.1080	Install VE panels and its sub-frame along existing subway under Road D1	26	07-Dec-22	09-Jan-23	10-Nov-23	09-Dec-23	274	1							
KTD.MS.1090	Install steel frame of shelter for new staircase and lift shaft	39	07-Dec-22	25-Jan-23	23-Aug-23	09-Oct-23	209	1							
KTD.MS.1100	Construct wall/floor finishes for new staircase	52	27-Jan-23	23-Mar-23	10-Oct-23	09-Dec-23	209	1							
KTD.MS.1110	Lift and other E&M installation, testing and commissioning	156	29-Mar-23	07-Oct-23	11-Dec-23	22-Jun-24	209	1							
KTD.MS.2000	Implement TTA (Phase 1) for closing half Ramp 2, existing staircase@TKL Rd and LHS of subway part	12	16-Jun-22	29-Jun-22	05-Dec-22	17-Dec-22	143	1							
KTD.MS.2010	Demolition of existing wall tiles at staircases, floor finishes and furnitures, incl handrail/guardrail/lightings	26	30-Jun-22	30-Jul-22	19-Dec-22	20-Jan-23	143	1							
KTD.MS.2020	Construct wall/floor finishes for half Ramp 2 and existing staircase@TKL Rd	39	01-Aug-22	15-Sep-22	21-Jan-23	09-Mar-23	143	1							
KTD.MS.2030	Construct roof and floor finishes along LHS of subway part	45	16-Sep-22	09-Nov-22	10-Mar-23	08-May-23	143	1							
KTD.MS.2040	Install VE panels and its sub-frame along LHS of subway part	39	10-Nov-22	24-Dec-22	08-May-23	23-Jun-23	143	1							
KTD.MS.2050	Advance works for installing steel shelter for existing staircase@TKL Rd	18	31-Aug-22	21-Sep-22	04-Apr-23	28-Apr-23	177	1							
KTD.MS.2060	Implement TTA for lift and install main steel frame of shelter for existing staircase@TKL Rd (Nightwork maybe required)	26	22-Sep-22	24-Oct-22	29-Apr-23	31-May-23	177	1							
KTD.MS.2070	Install remaining steel members, glass balustrade, shelter roof top and ancillary facilities	65	25-Oct-22	11-Jan-23	01-Jun-23	17-Aug-23	177	1							
KTD.MS.2080	Install partial E&M works inclu lighting and drainage system and steel light trough for LHS subway part	52	12-Dec-22	15-Feb-23	09-Jun-23	10-Aug-23	143	1							
KTD.MS.2090	Site clearance for open the completed part to public	6	16-Feb-23	22-Feb-23	11-Aug-23	17-Aug-23	143	1							
KTD.MS.2100	Implement TTA (Phase 2) for closing 2nd half Ramp 2, full Ramp 1 and RHS of subway part	12	23-Feb-23	09-Mar-23	18-Aug-23	31-Aug-23	143	1							
KTD.MS.2110	Demolition of existing wall tiles at staircases, floor finishes and furnitures, incl handrail/guardrail/lightings	26	09-Mar-23	12-Apr-23	01-Sep-23	03-Oct-23	143	1							
KTD.MS.2120	Construct wall/floor finishes for 2nd half Ramp 2 and full Ramp 1	39	13-Apr-23	30-May-23	04-Oct-23	18-Nov-23	143	1							
KTD.MS.2130	Construct roof and floor finishes along RHS of subway part	45	31-May-23	24-Jul-23	20-Nov-23	13-Jan-24	143	1							
KTD.MS.2140	Install VE panels and its sub-frame along RHS of subway part	39	25-Jul-23	07-Sep-23	15-Jan-24	01-Mar-24	143	1							
KTD.MS.2150	Advance works for installing steel shelters for Ramp 2 and Ramp 1 (Nightwork maybe required)	18	15-May-23	05-Jun-23	23-Jan-24	14-Feb-24	208	1							
KTD.MS.2160	Implement TTA for lift and install main steel frame of shelter for Ramp 2 and Ramp 1 (Nightwork maybe required)	39	06-Jun-23	22-Jul-23	15-Feb-24	03-Apr-24	208	1							
KTD.MS.2170	Install remaining steel members, glass balustrade, shelter roof top and ancillary facilities	65	24-Jul-23	09-Oct-23	05-Apr-24	22-Jun-24	208	1							
KTD.MS.2180	Install remaining E&M works incl. lighting and drainage system and steel light trough for RHS subway part	52	25-Aug-23	27-Oct-23	17-Feb-24	22-Apr-24	143	1							
KTD.MS.9000	Advanced Completion of modification of existing Subway KS10	61	28-Oct-23	27-Dec-23	23-Apr-24	22-Jun-24	178	2							
KTD.MS.9999	Planned Completion of modification of existing Subway KS10 (Related to Section 3)	0		27-Dec-23		22-Jun-24	178	2							
CONSTRUCTION OF DISTRICT COOLING SYSTEM WORKS															
KTD.DCS.1000	Liaison/coordinate with utility and service undertakings on connection works of DCS works	180	27-Mar-21	22-Sep-21	14-Apr-21	10-Oct-21	18	2							
KTD.DCS.1010	Allow time frame for CLP new 12kV cable laying works at Road L9 (Refer to Programme provided by CLP on 16 Jun 2021)	48	11-Oct-21	09-Dec-21	11-Oct-21	06-Dec-21	0	1							
KTD.DCS.1020	Install ELS and excavate from SV-S2A5B to CH280	49	07-Dec-21	09-Feb-22	07-Dec-21	08-Feb-22	0	1							
KTD.DCS.1030	Construct chamber and install pipe&fitting of SV-S2A5B	38	09-Feb-22	23-May-22	09-Feb-22	28-May-22	0	1							
KTD.DCS.1040	Install pipeline from SV-S2A5B to CH280 (52mL, 14 joints)	24	30-May-22	27-Jun-22	30-May-22	27-Jun-22	0	1							
KTD.DCS.1041-PM187-A	Observed and email informed the clash of existing box culvert and DN800 pipe with DCS CH285 to CH280	0	28-Jun-22	25-Jun-22	27-Jun-22	27-Jun-22	0	1							
KTD.DCS.1041-PM187-B	Formation of site to excavate and expose the existing box culvert	18	28-Jun-22	19-Jul-22	28-Jun-22	19-Jul-22	0	1							
KTD.DCS.1041-PM187-C	Liaison with CLP for Slowing of low voltage power cable above existing box culvert	43	20-Jul-22	07-Sep-22	20-Jul-22	07-Sep-22	0	1							
KTD.DCS.1041-PM187-D	Construction of observing opening and pumping of still water within the abandoned existing box culvert	23	08-Sep-22	07-Oct-22	08-Sep-22	07-Oct-22	0	1							
KTD.DCS.1041-PM187-E	Reviewing Design by AACL for Demolition and End Wall Construction of Existing Box Culvert, DN800 and DN1200	28	08-Oct-22	09-Nov-22	08-Oct-22	09-Nov-22	0	1							
KTD.DCS.1041-PM187-F	Receive drawing for removal of existing box culvert and drainage pipes at road L9 by Email	0	10-Nov-22	10-Nov-22	09-Nov-22	09-Nov-22	0	1							
KTD.DCS.1041-PM187-G	Demolition of Existing Box Culvert, DN800, DN1200 and Construction of End Wall	15	10-Nov-22	26-Nov-22	10-Nov-22	26-Nov-22	0	1							
KTD.DCS.1041-PM187-H	Additional time required to backfill, compact and completed install pipeline from SV-S2A5B to CH280	39	28-Nov-22	14-Jan-23	28-Nov-22	14-Jan-23	0	1							
KTD.DCS.1050	Backfilling for trench from SV-S2A5B to CH280	25	16-Jan-23	15-Feb-23	16-Jan-23	15-Feb-23	0	1							
KTD.DCS.1060	Install ELS and excavate from CH10 to SV-S2A10/CH334	20	16-Feb-23	10-Mar-23	16-Feb-23	10-Mar-23	0	1							
KTD.DCS.1070	Construct chamber and install pipe&fitting of SV-S2A10	39	11-Mar-23	30-Jun-23	11-Mar-23	30-Jun-23	0	1							
KTD.DCS.1080	Backfilling for trench from CH310 to SV-S2A10	20	03-Jul-23	25-Jul-23	03-Jul-23	25-Jul-23	0	1							
KTD.DCS.1090	Construct ducting and drawpits from SV-S2A5B/SV-S2A10 to CH280	25	26-Jul-23	23-Aug-23	26-Jul-23	23-Aug-23	0	1							
KTD.DCS.1100	Install ELS and excavate from SV-S2A5A/CH190 to CH280	50	20-Sep-22	30-Nov-22	20-Sep-22	30-Nov-22	0	1							
KTD.DCS.1110	Construct chamber and install pipe&fitting of SV-S2A5A	31	01-Dec-22	22-Mar-23	01-Dec-22	22-Mar-23	0	1							
KTD.DCS.1120	Install pipeline from SV-S2A5A to CH220	30	23-Mar-23	02-May-23	23-Mar-23	02-May-23	0	1							
KTD.DCS.1130	Implementation of TTA for existing roundabout at Olympic Avenue	7	01-Dec-22	08-Dec-22	06-Jan-23	13-Jan-23	28	1							
KTD.DCS.1140	Site clearance, cable detection and trial pit excavation at existing public road at Olympic Avenue	21	09-Dec-22	05-Jan-23	14-Jan-23	09-Feb-23	28	1							
KTD.DCS.1150	Install ELS and excavate from CH220 to CH280	52	06-Jan-23	09-Mar-23	10-Feb-23	15-Apr-23	28	1							
KTD.DCS.1160	Install pipeline from CH220 to CH280	26	10-Mar-23	13-Apr-23	17-Apr-23	17-May-23	28	1							
KTD.DCS.1170	Backfilling for trench from SV-S2A5A to CH280	32	03-May-23	09-Jun-23	18-May-23	26-Jun-23	13	1							
KTD.DCS.1180	Construct ducting and drawpits from CH-V-S2A5A to CH100	51	24-Aug-23	25-Oct-23	24-Aug-23	25-Oct-23	0	1							
KTD.DCS.1190	Install ELS and excavate from SV-S2A4/CH100 to CH 99	52	22-Feb-23	27-Apr-23	05-Jun-23	05-Aug-23	82	1							
KTD.DCS.1200	Construct chamber and install pipe&fitting of SV-S2A4	90	24-Mar-23	15-Jul-23	07-Jul-23	21-Oct-23	82	1							
KTD.DCS.1210	Install pipeline from SV-S2A4 to CH190	65	14-Jun-23	30-Aug-23	20-Sep-23	07-Dec-23	82	1							
KTD.DCS.1220	Backfilling for trench from SV-S2A4 to CH190	26	16-Aug-23	14-Sep-23	23-Nov-23	22-Dec-23	82	1							
KTD.DCS.1230	Install ELS and excavate from CH0 to CH100	52	22-Feb-23	27-Apr-23	07-Jun-23	08-Aug-23	84	1							
KTD.DCS.1240	Install pipeline from CH0 to CH100	26	28-Apr-23	30-May-23	09-Aug-23	07-Sep-23	84	1							
KTD.DCS.1250	Backfill for trench from CH0 to CH100	38	31-May-23	15-Jul-23	08-Sep-23	25-Oct-23	84	1							
KTD.DCS.1260	Construct ducting and drawpits from CH100 to CH0 and existing drawpit	25	26-Oct-23	23-Nov-23	26-Oct-23	23-Nov-23	0	1							
KTD.DCS.1270	T&C of the installed DCS pipes before connection to existing DCS system	25	24-Nov-23	22-Dec-23	24-Nov-23	22-Dec-23	0	1							
KTD.DCS.1280	Planned Completion of DCS works within Parts 1 and 1A(Related to Section 9)	0		22-Dec-23		22-Dec-23	0	2							
RENOVATION OF EXISTING SUBWAYS KS9 AND KS32															
KTD.RS.1000	Liaison with UAP project and relevant departments for pcassession approval/consent	366	31-Jul-20	31-Jul-21	05-Oct-20	05-Oct-21	66	2							

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Date	Revision	Checked	Approved
27-Jun-24	Works Programme	HL	RL
21-Aug-24	Works Programme	HL	RL
05-Oct-24	Works Programme	HL	RL

Activity ID	Activity Name	Dur (d)	Early Start	Early Finish	Late Start	Late Finish	Total Float	Calendar	20	2021	2022	2023	2024	2025	2026
KTD.RS.1001	Prepare/submit of TTA for KS9 and KS32	45	01-Aug-21	14-Sep-21	06-Oct-21	19-Nov-21	66	2	J	A	S	O	N	D	
KTD.RS.1002	Submission for MS/Shop Drawings/Material for shelter for KS9 and KS32	63	16-Aug-21	17-Oct-21	21-Oct-21	22-Dec-21	66	2		J	F	M	A	M	J
KTD.RS.1003	Off-site fabrication of shelter for KS9 and KS32	90	18-Oct-21	5-Jan-22	01-Mar-22	29-May-22	134	2		J	F	M	A	M	J
KTD.RS.1010	Application of XP for renovation works of existing subway KS9 and KS32	153	18-Aug-21	7-Jan-22	13-Jul-21	12-Dec-21	-36	2		J	F	M	A	M	J
RENOVATION OF EXISTING SUBWAY KS32		550	18-Jun-22	24-Nov-23	16-Dec-21	22-Feb-24	72								
KTD.KS32.1000	Implement TTA (Phase 1) for closing staircases at both sides and one side of Subway KS32	6	18-Jan-22	24-Jan-22	16-Dec-21	22-Dec-21	-25	1							
KTD.KS32.1010	Site clearance and erect temporary partition along Subway KS9 for working area	29	25-Jan-22	02-Mar-22	23-Dec-21	28-Jan-22	-25	1							
KTD.KS32.1020	Demolition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights	63	03-Mar-22	21-May-22	29-Jan-22	20-Apr-22	-25	1							
KTD.KS32.1025	Construct wall and floor finishes at both staircases	29	06-May-22	10-Jun-22	01-Apr-22	11-May-22	-25	1							
KTD.KS32.1030	Construct roof and floor finishes along LHS of subway part	65	11-Jun-22	26-Aug-22	31-May-22	16-Aug-22	-9	1							
KTD.KS32.1040	Install VE panel and its sub-frame along LHS of subway part	39	27-Aug-22	14-Oct-22	17-Aug-22	03-Oct-22	-9	1							
KTD.KS32.1050	Advance works for installing steel shelters for both sides staircases	15	11-Jun-22	28-Jun-22	12-May-22	28-May-22	-25	1							
KTD.KS32.1060	Implement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	24	04-Jul-22	30-Jul-22	30-May-22	27-Jun-22	-28	1							
KTD.KS32.1070	Install remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases	81	01-Aug-22	05-Nov-22	28-Jun-22	03-Oct-22	-28	1							
KTD.KS32.1080	Install partial E&M works incl lighting and drainage system and steel light trough for LHS of subway part	68	07-Nov-22	30-Jan-23	05-Oct-22	22-Dec-22	-28	1							
KTD.KS32.1090	Implement TTA (Phase 2) for closing RHS of subway part	15	31-Jan-23	16-Feb-23	23-Dec-22	12-Jan-23	-28	1							
KTD.KS32.1100	Site clearance and erect temporary partition along subway part for working area	16	17-Feb-23	07-Mar-23	13-Jan-23	02-Feb-23	-28	1							
KTD.KS32.1110	Demolition of existing floor finishes and fumitures, incl lighting	29	08-Mar-23	14-Apr-23	03-Feb-23	08-Mar-23	-28	1							
KTD.KS32.1120	Construct roof and floor finishes along RHS of subway part	68	15-Apr-23	27-Jul-23	09-Mar-23	02-Jun-23	-28	1							
KTD.KS32.1130	Install VE panels along RHS of subway part	42	08-Jul-23	25-Aug-23	03-Jun-23	24-Jul-23	-28	1							
KTD.KS32.1140	Install remaining E&M works incl lighting and drainage system and steel light trough at Subway KS9	55	28-Aug-23	01-Nov-23	25-Jul-23	26-Sep-23	-28	1							
KTD.RS.1030	Planned Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1)	0		01-Nov-23		26-Sep-23	-36	2							
KTD.RS.1040	Advance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1)	23	02-Nov-23	24-Nov-23	31-Jan-24	22-Feb-24	90	2							
RENOVATION OF EXISTING SUBWAY KS9		419	18-Jan-22	17-Jun-23	13-Dec-21	26-Sep-23	64	1							
KTD.KS9.1000	Implement TTA (Phase 1) for closing staircases at both sides and LHS of subway part	6	18-Jan-22	24-Jan-22	13-Dec-21	18-Dec-21	-28	1							
KTD.KS9.1010	Site clearance and erect temporary partition along subway part for working area	29	25-Jan-22	02-Mar-22	20-Dec-21	25-Jan-22	-28	1							
KTD.KS9.1020	Demolition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights	42	03-Mar-22	25-Apr-22	26-Jan-22	18-Mar-22	-28	1							
KTD.KS9.1025	Construct wall and floor finishes at both staircases	29	07-Apr-22	16-May-22	04-Mar-22	07-Apr-22	-28	1							
KTD.KS9.1030	Construct roof and floor finishes along LHS of subway part	45	17-May-22	09-Jul-22	06-Oct-22	26-Nov-22	117	1							
KTD.KS9.1040	Install VE panels and its sub-frame along LHS of subway part	26	11-Jul-22	09-Aug-22	28-Nov-22	23-Dec-22	117	1							
KTD.KS9.1050	Advance works for installing steel shelters for both sides staircases	15	17-May-22	02-Jun-22	08-Apr-22	28-Apr-22	-28	1							
KTD.KS9.1055	Implement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	24	04-Jun-22	02-Jul-22	29-Apr-22	28-May-22	-28	1							
KTD.KS9.1060	Install remaining steel members, glass balustrade, shelter roof top and ancillary facilities	65	04-Jul-22	17-Sep-22	13-Oct-22	29-Dec-22	84	1							
KTD.KS9.1070	Install partial E&M works incl lighting and drainage system and steel light trough for LHS of subway part	52	19-Sep-22	19-Nov-22	30-Dec-22	03-Mar-23	84	1							
KTD.KS9.1080	Implement TTA (Phase 2) for closing RHS of subway part	12	21-Nov-22	03-Dec-22	04-Mar-23	17-Mar-23	84	1							
KTD.KS9.1090	Site clearance and erect temporary partition along subway part for working area	13	05-Dec-22	19-Dec-22	18-Mar-23	01-Apr-23	84	1							
KTD.KS9.1100	Demolition of existing floor finishes and fumitures, incl lighting	21	20-Dec-22	16-Jan-23	03-Apr-23	02-May-23	84	1							
KTD.KS9.1110	Construct roof and floor finishes along RHS of subway part	45	17-Jan-23	11-Mar-23	03-May-23	26-Jun-23	84	1							
KTD.KS9.1120	Install VE panels along RHS of subway part	26	13-Mar-23	15-Apr-23	27-Jun-23	27-Jul-23	84	1							
KTD.KS9.1130	Install remaining E&M works incl lighting and drainage system and steel light trough at Subway KS9	52	17-Apr-23	17-Jun-23	28-Jul-23	26-Sep-23	84	1							
DIVERSION OF EXISTING RISING MAIN AND DEMOLITION OF EXISTING STRUCTURES AT SITE 2C2 & 2C3		373	16-Sep-20	17-Dec-21	17-Sep-20	17-Dec-21	0								
KTD.RM.1000	Liasion with relevant departments for removal of abandoned motorcycles under existing structures at Site 2C2 and 2C3	60	16-Sep-20	14-Nov-20	17-Sep-20	15-Nov-20	1	2							
KTD.RM.1001	Removal of abandoned motorcycles and clearance for demolition works	14	16-Nov-20	01-Dec-20	16-Nov-20	01-Dec-20	0	1							
KTD.RM.1002	Conduct asbestos survey and submission of ARA/AP to SPD for approval	37	02-Dec-20	07-Jan-21	02-Dec-20	07-Jan-21	0	2							
KTD.RM.1003	Submit notification of commencement of removal works of asbestos at existing cottage at Site 2C2 and 2C3	27	08-Jan-21	03-Feb-21	08-Jan-21	03-Feb-21	0	2							
KTD.RM.1004	Erect scaffold and demolition of existing RC structure at Site 2C2 and 2C3	39	08-Jan-21	25-Feb-21	20-Jan-21	09-Mar-21	10	1							
KTD.RM.1005	Erect protection, removal of asbestos and demolition of existing cottage at Site 2C2 and 2C3	26	04-Feb-21	09-Mar-21	04-Feb-21	09-Mar-21	0	1							
KTD.RM.1011	Trial pit excavation to locate existing twin rising main at CH0 and CH184 (1 team)	12	10-Mar-21	23-Mar-21	10-Mar-21	23-Mar-21	0	1							
KTD.RM.1012	Open-cut excavation for construction of twin rising main from CH0 to CH184 (175mL, 3500m3 exca, 1 team)	63	24-Mar-21	11-Jun-21	24-Mar-21	11-Jun-21	0	1							
KTD.RM.1020	Lay and install pipeworks and cast thrust blocks for twin rising main from CH0 to CH184 (184mL)	115	17-Apr-21	02-Sep-21	17-Apr-21	02-Sep-21	0	1							
KTD.RM.1021	Install ELS and excavate for connection pit for twin rising main at CH0 and CH184 (20mL, 960m3 exca, 1 team)	39	19-Aug-21	05-Oct-21	19-Aug-21	05-Oct-21	0	1							
KTD.RM.1025	Cut existing rising main, lay and install pipeworks and cast thrust blocks for connection of Pipeline 1	18	06-Oct-21	27-Oct-21	06-Oct-21	27-Oct-21	0	1							
KTD.RM.1027	Cut existing rising main, lay and install pipeworks and cast thrust blocks for connection of Pipeline 2	18	28-Oct-21	17-Nov-21	28-Oct-21	17-Nov-21	0	1							
KTD.RM.1030	Backfilling works and abandon the existing sewage rising main	26	18-Nov-21	17-Dec-21	18-Nov-21	17-Dec-21	0	1							
KTD.RM.1040	Planned Completion of diversion and demolition of existing structures at Site 2C2 and 2C3 (Related to Section 5)	0		17-Dec-21		17-Dec-21	0	2							
CONSTRUCTION OF ROAD WORKS		1342	31-Jul-20	31-Feb-25	07-Apr-20	30-Jun-25	412								
CONSTRUCTION OF SLIP ROAD S14		707	31-Jul-20	15-Dec-22	14-Feb-22	30-Jun-25	1047								
KTD.SR.1000	Liasion/coordinate with utility and service undertakings on diversion works (including CLP, DCS work and etc.)	180	31-Jul-20	26-Jan-21	14-Feb-22	12-Aug-22	563	2							
KTD.SR.1010	Expose and install protect/support system for existing underground utilities and services (incl 132kV and 400kV cables)	104	21-Oct-20	26-Feb-21	07-May-22	08-Sep-22	454	1							
KTD.SR.1020	Pre-drilling works for pile caps PC1, PC2 and south side of PC3 to PC7 (14 nos, 2 rigs)	131	27-Nov-20	11-May-21	15-Mar-22	23-Aug-22	382	1							
KTD.SR.1030-CSD2	Pre-drilling works for pile caps north side of PC3 to PC7 (10 nos, 2 rigs)	1	12-May-21	12-May-21	23-Aug-22	24-Aug-22	382	1							
KTD.SR.1031-CSD2	Submission/approval for CSD Proposal and Detail Design Report by the Employer/relevant authorities	132	26-Nov-20	12-May-21	14-Mar-22	23-Aug-22	382	1							
KTD.SR.1032-CSD2	Expose existing 132kV and 400kV cables, remove existing abandoned chamber and install protection to existing duct banks	26	12-May-21	11-Jun-21	24-Aug-22	23-Sep-22	382	1							
KTD.SR.1040-CSD2	Piling works of pre-bored H-piles (14 nos, 610dia x 70m, 1 rig)	70	29-May-21	20-Aug-21	09-Sep-22	02-Dec-22	382	1							
KTD.SR.1050	Installation of ELS and excavation and construction for pile cap PC1 (60m3 exca, 30m3 conc, 1 team)	26	21-Aug-21	20-Sep-21	03-Dec-22	05-Jan-23	382	1							
KTD.SR.1060	Construction of temporary supporting system for existing bridge K73	39	21-Sep-21	08-Nov-21	10-Oct-23	24-Nov-23	607	1							
KTD.SR.1070	Demolition of existing bearing wall	26	09-Nov-21	08-Dec-21	25-Nov-23	27-Dec-23	607	1							
KTD.SR.1080	Installation of ELS and excavation and construction for pile cap PC2 (60m3 exca, 30m3 conc, 1 team)	26	09-Dec-21	11-Jan-22	28-Dec-23	27-Jan-24	607	1							
KTD.SR.1090	Construction of remaining foundation and pier structures (incl. columns, portal beams and etc.) (189m3, 1 team)	52	12-Jan-22	16-Mar-22	29-Jan-24	03-Apr-24	607	1							
KTD.SR.1100	Construction of cantilever slab extended from ext. bridge K73 (150m3, 1 team)	39	17-Mar-22	26-May-22	05-Apr-24	22-May-24	607	1							
KTD.SR.1110	Backfilling for pile caps (PC1 and PC2)	26	07-May-22	08-Jun-22	23-May-24	22-Jun-24	607	1							
KTD.SR.2000-CSD2	Piling works of pre-bored H-piles (31 nos, 610dia x 80m, 1 rig)	125	21-Aug-21	20-Jan-22	03-Jan-23	06-Jun-23	405	1							
KTD.SR.2001-CSD2	Site clearance, post-piling tests and proof drilling works for pre-bored H-piles (3 tests and 2 proof drills)	26	21-Jan-22	23-Feb-22	30-May-25	30-Jun-25	1289	1							

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Milestone
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Date	Revision	Checked	Approved
27-Jun-24	Works Programme	HL	RL
21-Aug-24	Works Programme	HL	RL
05-Oct-24	Works Programme	HL	RL

Activity ID	Activity Name	Dur (d)	Early Start	Early Finish	Late Start	Late Finish	Total Float	Calendar	20	2021	2022	2023	2024	2025	2026
KTD.L9.2150	Construct carflageway pavement (Bitumen pavement) at Junction of Road L9 & Olympic Avenue within Part 1	21	09-Feb-23	04-Mar-23	14-Sep-22	10-Oct-22	-120	1		J	A	S	O	N	D
CONSTRUCTION OF UNDERGROUND UTILITIES AND ROADWORKS AT OLYMPIC AVENUE WITHIN PART 1 (XP AREA)										J	F	M	A	M	J
KTD.OLY.2000	Implement TTA for stormwater drainage works at Oly Ave E/B and W/B (Phase 1) and UU detection	5	06-Mar-23	10-Mar-23	11-Oct-22	15-Oct-22	-120	1							
KTD.OLY.2010	Excavate and construct stormwater drainage from SMH1031 to SMH1031 and SMH1042 to SMH100B and associated drain	21	11-Mar-23	04-Apr-23	17-Oct-22	09-Nov-22	-120	1							
KTD.OLY.2020	Install and construct gully and associated drain pipes at Oly Ave E/B and W/B (Phase 1)	11	06-Apr-23	21-Apr-23	10-Nov-22	22-Nov-22	-120	1							
KTD.OLY.2030	Construct road kerb and central divider at Oly Ave E/B and W/B (Phase 1)	13	22-Apr-23	08-May-23	23-Nov-22	07-Dec-22	-120	1							
KTD.OLY.2040	Construct carflageway pavement (Bitumen pavement) at Oly Ave E/B and W/B (Phase 1)	21	09-May-23	02-Jun-23	08-Dec-22	04-Jan-23	-120	1							
KTD.OLY.2050	Remove TTA and implement TTA for stormwater drainage works at Oly Ave E/B and W/B (Phase 2) and UU detection	6	03-Jun-23	09-Jun-23	05-Jan-23	11-Jan-23	-120	1							
KTD.OLY.2060	Excavate and construct stormwater drainage from SMH1031 to SMH1030A and SMH100B to SMH100 and associated drain	21	10-Jun-23	06-Jul-23	12-Jan-23	07-Feb-23	-120	1							
KTD.OLY.2070	Install and construct gully and associated drain pipes at Oly Ave E/B and W/B (Phase 2)	11	07-Jul-23	19-Jul-23	08-Feb-23	20-Feb-23	-120	1							
KTD.OLY.2080	Construct road kerb and central divider at Oly Ave E/B and W/B (Phase 2)	13	20-Jul-23	03-Aug-23	21-Feb-23	07-Mar-23	-120	1							
KTD.OLY.2090	Construct carflageway pavement (Bitumen pavement) at Oly Ave E/B and W/B (Phase 2)	21	04-Aug-23	28-Aug-23	08-Mar-23	31-Mar-23	-120	1							
KTD.OLY.2100	Remove TTA and implement TTA for FWM/SWM at Oly Ave W/B (Phase 3) and UU detection	6	29-Aug-23	04-Sep-23	01-Apr-23	12-Apr-23	-120	1							
KTD.OLY.2110	Excavate and construct FWM/SWM from CH360 to CH300 and associated tees with chambers	15	05-Sep-23	21-Sep-23	13-Apr-23	29-Apr-23	-120	1							
KTD.OLY.2120	Backfill and construct carflageway pavement (Bitumen pavement) at Oly Ave W/B (Phase 3)	13	22-Sep-23	09-Oct-23	02-May-23	16-May-23	-120	1							
KTD.OLY.2130	Remove TTA and implement TTA for FWM/SWM at Oly Ave W/B and E/B (Phase 4) and UU detection	6	10-Oct-23	16-Oct-23	17-May-23	23-May-23	-120	1							
KTD.OLY.2140	Excavate and construct FWM/SWM from CH300 to CH4100 and associated tees with chambers	21	17-Oct-23	10-Nov-23	24-May-23	17-Jun-23	-120	1							
KTD.OLY.2150	Backfill and construct carflageway pavement (Bitumen pavement) at Oly Ave W/B and E/B (Phase 4)	19	11-Nov-23	02-Dec-23	19-Jun-23	12-Jul-23	-120	1							
KTD.OLY.2160	Remove TTA and implement TTA for FWM/SWM at Sung Wong Toi Road S/B (Phase 5) and UU detection	6	04-Dec-23	09-Dec-23	13-Jul-23	19-Jul-23	-120	1							
KTD.OLY.2170	Excavate and construct FWM/SWM from CH4100 to CH40 and associated tees with chambers	21	11-Dec-23	06-Jan-24	20-Jul-23	12-Aug-23	-120	1							
KTD.OLY.2180	FWM/SWM pipeline washing and testing for connection	11	08-Jan-24	19-Jan-24	14-Aug-23	25-Aug-23	-120	1							
KTD.OLY.2190	Backfill and construct carflageway pavement (Bitumen pavement) at Sung Wong Toi Road S/B (Phase 5)	21	20-Jan-24	15-Feb-24	26-Aug-23	19-Sep-23	-120	1							
KTD.OLY.2200	Site clearance and remove TTA to resume traffic	6	16-Feb-24	22-Feb-24	20-Sep-23	26-Sep-23	-120	1							
KTD.OLY.2210	Planned completion of underground utilities and roadworks at Olympic Avenue within Part 1 (related to Section 1)	0		22-Feb-24		26-Sep-23	-149	2							
CONSTRUCTION OF PEDESTRIAN ACCESS FROM L9 TO OLYMPIC AVENUE WITHIN PART 1 (XP AREA)															
KTD.OLY.2220	Demolish and remove site hoarding from Road L9 to Olympic Avenue within Part 1	15	29-Nov-22	15-Dec-22	19-Aug-22	05-Sep-22	-84	1							
KTD.OLY.2230	Site clearance and relocate construction material stockpile at Storage Yard	15	16-Dec-22	05-Jan-23	06-Sep-22	23-Sep-22	-84	1							
KTD.OLY.2240	Excavate and construct u-channels and connect to stormwater drainage system	29	06-Jan-23	10-Feb-23	24-Sep-22	29-Oct-22	-84	1							
KTD.OLY.2250	Install and construct road lighting and drawlits civil provisions from Road L9 to Olympic Avenue within Part 1	21	11-Feb-23	07-Mar-23	31-Oct-22	23-Nov-22	-84	1							
KTD.OLY.2260	Allowable time frame for UU undertakings to install ducts/pipes/chambers from Road L9 to Olympic Avenue within Part 1	29	08-Mar-23	14-Apr-23	24-Nov-22	29-Dec-22	-84	1							
KTD.OLY.2270	Backfill and compact to formation level for road works	29	15-Apr-23	19-May-23	30-Dec-22	04-Feb-23	-84	1							
KTD.OLY.2280	Backfill and compact sub-base material for road works	29	20-May-23	24-Jun-23	06-Feb-23	10-Mar-23	-84	1							
KTD.OLY.2290	Lay paving blocks for pedestrian access from Road L9 to Olympic Avenue within Part 1	42	26-Jun-23	14-Aug-23	11-Mar-23	04-May-23	-84	1							
KTD.OLY.2300	Implement TTA for closing existing pedestrian access from Road L9 to Oly Ave within Part 1 and divert to new access	4	15-Aug-23	18-Aug-23	05-May-23	09-May-23	-84	1							
KTD.OLY.2310	Remove existing paving blocks, excavate and install irrigation pipeline from Road L9 to Olympic Avenue within Part 1	21	19-Aug-23	12-Sep-23	10-May-23	03-Jun-23	-84	1							
KTD.OLY.2320	Construct road kerb and planter in Road L9 to Olympic Avenue within Part 1	29	13-Sep-23	18-Oct-23	05-Jun-23	10-Jul-23	-84	1							
KTD.OLY.2330	Laying paving blocks for pedestrian access in Road L9 to Olympic Avenue within Part 1	29	19-Oct-23	22-Nov-23	11-Jul-23	12-Aug-23	-84	1							
KTD.OLY.2340	Install road furniture, road markings and landscaping works from Road L9 to Olympic Avenue within Part 1	38	23-Nov-23	09-Jan-24	14-Aug-23	26-Sep-23	-84	1							
KTD.OLY.2350	Planned completion of pedestrian access from Road L9 to Olympic Avenue within Part 1 (XP area, related to Section 1)	0		09-Jan-24		26-Sep-23	-105	2							
CONSTRUCTION OF ROAD D1 WITHIN PART 1A															
CONSTRUCTION OF PORTION 1 (ROAD D1 E/B & W/B CH170 TO CH250)															
SECTION 3A															
KTD.D1.1000	Site clearance, haul road diversion, formation and fence off working area	8	03-May-23	11-May-23	03-May-23	11-May-23	0	1							
KTD.D1.1001.K1.1	Chamber K1 Trial Pit Excavation	12	12-May-23	25-May-23	12-May-23	25-May-23	0	1							
KTD.D1.1001.K1.2	Chamber K1 Modification Works	52	27-May-23	26-Jul-23	27-May-23	28-Jul-23	0	1							
KTD.D1.1001.K1.3	Chamber K1 Backfilling Works	10	29-Jul-23	09-Aug-23	29-Jul-23	09-Aug-23	0	1							
KTD.D1.1010	Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies	40	10-Aug-23	25-Sep-23	10-Aug-23	25-Sep-23	0	1							
KTD.D1.1050	Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works	22	30-Jan-24	26-Feb-24	30-Jan-24	26-Feb-24	0	1							
KTD.D1.1060	Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works	28	27-Feb-24	02-Apr-24	27-Feb-24	02-Apr-24	0	1							
SECTION 3B															
KTD.D1.1020	Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies	42	26-Sep-23	16-Nov-23	26-Sep-23	16-Nov-23	0	1							
KTD.D1.1030	Excavate and construct sewerage from FMH25_1 to FMH25_2a	30	17-Nov-23	21-Dec-23	17-Nov-23	21-Dec-23	0	1							
KTD.D1.1040	Excavate and construct FWM/SWM from CH450 to CH500	30	22-Dec-23	29-Jan-24	22-Dec-23	29-Jan-24	0	1							
CONSTRUCTION OF PORTION 2 (ROAD D1 E/B CH230 TO CH396)															
SECTION 3A															
KTD.D1.2000	Site clearance, haul road diversion, formation and fence off working area	16	22-Feb-23	11-Mar-23	22-Feb-23	11-Mar-23	0	1							
KTD.D1.2001.AVC2.1	Chamber AVC2 Excavation Works	20	13-Mar-23	04-Apr-23	13-Mar-23	04-Apr-23	0	1							
KTD.D1.2001.AVC2.2	Chamber AVC2 Modification Works	84	06-Apr-23	20-Jul-23	06-Apr-23	20-Jul-23	0	1							
KTD.D1.2001.AVC2.3	Chamber AVC2 Backfilling Works	20	21-Jul-23	12-Aug-23	21-Jul-23	12-Aug-23	0	1							
KTD.D1.2001.WOC1.1	Chamber WOC1 Excavation Works	20	14-Aug-23	05-Sep-23	14-Aug-23	05-Sep-23	0	1							
KTD.D1.2001.WOC1.2	Chamber WOC1 Modification Works	84	06-Sep-23	15-Dec-23	06-Sep-23	15-Dec-23	0	1							
KTD.D1.2001.WOC1.3	Chamber WOC1 Backfilling Works	15	16-Dec-23	05-Jan-24	16-Dec-23	05-Jan-24	0	1							
KTD.D1.2010	Excavate and construct stormwater drain from SMH1018 to SMH101C	54	06-Jan-24	11-Mar-24	06-Jan-24	11-Mar-24	0	1							
KTD.D1.2020	Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396	46	12-Mar-24	09-May-24	12-Mar-24	09-May-24	0	1							
KTD.D1.2030	Backfill and compact sub-base from Road D1 E/B CH230 to CH396	36	10-May-24	22-Jun-24	10-May-24	22-Jun-24	0	1							
CONSTRUCTION OF PORTION 3 (ROAD D1 W/B CH230 TO CH300)															
SECTION 3B															
KTD.D1.3000	Site clearance, haul road diversion, formation and fence off working area	4	22-Feb-23	25-Feb-23	10-Oct-23	13-Oct-23	187	1							
KTD.D1.3010	Excavate and construct stormwater drain from SMH1120 to SMH1123 and associated gullies	26	27-Feb-23	28-Mar-23	14-Oct-23	14-Nov-23	187	1							
KTD.D1.3020	Excavate and construct stormwater drain from SMH1001 to SMH1107 and associated gullies	37	21-Mar-23	08-May-23	07-Nov-23	19-Dec-23	187	1							
KTD.D1.3030	Excavate and construct sewerage from FMH25_2a to FMH25_4	12	09-May-23	22-May-23	20-Dec-23	05-Jan-24	187	1							
KTD.D1.3040	Excavate and construct FWM/SWM from CH500 to CH570	26	23-May-23	23-Jun-23	06-Jan-24	05-Feb-24	187	1							
KTD.D1.3050	Backfill and construct road kerb/central divider from Road D1 W/B CH230 to CH300	26	24-Jun-23	25-Jul-23	06-Feb-24	08-Mar-24	187	1							

- ▼ Milestone
- ▼ Critical Milestone
- Planned Work
- Summary
- Critical Remaining Work

Date	Revision	Checked	Approved
27-Jun-24	Works Programme	HL	RL
21-Aug-24	Works Programme	HL	RL
05-Oct-24	Works Programme	HL	RL

Appendix C – Weather information

General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)	Mean Relative Humidity (%)
1/8/2024	28.2	32.9	2.3	79
2/8/2024	28.2	31.5	0.4	81
3/8/2024	28.7	33.3	0	76
4/8/2024	28.3	34.2	0	76
5/8/2024	29.3	35.4	0	76
6/8/2024	26.6	34.9	10.3	78
7/8/2024	28.6	33.7	0	79
8/8/2024	29.3	33.2	0	77
9/8/2024	28.7	33	0	76
10/8/2024	29	32.7	Trace	79
11/8/2024	29.2	32	0	81
12/8/2024	26	31.8	20.9	85
13/8/2024	28	33.4	5	82
14/8/2024	28.2	30.5	0.1	82
15/8/2024	26	29.9	8	88
16/8/2024	26.5	29.5	0.4	84
17/8/2024	25.2	28.8	116.2	92
18/8/2024	25.8	30.3	32.5	87
19/8/2024	26.9	28.8	19.3	88
20/8/2024	25.6	28.5	11.4	89
21/8/2024	26.3	28.2	3.9	87
22/8/2024	26.6	32	0	83
23/8/2024	28	31.4	0	82
24/8/2024	28.1	34.3	0	77
25/8/2024	28	33.7	0	75
26/8/2024	28.4	33.8	0	75
27/8/2024	28.5	34.1	0	74
28/8/2024	27.6	34.8	Trace	75
29/8/2024	28.3	33.6	Trace	76
30/8/2024	27.9	33.7	23.3	82
31/8/2024	27.8	32.2	7.5	84

NOTE1: The above weather information was obtained from manned weather station of Hong Kong Observatory.

NOTE2: Trace means rainfall less than 0.12 mm

<https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2024&m=8>

General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)	Mean Relative Humidity (%)
1/9/2024	28.1	33	Trace	82
2/9/2024	28.4	34.2	Trace	78
3/9/2024	25.5	33.5	35.5	78
4/9/2024	26.5	32.5	0.6	75
5/9/2024	26.2	33.4	21.5	71
6/9/2024	25.9	28.8	84.1	90
7/9/2024	27.9	30.9	5.8	88
8/9/2024	27.3	30.1	37.8	91
9/9/2024	26.3	30	13	85
10/9/2024	26.8	33.3	0	77
11/9/2024	28.2	34.3	0	76
12/9/2024	27.7	32.2	0	77
13/9/2024	28.2	34.5	0.1	73
14/9/2024	26.7	33.5	57.2	76
15/9/2024	27.4	31.7	2.4	76
16/9/2024	25.8	30.6	27.4	81
17/9/2024	26.3	35.7	16	74
18/9/2024	26.8	32.8	Trace	73
19/9/2024	28.7	33.6	0	75
20/9/2024	27.4	32.6	4.6	79
21/9/2024	25.7	28.8	72.9	90
22/9/2024	24.4	30.1	32.1	88
23/9/2024	23.4	28	24.9	90
24/9/2024	25.2	28.2	75	91
25/9/2024	26.9	31.4	5.4	83
26/9/2024	27.4	31.6	0	78
27/9/2024	28.1	32.4	0	76
28/9/2024	27.5	32.1	1.3	80
29/9/2024	26.6	31.8	3.3	76
30/9/2024	27.9	33.3	0	71

NOTE1: The above weather information was obtained from manned weather station of Hong Kong Observatory.

NOTE2: Trace means rainfall less than 0.12 mm

<https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2024&m=9>

General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)	Mean Relative Humidity (%)
1/10/2024	27.8	34.2	0	58
2/10/2024	25.5	30.8	0	54
3/10/2024	23.3	29.4	0	49
4/10/2024	24.6	30.9	0	50
5/10/2024	25.5	31.5	0	63
6/10/2024	26.7	33.3	0	70
7/10/2024	27.3	32.9	0	66
8/10/2024	26.2	31.7	0	62
9/10/2024	25.2	27.4	Trace	68
10/10/2024	24.5	30.6	Trace	68
11/10/2024	23.2	27.5	8.7	79
12/10/2024	25.6	29.7	0	67
13/10/2024	25.9	30.2	0	73
14/10/2024	26.3	31	0	75
15/10/2024	26.6	30.9	0	75
16/10/2024	27.4	31.1	Trace	74
17/10/2024	27.1	29.7	Trace	77
18/10/2024	27.1	30.7	Trace	78
19/10/2024	26.4	33.7	0	74
20/10/2024	26.9	29.7	1.9	75
21/10/2024	26.4	31.5	Trace	75
22/10/2024	26	32.3	0	64
23/10/2024	23.4	28.4	0	57
24/10/2024	22	28.5	0	42
25/10/2024	22.9	29.4	0	45
26/10/2024	25.3	28.5	0.7	67
27/10/2024	25.9	29.2	Trace	73
28/10/2024	24.6	27.2	Trace	67
29/10/2024	23.7	26.7	Trace	69
30/10/2024	24.3	29.3	0	64
31/10/2024	24.1	30.6	0	52

NOTE1: The above weather information was obtained from manned weather station of Hong Kong Observatory.

NOTE2: Trace means rainfall less than 0.12 mm

<https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2024&m=10>

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
1/8/2024	0:00	1.3	90	2/8/2024	0:00	0.9	90	3/8/2024	0:00	0.9	247.5	4/8/2024	0:00	0.4	22.5
1/8/2024	1:00	2.2	90	2/8/2024	1:00	0.4	112.5	3/8/2024	1:00	0.4	270	4/8/2024	1:00	0.4	67.5
1/8/2024	2:00	1.3	67.5	2/8/2024	2:00	0.9	90	3/8/2024	2:00	0.4	270	4/8/2024	2:00	0.4	90
1/8/2024	3:00	0.9	22.5	2/8/2024	3:00	0.9	292.5	3/8/2024	3:00	0.4	270	4/8/2024	3:00	0.9	135
1/8/2024	4:00	0.9	112.5	2/8/2024	4:00	0.4	292.5	3/8/2024	4:00	0.9	247.5	4/8/2024	4:00	0.4	67.5
1/8/2024	5:00	0.9	22.5	2/8/2024	5:00	0.4	292.5	3/8/2024	5:00	0.4	270	4/8/2024	5:00	0.4	225
1/8/2024	6:00	0.9	270	2/8/2024	6:00	0.9	22.5	3/8/2024	6:00	0.9	270	4/8/2024	6:00	0.4	157.5
1/8/2024	7:00	1.8	0	2/8/2024	7:00	0.4	22.5	3/8/2024	7:00	1.3	247.5	4/8/2024	7:00	0.4	112.5
1/8/2024	8:00	1.3	270	2/8/2024	8:00	0.9	337.5	3/8/2024	8:00	0.9	270	4/8/2024	8:00	0.9	67.5
1/8/2024	9:00	0.9	337.5	2/8/2024	9:00	0.9	270	3/8/2024	9:00	0.9	135	4/8/2024	9:00	0.4	22.5
1/8/2024	10:00	1.8	270	2/8/2024	10:00	0.4	22.5	3/8/2024	10:00	1.3	247.5	4/8/2024	10:00	0.4	45
1/8/2024	11:00	1.3	247.5	2/8/2024	11:00	0.9	202.5	3/8/2024	11:00	0.9	112.5	4/8/2024	11:00	0.4	45
1/8/2024	12:00	1.8	225	2/8/2024	12:00	0.4	270	3/8/2024	12:00	0.9	112.5	4/8/2024	12:00	0.9	45
1/8/2024	13:00	0.9	67.5	2/8/2024	13:00	0.4	247.5	3/8/2024	13:00	0.9	112.5	4/8/2024	13:00	0.4	90
1/8/2024	14:00	2.2	135	2/8/2024	14:00	1.3	202.5	3/8/2024	14:00	0.4	135	4/8/2024	14:00	0.4	67.5
1/8/2024	15:00	2.7	67.5	2/8/2024	15:00	1.3	247.5	3/8/2024	15:00	0.9	157.5	4/8/2024	15:00	0.4	67.5
1/8/2024	16:00	3.1	67.5	2/8/2024	16:00	0.4	247.5	3/8/2024	16:00	0.4	135	4/8/2024	16:00	0.4	135
1/8/2024	17:00	1.3	90	2/8/2024	17:00	0.4	157.5	3/8/2024	17:00	0.4	202.5	4/8/2024	17:00	0.4	135
1/8/2024	18:00	1.3	90	2/8/2024	18:00	0.9	202.5	3/8/2024	18:00	0.4	247.5	4/8/2024	18:00	0.4	90
1/8/2024	19:00	1.3	90	2/8/2024	19:00	0.4	225	3/8/2024	19:00	0.4	247.5	4/8/2024	19:00	0.4	112.5
1/8/2024	20:00	0.4	67.5	2/8/2024	20:00	0.4	225	3/8/2024	20:00	0.4	247.5	4/8/2024	20:00	0.4	157.5
1/8/2024	21:00	0.9	112.5	2/8/2024	21:00	0.4	225	3/8/2024	21:00	0.9	247.5	4/8/2024	21:00	0.9	135
1/8/2024	22:00	0.4	90	2/8/2024	22:00	1.3	90	3/8/2024	22:00	0.9	90	4/8/2024	22:00	1.8	180
1/8/2024	23:00	0.4	112.5	2/8/2024	23:00	1.8	112.5	3/8/2024	23:00	0.9	112.5	4/8/2024	23:00	0.4	180

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
5/8/2024	0:00	0.9	247.5	6/8/2024	0:00	0.9	90	7/8/2024	0:00	0.9	112.5	8/8/2024	0:00	1.3	67.5
5/8/2024	1:00	0.9	157.5	6/8/2024	1:00	0.4	90	7/8/2024	1:00	1.3	135	8/8/2024	1:00	1.3	90
5/8/2024	2:00	0.9	180	6/8/2024	2:00	0.4	90	7/8/2024	2:00	0.9	90	8/8/2024	2:00	0.9	90
5/8/2024	3:00	0.9	45	6/8/2024	3:00	0.4	67.5	7/8/2024	3:00	0.9	67.5	8/8/2024	3:00	0.9	90
5/8/2024	4:00	0.9	112.5	6/8/2024	4:00	0.4	112.5	7/8/2024	4:00	0.9	112.5	8/8/2024	4:00	0.9	67.5
5/8/2024	5:00	0.4	112.5	6/8/2024	5:00	0.4	22.5	7/8/2024	5:00	0.9	45	8/8/2024	5:00	0.9	112.5
5/8/2024	6:00	0.4	112.5	6/8/2024	6:00	0.4	270	7/8/2024	6:00	0.9	135	8/8/2024	6:00	0.9	22.5
5/8/2024	7:00	0.4	135	6/8/2024	7:00	0.4	0	7/8/2024	7:00	0.4	67.5	8/8/2024	7:00	1.8	270
5/8/2024	8:00	0.9	112.5	6/8/2024	8:00	0.4	270	7/8/2024	8:00	0	135	8/8/2024	8:00	1.3	0
5/8/2024	9:00	0.9	90	6/8/2024	9:00	1.3	337.5	7/8/2024	9:00	0.4	67.5	8/8/2024	9:00	0.9	270
5/8/2024	10:00	0.9	90	6/8/2024	10:00	0.9	270	7/8/2024	10:00	0	67.5	8/8/2024	10:00	1.8	337.5
5/8/2024	11:00	0.4	112.5	6/8/2024	11:00	0.9	247.5	7/8/2024	11:00	0.4	90	8/8/2024	11:00	1.3	270
5/8/2024	12:00	0.4	90	6/8/2024	12:00	1.3	225	7/8/2024	12:00	0.4	67.5	8/8/2024	12:00	1.8	247.5
5/8/2024	13:00	1.3	112.5	6/8/2024	13:00	0.9	67.5	7/8/2024	13:00	0.4	112.5	8/8/2024	13:00	0.9	225
5/8/2024	14:00	0.4	135	6/8/2024	14:00	1.3	135	7/8/2024	14:00	1.3	45	8/8/2024	14:00	1.8	67.5
5/8/2024	15:00	0.9	67.5	6/8/2024	15:00	0.4	67.5	7/8/2024	15:00	0.4	135	8/8/2024	15:00	0.9	135
5/8/2024	16:00	0.9	67.5	6/8/2024	16:00	0.4	67.5	7/8/2024	16:00	0.4	67.5	8/8/2024	16:00	1.3	67.5
5/8/2024	17:00	0.4	90	6/8/2024	17:00	1.3	90	7/8/2024	17:00	1.3	135	8/8/2024	17:00	1.3	67.5
5/8/2024	18:00	1.3	90	6/8/2024	18:00	0.9	90	7/8/2024	18:00	0.9	67.5	8/8/2024	18:00	0.4	90
5/8/2024	19:00	0.4	90	6/8/2024	19:00	0.9	90	7/8/2024	19:00	0.9	67.5	8/8/2024	19:00	1.3	90
5/8/2024	20:00	0.4	67.5	6/8/2024	20:00	1.3	67.5	7/8/2024	20:00	0.9	90	8/8/2024	20:00	0.9	90
5/8/2024	21:00	0.9	112.5	6/8/2024	21:00	0.9	67.5	7/8/2024	21:00	0.9	90	8/8/2024	21:00	0.9	67.5
5/8/2024	22:00	0.9	67.5	6/8/2024	22:00	1.3	67.5	7/8/2024	22:00	0.9	90	8/8/2024	22:00	0.9	67.5
5/8/2024	23:00	1.3	247.5	6/8/2024	23:00	0.9	225	7/8/2024	23:00	0.9	67.5	8/8/2024	23:00	0.9	112.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
9/8/2024	0:00	0.9	90	10/8/2024	0:00	0.9	247.5	11/8/2024	0:00	0.4	202.5	12/8/2024	0:00	0.4	247.5
9/8/2024	1:00	0.9	112.5	10/8/2024	1:00	0.9	225	11/8/2024	1:00	0.4	247.5	12/8/2024	1:00	0.4	225
9/8/2024	2:00	0.4	135	10/8/2024	2:00	0.4	270	11/8/2024	2:00	0.4	247.5	12/8/2024	2:00	0.9	270
9/8/2024	3:00	0.9	157.5	10/8/2024	3:00	0.4	247.5	11/8/2024	3:00	0.4	247.5	12/8/2024	3:00	1.3	247.5
9/8/2024	4:00	0.4	135	10/8/2024	4:00	0.4	135	11/8/2024	4:00	0.9	247.5	12/8/2024	4:00	1.3	135
9/8/2024	5:00	0.4	202.5	10/8/2024	5:00	0.9	112.5	11/8/2024	5:00	1.3	202.5	12/8/2024	5:00	0.4	112.5
9/8/2024	6:00	0.4	247.5	10/8/2024	6:00	0.4	157.5	11/8/2024	6:00	1.8	202.5	12/8/2024	6:00	0.4	157.5
9/8/2024	7:00	0.4	247.5	10/8/2024	7:00	0.9	135	11/8/2024	7:00	1.3	225	12/8/2024	7:00	0.4	135
9/8/2024	8:00	0.4	247.5	10/8/2024	8:00	1.8	112.5	11/8/2024	8:00	0.4	270	12/8/2024	8:00	0.4	112.5
9/8/2024	9:00	0.9	247.5	10/8/2024	9:00	1.8	292.5	11/8/2024	9:00	0.9	247.5	12/8/2024	9:00	0.9	292.5
9/8/2024	10:00	1.3	202.5	10/8/2024	10:00	1.3	112.5	11/8/2024	10:00	0.4	225	12/8/2024	10:00	0.4	112.5
9/8/2024	11:00	1.8	202.5	10/8/2024	11:00	1.3	135	11/8/2024	11:00	0.4	112.5	12/8/2024	11:00	0.4	135
9/8/2024	12:00	1.3	225	10/8/2024	12:00	0.9	112.5	11/8/2024	12:00	0.4	135	12/8/2024	12:00	0.4	112.5
9/8/2024	13:00	0.4	270	10/8/2024	13:00	0.9	135	11/8/2024	13:00	0.4	112.5	12/8/2024	13:00	0.9	135
9/8/2024	14:00	2.2	292.5	10/8/2024	14:00	0.4	90	11/8/2024	14:00	0.9	135	12/8/2024	14:00	1.3	90
9/8/2024	15:00	1.8	337.5	10/8/2024	15:00	0.9	22.5	11/8/2024	15:00	1.3	90	12/8/2024	15:00	0.4	225
9/8/2024	16:00	1.8	22.5	10/8/2024	16:00	0.4	112.5	11/8/2024	16:00	0.4	225	12/8/2024	16:00	0.9	315
9/8/2024	17:00	2.2	45	10/8/2024	17:00	1.3	157.5	11/8/2024	17:00	0.9	315	12/8/2024	17:00	0.4	315
9/8/2024	18:00	1.8	45	10/8/2024	18:00	1.3	202.5	11/8/2024	18:00	0.4	315	12/8/2024	18:00	1.3	315
9/8/2024	19:00	1.3	315	10/8/2024	19:00	1.3	202.5	11/8/2024	19:00	1.3	315	12/8/2024	19:00	1.3	157.5
9/8/2024	20:00	2.2	202.5	10/8/2024	20:00	1.3	292.5	11/8/2024	20:00	1.3	157.5	12/8/2024	20:00	1.3	157.5
9/8/2024	21:00	0.9	112.5	10/8/2024	21:00	0.9	247.5	11/8/2024	21:00	1.3	157.5	12/8/2024	21:00	1.3	202.5
9/8/2024	22:00	0.9	135	10/8/2024	22:00	0.9	270	11/8/2024	22:00	0.9	45	12/8/2024	22:00	0.9	202.5
9/8/2024	23:00	0.4	112.5	10/8/2024	23:00	0.4	225	11/8/2024	23:00	0.9	180	12/8/2024	23:00	0.9	292.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
13/8/2024	0:00	0.9	135	14/8/2024	0:00	0.4	247.5	15/8/2024	0:00	0.4	45	16/8/2024	0:00	0.9	112.5
13/8/2024	1:00	1.8	112.5	14/8/2024	1:00	0.9	90	15/8/2024	1:00	0.4	135	16/8/2024	1:00	0.9	157.5
13/8/2024	2:00	1.3	112.5	14/8/2024	2:00	0.9	22.5	15/8/2024	2:00	0.4	112.5	16/8/2024	2:00	0.9	315
13/8/2024	3:00	0.9	112.5	14/8/2024	3:00	0.4	45	15/8/2024	3:00	0.4	67.5	16/8/2024	3:00	0.9	292.5
13/8/2024	4:00	1.8	112.5	14/8/2024	4:00	1.3	67.5	15/8/2024	4:00	0.4	90	16/8/2024	4:00	1.3	135
13/8/2024	5:00	0.9	112.5	14/8/2024	5:00	1.3	112.5	15/8/2024	5:00	0.4	135	16/8/2024	5:00	0.9	112.5
13/8/2024	6:00	1.3	112.5	14/8/2024	6:00	0.9	157.5	15/8/2024	6:00	0.4	90	16/8/2024	6:00	0.4	112.5
13/8/2024	7:00	1.3	67.5	14/8/2024	7:00	0.9	315	15/8/2024	7:00	0.4	90	16/8/2024	7:00	0.4	112.5
13/8/2024	8:00	0.9	112.5	14/8/2024	8:00	0.9	292.5	15/8/2024	8:00	0.4	112.5	16/8/2024	8:00	0.4	157.5
13/8/2024	9:00	0.9	67.5	14/8/2024	9:00	0.9	135	15/8/2024	9:00	0.9	112.5	16/8/2024	9:00	0.4	315
13/8/2024	10:00	1.3	112.5	14/8/2024	10:00	0.9	45	15/8/2024	10:00	0.9	90	16/8/2024	10:00	0.4	292.5
13/8/2024	11:00	0.9	135	14/8/2024	11:00	1.3	202.5	15/8/2024	11:00	0.9	135	16/8/2024	11:00	0.4	135
13/8/2024	12:00	0.9	157.5	14/8/2024	12:00	0.9	135	15/8/2024	12:00	0.9	135	16/8/2024	12:00	0.4	45
13/8/2024	13:00	0.9	90	14/8/2024	13:00	0.9	112.5	15/8/2024	13:00	0.9	112.5	16/8/2024	13:00	0.4	202.5
13/8/2024	14:00	1.3	45	14/8/2024	14:00	0.9	45	15/8/2024	14:00	0.9	135	16/8/2024	14:00	0.4	135
13/8/2024	15:00	1.3	45	14/8/2024	15:00	0.9	135	15/8/2024	15:00	0.9	90	16/8/2024	15:00	0.4	112.5
13/8/2024	16:00	0.4	112.5	14/8/2024	16:00	1.3	67.5	15/8/2024	16:00	1.3	112.5	16/8/2024	16:00	0.9	45
13/8/2024	17:00	0.9	90	14/8/2024	17:00	0.9	45	15/8/2024	17:00	1.3	112.5	16/8/2024	17:00	1.3	135
13/8/2024	18:00	1.3	112.5	14/8/2024	18:00	0.9	337.5	15/8/2024	18:00	0.9	112.5	16/8/2024	18:00	1.3	180
13/8/2024	19:00	1.3	90	14/8/2024	19:00	0.9	67.5	15/8/2024	19:00	1.8	112.5	16/8/2024	19:00	1.8	112.5
13/8/2024	20:00	1.8	90	14/8/2024	20:00	0.9	45	15/8/2024	20:00	0.9	112.5	16/8/2024	20:00	1.8	135
13/8/2024	21:00	1.8	90	14/8/2024	21:00	0.9	112.5	15/8/2024	21:00	1.3	112.5	16/8/2024	21:00	0.9	112.5
13/8/2024	22:00	1.8	90	14/8/2024	22:00	0.9	112.5	15/8/2024	22:00	1.3	67.5	16/8/2024	22:00	1.3	112.5
13/8/2024	23:00	0.9	112.5	14/8/2024	23:00	0.4	112.5	15/8/2024	23:00	0.9	112.5	16/8/2024	23:00	1.3	135

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
17/8/2024	0:00	2.2	22.5	18/8/2024	0:00	1.3	112.5	19/8/2024	0:00	0.4	90	20/8/2024	0:00	0.9	135
17/8/2024	1:00	4.5	135	18/8/2024	1:00	1.8	270	19/8/2024	1:00	0.4	112.5	20/8/2024	1:00	0.9	112.5
17/8/2024	2:00	5.4	112.5	18/8/2024	2:00	1.3	315	19/8/2024	2:00	0.4	90	20/8/2024	2:00	0.9	90
17/8/2024	3:00	3.1	112.5	18/8/2024	3:00	2.2	45	19/8/2024	3:00	0.4	157.5	20/8/2024	3:00	0.4	112.5
17/8/2024	4:00	3.1	112.5	18/8/2024	4:00	1.3	270	19/8/2024	4:00	0.4	112.5	20/8/2024	4:00	0.4	135
17/8/2024	5:00	4	135	18/8/2024	5:00	2.2	45	19/8/2024	5:00	0.4	67.5	20/8/2024	5:00	0.4	180
17/8/2024	6:00	3.6	112.5	18/8/2024	6:00	3.1	22.5	19/8/2024	6:00	0.4	135	20/8/2024	6:00	0.4	90
17/8/2024	7:00	4.5	112.5	18/8/2024	7:00	2.7	45	19/8/2024	7:00	0.4	157.5	20/8/2024	7:00	0.4	135
17/8/2024	8:00	3.6	67.5	18/8/2024	8:00	3.1	90	19/8/2024	8:00	0.4	157.5	20/8/2024	8:00	0.4	45
17/8/2024	9:00	3.6	157.5	18/8/2024	9:00	0.9	270	19/8/2024	9:00	0.4	112.5	20/8/2024	9:00	0.4	135
17/8/2024	10:00	2.7	112.5	18/8/2024	10:00	1.3	135	19/8/2024	10:00	0.4	67.5	20/8/2024	10:00	0.4	112.5
17/8/2024	11:00	2.2	180	18/8/2024	11:00	1.3	135	19/8/2024	11:00	0.4	135	20/8/2024	11:00	0.4	112.5
17/8/2024	12:00	2.2	112.5	18/8/2024	12:00	1.3	112.5	19/8/2024	12:00	0.4	157.5	20/8/2024	12:00	0.4	90
17/8/2024	13:00	2.7	90	18/8/2024	13:00	0.9	247.5	19/8/2024	13:00	0.4	157.5	20/8/2024	13:00	0.9	135
17/8/2024	14:00	2.2	135	18/8/2024	14:00	1.3	202.5	19/8/2024	14:00	0.9	112.5	20/8/2024	14:00	1.3	135
17/8/2024	15:00	1.8	112.5	18/8/2024	15:00	1.3	112.5	19/8/2024	15:00	0.4	157.5	20/8/2024	15:00	0.9	112.5
17/8/2024	16:00	1.3	157.5	18/8/2024	16:00	0.9	135	19/8/2024	16:00	0.4	112.5	20/8/2024	16:00	0.9	112.5
17/8/2024	17:00	0.9	135	18/8/2024	17:00	0.9	112.5	19/8/2024	17:00	0.4	67.5	20/8/2024	17:00	0.9	135
17/8/2024	18:00	1.3	112.5	18/8/2024	18:00	0.9	112.5	19/8/2024	18:00	0.4	135	20/8/2024	18:00	0.4	112.5
17/8/2024	19:00	0.4	135	18/8/2024	19:00	0.4	90	19/8/2024	19:00	0.4	157.5	20/8/2024	19:00	0.4	67.5
17/8/2024	20:00	1.3	67.5	18/8/2024	20:00	0.4	135	19/8/2024	20:00	0.4	157.5	20/8/2024	20:00	0.9	90
17/8/2024	21:00	1.3	90	18/8/2024	21:00	0.9	90	19/8/2024	21:00	0.9	112.5	20/8/2024	21:00	0.9	135
17/8/2024	22:00	0.4	112.5	18/8/2024	22:00	0.9	45	19/8/2024	22:00	1.3	112.5	20/8/2024	22:00	0.4	135
17/8/2024	23:00	0.4	270	18/8/2024	23:00	0.4	247.5	19/8/2024	23:00	0.9	112.5	20/8/2024	23:00	0.9	22.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
21/8/2024	0:00	0.9	90	22/8/2024	0:00	0.4	90	23/8/2024	0:00	0.9	67.5	24/8/2024	0:00	0.9	112.5
21/8/2024	1:00	0.4	90	22/8/2024	1:00	0.9	22.5	23/8/2024	1:00	0.9	112.5	24/8/2024	1:00	0.9	67.5
21/8/2024	2:00	0.4	112.5	22/8/2024	2:00	0.9	90	23/8/2024	2:00	0.4	337.5	24/8/2024	2:00	1.3	90
21/8/2024	3:00	0.9	202.5	22/8/2024	3:00	0.4	67.5	23/8/2024	3:00	0.4	135	24/8/2024	3:00	0.9	135
21/8/2024	4:00	0.9	45	22/8/2024	4:00	0.4	112.5	23/8/2024	4:00	0.9	112.5	24/8/2024	4:00	0.9	135
21/8/2024	5:00	1.3	45	22/8/2024	5:00	0.9	90	23/8/2024	5:00	0.9	22.5	24/8/2024	5:00	0.9	112.5
21/8/2024	6:00	1.3	90	22/8/2024	6:00	0.9	112.5	23/8/2024	6:00	0.9	112.5	24/8/2024	6:00	0.9	112.5
21/8/2024	7:00	1.3	112.5	22/8/2024	7:00	1.3	90	23/8/2024	7:00	1.3	45	24/8/2024	7:00	0.9	112.5
21/8/2024	8:00	0.9	112.5	22/8/2024	8:00	1.3	112.5	23/8/2024	8:00	0.4	135	24/8/2024	8:00	1.8	90
21/8/2024	9:00	1.3	112.5	22/8/2024	9:00	1.3	67.5	23/8/2024	9:00	0.4	180	24/8/2024	9:00	0.9	90
21/8/2024	10:00	0.9	247.5	22/8/2024	10:00	0.9	112.5	23/8/2024	10:00	0.4	45	24/8/2024	10:00	0.9	90
21/8/2024	11:00	0.9	315	22/8/2024	11:00	1.3	67.5	23/8/2024	11:00	0.9	135	24/8/2024	11:00	1.3	67.5
21/8/2024	12:00	0.9	315	22/8/2024	12:00	0.9	67.5	23/8/2024	12:00	0.9	112.5	24/8/2024	12:00	0.9	112.5
21/8/2024	13:00	0.4	315	22/8/2024	13:00	0.9	90	23/8/2024	13:00	0.4	247.5	24/8/2024	13:00	0.4	135
21/8/2024	14:00	0.9	315	22/8/2024	14:00	0.9	90	23/8/2024	14:00	0.4	202.5	24/8/2024	14:00	0.4	112.5
21/8/2024	15:00	0.4	247.5	22/8/2024	15:00	0.9	112.5	23/8/2024	15:00	0.4	112.5	24/8/2024	15:00	0.4	90
21/8/2024	16:00	0.4	247.5	22/8/2024	16:00	0.4	112.5	23/8/2024	16:00	0.4	135	24/8/2024	16:00	2.7	135
21/8/2024	17:00	0.9	157.5	22/8/2024	17:00	0.9	112.5	23/8/2024	17:00	1.3	112.5	24/8/2024	17:00	3.1	135
21/8/2024	18:00	0.9	135	22/8/2024	18:00	0.4	67.5	23/8/2024	18:00	0.9	112.5	24/8/2024	18:00	0.9	112.5
21/8/2024	19:00	0.9	292.5	22/8/2024	19:00	0.4	112.5	23/8/2024	19:00	1.3	90	24/8/2024	19:00	0.9	135
21/8/2024	20:00	0.9	112.5	22/8/2024	20:00	0.9	90	23/8/2024	20:00	1.3	22.5	24/8/2024	20:00	0.9	90
21/8/2024	21:00	1.3	135	22/8/2024	21:00	0.9	112.5	23/8/2024	21:00	0.9	90	24/8/2024	21:00	0	45
21/8/2024	22:00	0.4	135	22/8/2024	22:00	1.3	90	23/8/2024	22:00	0.9	112.5	24/8/2024	22:00	0.4	22.5
21/8/2024	23:00	0.9	135	22/8/2024	23:00	0.4	67.5	23/8/2024	23:00	0.4	225	24/8/2024	23:00	0.4	45

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
25/8/2024	0:00	1.8	90	26/8/2024	0:00	2.2	225	27/8/2024	0:00	0.9	22.5	28/8/2024	0:00	1.8	135
25/8/2024	1:00	2.2	90	26/8/2024	1:00	2.7	225	27/8/2024	1:00	1.3	22.5	28/8/2024	1:00	1.8	270
25/8/2024	2:00	1.3	45	26/8/2024	2:00	1.8	292.5	27/8/2024	2:00	1.3	180	28/8/2024	2:00	0.9	247.5
25/8/2024	3:00	1.3	247.5	26/8/2024	3:00	2.2	247.5	27/8/2024	3:00	0.9	90	28/8/2024	3:00	0.9	247.5
25/8/2024	4:00	1.3	225	26/8/2024	4:00	1.3	270	27/8/2024	4:00	0.9	135	28/8/2024	4:00	0.9	247.5
25/8/2024	5:00	2.2	67.5	26/8/2024	5:00	1.3	270	27/8/2024	5:00	0.4	157.5	28/8/2024	5:00	0	270
25/8/2024	6:00	2.2	270	26/8/2024	6:00	1.3	135	27/8/2024	6:00	0.4	135	28/8/2024	6:00	0.4	270
25/8/2024	7:00	2.7	247.5	26/8/2024	7:00	2.2	315	27/8/2024	7:00	0.9	202.5	28/8/2024	7:00	0.9	225
25/8/2024	8:00	1.3	180	26/8/2024	8:00	2.2	315	27/8/2024	8:00	0.9	247.5	28/8/2024	8:00	0.9	225
25/8/2024	9:00	2.2	247.5	26/8/2024	9:00	2.7	45	27/8/2024	9:00	1.3	247.5	28/8/2024	9:00	1.3	315
25/8/2024	10:00	2.2	270	26/8/2024	10:00	1.8	247.5	27/8/2024	10:00	1.3	247.5	28/8/2024	10:00	1.3	315
25/8/2024	11:00	2.7	135	26/8/2024	11:00	2.2	270	27/8/2024	11:00	0.9	247.5	28/8/2024	11:00	1.3	315
25/8/2024	12:00	1.8	157.5	26/8/2024	12:00	1.3	270	27/8/2024	12:00	0.9	202.5	28/8/2024	12:00	0.9	157.5
25/8/2024	13:00	1.3	157.5	26/8/2024	13:00	1.3	135	27/8/2024	13:00	1.3	202.5	28/8/2024	13:00	1.3	157.5
25/8/2024	14:00	1.3	202.5	26/8/2024	14:00	1.3	112.5	27/8/2024	14:00	1.3	225	28/8/2024	14:00	0.9	112.5
25/8/2024	15:00	0.9	225	26/8/2024	15:00	0.9	112.5	27/8/2024	15:00	0.9	270	28/8/2024	15:00	0.9	135
25/8/2024	16:00	1.3	247.5	26/8/2024	16:00	1.3	112.5	27/8/2024	16:00	0.9	247.5	28/8/2024	16:00	0.9	112.5
25/8/2024	17:00	1.3	135	26/8/2024	17:00	0.9	247.5	27/8/2024	17:00	0.4	225	28/8/2024	17:00	0.9	135
25/8/2024	18:00	0.9	45	26/8/2024	18:00	0.9	225	27/8/2024	18:00	0.9	292.5	28/8/2024	18:00	0.4	90
25/8/2024	19:00	0.9	45	26/8/2024	19:00	0.9	292.5	27/8/2024	19:00	0.4	315	28/8/2024	19:00	0.9	22.5
25/8/2024	20:00	1.3	67.5	26/8/2024	20:00	0.4	315	27/8/2024	20:00	1.3	112.5	28/8/2024	20:00	0.9	112.5
25/8/2024	21:00	1.3	135	26/8/2024	21:00	1.3	315	27/8/2024	21:00	0.9	225	28/8/2024	21:00	0.4	157.5
25/8/2024	22:00	0.9	157.5	26/8/2024	22:00	0.9	45	27/8/2024	22:00	0.4	225	28/8/2024	22:00	0.9	157.5
25/8/2024	23:00	0.9	157.5	26/8/2024	23:00	0.9	22.5	27/8/2024	23:00	0.4	225	28/8/2024	23:00	0.9	157.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
29/8/2024	0:00	1.8	22.5	30/8/2024	0:00	0.4	247.5	31/8/2024	0:00	0.4	112.5	1/9/2024	0:00	1.3	90
29/8/2024	1:00	1.8	45	30/8/2024	1:00	1.3	90	31/8/2024	1:00	0.4	225	1/9/2024	1:00	2.2	112.5
29/8/2024	2:00	0.4	67.5	30/8/2024	2:00	1.8	45	31/8/2024	2:00	1.3	225	1/9/2024	2:00	0.4	112.5
29/8/2024	3:00	0.9	112.5	30/8/2024	3:00	1.3	45	31/8/2024	3:00	1.8	225	1/9/2024	3:00	0.4	112.5
29/8/2024	4:00	0.4	157.5	30/8/2024	4:00	1.3	292.5	31/8/2024	4:00	1.3	135	1/9/2024	4:00	0.4	90
29/8/2024	5:00	1.8	315	30/8/2024	5:00	1.3	22.5	31/8/2024	5:00	1.3	112.5	1/9/2024	5:00	0.9	90
29/8/2024	6:00	1.3	292.5	30/8/2024	6:00	1.8	247.5	31/8/2024	6:00	1.3	135	1/9/2024	6:00	0.4	112.5
29/8/2024	7:00	0.4	135	30/8/2024	7:00	1.3	337.5	31/8/2024	7:00	1.8	45	1/9/2024	7:00	0.4	112.5
29/8/2024	8:00	1.3	45	30/8/2024	8:00	1.3	270	31/8/2024	8:00	2.7	135	1/9/2024	8:00	0.4	112.5
29/8/2024	9:00	1.3	202.5	30/8/2024	9:00	1.3	247.5	31/8/2024	9:00	2.2	112.5	1/9/2024	9:00	0.9	90
29/8/2024	10:00	1.8	135	30/8/2024	10:00	1.3	337.5	31/8/2024	10:00	1.8	67.5	1/9/2024	10:00	1.3	90
29/8/2024	11:00	0.9	112.5	30/8/2024	11:00	1.3	315	31/8/2024	11:00	2.2	90	1/9/2024	11:00	1.8	67.5
29/8/2024	12:00	0.9	135	30/8/2024	12:00	1.8	337.5	31/8/2024	12:00	2.2	135	1/9/2024	12:00	1.3	45
29/8/2024	13:00	0.9	112.5	30/8/2024	13:00	1.8	67.5	31/8/2024	13:00	1.8	90	1/9/2024	13:00	1.3	90
29/8/2024	14:00	0.4	135	30/8/2024	14:00	1.3	112.5	31/8/2024	14:00	1.3	90	1/9/2024	14:00	1.8	67.5
29/8/2024	15:00	0.9	90	30/8/2024	15:00	1.3	135	31/8/2024	15:00	1.3	112.5	1/9/2024	15:00	1.3	292.5
29/8/2024	16:00	1.3	112.5	30/8/2024	16:00	1.8	45	31/8/2024	16:00	1.8	112.5	1/9/2024	16:00	0.9	112.5
29/8/2024	17:00	0.9	112.5	30/8/2024	17:00	1.3	22.5	31/8/2024	17:00	1.3	90	1/9/2024	17:00	0.9	135
29/8/2024	18:00	0.4	112.5	30/8/2024	18:00	1.3	135	31/8/2024	18:00	0.9	112.5	1/9/2024	18:00	0.9	112.5
29/8/2024	19:00	0.9	112.5	30/8/2024	19:00	1.3	157.5	31/8/2024	19:00	1.3	112.5	1/9/2024	19:00	1.3	135
29/8/2024	20:00	0.9	112.5	30/8/2024	20:00	0.4	90	31/8/2024	20:00	0.9	225	1/9/2024	20:00	0.4	112.5
29/8/2024	21:00	1.3	112.5	30/8/2024	21:00	0.4	22.5	31/8/2024	21:00	0.9	225	1/9/2024	21:00	0.9	90
29/8/2024	22:00	1.3	67.5	30/8/2024	22:00	0.4	112.5	31/8/2024	22:00	1.3	135	1/9/2024	22:00	0.4	135
29/8/2024	23:00	0.4	112.5	30/8/2024	23:00	0.9	337.5	31/8/2024	23:00	0.9	337.5	1/9/2024	23:00	0.4	90

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
2/9/2024	0:00	0.9	90	3/9/2024	0:00	0.9	247.5	4/9/2024	0:00	0.4	22.5	5/9/2024	0:00	3.1	135
2/9/2024	1:00	0.9	157.5	3/9/2024	1:00	0.4	270	4/9/2024	1:00	0.4	90	5/9/2024	1:00	1.8	90
2/9/2024	2:00	0.4	315	3/9/2024	2:00	0.4	270	4/9/2024	2:00	0.4	112.5	5/9/2024	2:00	1.8	112.5
2/9/2024	3:00	0.4	292.5	3/9/2024	3:00	0.9	225	4/9/2024	3:00	0.9	112.5	5/9/2024	3:00	1.3	112.5
2/9/2024	4:00	0.4	135	3/9/2024	4:00	0.4	157.5	4/9/2024	4:00	0.9	112.5	5/9/2024	4:00	1.3	45
2/9/2024	5:00	0.4	45	3/9/2024	5:00	0.4	90	4/9/2024	5:00	0.9	90	5/9/2024	5:00	1.3	135
2/9/2024	6:00	0.9	67.5	3/9/2024	6:00	0.9	135	4/9/2024	6:00	0.9	90	5/9/2024	6:00	0.4	67.5
2/9/2024	7:00	0.9	157.5	3/9/2024	7:00	0.9	135	4/9/2024	7:00	0.9	67.5	5/9/2024	7:00	1.8	135
2/9/2024	8:00	0.9	135	3/9/2024	8:00	0.9	112.5	4/9/2024	8:00	0.9	45	5/9/2024	8:00	1.8	67.5
2/9/2024	9:00	0.9	112.5	3/9/2024	9:00	0.4	135	4/9/2024	9:00	0.9	22.5	5/9/2024	9:00	1.8	67.5
2/9/2024	10:00	0.9	112.5	3/9/2024	10:00	0.9	180	4/9/2024	10:00	0.9	67.5	5/9/2024	10:00	1.8	90
2/9/2024	11:00	0.9	135	3/9/2024	11:00	0.4	90	4/9/2024	11:00	0.9	292.5	5/9/2024	11:00	1.3	67.5
2/9/2024	12:00	0.9	112.5	3/9/2024	12:00	0.4	135	4/9/2024	12:00	0.9	112.5	5/9/2024	12:00	1.3	112.5
2/9/2024	13:00	0.4	247.5	3/9/2024	13:00	0.9	135	4/9/2024	13:00	0.4	135	5/9/2024	13:00	3.1	270
2/9/2024	14:00	1.3	202.5	3/9/2024	14:00	0.9	112.5	4/9/2024	14:00	0.9	112.5	5/9/2024	14:00	2.7	90
2/9/2024	15:00	1.3	67.5	3/9/2024	15:00	0.9	135	4/9/2024	15:00	1.8	135	5/9/2024	15:00	2.2	90
2/9/2024	16:00	0.4	292.5	3/9/2024	16:00	1.8	180	4/9/2024	16:00	0.9	112.5	5/9/2024	16:00	3.3	90
2/9/2024	17:00	0.4	112.5	3/9/2024	17:00	0.9	135	4/9/2024	17:00	2.2	90	5/9/2024	17:00	3.6	90
2/9/2024	18:00	0.9	135	3/9/2024	18:00	2.2	112.5	4/9/2024	18:00	2.2	135	5/9/2024	18:00	5.8	90
2/9/2024	19:00	0.4	112.5	3/9/2024	19:00	2.2	337.5	4/9/2024	19:00	2.2	90	5/9/2024	19:00	3.1	90
2/9/2024	20:00	0.4	135	3/9/2024	20:00	2.2	135	4/9/2024	20:00	2.2	135	5/9/2024	20:00	4	90
2/9/2024	21:00	0.4	112.5	3/9/2024	21:00	2.2	247.5	4/9/2024	21:00	2.2	90	5/9/2024	21:00	5.8	90
2/9/2024	22:00	1.3	90	3/9/2024	22:00	2.2	90	4/9/2024	22:00	1.8	112.5	5/9/2024	22:00	5.8	67.5
2/9/2024	23:00	1.8	135	3/9/2024	23:00	1.8	112.5	4/9/2024	23:00	0.4	180	5/9/2024	23:00	6.6	247.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
6/9/2024	0:00	5.8	90	7/9/2024	0:00	0.9	112.5	8/9/2024	0:00	0.9	112.5	9/9/2024	0:00	0.9	90
6/9/2024	1:00	5.8	135	7/9/2024	1:00	1.3	135	8/9/2024	1:00	0.4	112.5	9/9/2024	1:00	0.9	112.5
6/9/2024	2:00	5.8	90	7/9/2024	2:00	0.9	202.5	8/9/2024	2:00	0.9	112.5	9/9/2024	2:00	0.4	135
6/9/2024	3:00	5.8	112.5	7/9/2024	3:00	0.9	22.5	8/9/2024	3:00	1.8	112.5	9/9/2024	3:00	0.4	45
6/9/2024	4:00	4.4	112.5	7/9/2024	4:00	0.9	135	8/9/2024	4:00	0.1	135	9/9/2024	4:00	1.3	112.5
6/9/2024	5:00	5.7	22.5	7/9/2024	5:00	0.9	135	8/9/2024	5:00	1.8	337.5	9/9/2024	5:00	0.9	90
6/9/2024	6:00	4.1	270	7/9/2024	6:00	0.9	202.5	8/9/2024	6:00	0.4	135	9/9/2024	6:00	1.3	22.5
6/9/2024	7:00	3.6	0	7/9/2024	7:00	0.4	202.5	8/9/2024	7:00	0.4	135	9/9/2024	7:00	1.3	90
6/9/2024	8:00	3.6	270	7/9/2024	8:00	0	202.5	8/9/2024	8:00	0.4	135	9/9/2024	8:00	1.8	45
6/9/2024	9:00	3.6	337.5	7/9/2024	9:00	0.4	112.5	8/9/2024	9:00	0.9	270	9/9/2024	9:00	1.8	90
6/9/2024	10:00	2.8	90	7/9/2024	10:00	0	247.5	8/9/2024	10:00	1.8	337.5	9/9/2024	10:00	0.9	90
6/9/2024	11:00	1.3	90	7/9/2024	11:00	0.4	247.5	8/9/2024	11:00	0.4	247.5	9/9/2024	11:00	1.3	112.5
6/9/2024	12:00	1.3	225	7/9/2024	12:00	0.4	135	8/9/2024	12:00	0.4	225	9/9/2024	12:00	0.9	135
6/9/2024	13:00	1.3	112.5	7/9/2024	13:00	1.8	67.5	8/9/2024	13:00	0.9	270	9/9/2024	13:00	0.9	202.5
6/9/2024	14:00	1.3	270	7/9/2024	14:00	0.9	67.5	8/9/2024	14:00	1.3	247.5	9/9/2024	14:00	0.9	247.5
6/9/2024	15:00	0.9	270	7/9/2024	15:00	0.9	135	8/9/2024	15:00	1.3	135	9/9/2024	15:00	0.9	247.5
6/9/2024	16:00	0.4	22.5	7/9/2024	16:00	0.4	135	8/9/2024	16:00	1.3	67.5	9/9/2024	16:00	1.3	247.5
6/9/2024	17:00	0.9	202.5	7/9/2024	17:00	0.4	112.5	8/9/2024	17:00	0.4	247.5	9/9/2024	17:00	1.8	135
6/9/2024	18:00	0.4	270	7/9/2024	18:00	0.4	135	8/9/2024	18:00	0.4	225	9/9/2024	18:00	0.4	112.5
6/9/2024	19:00	0.9	90	7/9/2024	19:00	0.4	112.5	8/9/2024	19:00	0.9	270	9/9/2024	19:00	1.3	112.5
6/9/2024	20:00	1.3	67.5	7/9/2024	20:00	0.4	135	8/9/2024	20:00	1.3	247.5	9/9/2024	20:00	1.3	135
6/9/2024	21:00	0.9	67.5	7/9/2024	21:00	0.9	90	8/9/2024	21:00	1.3	135	9/9/2024	21:00	1.3	45
6/9/2024	22:00	1.3	67.5	7/9/2024	22:00	0.9	90	8/9/2024	22:00	0.9	67.5	9/9/2024	22:00	1.8	337.5
6/9/2024	23:00	0.9	225	7/9/2024	23:00	0.9	67.5	8/9/2024	23:00	0.9	112.5	9/9/2024	23:00	0.9	247.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
10/9/2024	0:00	0.9	112.5	11/9/2024	0:00	0.4	202.5	12/9/2024	0:00	0.4	180	13/9/2024	0:00	0.9	90
10/9/2024	1:00	1.3	270	11/9/2024	1:00	0.4	247.5	12/9/2024	1:00	0.4	180	13/9/2024	1:00	0.9	90
10/9/2024	2:00	1.3	45	11/9/2024	2:00	0.4	247.5	12/9/2024	2:00	0.9	180	13/9/2024	2:00	1.3	90
10/9/2024	3:00	0.9	22.5	11/9/2024	3:00	0.4	247.5	12/9/2024	3:00	1.3	180	13/9/2024	3:00	0.4	90
10/9/2024	4:00	1.3	45	11/9/2024	4:00	0.4	90	12/9/2024	4:00	0.4	22.5	13/9/2024	4:00	0.9	90
10/9/2024	5:00	0.9	22.5	11/9/2024	5:00	0.9	90	12/9/2024	5:00	0.4	22.5	13/9/2024	5:00	0.4	135
10/9/2024	6:00	1.3	22.5	11/9/2024	6:00	0.9	22.5	12/9/2024	6:00	0.9	45	13/9/2024	6:00	1.3	315
10/9/2024	7:00	1.8	22.5	11/9/2024	7:00	0.9	90	12/9/2024	7:00	0.9	45	13/9/2024	7:00	1.3	112.5
10/9/2024	8:00	0.4	22.5	11/9/2024	8:00	0.9	45	12/9/2024	8:00	0.4	67.5	13/9/2024	8:00	0.4	337.5
10/9/2024	9:00	0.9	22.5	11/9/2024	9:00	1.3	90	12/9/2024	9:00	0.9	135	13/9/2024	9:00	0.9	270
10/9/2024	10:00	1.8	22.5	11/9/2024	10:00	1.3	90	12/9/2024	10:00	0.9	135	13/9/2024	10:00	0.9	315
10/9/2024	11:00	1.8	22.5	11/9/2024	11:00	1.3	22.5	12/9/2024	11:00	0.9	135	13/9/2024	11:00	0.9	45
10/9/2024	12:00	1.8	22.5	11/9/2024	12:00	0.9	22.5	12/9/2024	12:00	0.9	112.5	13/9/2024	12:00	0.9	337.5
10/9/2024	13:00	0.9	45	11/9/2024	13:00	0.9	22.5	12/9/2024	13:00	1.3	45	13/9/2024	13:00	0.9	270
10/9/2024	14:00	1.3	90	11/9/2024	14:00	0.4	135	12/9/2024	14:00	1.3	180	13/9/2024	14:00	1.8	45
10/9/2024	15:00	1.3	90	11/9/2024	15:00	0.9	135	12/9/2024	15:00	1.3	180	13/9/2024	15:00	1.3	45
10/9/2024	16:00	1.3	22.5	11/9/2024	16:00	1.3	135	12/9/2024	16:00	0.9	180	13/9/2024	16:00	1.8	112.5
10/9/2024	17:00	0.4	315	11/9/2024	17:00	1.3	157.5	12/9/2024	17:00	0.9	180	13/9/2024	17:00	0.9	90
10/9/2024	18:00	0.9	45	11/9/2024	18:00	0.9	135	12/9/2024	18:00	0.9	22.5	13/9/2024	18:00	1.3	112.5
10/9/2024	19:00	0.9	22.5	11/9/2024	19:00	1.3	112.5	12/9/2024	19:00	1.3	22.5	13/9/2024	19:00	1.3	90
10/9/2024	20:00	0.9	292.5	11/9/2024	20:00	0.4	270	12/9/2024	20:00	1.3	45	13/9/2024	20:00	1.8	90
10/9/2024	21:00	0.9	67.5	11/9/2024	21:00	0.9	270	12/9/2024	21:00	1.3	45	13/9/2024	21:00	1.3	90
10/9/2024	22:00	0.9	112.5	11/9/2024	22:00	0.9	270	12/9/2024	22:00	0.9	67.5	13/9/2024	22:00	1.8	90
10/9/2024	23:00	0.4	225	11/9/2024	23:00	1.3	270	12/9/2024	23:00	0.9	135	13/9/2024	23:00	0.9	112.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
14/9/2024	0:00	0.4	247.5	15/9/2024	0:00	0.4	45	16/9/2024	0:00	0.9	135	17/9/2024	0:00	1.3	112.5
14/9/2024	1:00	0.9	90	15/9/2024	1:00	0.9	90	16/9/2024	1:00	0.9	135	17/9/2024	1:00	0.9	45
14/9/2024	2:00	0.9	112.5	15/9/2024	2:00	1.3	90	16/9/2024	2:00	0.9	112.5	17/9/2024	2:00	1.3	90
14/9/2024	3:00	0.4	112.5	15/9/2024	3:00	0.4	90	16/9/2024	3:00	0.9	45	17/9/2024	3:00	0.9	45
14/9/2024	4:00	1.3	135	15/9/2024	4:00	0.9	90	16/9/2024	4:00	1.3	45	17/9/2024	4:00	1.3	225
14/9/2024	5:00	1.3	135	15/9/2024	5:00	0.4	135	16/9/2024	5:00	0.9	337.5	17/9/2024	5:00	1.3	157.5
14/9/2024	6:00	0.9	135	15/9/2024	6:00	1.3	315	16/9/2024	6:00	0.4	90	17/9/2024	6:00	0.9	202.5
14/9/2024	7:00	0.9	112.5	15/9/2024	7:00	1.3	112.5	16/9/2024	7:00	0.4	337.5	17/9/2024	7:00	0.4	202.5
14/9/2024	8:00	1.3	67.5	15/9/2024	8:00	0.4	337.5	16/9/2024	8:00	0.4	22.5	17/9/2024	8:00	0.4	247.5
14/9/2024	9:00	1.3	135	15/9/2024	9:00	0.9	270	16/9/2024	9:00	0.9	270	17/9/2024	9:00	0.9	225
14/9/2024	10:00	1.3	22.5	15/9/2024	10:00	0.9	315	16/9/2024	10:00	1.3	45	17/9/2024	10:00	0.4	157.5
14/9/2024	11:00	1.3	135	15/9/2024	11:00	0.9	45	16/9/2024	11:00	1.3	45	17/9/2024	11:00	0.9	202.5
14/9/2024	12:00	1.3	135	15/9/2024	12:00	0.9	135	16/9/2024	12:00	0.4	22.5	17/9/2024	12:00	1.8	202.5
14/9/2024	13:00	0.9	112.5	15/9/2024	13:00	0.9	112.5	16/9/2024	13:00	0.4	292.5	17/9/2024	13:00	0.1	112.5
14/9/2024	14:00	0.4	112.5	15/9/2024	14:00	0.9	337.5	16/9/2024	14:00	1.3	22.5	17/9/2024	14:00	1.8	112.5
14/9/2024	15:00	0.4	225	15/9/2024	15:00	1.3	22.5	16/9/2024	15:00	0.9	22.5	17/9/2024	15:00	0.4	90
14/9/2024	16:00	0.4	225	15/9/2024	16:00	1.3	315	16/9/2024	16:00	1.8	315	17/9/2024	16:00	0.4	67.5
14/9/2024	17:00	0.4	45	15/9/2024	17:00	0.4	112.5	16/9/2024	17:00	1.8	90	17/9/2024	17:00	0.4	67.5
14/9/2024	18:00	0.4	337.5	15/9/2024	18:00	0.4	67.5	16/9/2024	18:00	1.3	135	17/9/2024	18:00	0.4	67.5
14/9/2024	19:00	0.4	67.5	15/9/2024	19:00	1.3	292.5	16/9/2024	19:00	1.8	90	17/9/2024	19:00	0.4	135
14/9/2024	20:00	0.4	45	15/9/2024	20:00	0.9	247.5	16/9/2024	20:00	1.8	135	17/9/2024	20:00	1.3	67.5
14/9/2024	21:00	0.4	225	15/9/2024	21:00	1.8	247.5	16/9/2024	21:00	0.9	90	17/9/2024	21:00	1.3	90
14/9/2024	22:00	0.4	225	15/9/2024	22:00	1.3	67.5	16/9/2024	22:00	1.3	112.5	17/9/2024	22:00	0.4	112.5
14/9/2024	23:00	0.4	112.5	15/9/2024	23:00	0.9	112.5	16/9/2024	23:00	1.3	135	17/9/2024	23:00	0.4	270

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
18/9/2024	0:00	0.9	45	19/9/2024	0:00	0.4	90	20/9/2024	0:00	1.3	67.5	21/9/2024	0:00	0.9	90
18/9/2024	1:00	0.9	337.5	19/9/2024	1:00	0.9	202.5	20/9/2024	1:00	0.4	45	21/9/2024	1:00	0.4	90
18/9/2024	2:00	1.3	112.5	19/9/2024	2:00	0.4	202.5	20/9/2024	2:00	1.3	112.5	21/9/2024	2:00	0.4	112.5
18/9/2024	3:00	1.3	112.5	19/9/2024	3:00	0.4	247.5	20/9/2024	3:00	0.9	45	21/9/2024	3:00	0.9	202.5
18/9/2024	4:00	2.2	135	19/9/2024	4:00	0.9	225	20/9/2024	4:00	1.3	90	21/9/2024	4:00	0.9	45
18/9/2024	5:00	1.3	135	19/9/2024	5:00	0.4	157.5	20/9/2024	5:00	0.9	45	21/9/2024	5:00	0.4	337.5
18/9/2024	6:00	1.8	112.5	19/9/2024	6:00	0.9	202.5	20/9/2024	6:00	0.4	135	21/9/2024	6:00	0.4	135
18/9/2024	7:00	1.3	90	19/9/2024	7:00	1.8	202.5	20/9/2024	7:00	0.9	112.5	21/9/2024	7:00	0.9	112.5
18/9/2024	8:00	1.3	22.5	19/9/2024	8:00	0.1	112.5	20/9/2024	8:00	0.4	22.5	21/9/2024	8:00	0.9	22.5
18/9/2024	9:00	1.3	135	19/9/2024	9:00	1.8	112.5	20/9/2024	9:00	1.3	45	21/9/2024	9:00	0.4	45
18/9/2024	10:00	1.3	135	19/9/2024	10:00	0.4	90	20/9/2024	10:00	1.8	67.5	21/9/2024	10:00	1.3	315
18/9/2024	11:00	1.3	90	19/9/2024	11:00	0.4	67.5	20/9/2024	11:00	0.9	67.5	21/9/2024	11:00	1.3	45
18/9/2024	12:00	0.9	45	19/9/2024	12:00	0.4	67.5	20/9/2024	12:00	0.9	90	21/9/2024	12:00	1.3	45
18/9/2024	13:00	0.4	22.5	19/9/2024	13:00	0.4	67.5	20/9/2024	13:00	0.4	90	21/9/2024	13:00	0.4	337.5
18/9/2024	14:00	0.9	45	19/9/2024	14:00	0.4	90	20/9/2024	14:00	0.4	67.5	21/9/2024	14:00	0.9	157.5
18/9/2024	15:00	0.9	135	19/9/2024	15:00	0.4	157.5	20/9/2024	15:00	0.4	112.5	21/9/2024	15:00	0.1	202.5
18/9/2024	16:00	0.4	315	19/9/2024	16:00	0.4	202.5	20/9/2024	16:00	0.4	90	21/9/2024	16:00	1.8	202.5
18/9/2024	17:00	0.9	112.5	19/9/2024	17:00	0.4	202.5	20/9/2024	17:00	0.4	90	21/9/2024	17:00	0.4	202.5
18/9/2024	18:00	0.9	112.5	19/9/2024	18:00	0.4	112.5	20/9/2024	18:00	0.4	90	21/9/2024	18:00	0.9	202.5
18/9/2024	19:00	0.4	90	19/9/2024	19:00	0.4	112.5	20/9/2024	19:00	0.4	67.5	21/9/2024	19:00	0.9	135
18/9/2024	20:00	0.4	135	19/9/2024	20:00	0.4	90	20/9/2024	20:00	0.9	90	21/9/2024	20:00	0.9	135
18/9/2024	21:00	0.9	90	19/9/2024	21:00	0.9	67.5	20/9/2024	21:00	0.9	135	21/9/2024	21:00	1.3	112.5
18/9/2024	22:00	0.9	45	19/9/2024	22:00	1.3	67.5	20/9/2024	22:00	0.4	135	21/9/2024	22:00	0.4	90
18/9/2024	23:00	0.4	247.5	19/9/2024	23:00	0.9	67.5	20/9/2024	23:00	0.9	22.5	21/9/2024	23:00	0.9	22.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
22/9/2024	0:00	0.4	45	23/9/2024	0:00	0.9	67.5	24/9/2024	0:00	0.9	112.5	25/9/2024	0:00	1.3	45
22/9/2024	1:00	1.3	135	23/9/2024	1:00	0.9	90	24/9/2024	1:00	0.9	67.5	25/9/2024	1:00	0.9	45
22/9/2024	2:00	1.3	315	23/9/2024	2:00	0.4	22.5	24/9/2024	2:00	1.3	90	25/9/2024	2:00	1.3	45
22/9/2024	3:00	1.3	112.5	23/9/2024	3:00	0.4	135	24/9/2024	3:00	0.9	135	25/9/2024	3:00	0.9	45
22/9/2024	4:00	0.9	112.5	23/9/2024	4:00	0.9	135	24/9/2024	4:00	0.9	135	25/9/2024	4:00	0.9	45
22/9/2024	5:00	0.4	90	23/9/2024	5:00	0.9	90	24/9/2024	5:00	0.9	112.5	25/9/2024	5:00	0.9	270
22/9/2024	6:00	0.4	135	23/9/2024	6:00	0.9	45	24/9/2024	6:00	0.9	112.5	25/9/2024	6:00	0.4	90
22/9/2024	7:00	0.9	90	23/9/2024	7:00	1.3	22.5	24/9/2024	7:00	1.3	247.5	25/9/2024	7:00	0.9	112.5
22/9/2024	8:00	0.4	45	23/9/2024	8:00	0.4	45	24/9/2024	8:00	1.3	225	25/9/2024	8:00	0.9	90
22/9/2024	9:00	0.9	247.5	23/9/2024	9:00	0.4	135	24/9/2024	9:00	1.3	157.5	25/9/2024	9:00	1.3	112.5
22/9/2024	10:00	1.8	202.5	23/9/2024	10:00	0.4	315	24/9/2024	10:00	0.9	202.5	25/9/2024	10:00	1.3	67.5
22/9/2024	11:00	0.1	112.5	23/9/2024	11:00	0.9	112.5	24/9/2024	11:00	0.4	202.5	25/9/2024	11:00	1.3	112.5
22/9/2024	12:00	1.8	112.5	23/9/2024	12:00	0.9	67.5	24/9/2024	12:00	0.4	247.5	25/9/2024	12:00	0.9	67.5
22/9/2024	13:00	0.4	90	23/9/2024	13:00	0.4	112.5	24/9/2024	13:00	0.9	225	25/9/2024	13:00	1.3	157.5
22/9/2024	14:00	0.4	67.5	23/9/2024	14:00	0.9	202.5	24/9/2024	14:00	0.4	157.5	25/9/2024	14:00	1.3	202.5
22/9/2024	15:00	0.4	67.5	23/9/2024	15:00	0.4	202.5	24/9/2024	15:00	0.9	202.5	25/9/2024	15:00	0.9	90
22/9/2024	16:00	0.4	67.5	23/9/2024	16:00	0.4	247.5	24/9/2024	16:00	1.8	202.5	25/9/2024	16:00	1.3	112.5
22/9/2024	17:00	0.4	135	23/9/2024	17:00	0.9	225	24/9/2024	17:00	0.1	112.5	25/9/2024	17:00	1.3	67.5
22/9/2024	18:00	0.9	67.5	23/9/2024	18:00	0.4	157.5	24/9/2024	18:00	1.8	112.5	25/9/2024	18:00	1.3	112.5
22/9/2024	19:00	0.9	90	23/9/2024	19:00	0.9	202.5	24/9/2024	19:00	0.4	90	25/9/2024	19:00	0.9	67.5
22/9/2024	20:00	0.4	112.5	23/9/2024	20:00	1.8	202.5	24/9/2024	20:00	0.4	67.5	25/9/2024	20:00	1.3	157.5
22/9/2024	21:00	0.9	112.5	23/9/2024	21:00	0.1	112.5	24/9/2024	21:00	0.4	67.5	25/9/2024	21:00	1.3	202.5
22/9/2024	22:00	1.3	90	23/9/2024	22:00	0.9	112.5	24/9/2024	22:00	0.4	67.5	25/9/2024	22:00	0.9	225
22/9/2024	23:00	0.4	67.5	23/9/2024	23:00	0.4	225	24/9/2024	23:00	0.4	45	25/9/2024	23:00	0.9	157.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
26/9/2024	0:00	2.2	225	27/9/2024	0:00	0.9	22.5	28/9/2024	0:00	1.8	135	29/9/2024	0:00	1.8	22.5
26/9/2024	1:00	2.7	225	27/9/2024	1:00	1.3	22.5	28/9/2024	1:00	1.8	270	29/9/2024	1:00	1.3	112.5
26/9/2024	2:00	1.8	292.5	27/9/2024	2:00	0.9	180	28/9/2024	2:00	0.9	247.5	29/9/2024	2:00	2.2	67.5
26/9/2024	3:00	2.2	247.5	27/9/2024	3:00	0.9	90	28/9/2024	3:00	0.9	247.5	29/9/2024	3:00	2.2	112.5
26/9/2024	4:00	1.3	270	27/9/2024	4:00	0.4	135	28/9/2024	4:00	0.9	247.5	29/9/2024	4:00	2.7	337.5
26/9/2024	5:00	1.3	337.5	27/9/2024	5:00	0.4	202.5	28/9/2024	5:00	0	90	29/9/2024	5:00	1.8	337.5
26/9/2024	6:00	1.3	22.5	27/9/2024	6:00	0.9	112.5	28/9/2024	6:00	0.4	67.5	29/9/2024	6:00	1.3	22.5
26/9/2024	7:00	2.2	112.5	27/9/2024	7:00	0.9	135	28/9/2024	7:00	0.9	67.5	29/9/2024	7:00	1.3	112.5
26/9/2024	8:00	2.2	67.5	27/9/2024	8:00	1.3	112.5	28/9/2024	8:00	0.9	90	29/9/2024	8:00	0.9	67.5
26/9/2024	9:00	2.7	67.5	27/9/2024	9:00	1.3	112.5	28/9/2024	9:00	0.4	90	29/9/2024	9:00	1.3	67.5
26/9/2024	10:00	1.8	90	27/9/2024	10:00	1.3	90	28/9/2024	10:00	0.9	67.5	29/9/2024	10:00	0.9	90
26/9/2024	11:00	2.2	90	27/9/2024	11:00	1.8	22.5	28/9/2024	11:00	0.9	112.5	29/9/2024	11:00	0.4	90
26/9/2024	12:00	1.3	67.5	27/9/2024	12:00	0.4	90	28/9/2024	12:00	1.3	90	29/9/2024	12:00	0.4	67.5
26/9/2024	13:00	1.3	112.5	27/9/2024	13:00	1.3	112.5	28/9/2024	13:00	1.3	112.5	29/9/2024	13:00	0.9	112.5
26/9/2024	14:00	1.3	112.5	27/9/2024	14:00	1.3	225	28/9/2024	14:00	1.3	90	29/9/2024	14:00	0.9	90
26/9/2024	15:00	1.3	337.5	27/9/2024	15:00	0.9	270	28/9/2024	15:00	0.9	90	29/9/2024	15:00	1.3	112.5
26/9/2024	16:00	0.9	67.5	27/9/2024	16:00	0.9	22.5	28/9/2024	16:00	1.3	112.5	29/9/2024	16:00	0.9	90
26/9/2024	17:00	0.9	67.5	27/9/2024	17:00	0.9	22.5	28/9/2024	17:00	0.9	90	29/9/2024	17:00	1.3	112.5
26/9/2024	18:00	0.9	90	27/9/2024	18:00	0.9	22.5	28/9/2024	18:00	0.9	135	29/9/2024	18:00	0.4	67.5
26/9/2024	19:00	0.9	90	27/9/2024	19:00	0.9	22.5	28/9/2024	19:00	0.4	180	29/9/2024	19:00	0.9	112.5
26/9/2024	20:00	0.9	67.5	27/9/2024	20:00	0.9	90	28/9/2024	20:00	0.4	180	29/9/2024	20:00	0.9	67.5
26/9/2024	21:00	0.9	112.5	27/9/2024	21:00	0.9	225	28/9/2024	21:00	0.4	157.5	29/9/2024	21:00	1.3	202.5
26/9/2024	22:00	0.9	135	27/9/2024	22:00	0.4	225	28/9/2024	22:00	0.9	157.5	29/9/2024	22:00	1.3	135
26/9/2024	23:00	0.9	22.5	27/9/2024	23:00	0.4	225	28/9/2024	23:00	0.9	157.5	29/9/2024	23:00	0.4	112.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
30/9/2024	0:00	0.4	247.5	1/10/2024	0:00	1.3	90	2/10/2024	0:00	0.9	90	3/10/2024	0:00	0.9	247.5
30/9/2024	1:00	1.3	90	1/10/2024	1:00	2.2	112.5	2/10/2024	1:00	1.8	135	3/10/2024	1:00	0.4	270
30/9/2024	2:00	2.7	225	1/10/2024	2:00	0.4	112.5	2/10/2024	2:00	2.2	90	3/10/2024	2:00	0.4	112.5
30/9/2024	3:00	1.8	292.5	1/10/2024	3:00	0.4	112.5	2/10/2024	3:00	1.8	67.5	3/10/2024	3:00	0.4	112.5
30/9/2024	4:00	2.2	247.5	1/10/2024	4:00	0.4	90	2/10/2024	4:00	1.3	90	3/10/2024	4:00	0.4	90
30/9/2024	5:00	1.3	270	1/10/2024	5:00	0.9	90	2/10/2024	5:00	0.9	112.5	3/10/2024	5:00	0.4	112.5
30/9/2024	6:00	1.3	270	1/10/2024	6:00	0.4	112.5	2/10/2024	6:00	0.9	67.5	3/10/2024	6:00	0.4	90
30/9/2024	7:00	1.3	135	1/10/2024	7:00	0.4	112.5	2/10/2024	7:00	0.4	112.5	3/10/2024	7:00	0.9	90
30/9/2024	8:00	2.2	315	1/10/2024	8:00	0.4	112.5	2/10/2024	8:00	0.4	90	3/10/2024	8:00	1.3	90
30/9/2024	9:00	2.2	315	1/10/2024	9:00	0.4	90	2/10/2024	9:00	1.8	112.5	3/10/2024	9:00	1.3	90
30/9/2024	10:00	2.7	45	1/10/2024	10:00	0.9	90	2/10/2024	10:00	2.2	112.5	3/10/2024	10:00	1.8	112.5
30/9/2024	11:00	1.8	247.5	1/10/2024	11:00	0.4	67.5	2/10/2024	11:00	1.8	90	3/10/2024	11:00	1.8	157.5
30/9/2024	12:00	2.2	270	1/10/2024	12:00	0.9	45	2/10/2024	12:00	1.3	90	3/10/2024	12:00	1.8	112.5
30/9/2024	13:00	1.3	270	1/10/2024	13:00	0.9	90	2/10/2024	13:00	1.8	67.5	3/10/2024	13:00	0.4	135
30/9/2024	14:00	1.3	135	1/10/2024	14:00	0.9	67.5	2/10/2024	14:00	2.2	45	3/10/2024	14:00	0.4	337.5
30/9/2024	15:00	1.3	112.5	1/10/2024	15:00	0.9	292.5	2/10/2024	15:00	1.8	90	3/10/2024	15:00	0.9	135
30/9/2024	16:00	0.9	112.5	1/10/2024	16:00	0.9	112.5	2/10/2024	16:00	1.3	67.5	3/10/2024	16:00	0.4	135
30/9/2024	17:00	1.3	112.5	1/10/2024	17:00	0.9	135	2/10/2024	17:00	0.9	135	3/10/2024	17:00	0.9	135
30/9/2024	18:00	1.3	135	1/10/2024	18:00	0.9	112.5	2/10/2024	18:00	0.9	112.5	3/10/2024	18:00	0.9	270
30/9/2024	19:00	1.3	157.5	1/10/2024	19:00	0.9	135	2/10/2024	19:00	1.8	135	3/10/2024	19:00	0.4	337.5
30/9/2024	20:00	0.4	90	1/10/2024	20:00	0.9	112.5	2/10/2024	20:00	0.9	112.5	3/10/2024	20:00	2.2	112.5
30/9/2024	21:00	0.4	22.5	1/10/2024	21:00	0.9	90	2/10/2024	21:00	1.8	112.5	3/10/2024	21:00	2.2	135
30/9/2024	22:00	0.4	112.5	1/10/2024	22:00	0.4	135	2/10/2024	22:00	1.3	90	3/10/2024	22:00	2.2	112.5
30/9/2024	23:00	0.9	337.5	1/10/2024	23:00	0.4	90	2/10/2024	23:00	1.8	135	3/10/2024	23:00	1.8	90

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
4/10/2024	0:00	0.4	22.5	5/10/2024	0:00	0.4	135	6/10/2024	0:00	1.3	90	7/10/2024	0:00	0.9	67.5
4/10/2024	1:00	0.4	90	5/10/2024	1:00	0.9	90	6/10/2024	1:00	1.3	135	7/10/2024	1:00	1.3	112.5
4/10/2024	2:00	0.9	112.5	5/10/2024	2:00	0.9	112.5	6/10/2024	2:00	1.3	90	7/10/2024	2:00	0.9	67.5
4/10/2024	3:00	1.8	112.5	5/10/2024	3:00	0.9	67.5	6/10/2024	3:00	0.9	112.5	7/10/2024	3:00	0.9	67.5
4/10/2024	4:00	0.1	45	5/10/2024	4:00	0.9	67.5	6/10/2024	4:00	1.3	112.5	7/10/2024	4:00	0.9	180
4/10/2024	5:00	1.8	67.5	5/10/2024	5:00	0.9	90	6/10/2024	5:00	0.9	22.5	7/10/2024	5:00	0.9	247.5
4/10/2024	6:00	0.4	135	5/10/2024	6:00	0.4	90	6/10/2024	6:00	0.9	67.5	7/10/2024	6:00	1.3	270
4/10/2024	7:00	0.4	135	5/10/2024	7:00	0	67.5	6/10/2024	7:00	0.9	90	7/10/2024	7:00	0.9	270
4/10/2024	8:00	0.4	135	5/10/2024	8:00	0.4	112.5	6/10/2024	8:00	0.4	135	7/10/2024	8:00	1.3	247.5
4/10/2024	9:00	0.9	112.5	5/10/2024	9:00	0	67.5	6/10/2024	9:00	0.9	90	7/10/2024	9:00	1.3	247.5
4/10/2024	10:00	1.8	45	5/10/2024	10:00	0.4	67.5	6/10/2024	10:00	1.3	112.5	7/10/2024	10:00	1.3	292.5
4/10/2024	11:00	0.4	180	5/10/2024	11:00	0.4	180	6/10/2024	11:00	0.9	135	7/10/2024	11:00	0.9	112.5
4/10/2024	12:00	0.4	180	5/10/2024	12:00	0.9	247.5	6/10/2024	12:00	0.4	112.5	7/10/2024	12:00	1.3	135
4/10/2024	13:00	0.9	180	5/10/2024	13:00	0.9	270	6/10/2024	13:00	0.4	112.5	7/10/2024	13:00	0.9	112.5
4/10/2024	14:00	0.4	180	5/10/2024	14:00	0.9	270	6/10/2024	14:00	0.4	157.5	7/10/2024	14:00	0.9	135
4/10/2024	15:00	0.9	135	5/10/2024	15:00	0.4	247.5	6/10/2024	15:00	0.9	90	7/10/2024	15:00	0.9	112.5
4/10/2024	16:00	0.9	112.5	5/10/2024	16:00	0.4	247.5	6/10/2024	16:00	0.9	112.5	7/10/2024	16:00	1.8	135
4/10/2024	17:00	1.3	90	5/10/2024	17:00	0.9	270	6/10/2024	17:00	0.4	90	7/10/2024	17:00	1.3	112.5
4/10/2024	18:00	1.3	135	5/10/2024	18:00	0.9	270	6/10/2024	18:00	0	247.5	7/10/2024	18:00	0.4	135
4/10/2024	19:00	1.3	90	5/10/2024	19:00	0.4	247.5	6/10/2024	19:00	0.4	247.5	7/10/2024	19:00	0.4	112.5
4/10/2024	20:00	1.3	135	5/10/2024	20:00	0.4	202.5	6/10/2024	20:00	0	270	7/10/2024	20:00	0.4	135
4/10/2024	21:00	1.3	90	5/10/2024	21:00	0.9	247.5	6/10/2024	21:00	0.4	247.5	7/10/2024	21:00	0.9	90
4/10/2024	22:00	1.3	112.5	5/10/2024	22:00	0.9	135	6/10/2024	22:00	0.4	247.5	7/10/2024	22:00	0.9	90
4/10/2024	23:00	1.3	180	5/10/2024	23:00	1.3	67.5	6/10/2024	23:00	1.8	225	7/10/2024	23:00	0.9	67.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
8/10/2024	0:00	0.9	112.5	9/10/2024	0:00	0.9	90	10/10/2024	0:00	0.9	112.5	11/10/2024	0:00	0.4	90
8/10/2024	1:00	1.3	112.5	9/10/2024	1:00	0.9	112.5	10/10/2024	1:00	1.3	270	11/10/2024	1:00	0.4	112.5
8/10/2024	2:00	1.3	112.5	9/10/2024	2:00	0.4	135	10/10/2024	2:00	0.4	45	11/10/2024	2:00	0.4	112.5
8/10/2024	3:00	0.9	90	9/10/2024	3:00	0.4	45	10/10/2024	3:00	0.9	22.5	11/10/2024	3:00	0.4	22.5
8/10/2024	4:00	1.3	112.5	9/10/2024	4:00	1.3	112.5	10/10/2024	4:00	0.9	45	11/10/2024	4:00	0.4	67.5
8/10/2024	5:00	0.9	90	9/10/2024	5:00	0.9	90	10/10/2024	5:00	1.3	22.5	11/10/2024	5:00	0.9	90
8/10/2024	6:00	0.9	112.5	9/10/2024	6:00	1.3	22.5	10/10/2024	6:00	1.3	22.5	11/10/2024	6:00	0.9	135
8/10/2024	7:00	0.9	67.5	9/10/2024	7:00	1.3	90	10/10/2024	7:00	1.3	22.5	11/10/2024	7:00	0.9	90
8/10/2024	8:00	0.4	112.5	9/10/2024	8:00	0.4	45	10/10/2024	8:00	0.9	22.5	11/10/2024	8:00	0.4	112.5
8/10/2024	9:00	0.9	67.5	9/10/2024	9:00	0.4	90	10/10/2024	9:00	1.3	112.5	11/10/2024	9:00	0.4	135
8/10/2024	10:00	1.3	67.5	9/10/2024	10:00	0.4	90	10/10/2024	10:00	0.9	112.5	11/10/2024	10:00	1.3	112.5
8/10/2024	11:00	0.9	90	9/10/2024	11:00	0.4	112.5	10/10/2024	11:00	0.9	315	11/10/2024	11:00	0.9	22.5
8/10/2024	12:00	0.4	90	9/10/2024	12:00	0.9	45	10/10/2024	12:00	0.9	337.5	11/10/2024	12:00	0.4	22.5
8/10/2024	13:00	0.4	67.5	9/10/2024	13:00	0.4	135	10/10/2024	13:00	0.4	112.5	11/10/2024	13:00	0.9	22.5
8/10/2024	14:00	0.4	90	9/10/2024	14:00	0.9	112.5	10/10/2024	14:00	0.9	90	11/10/2024	14:00	0.9	90
8/10/2024	15:00	0.4	67.5	9/10/2024	15:00	0.9	135	10/10/2024	15:00	1.3	112.5	11/10/2024	15:00	0.9	90
8/10/2024	16:00	1.3	67.5	9/10/2024	16:00	0.4	135	10/10/2024	16:00	0.9	112.5	11/10/2024	16:00	0.9	90
8/10/2024	17:00	0.4	247.5	9/10/2024	17:00	0.4	22.5	10/10/2024	17:00	0.9	90	11/10/2024	17:00	0.4	135
8/10/2024	18:00	0.4	225	9/10/2024	18:00	1.3	45	10/10/2024	18:00	1.3	90	11/10/2024	18:00	0.4	315
8/10/2024	19:00	0.9	270	9/10/2024	19:00	0.9	135	10/10/2024	19:00	1.8	112.5	11/10/2024	19:00	0.4	112.5
8/10/2024	20:00	1.3	247.5	9/10/2024	20:00	1.3	202.5	10/10/2024	20:00	0.9	112.5	11/10/2024	20:00	0.9	270
8/10/2024	21:00	1.3	135	9/10/2024	21:00	1.3	112.5	10/10/2024	21:00	0.9	90	11/10/2024	21:00	0.4	270
8/10/2024	22:00	0.9	67.5	9/10/2024	22:00	0.4	112.5	10/10/2024	22:00	0.9	112.5	11/10/2024	22:00	1.3	270
8/10/2024	23:00	0.9	112.5	9/10/2024	23:00	1.8	135	10/10/2024	23:00	0.4	225	11/10/2024	23:00	0.9	270

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
12/10/2024	0:00	0.4	135	13/10/2024	0:00	0.9	202.5	14/10/2024	0:00	0.9	247.5	15/10/2024	0:00	0.4	67.5
12/10/2024	1:00	0.4	112.5	13/10/2024	1:00	1.3	112.5	14/10/2024	1:00	1.3	90	15/10/2024	1:00	0.9	292.5
12/10/2024	2:00	0.9	135	13/10/2024	2:00	0.9	225	14/10/2024	2:00	1.3	112.5	15/10/2024	2:00	0.9	112.5
12/10/2024	3:00	1.3	112.5	13/10/2024	3:00	0.9	225	14/10/2024	3:00	1.3	45	15/10/2024	3:00	0.9	135
12/10/2024	4:00	0.4	135	13/10/2024	4:00	0.9	45	14/10/2024	4:00	1.3	90	15/10/2024	4:00	0.9	135
12/10/2024	5:00	0.4	112.5	13/10/2024	5:00	0.4	337.5	14/10/2024	5:00	1.3	67.5	15/10/2024	5:00	0.9	135
12/10/2024	6:00	0.9	135	13/10/2024	6:00	0.9	67.5	14/10/2024	6:00	0.9	67.5	15/10/2024	6:00	0.9	315
12/10/2024	7:00	0.9	135	13/10/2024	7:00	1.3	45	14/10/2024	7:00	1.3	67.5	15/10/2024	7:00	0.9	112.5
12/10/2024	8:00	0.4	112.5	13/10/2024	8:00	0.9	225	14/10/2024	8:00	1.8	67.5	15/10/2024	8:00	1.3	135
12/10/2024	9:00	0.9	112.5	13/10/2024	9:00	0.9	225	14/10/2024	9:00	1.3	135	15/10/2024	9:00	0.9	45
12/10/2024	10:00	0.9	90	13/10/2024	10:00	0.9	67.5	14/10/2024	10:00	0.9	135	15/10/2024	10:00	0.9	337.5
12/10/2024	11:00	0.9	67.5	13/10/2024	11:00	0.4	292.5	14/10/2024	11:00	0.4	135	15/10/2024	11:00	0.9	135
12/10/2024	12:00	0.9	112.5	13/10/2024	12:00	0.4	112.5	14/10/2024	12:00	0.4	202.5	15/10/2024	12:00	0.9	112.5
12/10/2024	13:00	1.3	180	13/10/2024	13:00	0.9	135	14/10/2024	13:00	0.9	202.5	15/10/2024	13:00	0.9	112.5
12/10/2024	14:00	1.3	337.5	13/10/2024	14:00	0.9	135	14/10/2024	14:00	0.4	112.5	15/10/2024	14:00	0.9	337.5
12/10/2024	15:00	1.3	22.5	13/10/2024	15:00	1.3	135	14/10/2024	15:00	0.4	225	15/10/2024	15:00	1.3	22.5
12/10/2024	16:00	0.9	112.5	13/10/2024	16:00	1.3	315	14/10/2024	16:00	0.4	225	15/10/2024	16:00	0.9	315
12/10/2024	17:00	0.9	112.5	13/10/2024	17:00	0.9	112.5	14/10/2024	17:00	0.4	45	15/10/2024	17:00	0.9	112.5
12/10/2024	18:00	0.4	22.5	13/10/2024	18:00	1.3	135	14/10/2024	18:00	0.4	337.5	15/10/2024	18:00	1.3	22.5
12/10/2024	19:00	0.9	247.5	13/10/2024	19:00	0.9	45	14/10/2024	19:00	0.9	67.5	15/10/2024	19:00	1.3	315
12/10/2024	20:00	1.3	225	13/10/2024	20:00	1.3	90	14/10/2024	20:00	1.3	45	15/10/2024	20:00	0.4	90
12/10/2024	21:00	1.3	270	13/10/2024	21:00	0.9	90	14/10/2024	21:00	0.9	225	15/10/2024	21:00	1.8	135
12/10/2024	22:00	0.9	247.5	13/10/2024	22:00	0.9	90	14/10/2024	22:00	0.9	225	15/10/2024	22:00	1.3	90
12/10/2024	23:00	0.9	135	13/10/2024	23:00	0.9	112.5	14/10/2024	23:00	0.9	112.5	15/10/2024	23:00	0.9	135

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
16/10/2024	0:00	0.9	67.5	17/10/2024	0:00	0.4	90	18/10/2024	0:00	0.4	90	19/10/2024	0:00	0.4	90
16/10/2024	1:00	0.9	67.5	17/10/2024	1:00	0.4	270	18/10/2024	1:00	0.4	112.5	19/10/2024	1:00	0.4	90
16/10/2024	2:00	0.9	67.5	17/10/2024	2:00	0.9	45	18/10/2024	2:00	0.4	135	19/10/2024	2:00	0.9	90
16/10/2024	3:00	0.9	67.5	17/10/2024	3:00	0.4	22.5	18/10/2024	3:00	0.4	67.5	19/10/2024	3:00	0.4	67.5
16/10/2024	4:00	1.3	135	17/10/2024	4:00	0.9	45	18/10/2024	4:00	0.4	67.5	19/10/2024	4:00	0.4	112.5
16/10/2024	5:00	0.9	135	17/10/2024	5:00	0.9	22.5	18/10/2024	5:00	0.4	90	19/10/2024	5:00	0.9	67.5
16/10/2024	6:00	0.4	135	17/10/2024	6:00	0.4	202.5	18/10/2024	6:00	0.4	90	19/10/2024	6:00	1.3	67.5
16/10/2024	7:00	0.4	202.5	17/10/2024	7:00	0.4	202.5	18/10/2024	7:00	0.9	67.5	19/10/2024	7:00	0.9	90
16/10/2024	8:00	0.4	202.5	17/10/2024	8:00	0.9	247.5	18/10/2024	8:00	0.4	112.5	19/10/2024	8:00	0.4	90
16/10/2024	9:00	0.9	202.5	17/10/2024	9:00	0.9	225	18/10/2024	9:00	0.4	90	19/10/2024	9:00	1.3	67.5
16/10/2024	10:00	1.3	45	17/10/2024	10:00	0.4	90	18/10/2024	10:00	0.4	135	19/10/2024	10:00	0.9	112.5
16/10/2024	11:00	0.9	45	17/10/2024	11:00	0.4	90	18/10/2024	11:00	0.4	90	19/10/2024	11:00	1.3	337.5
16/10/2024	12:00	1.3	22.5	17/10/2024	12:00	0.9	67.5	18/10/2024	12:00	0.9	45	19/10/2024	12:00	0.9	45
16/10/2024	13:00	0.9	292.5	17/10/2024	13:00	0.4	90	18/10/2024	13:00	1.3	67.5	19/10/2024	13:00	1.3	337.5
16/10/2024	14:00	0.4	22.5	17/10/2024	14:00	0.4	45	18/10/2024	14:00	0.9	67.5	19/10/2024	14:00	0.9	22.5
16/10/2024	15:00	1.3	22.5	17/10/2024	15:00	0.9	270	18/10/2024	15:00	0.9	90	19/10/2024	15:00	0.4	157.5
16/10/2024	16:00	1.3	202.5	17/10/2024	16:00	0.4	90	18/10/2024	16:00	0.9	90	19/10/2024	16:00	1.3	112.5
16/10/2024	17:00	0.9	202.5	17/10/2024	17:00	0.4	337.5	18/10/2024	17:00	0.4	67.5	19/10/2024	17:00	0.9	67.5
16/10/2024	18:00	1.3	45	17/10/2024	18:00	0.4	90	18/10/2024	18:00	0.4	112.5	19/10/2024	18:00	1.3	112.5
16/10/2024	19:00	1.3	45	17/10/2024	19:00	0.4	112.5	18/10/2024	19:00	0.9	90	19/10/2024	19:00	0.9	337.5
16/10/2024	20:00	0.4	22.5	17/10/2024	20:00	1.3	67.5	18/10/2024	20:00	0.4	112.5	19/10/2024	20:00	0.4	90
16/10/2024	21:00	0.9	90	17/10/2024	21:00	1.3	90	18/10/2024	21:00	0.9	90	19/10/2024	21:00	0.9	67.5
16/10/2024	22:00	1.3	112.5	17/10/2024	22:00	0.4	112.5	18/10/2024	22:00	0.9	45	19/10/2024	22:00	1.3	67.5
16/10/2024	23:00	1.3	135	17/10/2024	23:00	0.4	270	18/10/2024	23:00	0.4	247.5	19/10/2024	23:00	0.9	67.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
20/10/2024	0:00	0.9	67.5	21/10/2024	0:00	0.4	90	22/10/2024	0:00	0.4	45	23/10/2024	0:00	0.9	67.5
20/10/2024	1:00	0.9	45	21/10/2024	1:00	1.3	90	22/10/2024	1:00	1.3	135	23/10/2024	1:00	0.4	90
20/10/2024	2:00	0.9	67.5	21/10/2024	2:00	0.9	112.5	22/10/2024	2:00	1.3	135	23/10/2024	2:00	0.4	22.5
20/10/2024	3:00	0.4	67.5	21/10/2024	3:00	0.4	202.5	22/10/2024	3:00	1.3	112.5	23/10/2024	3:00	1.3	135
20/10/2024	4:00	0.9	90	21/10/2024	4:00	0.4	45	22/10/2024	4:00	0.9	112.5	23/10/2024	4:00	0.9	135
20/10/2024	5:00	1.3	90	21/10/2024	5:00	1.3	337.5	22/10/2024	5:00	0.4	90	23/10/2024	5:00	0.4	90
20/10/2024	6:00	0.9	90	21/10/2024	6:00	0.9	135	22/10/2024	6:00	0.4	67.5	23/10/2024	6:00	0.4	45
20/10/2024	7:00	0.9	67.5	21/10/2024	7:00	0.4	112.5	22/10/2024	7:00	0.9	90	23/10/2024	7:00	0.9	135
20/10/2024	8:00	0.9	90	21/10/2024	8:00	0.9	22.5	22/10/2024	8:00	0.4	292.5	23/10/2024	8:00	0.9	135
20/10/2024	9:00	0.4	45	21/10/2024	9:00	0.9	45	22/10/2024	9:00	0.9	112.5	23/10/2024	9:00	0.4	22.5
20/10/2024	10:00	0.9	270	21/10/2024	10:00	0.9	135	22/10/2024	10:00	0.4	45	23/10/2024	10:00	0.4	112.5
20/10/2024	11:00	1.3	90	21/10/2024	11:00	0.9	112.5	22/10/2024	11:00	0.4	90	23/10/2024	11:00	0.4	112.5
20/10/2024	12:00	0.9	90	21/10/2024	12:00	1.3	135	22/10/2024	12:00	1.3	67.5	23/10/2024	12:00	0.4	112.5
20/10/2024	13:00	0.9	90	21/10/2024	13:00	1.3	135	22/10/2024	13:00	0.9	112.5	23/10/2024	13:00	0.4	112.5
20/10/2024	14:00	0.9	67.5	21/10/2024	14:00	0.9	22.5	22/10/2024	14:00	0.4	112.5	23/10/2024	14:00	0.9	135
20/10/2024	15:00	0.4	112.5	21/10/2024	15:00	0.4	112.5	22/10/2024	15:00	0.4	112.5	23/10/2024	15:00	0.4	135
20/10/2024	16:00	0.4	90	21/10/2024	16:00	0.4	112.5	22/10/2024	16:00	0.9	315	23/10/2024	16:00	0.4	22.5
20/10/2024	17:00	0.4	90	21/10/2024	17:00	1.3	112.5	22/10/2024	17:00	0.9	337.5	23/10/2024	17:00	0.9	112.5
20/10/2024	18:00	0.4	90	21/10/2024	18:00	0.9	112.5	22/10/2024	18:00	0.4	112.5	23/10/2024	18:00	0.4	112.5
20/10/2024	19:00	0.4	67.5	21/10/2024	19:00	0.4	315	22/10/2024	19:00	0.4	90	23/10/2024	19:00	0.9	112.5
20/10/2024	20:00	0.9	90	21/10/2024	20:00	0.4	67.5	22/10/2024	20:00	0.4	112.5	23/10/2024	20:00	1.8	112.5
20/10/2024	21:00	0.9	135	21/10/2024	21:00	1.3	112.5	22/10/2024	21:00	0.4	112.5	23/10/2024	21:00	0.1	315
20/10/2024	22:00	0.4	135	21/10/2024	22:00	0.4	90	22/10/2024	22:00	1.3	90	23/10/2024	22:00	0.9	67.5
20/10/2024	23:00	0.9	22.5	21/10/2024	23:00	0.9	22.5	22/10/2024	23:00	0.4	67.5	23/10/2024	23:00	0.4	135

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
24/10/2024	0:00	0.9	112.5	25/10/2024	0:00	1.3	45	26/10/2024	0:00	0.9	225	27/10/2024	0:00	0.9	22.5
24/10/2024	1:00	0.9	67.5	25/10/2024	1:00	0.9	45	26/10/2024	1:00	0.4	225	27/10/2024	1:00	1.3	22.5
24/10/2024	2:00	1.3	90	25/10/2024	2:00	1.3	45	26/10/2024	2:00	0.9	292.5	27/10/2024	2:00	0.9	180
24/10/2024	3:00	0.4	135	25/10/2024	3:00	0.9	45	26/10/2024	3:00	0.9	247.5	27/10/2024	3:00	0.9	90
24/10/2024	4:00	0.4	135	25/10/2024	4:00	0.9	45	26/10/2024	4:00	0.9	270	27/10/2024	4:00	0.4	135
24/10/2024	5:00	1.3	112.5	25/10/2024	5:00	0.9	270	26/10/2024	5:00	0.9	337.5	27/10/2024	5:00	0.4	202.5
24/10/2024	6:00	0.9	112.5	25/10/2024	6:00	0.4	90	26/10/2024	6:00	0.9	22.5	27/10/2024	6:00	0.9	112.5
24/10/2024	7:00	0.9	247.5	25/10/2024	7:00	0.9	112.5	26/10/2024	7:00	0.9	112.5	27/10/2024	7:00	0.4	67.5
24/10/2024	8:00	1.3	225	25/10/2024	8:00	0.9	90	26/10/2024	8:00	0.4	67.5	27/10/2024	8:00	1.3	67.5
24/10/2024	9:00	1.3	157.5	25/10/2024	9:00	0.9	112.5	26/10/2024	9:00	0.4	67.5	27/10/2024	9:00	0.9	67.5
24/10/2024	10:00	0.9	315	25/10/2024	10:00	0.4	67.5	26/10/2024	10:00	0.4	90	27/10/2024	10:00	0.4	90
24/10/2024	11:00	0.4	67.5	25/10/2024	11:00	0.9	112.5	26/10/2024	11:00	0.9	90	27/10/2024	11:00	0.4	22.5
24/10/2024	12:00	0.4	112.5	25/10/2024	12:00	0.9	67.5	26/10/2024	12:00	1.3	67.5	27/10/2024	12:00	0.4	112.5
24/10/2024	13:00	1.3	135	25/10/2024	13:00	0.9	157.5	26/10/2024	13:00	0.9	112.5	27/10/2024	13:00	0.9	112.5
24/10/2024	14:00	0.9	112.5	25/10/2024	14:00	0.9	202.5	26/10/2024	14:00	0.9	112.5	27/10/2024	14:00	0.9	112.5
24/10/2024	15:00	0.4	112.5	25/10/2024	15:00	0.9	90	26/10/2024	15:00	0.9	337.5	27/10/2024	15:00	0.4	112.5
24/10/2024	16:00	0.4	90	25/10/2024	16:00	0.9	112.5	26/10/2024	16:00	0.9	67.5	27/10/2024	16:00	0.4	112.5
24/10/2024	17:00	0.9	67.5	25/10/2024	17:00	0.4	67.5	26/10/2024	17:00	1.8	67.5	27/10/2024	17:00	0.9	135
24/10/2024	18:00	0.9	90	25/10/2024	18:00	0.4	112.5	26/10/2024	18:00	1.3	90	27/10/2024	18:00	0.4	22.5
24/10/2024	19:00	0.4	292.5	25/10/2024	19:00	0.4	67.5	26/10/2024	19:00	1.8	90	27/10/2024	19:00	0.4	67.5
24/10/2024	20:00	0.4	112.5	25/10/2024	20:00	0.9	157.5	26/10/2024	20:00	0.4	67.5	27/10/2024	20:00	0.4	292.5
24/10/2024	21:00	0.4	45	25/10/2024	21:00	1.3	202.5	26/10/2024	21:00	0.4	112.5	27/10/2024	21:00	0.4	22.5
24/10/2024	22:00	0.4	90	25/10/2024	22:00	0.9	225	26/10/2024	22:00	0.4	135	27/10/2024	22:00	0.4	337.5
24/10/2024	23:00	0.4	45	25/10/2024	23:00	0.9	157.5	26/10/2024	23:00	0.4	22.5	27/10/2024	23:00	0.9	112.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Ng Wah Catholic Secondary School

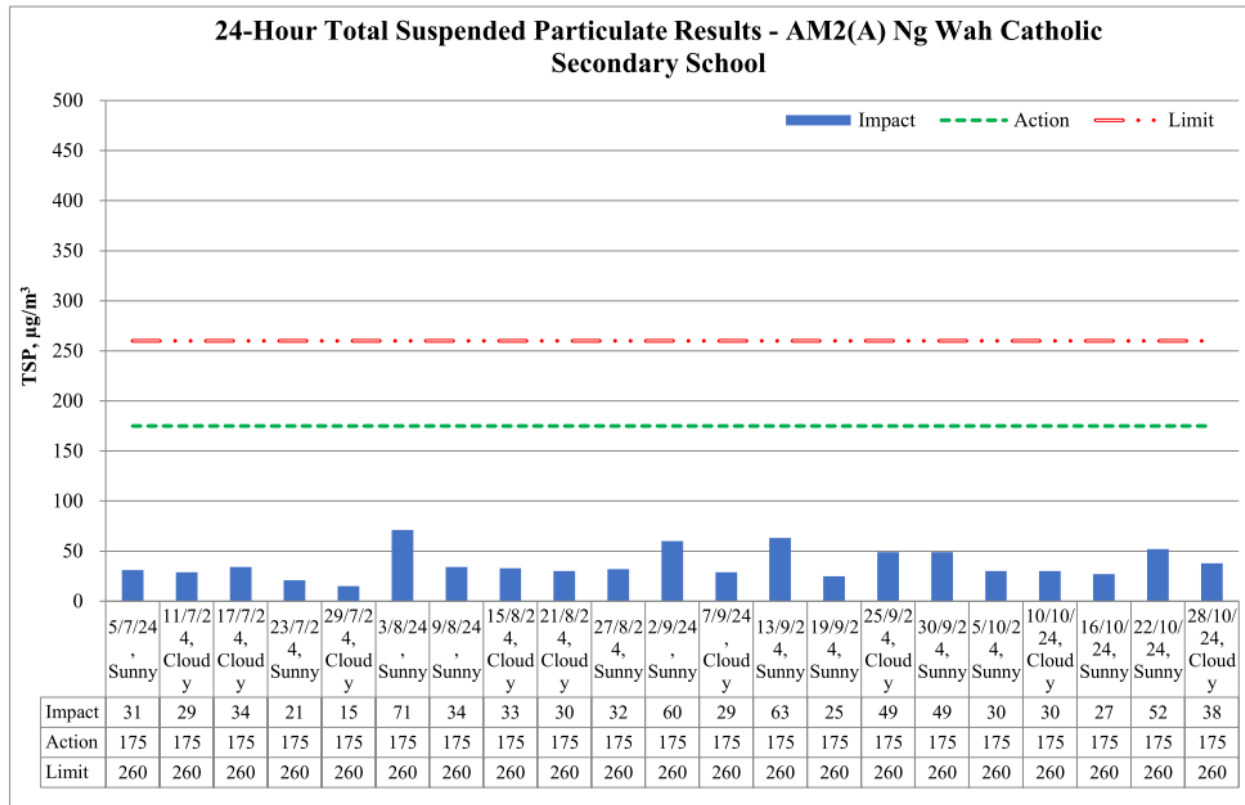
Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
28/10/2024	0:00	1.8	135	29/10/2024	0:00	0.4	22.5	30/10/2024	0:00	0.9	67.5	31/10/2024	0:00	0.9	247.5
28/10/2024	1:00	1.8	202.5	29/10/2024	1:00	0.9	112.5	30/10/2024	1:00	1.8	157.5	31/10/2024	1:00	1.3	247.5
28/10/2024	2:00	0.9	112.5	29/10/2024	2:00	0.9	67.5	30/10/2024	2:00	0.4	67.5	31/10/2024	2:00	0.9	270
28/10/2024	3:00	0.9	67.5	29/10/2024	3:00	0.4	157.5	30/10/2024	3:00	0.9	22.5	31/10/2024	3:00	0.9	247.5
28/10/2024	4:00	0.9	67.5	29/10/2024	4:00	0.9	67.5	30/10/2024	4:00	0.9	270	31/10/2024	4:00	0.4	247.5
28/10/2024	5:00	0	67.5	29/10/2024	5:00	1.3	22.5	30/10/2024	5:00	0.4	112.5	31/10/2024	5:00	0.4	112.5
28/10/2024	6:00	0.4	90	29/10/2024	6:00	1.8	270	30/10/2024	6:00	0.9	67.5	31/10/2024	6:00	0.9	135
28/10/2024	7:00	0.9	22.5	29/10/2024	7:00	0.4	112.5	30/10/2024	7:00	1.3	112.5	31/10/2024	7:00	0.9	135
28/10/2024	8:00	0.9	112.5	29/10/2024	8:00	0.4	67.5	30/10/2024	8:00	1.8	22.5	31/10/2024	8:00	1.3	112.5
28/10/2024	9:00	0.9	112.5	29/10/2024	9:00	0.9	112.5	30/10/2024	9:00	0.4	90	31/10/2024	9:00	1.3	112.5
28/10/2024	10:00	0.4	112.5	29/10/2024	10:00	0.9	22.5	30/10/2024	10:00	0.4	135	31/10/2024	10:00	1.3	112.5
28/10/2024	11:00	1.3	112.5	29/10/2024	11:00	0.9	90	30/10/2024	11:00	0.4	112.5	31/10/2024	11:00	0.4	112.5
28/10/2024	12:00	0.9	135	29/10/2024	12:00	0.4	67.5	30/10/2024	12:00	0.4	112.5	31/10/2024	12:00	0.4	247.5
28/10/2024	13:00	0.4	202.5	29/10/2024	13:00	0.9	157.5	30/10/2024	13:00	0.4	112.5	31/10/2024	13:00	0.4	247.5
28/10/2024	14:00	0.9	112.5	29/10/2024	14:00	0.9	67.5	30/10/2024	14:00	0.4	112.5	31/10/2024	14:00	0.9	270
28/10/2024	15:00	0.9	67.5	29/10/2024	15:00	1.3	22.5	30/10/2024	15:00	0.9	112.5	31/10/2024	15:00	0.4	247.5
28/10/2024	16:00	1.3	67.5	29/10/2024	16:00	0.9	270	30/10/2024	16:00	0.4	112.5	31/10/2024	16:00	0.9	247.5
28/10/2024	17:00	0.9	67.5	29/10/2024	17:00	1.3	112.5	30/10/2024	17:00	0.9	135	31/10/2024	17:00	0.9	112.5
28/10/2024	18:00	1.3	90	29/10/2024	18:00	0.4	67.5	30/10/2024	18:00	0.9	112.5	31/10/2024	18:00	0.9	135
28/10/2024	19:00	1.3	22.5	29/10/2024	19:00	0.9	112.5	30/10/2024	19:00	0.9	112.5	31/10/2024	19:00	1.3	135
28/10/2024	20:00	0.9	112.5	29/10/2024	20:00	0.9	22.5	30/10/2024	20:00	2.2	112.5	31/10/2024	20:00	1.3	112.5
28/10/2024	21:00	0.9	112.5	29/10/2024	21:00	1.3	90	30/10/2024	21:00	1.3	112.5	31/10/2024	21:00	1.8	112.5
28/10/2024	22:00	0.9	112.5	29/10/2024	22:00	1.3	292.5	30/10/2024	22:00	0.4	112.5	31/10/2024	22:00	1.8	112.5
28/10/2024	23:00	0.9	112.5	29/10/2024	23:00	0.4	112.5	30/10/2024	23:00	0.9	22.5	31/10/2024	23:00	0.4	112.5

Appendix D – Monitoring data and graphical plots

24-hour average TSP

Air Monitoring Station		AM2(A) – Ng Wah Catholic Secondary School	AM3 – Sky Tower
Start Date	Weather	24-hr Average TSP Concentration, ($\mu\text{g}/\text{m}^3$)	24-hr Average TSP Concentration, ($\mu\text{g}/\text{m}^3$)
3/8/2024	Sunny	71	45
9/8/2024	Sunny	34	40
15/8/2024	Cloudy	33	62
21/8/2024	Cloudy	30	49
27/8/2024	Sunny	32	56
2/9/2024	Sunny	60	74
7/9/2024	Cloudy	29	49
13/9/2024	Sunny	63	33
19/9/2024	Sunny	25	35
25/9/2024	Cloudy	49	60
30/9/2024	Sunny	49	86
5/10/2024	Sunny	30	67
10/10/2024	Cloudy	30	52
16/10/2024	Sunny	27	79
22/10/2024	Sunny	52	66
28/10/2024	Cloudy	38	73

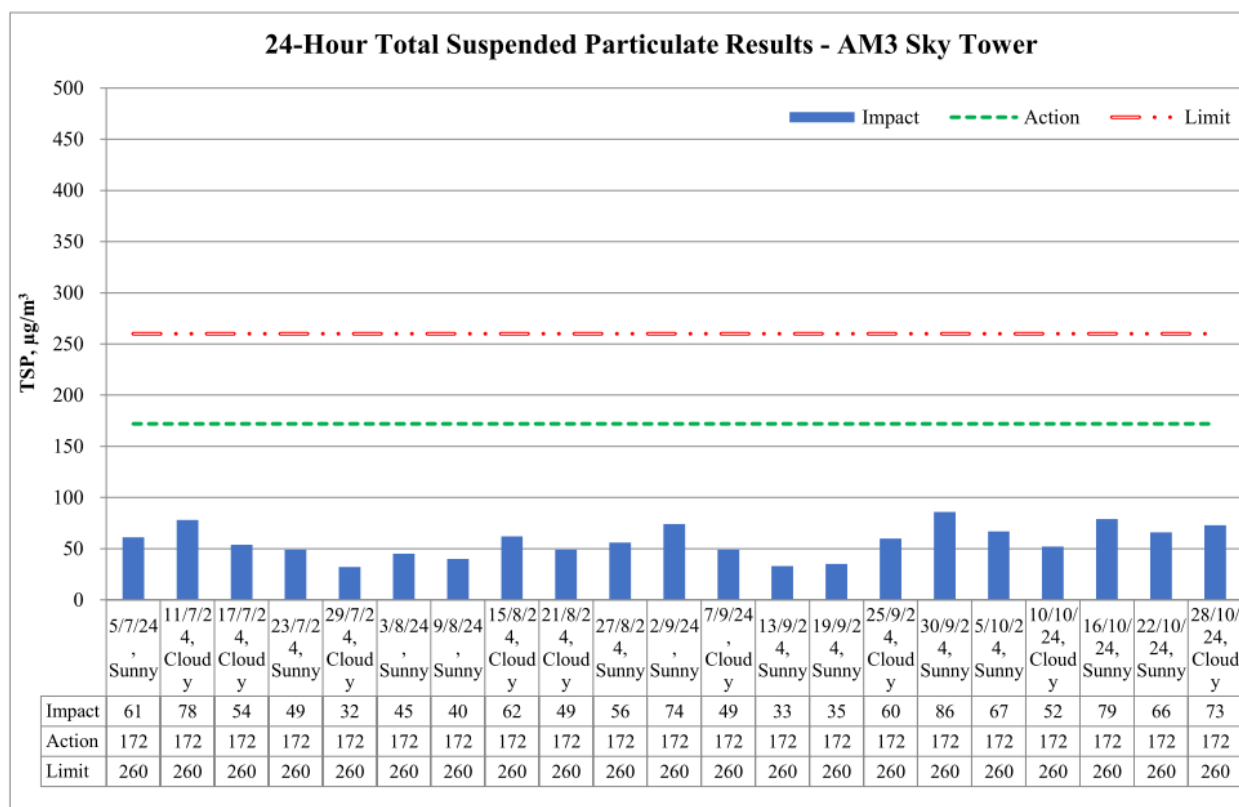
24-hour average TSP



Major Construction Activities	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Floor screeding works at deck level of LW-02		✓	✓	✓
Construction of hoarding at CDR			✓	✓
Construction of stormwater drainage manhole and pipes at LW-02		✓		
Construction works for DCS		✓	✓	✓
Construction works for DCS (Ch10-79, Ch70-90, Ch90-130, Ch130-150)				✓
Construction works for DCS Chamber 2A5A, 2A4 and pipe laying	✓			
Construction of LW02 structural steel roof	✓	✓	✓	✓
Construction of Parapet for S14	✓	✓	✓	✓
Construction of bridge deck of S14 and portal for K73 Bridge				
Construction of bridge deck of S14	✓	✓	✓	✓
Construction of headwall at Subway SB01 Retrieval Shaft	✓	✓	✓	
Construction of Lift Shaft for Subway SB-01	✓			
Glazing installation for KS10 Lift	✓	✓	✓	
Louvre installation for KS10 Lift	✓	✓	✓	
Dismantle of temporary steel decking across Kai Tak River at LW02	✓			

Drainage construction and backfilling works for retaining wall of S14	✓	✓	✓	✓
Drainage construction works at PS2 and PS4	✓	✓	✓	
Installation of glass bracket of Lift at LW02 and glass panels	✓			
Installation of floor tiles inside Subway SB-01		✓	✓	
Installation of glazing plane on diagrid frame at LW-02			✓	✓
Construction of Public Lighting at LW02	✓	✓		
RC Construction for Kerb of Elevated Walkway LW-02	✓			
Renovation works for Subway KS10 Lift and Staircase	✓	✓	✓	✓
Renovation works for existing subways KS10	✓	✓	✓	✓
Road and Drain Construction works for Road L16, Commercial Street and Road D1	✓	✓	✓	✓
Road and drain construction works for Olympic Avenue	✓			
Tiling works at LW02				✓
Lift installation at LW-02 and KS10				✓
Installation of glass panel and aluminum panels of LW02				✓
Installation of glass balustrade at LW02				✓
Lift installation at LW02 and KS10				✓
San Po Kong Junction Enhancement (TY3)				✓
Demolition of existing parapet of K73				✓
SB01 Sa Po Rd Retrieval Shaft Headwall RC construction				✓
SB01 Subway Floor Tile Installation				✓
Installation of VE-Panel at Pedestrian Subway SB01				✓

Factors might affect the monitoring results	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓



Major Construction Activities	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Floor screeding works at deck level of LW-02		✓	✓	✓
Construction of hoarding at CDR			✓	✓
Construction of stormwater drainage manhole and pipes at LW-02		✓		
Construction works for DCS		✓	✓	✓
Construction works for DCS (Ch10-79, Ch70-90, Ch90-130, Ch130-150)				✓
Construction works for DCS Chamber 2A5A, 2A4 and pipe laying	✓			
Construction of LW02 structural steel roof	✓	✓	✓	✓
Construction of Parapet for S14	✓	✓	✓	✓
Construction of bridge deck of S14 and portal for K73 Bridge				
Construction of bridge deck of S14	✓	✓	✓	✓
Construction of headwall at Subway SB01 Retrieval Shaft	✓	✓	✓	
Construction of Lift Shaft for Subway SB-01	✓			
Glazing installation for KS10 Lift	✓	✓	✓	
Louvre installation for KS10 Lift	✓	✓	✓	
Dismantle of temporary steel decking across Kai Tak River at LW02	✓			
Drainage construction and backfilling works for retaining wall of S14	✓	✓	✓	✓

Drainage construction works at PS2 and PS4	✓	✓	✓	
Installation of glass bracket of Lift at LW02 and glass panels	✓			
Installation of floor tiles inside Subway SB-01		✓	✓	
Installation of glazing plane on diagrid frame at LW-02			✓	✓
Construction of Public Lighting at LW02	✓	✓		
RC Construction for Kerb of Elevated Walkway LW-02	✓			
Renovation works for Subway KS10 Lift and Staircase	✓	✓	✓	✓
Renovation works for existing subways KS10	✓	✓	✓	✓
Road and Drain Construction works for Road L16, Commercial Street and Road D1	✓	✓	✓	✓
Road and drain construction works for Olympic Avenue	✓			
Tiling works at LW02				✓
Lift installation at LW-02 and KS10				✓
Installation of glass panel and aluminum panels of LW02				✓
Installation of glass balustrade at LW02				✓
Lift installation at LW02 and KS10				✓
San Po Kong Junction Enhancement (TY3)				✓
Demolition of existing parapet of K73				✓
SB01 Sa Po Rd Retrieval Shaft Headwall RC construction				✓
SB01 Subway Floor Tile Installation				✓
Installation of VE-Panel at Pedestrian Subway SB01				✓

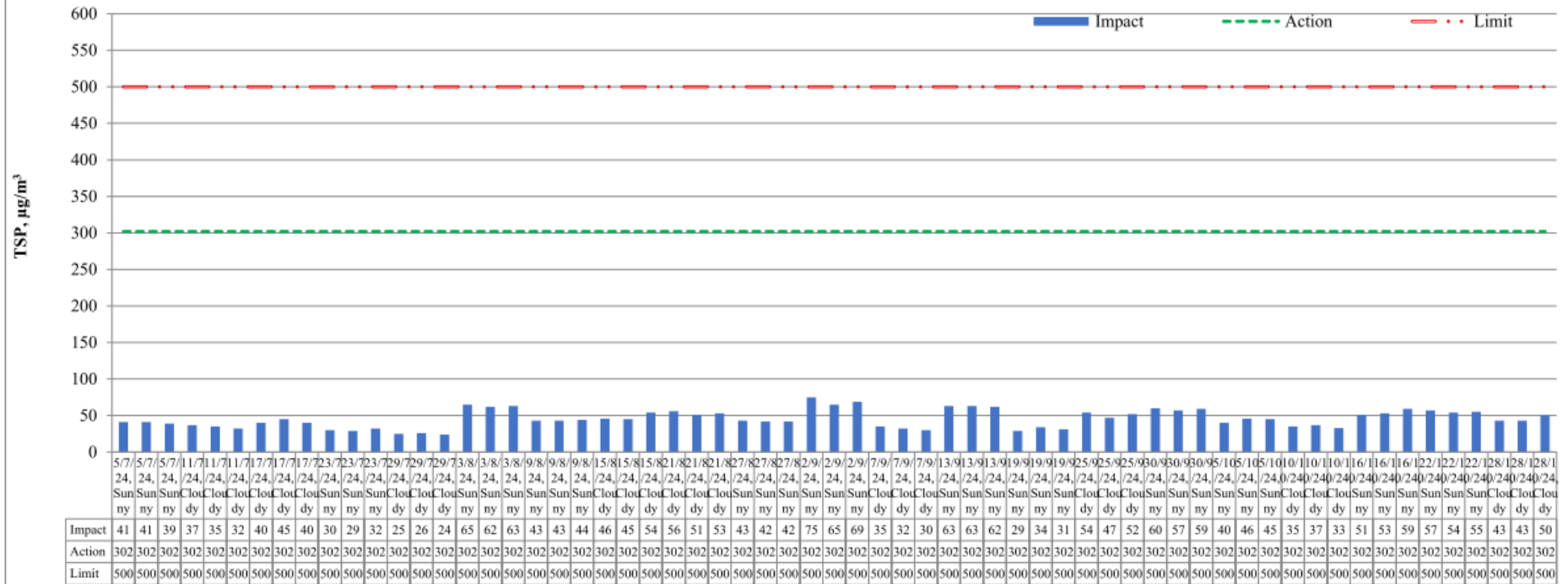
Factors might affect the monitoring results	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓

1-hour average TSP

Air Monitoring Station		AM2(A) – Ng Wah Catholic Secondary School	
Date	Measurement Period	Weather	1-hr Average TSP Concentration, mg/m ³
3/8/2024	13:00 - 14:00	Sunny	65
3/8/2024	14:00 - 15:00		62
3/8/2024	15:00 - 16:00		63
9/8/2024	9:00 - 10:00	Sunny	43
9/8/2024	10:00 - 11:00		43
9/8/2024	11:00 - 12:00		44
15/8/2024	13:00 - 14:00	Cloudy	46
15/8/2024	14:00 - 15:00		45
15/8/2024	15:00 - 16:00		54
21/8/2024	9:00 - 10:00	Cloudy	56
21/8/2024	10:00 - 11:00		51
21/8/2024	11:00 - 12:00		53
27/8/2024	13:00 - 14:00	Sunny	43
27/8/2024	14:00 - 15:00		42
27/8/2024	15:00 - 16:00		42
2/9/2024	13:00 - 14:00	Sunny	75
2/9/2024	14:00 - 15:00		65
2/9/2024	15:00 - 16:00		69
7/9/2024	9:00 - 10:00	Cloudy	35
7/9/2024	10:00 - 11:00		32
7/9/2024	11:00 - 12:00		30
13/9/2024	9:00 - 10:00	Sunny	63
13/9/2024	10:00 - 11:00		63
13/9/2024	11:00 - 12:00		62
19/9/2024	13:00 - 14:00	Sunny	29
19/9/2024	14:00 - 15:00		34
19/9/2024	15:00 - 16:00		31
25/9/2024	9:00 - 10:00	Cloudy	54
25/9/2024	10:00 - 11:00		47
25/9/2024	11:00 - 12:00		52
30/9/2024	13:00 - 14:00	Sunny	60
30/9/2024	14:00 - 15:00		57

30/9/2024	15:00 - 16:00		59
5/10/2024	13:00 - 14:00	Sunny	40
5/10/2024	14:00 - 15:00		46
5/10/2024	15:00 - 16:00		45
10/10/2024	9:00 - 10:00	Cloudy	35
10/10/2024	10:00 - 11:00		37
10/10/2024	11:00 - 12:00		33
16/10/2024	9:00 - 10:00	Sunny	51
16/10/2024	10:00 - 11:00		53
16/10/2024	11:00 - 12:00		59
22/10/2024	13:00 - 14:00	Sunny	57
22/10/2024	14:00 - 15:00		54
22/10/2024	15:00 - 16:00		55
28/10/2024	13:00 - 14:00	Cloudy	43
28/10/2024	14:00 - 15:00		43
28/10/2024	15:00 - 16:00		50

1-Hour Total Suspended Particulate Results - AM2(A) Ng Wah Catholic Secondary School



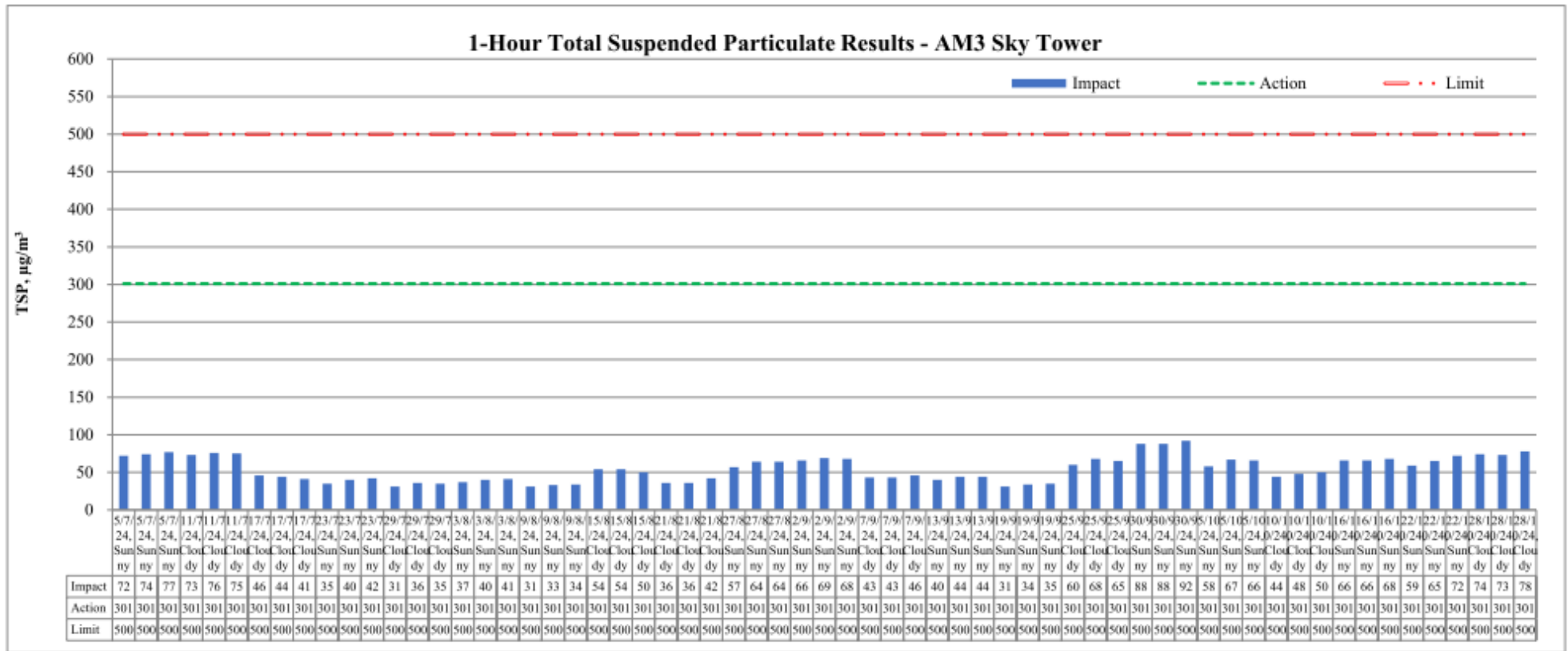
Major Construction Activities	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Floor screeding works at deck level of LW-02		✓	✓	✓
Construction of hoarding at CDR			✓	✓
Construction of stormwater drainage manhole and pipes at LW-02		✓		
Construction works for DCS		✓	✓	✓
Construction works for DCS (Ch10-79, Ch70-90, Ch90-130, Ch130-150)				✓
Construction works for DCS Chamber 2A5A, 2A4 and pipe laying	✓			
Construction of LW02 structural steel roof	✓	✓	✓	✓
Construction of Parapet for S14	✓	✓	✓	✓
Construction of bridge deck of S14 and portal for K73 Bridge				
Construction of bridge deck of S14	✓	✓	✓	✓
Construction of headwall at Subway SB01 Retrieval Shaft	✓	✓	✓	
Construction of Lift Shaft for Subway SB-01	✓			
Glazing installation for KS10 Lift	✓	✓	✓	
Louvre installation for KS10 Lift	✓	✓	✓	
Dismantle of temporary steel decking across Kai Tak River at LW02	✓			
Drainage construction and backfilling works for retaining wall of S14	✓	✓	✓	✓
Drainage construction works at PS2 and PS4	✓	✓	✓	
Installation of glass bracket of Lift at LW02 and glass panels	✓			
Installation of floor tiles inside Subway SB-01		✓	✓	
Installation of glazing plane on diagrid frame at LW-02			✓	✓
Construction of Public Lighting at LW02	✓	✓		
RC Construction for Kerb of Elevated Walkway LW-02	✓			
Renovation works for Subway KS10 Lift and Staircase	✓	✓	✓	✓
Renovation works for existing subways KS10	✓	✓	✓	✓
Road and Drain Construction works for Road L16, Commercial Street and Road D1	✓	✓	✓	✓
Road and drain construction works for Olympic Avenue	✓			
Tiling works at LW02				✓
Lift installation at LW-02 and KS10				✓
Installation of glass panel and aluminum panels of LW02				✓
Installation of glass balustrade at LW02				✓
Lift installation at LW02 and KS10				✓
San Po Kong Junction Enhancement (TY3)				✓

Demolition of existing parapet of K73				✓
SB01 Sa Po Rd Retrieval Shaft Headwall RC construction				✓
SB01 Subway Floor Tile Installation				✓
Installation of VE-Panel at Pedestrian Subway SB01				✓

Factors might affect the monitoring results	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓

Air Monitoring Station		AM3 – Sky Tower	
Date	Measurement Period	Weather	1-hr Average TSP Concentration, mg/m ³
3/8/2024	9:00 - 10:00	Sunny	37
3/8/2024	10:00 - 11:00		40
3/8/2024	11:00 - 12:00		41
9/8/2024	13:00 - 14:00	Sunny	31
9/8/2024	14:00 - 15:00		33
9/8/2024	15:00 - 16:00		34
15/8/2024	9:00 - 10:00	Cloudy	54
15/8/2024	10:00 - 11:00		54
15/8/2024	11:00 - 12:00		50
21/8/2024	13:00 - 14:00	Cloudy	36
21/8/2024	14:00 - 15:00		36
21/8/2024	15:00 - 16:00		42
27/8/2024	9:00 - 10:00	Sunny	57
27/8/2024	10:00 - 11:00		64
27/8/2024	11:00 - 12:00		64
2/9/2024	9:00 - 10:00	Sunny	66
2/9/2024	10:00 - 11:00		69
2/9/2024	11:00 - 12:00		68
7/9/2024	13:00 - 14:00	Cloudy	43
7/9/2024	14:00 - 15:00		43
7/9/2024	15:00 - 16:00		46
13/9/2024	13:00 - 14:00	Sunny	40
13/9/2024	14:00 - 15:00		44
13/9/2024	15:00 - 16:00		44
19/9/2024	9:00 - 10:00	Sunny	31
19/9/2024	10:00 - 11:00		34
19/9/2024	11:00 - 12:00		35
25/9/2024	13:00 - 14:00	Cloudy	60
25/9/2024	14:00 - 15:00		68
25/9/2024	15:00 - 16:00		65
30/9/2024	9:00 - 10:00	Sunny	88
30/9/2024	10:00 - 11:00		88
30/9/2024	11:00 - 12:00		92
5/10/2024	9:00 - 10:00	Sunny	58
5/10/2024	10:00 - 11:00		67

5/10/2024	11:00 - 12:00		66
10/10/2024	13:00 - 14:00	Cloudy	44
10/10/2024	14:00 - 15:00		48
10/10/2024	15:00 - 16:00		50
16/10/2024	13:00 - 14:00	Sunny	66
16/10/2024	14:00 - 15:00		66
16/10/2024	15:00 - 16:00		68
22/10/2024	9:00 - 10:00	Sunny	59
22/10/2024	10:00 - 11:00		65
22/10/2024	11:00 - 12:00		72
28/10/2024	9:00 - 10:00	Cloudy	74
28/10/2024	10:00 - 11:00		73
28/10/2024	11:00 - 12:00		78



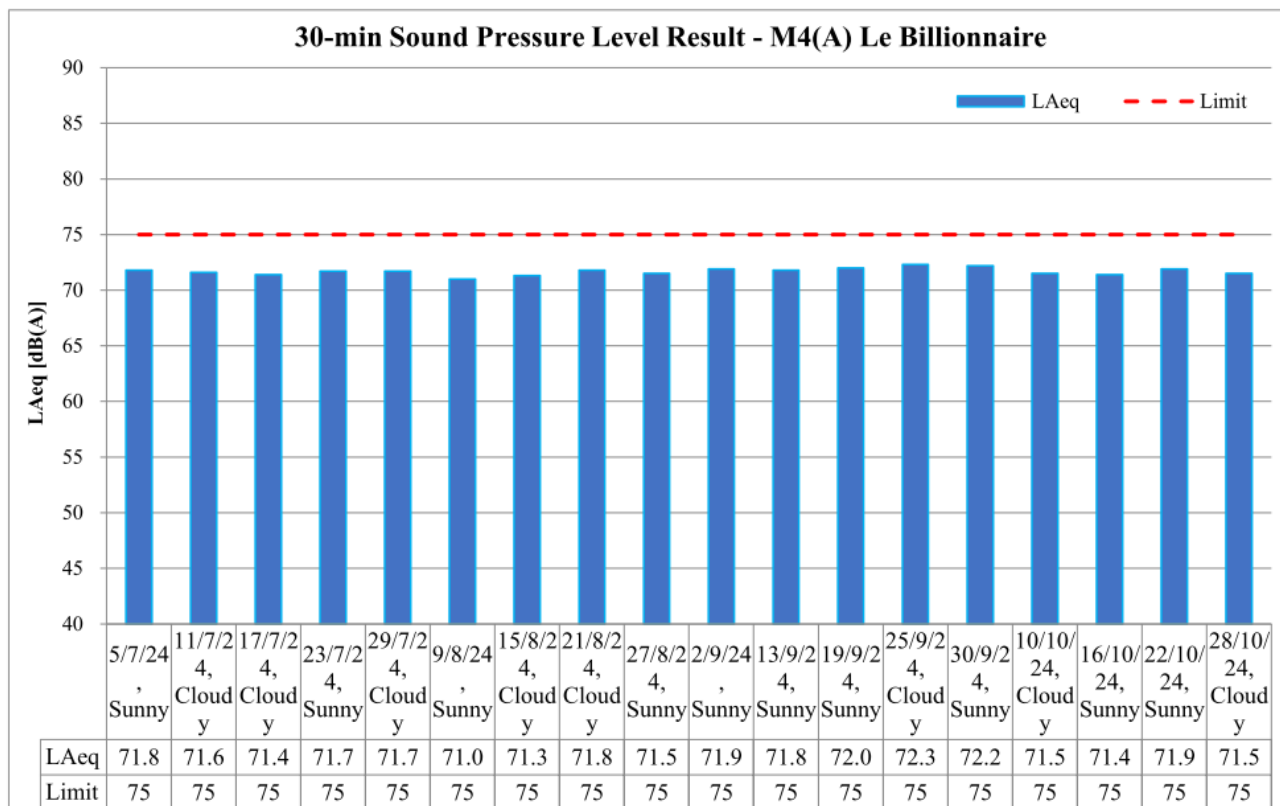
Major Construction Activities	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Floor screeding works at deck level of LW-02		✓	✓	✓
Construction of hoarding at CDR			✓	✓
Construction of stormwater drainage manhole and pipes at LW-02		✓		
Construction works for DCS		✓	✓	✓
Construction works for DCS (Ch10-79, Ch70-90, Ch90-130, Ch130-150)				✓
Construction works for DCS Chamber 2A5A, 2A4 and pipe laying	✓			
Construction of LW02 structural steel roof	✓	✓	✓	✓
Construction of Parapet for S14	✓	✓	✓	✓
Construction of bridge deck of S14 and portal for K73 Bridge				
Construction of bridge deck of S14	✓	✓	✓	✓
Construction of headwall at Subway SB01 Retrieval Shaft	✓	✓	✓	
Construction of Lift Shaft for Subway SB-01	✓			
Glazing installation for KS10 Lift	✓	✓	✓	
Louvre installation for KS10 Lift	✓	✓	✓	
Dismantle of temporary steel decking across Kai Tak River at LW02	✓			
Drainage construction and backfilling works for retaining wall of S14	✓	✓	✓	✓
Drainage construction works at PS2 and PS4	✓	✓	✓	
Installation of glass bracket of Lift at LW02 and glass panels	✓			
Installation of floor tiles inside Subway SB-01		✓	✓	
Installation of glazing plane on diagrid frame at LW-02			✓	✓
Construction of Public Lighting at LW02	✓	✓		
RC Construction for Kerb of Elevated Walkway LW-02	✓			
Renovation works for Subway KS10 Lift and Staircase	✓	✓	✓	✓
Renovation works for existing subways KS10	✓	✓	✓	✓
Road and Drain Construction works for Road L16, Commercial Street and Road D1	✓	✓	✓	✓
Road and drain construction works for Olympic Avenue	✓			
Tiling works at LW02				✓
Lift installation at LW-02 and KS10				✓
Installation of glass panel and aluminum panels of LW02				✓
Installation of glass balustrade at LW02				✓
Lift installation at LW02 and KS10				✓
San Po Kong Junction Enhancement (TY3)				✓
Demolition of existing parapet of K73				✓

SB01 Sa Po Rd Retrieval Shaft Headwall RC construction				✓
SB01 Subway Floor Tile Installation				✓
Installation of VE-Panel at Pedestrian Subway SB01				✓

Factors might affect the monitoring results	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓

30-minute Noise

Noise Monitoring Station		M4(A)-Le Billionnaire			
Date	Measurement Period	Weather	L _{Aeq} ,dB(A)	L _{A10} ,dB(A)	L _{A90} ,dB(A)
09/08/2024	9:30 - 10:00	Sunny	71	72.1	69.6
15/08/2024	13:00 - 13:30	Cloudy	71.3	72.6	69.2
21/08/2024	9:20 - 9:50	Cloudy	71.8	72.2	70.2
27/08/2024	13:05 - 13:35	Sunny	71.5	72.1	70
02/09/2024	13:00 - 13:30	Sunny	71.9	73.5	71.1
13/09/2024	9:15 - 9:45	Sunny	71.8	72.9	70.7
19/09/2024	13:15 - 13:45	Sunny	72	73.1	70.9
25/09/2024	9:20 - 9:50	Cloudy	72.3	73.1	71.1
30/09/2024	13:30 - 14:00	Sunny	72.2	73.2	71
10/10/2024	9:15 - 9:45	Cloudy	71.5	72.3	70.1
16/10/2024	9:20 - 9:50	Sunny	71.4	72.6	70.5
22/10/2024	13:05 - 13:35	Sunny	71.9	72.7	70.3
28/10/2024	13:20 - 13:50	Cloudy	71.5	72.6	70.4

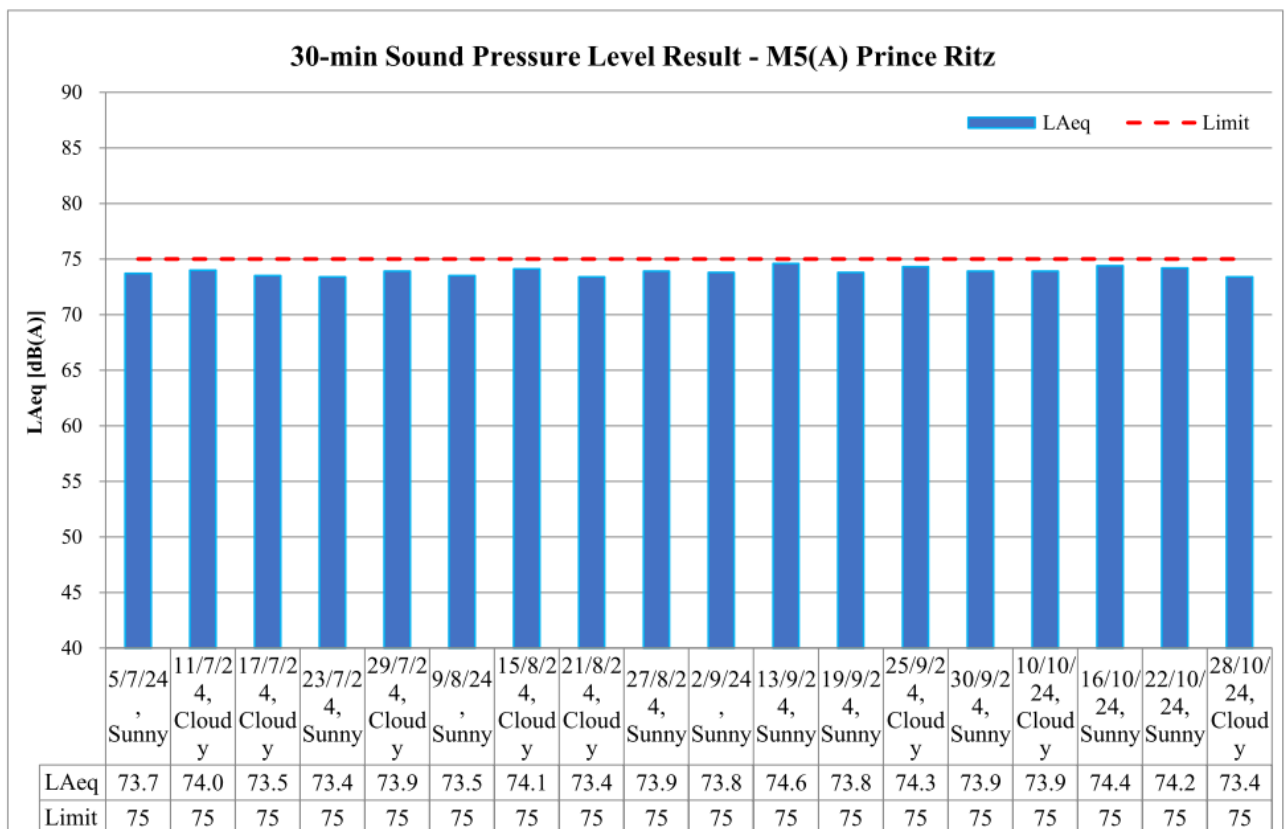


Major Construction Activities	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Floor screeding works at deck level of LW-02		✓	✓	✓
Construction of hoarding at CDR			✓	✓
Construction of stormwater drainage manhole and pipes at LW-02		✓		
Construction works for DCS		✓	✓	✓
Construction works for DCS (Ch10-79, Ch70-90, Ch90-130, Ch130-150)				✓
Construction works for DCS Chamber 2A5A, 2A4 and pipe laying	✓			
Construction of LW02 structural steel roof	✓	✓	✓	✓
Construction of Parapet for S14	✓	✓	✓	✓
Construction of bridge deck of S14 and portal for K73 Bridge				
Construction of bridge deck of S14	✓	✓	✓	✓
Construction of headwall at Subway SB01 Retrieval Shaft	✓	✓	✓	
Construction of Lift Shaft for Subway SB-01	✓			
Glazing installation for KS10 Lift	✓	✓	✓	
Louvre installation for KS10 Lift	✓	✓	✓	
Dismantle of temporary steel decking across Kai Tak River at LW02	✓			
Drainage construction and backfilling works for retaining wall of S14	✓	✓	✓	✓
Drainage construction works at PS2 and PS4	✓	✓	✓	
Installation of glass bracket of Lift at LW02 and glass panels	✓			
Installation of floor tiles inside Subway SB-01		✓	✓	
Installation of glazing plane on diagrid frame at LW-02			✓	✓
Construction of Public Lighting at LW02	✓	✓		
RC Construction for Kerb of Elevated Walkway LW-02	✓			
Renovation works for Subway KS10 Lift and Staircase	✓	✓	✓	✓
Renovation works for existing subways KS10	✓	✓	✓	✓
Road and Drain Construction works for Road L16, Commercial Street and Road D1	✓	✓	✓	✓
Road and drain construction works for Olympic Avenue	✓			
Tiling works at LW02				✓
Lift installation at LW-02 and KS10				✓
Installation of glass panel and aluminum panels of LW02				✓
Installation of glass balustrade at LW02				✓
Lift installation at LW02 and KS10				✓
San Po Kong Junction Enhancement (TY3)				✓
Demolition of existing parapet of K73				✓

SB01 Sa Po Rd Retrieval Shaft Headwall RC construction				✓
SB01 Subway Floor Tile Installation				✓
Installation of VE-Panel at Pedestrian Subway SB01				✓

Factors might affect the monitoring results	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓

Noise Monitoring Station		M5(A)-Price Ritz			
Date	Measurement Period	Weather	L _{Aeq} ,dB(A)	L _{A10} ,dB(A)	L _{A90} ,dB(A)
09/08/2024	13:30 - 14:00	Sunny	73.5	75.2	71.4
15/08/2024	15:15 - 15:45	Cloudy	74.1	76.1	72.2
21/08/2024	11:30 - 12:00	Cloudy	73.4	75.1	71.4
27/08/2024	15:00 - 15:30	Sunny	73.9	75.6	71.7
02/09/2024	14:05 - 14:35	Sunny	73.8	75.2	72.2
13/09/2024	10:05 - 10:35	Sunny	74.6	75.7	73.2
19/09/2024	14:05 - 14:35	Sunny	73.8	75	72.4
25/09/2024	10:15 - 10:45	Cloudy	74.3	75.4	73.1
30/09/2024	14:30 - 15:00	Sunny	73.9	74.9	72
10/10/2024	11:25 - 11:55	Cloudy	73.9	75.1	71.6
16/10/2024	11:30 - 12:00	Sunny	74.4	76.2	71.9
22/10/2024	15:00 - 15:30	Sunny	74.2	76.3	71.8
28/10/2024	15:30 - 16:00	Cloudy	73.4	75	71.3



Major Construction Activities	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Floor screeding works at deck level of LW-02		✓	✓	✓
Construction of hoarding at CDR			✓	✓
Construction of stormwater drainage manhole and pipes at LW-02		✓		
Construction works for DCS		✓	✓	✓
Construction works for DCS (Ch10-79, Ch70-90, Ch90-130, Ch130-150)				✓
Construction works for DCS Chamber 2A5A, 2A4 and pipe laying	✓			
Construction of LW02 structural steel roof	✓	✓	✓	✓
Construction of Parapet for S14	✓	✓	✓	✓
Construction of bridge deck of S14 and portal for K73 Bridge				
Construction of bridge deck of S14	✓	✓	✓	✓
Construction of headwall at Subway SB01 Retrieval Shaft	✓	✓	✓	
Construction of Lift Shaft for Subway SB-01	✓			
Glazing installation for KS10 Lift	✓	✓	✓	
Louvre installation for KS10 Lift	✓	✓	✓	
Dismantle of temporary steel decking across Kai Tak River at LW02	✓			
Drainage construction and backfilling works for retaining wall of S14	✓	✓	✓	✓
Drainage construction works at PS2 and PS4	✓	✓	✓	
Installation of glass bracket of Lift at LW02 and glass panels	✓			
Installation of floor tiles inside Subway SB-01		✓	✓	
Installation of glazing plane on diagrid frame at LW-02			✓	✓
Construction of Public Lighting at LW02	✓	✓		
RC Construction for Kerb of Elevated Walkway LW-02	✓			
Renovation works for Subway KS10 Lift and Staircase	✓	✓	✓	✓
Renovation works for existing subways KS10	✓	✓	✓	✓
Road and Drain Construction works for Road L16, Commercial Street and Road D1	✓	✓	✓	✓
Road and drain construction works for Olympic Avenue	✓			
Tiling works at LW02				✓
Lift installation at LW-02 and KS10				✓
Installation of glass panel and aluminum panels of LW02				✓
Installation of glass balustrade at LW02				✓
Lift installation at LW02 and KS10				✓
San Po Kong Junction Enhancement (TY3)				✓
Demolition of existing parapet of K73				✓

SB01 Sa Po Rd Retrieval Shaft Headwall RC construction				✓
SB01 Subway Floor Tile Installation				✓
Installation of VE-Panel at Pedestrian Subway SB01				✓

Factors might affect the monitoring results	Reporting Period			
	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓

Appendix E – Event and Action Plans for Construction Dust Monitoring, Construction Noise and Landscape and Visual Impact

Event and Action Plans for Construction Dust Monitoring				
Event	Action			
	ET	IEC	Supervisor / ER	Contractor
Action Level being exceeded by one sampling	1. Identify source and investigate the causes of exceedance; 2. Inform Contractor, IEC and Supervisor /ER; 3. Repeat measurement to confirm finding.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
Action Level being exceeded by two or more consecutive sampling	1. Identify source and investigate the causes of exceedance; 2. Inform Contractor, IEC and Supervisor /ER; 3. Increase monitoring frequency to daily; 4. Discuss with IEC and Contractor on remedial actions required; 5. Assess the effectiveness of Contractor's remedial actions; 6. If exceedance continues, arrange meeting with IEC and Supervisor /ER; 7. If exceedance stops, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the Supervisor /ER on the effectiveness of the proposed remedial measures.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise implementation of remedial measures; 5. Conduct meeting with ET and IEC if exceedance continues.	1. Discuss with ET and IEC on proper remedial actions; 2. Submit proposals for remedial actions to Supervisor /ER and IEC within three working day of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate.
Limit Level being exceeded by one sampling	1. Identify source and investigate the causes of exceedance; 2. Inform Contractor, IEC, Supervisor /ER, and EPD; 3. Repeat measurement to confirm finding; 4. Assess effectiveness of	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss possible remedial measures with ET and Contractor; 4. Advise the Supervisor /ER	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be	1. Take immediate action to avoid further exceedance; 2. Discuss with ET and IEC on proper remedial actions; 3. Submit proposal for remedial actions to Supervisor /ER and IEC

Event and Action Plans for Construction Dust Monitoring				
Event	Action			
	ET	IEC	Supervisor / ER	Contractor
	Contractor's remedial actions and keep EPD, IEC and Supervisor /ER informed of the results.	on the effectiveness of the proposed remedial measures.	implemented; 4. Supervise implementation of remedial measures; 5. Conduct meeting with ET and IEC if exceedance continues.	within three working days of notification; 4. Implement the agreed proposals.
Limit Level being exceeded by two or more consecutive sampling	1. Notify IEC, Supervisor /ER, Contractor and EPD; 2. Repeat measurement to confirm findings; 3. Carry out analysis of Contractor's working procedures to identify source and investigate the causes of exceedance; 4. Increase monitoring frequency to daily; 5. Arrange meeting with IEC, Supervisor /ER and Contractor to discuss the remedial action to be taken; 6. Assess effectiveness of Contractor's remedial actions and keep EPD, IEC and Supervisor /ER informed of the results; 7. If exceedance stop, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with Supervisor /ER, ET, and Contractor on the potential remedial actions; 4. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the Supervisor /ER accordingly.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise implementation of remedial measures; 5. If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated.	1. Take immediate action to avoid further exceedance; 2. Discuss with ET and IEC on proper remedial actions; 3. Submit proposal for remedial actions to Supervisor /ER and IEC within three working days of notification; 4. Implement the agreed proposals; 5. Submit further remedial actions if problem still not under control; 6. Stop the relevant portion of works as instructed by the Supervisor /ER until the exceedance is abated.

Event and Action Plans for Construction Noise				
Event	Action			
	ET	IEC	Supervisor / ER	Contractor
Action Level being exceeded	1. Notify Supervisor / ER, IEC and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC, Supervisor / ER and Contractor; 4. Discuss with the IEC and Contractor on remedial measures required; 5. Increase monitoring frequency to check mitigation effectiveness. (The above actions should be taken within 2 working days after the exceedance is identified.)	1. Review the investigation results submitted by the ET; 2. Review the proposed remedial measures submitted by the Contractor and advise the ER accordingly; 3. Advise the Supervisor / ER on the proposed remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified.)	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified.)	1. Submit noise mitigation proposal to IEC and Supervisor / ER; 2. Implement noise mitigation proposals. (The above actions should be taken within 2 working days after the exceedance is identified.)
Limit Level being exceeded	1. Inform IEC, Supervisor /ER, Contractor and EPD; 2. Repeat measurement to confirm findings; 3. Increase monitoring frequency; 4. Identify source and investigate the cause of exceedance; 5. Carry out analysis of Contract's working procedure; 6. Discuss remedial measures required with the IEC, Contractor and Supervisor /ER;	1. Discuss the potential remedial actions with Supervisor /ER, ET and Contractor; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the Supervisor /ER accordingly. (The above actions should be taken within 2 working days after the exceedance is identified.)	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures; 5. If exceedance continues, consider stopping the Contractor to continue working on that portion of	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC and Supervisor /ER within 3 working days of notification; 3. Implement the agreed proposal; 4. Submit further proposal if problem still not under control; 5. Stop the relevant portion of works as instructed by the Supervisor /ER until the exceedance is abated.

Event and Action Plans for Construction Noise				
Event	Action			
	ET	IEC	Supervisor / ER	Contractor
	7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD, and Supervisor /ER informed of the results; 8. If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified.)		work which causes the exceedance until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified.)	(The above actions should be taken within 2 working days after the exceedance is identified.)

Event and Action Plans for Landscape and Visual Impact				
Event	Action			
	ET	IEC	Supervisor / ER	Contractor
Design Check	1. Check final design conforms to the requirements of EP and prepare report.	1. Check report. 2. Recommend remedial design if necessary.	1. Undertake remedial design if necessary.	
Non-conformity on one occasion	1. Identify Source. 2. Inform IEC and Supervisor /ER. 3. Discuss remedial actions with IEC, Supervisor /ER and Contractor. 4. Monitor remedial actions until rectification has been completed.	1. Check report. 2. Check Contractor's working method. 3. Discuss with ET and Contractor on possible remedial measures. 4. Advise Supervisor /ER on effectiveness of proposed remedial measures. 5. Check implementation of remedial measures.	1. Notify Contractor. 2. Ensure remedial measures are properly implemented.	1. Amend working methods. 2. Rectify damage and undertake any necessary replacement.
Repeated Non-conformity	1. Identify Source. 2. Inform IEC and Supervisor /ER. 3. Increase monitoring frequency. 4. Discuss remedial actions with IEC, Supervisor /ER and Contractor. 5. Monitor remedial actions until rectification has been completed. 6. If non-conformity stops, cease additional monitoring.	1. Check monitoring report. 2. Check Contractor's working method. 3. Discuss with ET and Contractor on possible remedial measures. 4. Advise Supervisor /ER on effectiveness of proposed remedial measures. 5. Supervise implementation of remedial measures.	1. Notify Contractor. 2. Ensure remedial measures are properly implemented.	1. Amend working methods. 2. Rectify damage and undertake any necessary replacement.

Appendix F – Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE FOR 2024 (YEAR)

Month	Actual Quantities of Inert C&D Materials Generated Monthly								Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated A + B	Broken Concrete Generated A	General fill Generated B	Broken Concrete Reused in the Contract	General Fill Reused in the Contract	Reused in other Projects	Disposal as Public Fill	Import Fill	Metals	Paper / Cardboard Packaging	Plastics (3)	Chemical Waste	Other, e.g. general refuse
	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000m ³]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in '000m ³]
JAN	2.16	0.00	2.16	0.00	2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
FEB	3.17	0.50	2.67	0.00	2.67	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.01
MAR	0.22	0.22	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.01
APR	0.32	0.12	0.20	0.40	0.20	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.01
MAY	2.59	2.09	0.50	0.20	0.50	0.00	1.89	0.00	0.00	0.10	0.00	0.00	0.10
JUNE	0.47	0.14	0.33	0.00	0.04	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.05
SUB-TOTAL	8.93	3.07	5.86	0.60	5.57	0.00	3.76	0.00	0.00	0.10	0.00	0.00	0.19
JULY	0.19	0.18	0.01	0.00	0.04	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.04
AUG	0.88	0.44	0.44	0.00	0.10	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.02
SEPT	0.59	0.24	0.35	0.00	0.40	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.02
OCT	1.24	0.14	1.10	0.00	0.70	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.02
NOV													
DEC													
TOTAL	11.83	4.07	7.76	0.60	6.81	0.00	5.50	0.00	0.00	0.10	0.00	0.00	0.29

Appendix G – Environmental Mitigation Implementation Schedule (EMIS)

EIA Ref	Recommended Mitigation Measures	Implementation			
Part B Water Quality		Not Observed	Yes	No	Remark
S8.8	Exposed soil areas should be minimised to reduce the potential for increased siltation, contamination of runoff, and erosion. ~~Construction runoff related impacts associated with the above ground construction activities can be readily controlled through the use of appropriate mitigation measures which include use of sediment traps and adequate maintenance of drainage systems to prevent flooding and overflow~~	☒	☐	☐	
S8.8	Construction site should be provided with adequately designed perimeter channel and pre-treatment facilities and proper maintenance. ~~The boundaries of critical areas of earthworks should be marked and surrounded by dykes or embankments for flood protection. Temporary ditches should be provided to facilitate runoff discharge into the appropriate watercourses, via a silt retention pond. Permanent drainage channels should incorporate sediment basins or traps and baffles to enhance deposition rates. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94.~~	☒	☐	☐	
S8.8	Construction works should be programmed to minimise surface excavation works during the rainy season (April to September). All exposed earth areas should be completed as soon as possible after earthworks have been completed, or alternatively, within 14 days of the cessation of earthworks where practicable. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means.	☒	☐	☐	
S8.8	Sediment tanks of sufficient capacity, constructed from pre-formed individual cells of approximately 6 to 8 m ³ capacity, are recommended as a general mitigation measure which can be used for settling surface runoff prior to disposal. ~~The system capacity is flexible and able to handle multiple inputs from a variety of sources and particularly suited to applications where the influent is pumped.~~	☒	☐	☐	
S8.8	Open stockpiles of construction materials (for examples, aggregates, sand and fill material) of more than 50 m ³ 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.	☒	☐	☐	
S8.8	Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and storm runoff being directed into foul sewers.	☒	☐	☐	
S8.8	Precautions to be taken at any time of year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecast, and actions to be taken during or after rainstorms. Particular attention should be paid to the control of silty surface runoff during storm events.	☒	☐	☐	
S8.8	Oil interceptors should be provided in the drainage system and regularly cleaned to prevent the release of oils and grease into the storm water drainage system after accidental spillages. The interceptor should have a bypass to prevent flushing during periods of heavy rain.	☒	☐	☐	
S8.8	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 located wheel washing bay should be provided at every site exit, and wash water should have sand and silt settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel 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.~~	☐	☒	☐	
S8.8	<i>Drainage</i> On-site drainage system should be installed prior to the commencement of other construction activities. Sediment traps should be installed in order to minimise the sediment loading of the effluent prior to discharge into foul sewers. There should be no direct discharge of effluent from the site into the sea.	☒	☐	☐	
S8.8	All temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge should be adequately designed for the controlled release of storm flows. All sediment control measures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly following rain storms. The temporarily diverted drainage should be reinstated to its original condition when the construction work has finished or the temporary diversion is no longer required.	☒	☐	☐	
S8.8	All fuel tanks and storage areas should be provided with locks and be located on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank, to prevent spilled fuel oils from reaching the coastal waters of the Victoria Harbour WCZ	☒	☐	☐	
S8.8	<i>Sewage Effluent</i> Construction work force sewage discharges on site are expected to be connected to the existing trunk sewer or sewage treatment facilities. The construction sewage may need to be handled by portable chemical toilets prior to the commission of the on-site sewer system. Appropriate numbers of portable toilets should be provided by a licensed contractor to serve the large number of construction workers over the construction site. The Contractor should also be responsible for waste disposal and maintenance practices.	☒	☐	☐	
S8.8	<i>Stormwater Discharges</i> Minimum distances of 100 m should be maintained between the existing or planned stormwater discharges and the existing or planned seawater intakes	☒	☐	☐	
S8.8	<i>Debris and Litter</i> In order to maintain water quality in acceptable conditions with regard to aesthetic quality, contractors should be required, under conditions of contract, to ensure that site management	☒	☐	☐	

EIA Ref	Recommended Mitigation Measures	Implementation			
	is optimised and that disposal of any solid materials, litter or wastes to marine waters does not occur				
S8.8	Construction Works at or in Close Proximity of Storm Culvert or Seafront The proposed works should preferably be carried out within the dry season where the flow in the drainage channel /storm culvert/ nullah is low.	☒	☐	☐	
S8.8	The use of less or smaller construction plants may be specified to reduce the disturbance to the bottom sediment at the drainage channel /storm culvert / nullah.	☒	☐	☐	
S8.8	Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be located well away from any water courses during carrying out of the construction works.	☒	☐	☐	
S8.8	Stockpiling of construction materials and dusty materials should be covered and located away from any water courses.	☐	☒	☐	
S8.8	Construction debris and spoil should be covered up and/or ~~disposed~~ of as soon as possible to avoid being washed into the nearby water receivers	☐	☒	☐	
S8.8	Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the waterfront, where practicable.	☒	☐	☐	
S8.8	Mitigation measures to control site runoff from entering the nearby water environment should be implemented to minimize water quality impacts. Surface channels should be provided along the edge of the waterfront within the work sites to intercept the runoff.	☒	☐	☐	
S8.8	Construction effluent, site run-off and sewage should be properly collected and/or treated.	☒	☐	☐	
S8.8	Any works site inside the storm water courses should be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props to prevent adverse impact on the storm water quality.	☒	☐	☐	
S8.8	Silt curtain may be installed around the construction activities at the seafront to minimize the potential impacts due to accidental spillage of construction materials.	☒	☐	☐	
S8.8	Proper shoring may need to be erected in order to prevent soil/mud from slipping into the storm culvert/drainage channel/sea.	☒	☐	☐	
S8.8	Supervisory staff should be assigned to station on site to closely supervise and monitor the works	☐	☒	☐	
Part C Construction Noise Impact		Not Observed	Yes	No	Remark
S7.8	Use of quiet PME, movable barriers for ~~Asphalt Paver, Breaker~~ , Excavator and ~~Hand-held breaker and~~ full enclosure for ~~Air Compressor, Bar Bender, Concrete Pump~~ , Generator and Water Pump	☐	☒	☐	
S7.9	Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction program. ~~Silencers or mufflers on construction equipment should be utilized and should be properly maintained during the construction program. Mobile plant, if any, should be sited as far away from NSRs as possible.~~	☐	☒	☐	
	Machines and plant (such as trucks) that may be in intermittent use should be shut down between works periods or should be throttled down to a minimum. ~~Plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs.~~	☒	☐	☐	
	Material stockpiles and other structures should be effectively utilized, wherever practicable, in screening noise from on-site construction activities.	☒	☐	☐	
Part D Waste / Chemical Management		Not Observed	Yes	No	Remark
S5.2	Prepare a Waste Management Plan, which becomes a part of the Environmental Management Plan, in accordance with the requirements stipulated in ETWB TC(W) No. 19/2005, approved by the Engineer/Supervising Officer of the Project based on current practices on construction sites	☐	☒	☐	
	Training of site personnel in site cleanliness, proper waste management and chemical waste handling procedures	☐	☒	☐	
	Provision of sufficient waste disposal points and regular collection for waste. Appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers	☒	☐	☐	
	Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors. Separation of chemical wastes for special handling and appropriate treatment	☒	☐	☐	
S9.5	1)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 ~~2)Training of site personnel in proper waste management and chemical waste handling procedures~~ ~~3)Provision of sufficient waste disposal points and regular collection for disposal~~ ~~4)Appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers~~ ~~5)A recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites)~~	☐	☒	☐	

EIA Ref	Recommended Mitigation Measures	Implementation			
S9.5	Waste Reduction Measures 1) Sort C&D waste from demolition of the remaining structures to recover recyclable portions such as metals 2) Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal 3) Encourage collection of aluminum cans, PET bottles and paper by providing separate labelled bins to enable these wastes to be segregated from other general refuse generated by the work force 4) Any unused chemicals or those with remaining functional capacity should be recycled 5) Proper storage and site practices to minimize the potential for damage or contamination of construction materials	☒	☐	☐	
S9.5	Construction and Demolition Material Mitigation measures and good site practices should be incorporated into contract document to control potential environmental impact from handling and transportation of C&D material. The mitigation measures include: 1) ~~Where it is unavoidable to have transient stockpiles of C&D material within the Project work site pending collection for disposal, the transient stockpiles should be located away from waterfront or storm drains as far as possible~~ 2) ~~Open stockpiles of construction materials or construction wastes on site should be covered with tarpaulin or similar fabric~~ 3) ~~Skip hoist for material transport should be totally enclosed by impervious sheeting~~ 4) Every vehicle should be washed to remove any dusty materials from its body and wheels before leaving a construction site 5) The area where vehicle washing takes place and the section of the road between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores 6) ~~The load of dusty materials carried by vehicle leaving a construction site should be covered entirely by clean impervious sheeting to ensure dust materials do not leak from the vehicle~~ 7) ~~All dusty materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet~~	☐	☒	☐	
S9.5	When delivering inert C&D material to public fill reception facilities, the material should consist entirely of inert construction waste and of size less than 250mm or other sizes as agreed with the Secretary of the Public Fill Committee. In order to monitor the disposal of the surplus C&D material at the designed public fill reception facility and to control fly tipping, a trip-ticket system as stipulated in the ETWB TCW No. 31/2004 "Trip Ticket System for Disposal of Construction	☒	☐	☐	
S9.5	Chemical Waste After use, chemical wastes (for example, cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Spent chemicals should be collected by a licensed collector for disposal at the CWTF or other licensed facility, in accordance with the <i>Waste Disposal (Chemical Waste) (General) Regulation</i>	☒	☐	☐	
Part E Landscape & Visual		Not Observed	Yes	No	Remark
S13.9	CM1 - All existing trees should be carefully protected during construction. ~~CM2 - Trees unavoidably affected by the works should be transplanted where practical. Detailed transplanting proposal will be submitted to relevant government departments for approval in accordance with ETWBC 2/2004 and 3/2006. Final locations of transplanted trees should be agreed prior to commencement of the work.~~ ~~CM3 - Control of night time lighting.~~ CM4 - Erection of decorative screen hoarding.	☐	☒	☐	
Part F Air Quality		Not Observed	Yes	No	Remark
S6.8	~~Stockpiling site(s) should be lined with impermeable sheeting and bunded.~~ Stockpiles should be fully covered by impermeable sheeting to reduce dust emission.	☐	☒	☐	
S6.8	Misting for the dusty material should be carried out before being loaded into the vehicle.	☒	☐	☐	
S6.8	Material having the potential to create dust should not be loaded from a level higher than the side and tail boards and should be dampened and covered by a clean tarpaulin.	☒	☐	☐	
S6.8	The tarpaulin should be properly secured and should extend at least 300 mm over the edges of the sides and tailboards. The material should also be dampened if necessary before transportation	☒	☐	☐	
S6.8	~~The vehicles should be restricted to maximum speed of 10 km per hour and confined haulage and delivery vehicle to designated roadways inside the site. On site unpaved roads should be compacted and kept free of loose materials~~	☐	☒	☐	
S6.8	Vehicle washing facilities should be provided at every vehicle exit point	☒	☐	☐	
S6.8	The area where vehicle washing takes place and the section of the road between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores.	☐	☒	☐	
S6.8	Every main haul road should be ~~sealed with concrete and~~ kept clear of dusty materials or sprayed with water so as to maintain the entire road surface wet.	☐	☒	☐	

EIA Ref	Recommended Mitigation Measures	Implementation			
S6.8	Every stock of more than 20 bags of cement should be covered entirely by impervious sheeting placed in an area sheltered on the top and the three sides.	☐	☒	☐	
S6.8	Every vehicle should be washed to remove any dusty materials from its body and wheels before leaving the construction sites.	☐	☒	☐	
S6.5	8 times daily watering of the work site with active dust emitting activities.	☐	☒	☐	

Appendix H – Summaries of Environmental Complaint, Warning, Summon and Notification of Successful Prosecution

Reporting Period: August to October 2024

Contract No.	Record of Complaint (Yes/No)	Record of Warning (Yes/No)	Notification of Summons and Successful Prosecutions (Yes/No)
ED/2018/05	No	No	No

Cumulative Statistics on Complaints, Notification of Summons and Successful Prosecutions upto reporting period

Contract No.	Record of Complaint	Record of Warning	Notification of Summons and Successful Prosecutions
ED/2018/05	1	0	0