11-4-2024 By	y hand
Environmental Protection Department	
Environmental Assessment Division	
Metro Assessment Group	
Kowloon Section (2)	
27th floor, Southorn Centre,	
130 Hennessy Road,	
Wan Chai, Hong Kong	
(Attn: Mr. TANG Ho Him, Matthew)	
Dear Mr. TANG,	
Contract No. EDO 2/2020 Environmental Monitoring Works for Contract No. ED/2018/05 – Kai Tak Development – Stage 5B Infrastructure Wor Former North Apron Area Submission of Quarterly EM&A Summary Report (May to July 2023)	ks at the
We refer to the Environment Permit (EP) No. EP-337/2009 for the captioned project.	
Pursuant to Condition 3.3 of the EP-337/2009, please find enclosed four hard copies and one electronic copy of Quarter Summary Report, which has been verified by the IEC for your reference.	ly EM&A
Thank you very much for your attention and please feel free to contact Mr. Lee at 9382 4204 should you require further	· information.
Yours faithfully,	
For and on behalf of	
Ka Shing Management Consultant Limited	
AKCL	
Applied knowledge center limited	

Encl. Quarterly EM&A Summary Report (May to July 2023)

Company Secretary





Date: 10 April 2024

Your ref:

Our ref: PL-202404014

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 (May to July 2023)**

Reference is made to the Quarterly EM&A Summary Report (May to July 2023) (Version 1.0) submitted by the Environmental Team on 5 April 2024.

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** Attn.: Mr. Michael So (w/e) By email Ka Shing Attn.: Mr. Chan Pang (ETL) By email

Quarterly Environmental Monitoring and AuditSummary Report (May - July 2023)

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 1.0)

Certified By:

(Environmental Team Leader)

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EXECUTIVE SUMMARY

1. This is the 11th Quarterly Environmental Monitoring & Audit (EM&A) Summary Report which summarises the findings of the EM&A Programme during the reporting period from 1 May 2023 to 31 July 2023 (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

May 2023	June 2023	July 2023
- Erection of falseworks and	- Erection of falseworks and	- Erection of falseworks and
working platform for	working platform for	working platform for
decking of Elevated	decking of Elevated	decking of Elevated
Walkway LW-02	Walkway LW-02	Walkway LW-02
- RC construction for	- RC Construction for	- RC Construction for
decking of LW-02	Decking of Elevated	Decking of Elevated
- RC construction for lift	Walkway LW-02	Walkway LW-02
and staircase of LW-02	- RC Construction of LW02	- RC Construction of LW02
- ELS modification and	Lift and Staircase	Lift and Staircase
backfilling works for	- ELS modification and	- ELS modification and
retrieving shaft at Sa Po	backfilling works for	backfilling works for
Road	retrieving shaft at Sa Po	retrieving shaft at Sa Po
- Assembly of Rectangular	Road	Road
Tunnel Boring Machine	- Assembly of RTRM at	- SB-01 tunnel construction
(RTBM) at Launching	Launching Shaft for SB-	works by RTBM
Shaft for SB-01	01	- Road and drain
- Road and drain	- SB-01 tunnel construction	construction works for
construction works for	works by RTBM	Road L16
Road L16	- Road and drain	- Construction works for
- Construction works for	construction works for	DCS
DCS	Road L16	- Road and drain
- Road and drain	- Construction works for	construction works at
construction works for	DCS	Olympic Avenue
Olympic Avenue	- Road and drain	- RC construction for
- RC construction for	construction works at	Subway KS10 Lift and
Subway KS10 Lift and	Olympic Avenue	Staircase
Staircase	- RC construction for	- Renovation works for
- Renovation works for	Subway KS10 Lift and	existing subways KS9,
existing subways KS9,	Staircase	KS32 and KS10
KS32 and KS10	- Renovation works for	- Construction of
- Pre-bored socket H-pile	existing subways KS9,	Underpinning of S14
construction works for	KS32 and KS10	- GI and Grouting works for
Slip Road S14	- Pre-bored socket H-pile	Slip Road S14
	construction works for	- Construction of Retaining
	Slip Road S14	Wall Type 1 for S14
	- Construction of Retaining	
	Wall Type 1 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. Kelvin Ng	Permit Holder	3842 7086	kwyng@cedd.gov.h k
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 Sustainabilit y Consulting Limited (Acuity)	Independent Environmental Checker (IEC)	Mr. Kevin Li	IEC	9779 2247	kevin.li@aurecongr oup.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.h <u>k</u>

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

May 2023	June 2023	July 2023
- Erection of falseworks and	- Erection of falseworks and	- Erection of falseworks and
working platform for	working platform for	working platform for
decking of Elevated	decking of Elevated	decking of Elevated
Walkway LW-02	Walkway LW-02	Walkway LW-02
- RC construction for	- RC Construction for	- RC Construction for
decking of LW-02	Decking of Elevated	Decking of Elevated
- RC construction for lift	Walkway LW-02	Walkway LW-02
and staircase of LW-02	- RC Construction of LW02	- RC Construction of LW02
- ELS modification and	Lift and Staircase	Lift and Staircase
backfilling works for	- ELS modification and	- ELS modification and
retrieving shaft at Sa Po	backfilling works for	backfilling works for
Road	retrieving shaft at Sa Po	retrieving shaft at Sa Po
- Assembly of Rectangular	Road	Road
Tunnel Boring Machine	- Assembly of RTRM at	- SB-01 tunnel construction
(RTBM) at Launching	Launching Shaft for SB-	works by RTBM
Shaft for SB-01	01	- Road and drain
- Road and drain	- SB-01 tunnel construction	construction works for
construction works for	works by RTBM	Road L16
Road L16	- Road and drain	- Construction works for
- Construction works for	construction works for	DCS
DCS	Road L16	- Road and drain
- Road and drain	- Construction works for	construction works at
construction works for	DCS	Olympic Avenue
Olympic Avenue	- Road and drain	- RC construction for
- RC construction for	construction works at	Subway KS10 Lift and
Subway KS10 Lift and	Olympic Avenue	Staircase
Staircase	- RC construction for	- Renovation works for
- Renovation works for	Subway KS10 Lift and	existing subways KS9,
existing subways KS9,	Staircase	KS32 and KS10
KS32 and KS10	- Renovation works for	- Construction of
- Pre-bored socket H-pile	existing subways KS9,	Underpinning of S14
construction works for	KS32 and KS10	- GI and Grouting works for
Slip Road S14	- Pre-bored socket H-pile	Slip Road S14
	construction works for	- Construction of Retaining
	Slip Road S14	Wall Type 1 for S14
	- Construction of Retaining	
	Wall Type 1 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.

<u>Air Quality Monitoring Locations</u>

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

Air Monitoring Station	Location for Measurement	Parameter	Duration	Frequency
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
Wind Logger and Wind 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 μ m 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 validate 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, µg/m³	Limit Level, µg/m³
24 hour avarage TCD	AM2(A)	175	260
24-hour average TSP	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, µg/m ³	Limit Level, µg/m³
1 have average TCD	AM2(A)	302	500
1-hour average TSP	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 designated 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

	May	2023	June	2023	July	2023		
	24-hr		24-hr		24-hr			
Air	Average		Average		Average		Action	Limit
Monitoring	TSP	Range,	TSP	Range,	TSP	Range,	Level,	Level,
Station	Concentr	$\mu g/m^3$	Concentr	$\mu g/m^3$	Concentr	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$
	ation,		ation,		ation,			
	$\mu g/m^3$		$\mu g/m^3$		$\mu g/m^3$			
AM2(A)	69	21 – 115	32	28 - 40	51	21 - 98	175	260
AM3	48	30 - 60	50	30 - 82	61	40 - 97	172	260

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

	May	2023	June	2023	July	2023		
	1-hr		1-hr		1-hr			
Air	Average		Average		Average		Action	Limit
Monitoring	TSP	Range,	TSP	Range,	TSP	Range,	Level,	Level,
Station	Concentr	$\mu g/m^3$	Concentr	$\mu g/m^3$	Concentr	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$
	ation,		ation,		ation,			
	$\mu g/m^3$		$\mu g/m^3$		$\mu g/m^3$			
AM2(A)	61	19 – 98	34	28 - 40	55	30 - 105	302	500
AM3	51	37 – 69	50	28 - 78	59	35 – 98	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.

Noise Monitoring Locations

2.26 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

2.27 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)	I I and	30 - minutes measurement at each monitoring station between
M5(A) – Prince Ritz	Podium (Façade)	$L_{ m Aeq}, L_{ m A10}$ and $L_{ m A90}$	0700 – 1900 hrs on normal weekdays (Monday to Saturday) at frequency of once per week.

Noise Monitoring Equipment

2.28 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 ssummarizes 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	2	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

- 2.29 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.
- 2.30 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.
- 2.31 Turned on the sound level meter and check the battery, if too low, change new ones.
- 2.32 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.
- 2.33 Noise level was recorded.
- 2.34 Recorded any activities that may generate noise during measurement period.

Maintenance and Calibration

- 2.35 The microphone head of the sound level meter and calibrator was cleaned with a soft cloth at quarterly intervals.
- 2.36 The sound level meter and sound calibrator were calibrated annually.
- 2.37 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

2.38 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	M4(A)	69.5	When one documented	75 dB(A)
normal weekdays	M5(A)	72.5	complaint is received.	73 UD(A)

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

2.39 Impact noise monitoring results at the designated noise monitoring stations are summarized in Table 2.12.

Table 2.12 Summary of noise monitoring data during the reporting period

	May	2023	June	2023	July	2023		
Noise Monitoring Station	$\begin{array}{c} \text{Measured} \\ L_{\text{Aeq, 30-}} \\ \text{min,} \\ \text{Average,} \\ dB(A) \end{array}$	$\begin{array}{c} \text{Measured} \\ L_{\text{Aeq, 30-}} \\ \text{min,} \\ \text{Range,} \\ dB(A) \end{array}$	$\begin{array}{c} \text{Measured} \\ L_{\text{Aeq, 30-}} \\ \text{min,} \\ \text{Average,} \\ dB(A) \end{array}$	$\begin{array}{c} \text{Measured} \\ L_{\text{Aeq, 30-}} \\ \text{min,} \\ \text{Range,} \\ dB(A) \end{array}$	$\begin{array}{c} \text{Measured} \\ L_{\text{Aeq, 30-}} \\ \text{min,} \\ \text{Average,} \\ dB(A) \end{array}$	Measured L _{Aeq, 30-} min, Range, dB(A)	Action Level	Limit Level ^
M4(A)	70.0	69.6 – 70.9	70.7	69.9 – 71.6	72.1	70.5 – 73.6	When one documented	75
M5(A)	72.7	72.2 – 73.6	72.7	72.2 – 73.3	73.1	72.8 – 73.3	complaint is received	dB(A)

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.

- 2.40 There were no Action Level exceedance of noise monitoring and Limit Level exceedance of L_{Aeq}, 30min recorded during the reporting period.
- 2.41 Graphical presentation and detailed monitoring results of impact noise are shown in Appendix D.
- 2.42 The Event and Action Plan is provided in Appendix E.

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

Comparison of EM&A Results with EIA Predictions

2.44 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

	AGD	Maximu averag	Cumulative om 24-hr ge TSP	Measured 24-hr	Measured 24-hr	Measured 24-hr
Air Monitoring	ASR No. in	Scenario	tration Scenario	average TSP in	average TSP in	average TSP in
Station	EIA	1 (Mid	2 (Mid	Reporting	Reporting	Reporting
	report	2009 to	2013 to	Month	Month	Month
		Mid	Late	(May 2023)	(June 2023)	(July 2023)
		2013),	2016),	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$
		μg/m ³	μg/m ³			
AM2(A) - Ng Wah						
Catholic Secondary	NA	NA	NA	21 - 115	28 - 40	21 - 98
School						
AM3 - Sky Tower	A40	106^	138^	30 - 60	30 - 82	40 – 97

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

		Predicted (Cumulative			
		Maximu	m 1-hour	Measured	Measured	Measured
		averag	ge TSP	1-hr	1-hr	1-hr
	ASR		itration	average	average	average
Air Monitoring	No. in	Scenario	Scenario	TSP in	TSP in	TSP in
Station	EIA	1 (Mid	2 (Mid	Reporting	Reporting	Reporting
	report	2009 to	2013 to	Month	Month	Month
	_	Mid	Late	(May 2023)	(June 2023)	(July 2023)
		2013),	2016),	$\mu g/m^3$	$\mu g/m^3$	$\mu g/m^3$
		$\mu g/m^3$	$\mu g/m^3$			
AM2(A) - Ng Wah						
Catholic Secondary	NA	NA	NA	19 – 98	28 - 40	30 - 105
School						
AM3 - Sky Tower	A40	217^	247^	37 – 69	28 - 78	35 - 98

Note

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 LAeq, 30min, dB(A)	Measured Noise Level in Reporting Month (May 2023) LAeq, 30min, dB(A)	Measured Noise Level in Reporting Month (June 2023) LAeq, 30min, dB(A)	Measured Noise Level in Reporting Month (July 2023) LAeq, 30min, dB(A)
		uD(A)			
M4(A) – Le Billionnaire	NA	NA	69.6 – 70.9	69.9 – 71.6	70.5 – 73.6
M5(A) – Prince Ritz	NA	NA	72.2 - 73.6	72.2 - 73.3	72.8 - 73.3

- 2.45 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.
- 2.46 No prediction in the EIA Report for 24-hour TSP monitoring results at AM2(A).
- 2.47 24-hour TSP monitoring results in March and April at AM3 was recorded higher 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.
- 2.48 No prediction in the EIA Report for 1-hour TSP monitoring results at AM2(A).
- 2.49 1-hour TSP monitoring results at AM3 recorded in the reporting period were recorded lower

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

than the prediction in the EIA Report.

2.50 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 reduction 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	Close-out Date / Status
4 May 2023	Observation: Stockpiles should be fully covered by impermeable sheeting to reduce dust emission.	Action Taken: Stockpiles have been covered.	Closed out on 11 May 2023
11 May 2023	No observation	NA	NA
18 May 2023	Observation: The vehicles should be restricted to maximum speed of 10 km per hour.	Action Taken: The vehicles have been restricted to maximum speed of 10 km per hour.	Closed out on 25 May 2023
25 May 2023	Observation: The NNRM label for the excavator was missing. Please ensure the label is properly demonstrated.	Action taken: The NNRM label has been display for the excavator.	Closed out on 1 June 2023
1 June 2023	Observation: The vehicles should be restricted to maximum speed of 10 km per hour.	Action Taken: The vehicles has been restricted to maximum speed of 10 km per hour.	Closed out on 8 June 2023
8 June 2023	Observation: Stockpiles should be fully covered by impermeable sheeting to reduce dust emission	Action Taken: Stockpiles has been removed.	Closed out on 15 June 2023
15 June 2023	Observation: Construction waste shall be	Action Taken:	Closed out on

Inspection Date	Key Observations / Advice / Recommendations /	Actions	Close-out Date / Status
	removed timely.	Construction waste has been removed.	21 June 2023
21 June 2023	Observation: Stockpiles should be fully covered by impermeable sheeting to reduce dust emission	Action Taken: Stockpiles has been removed.	Closed out on 29 June 2023
29 June 2023	Observation: The NNRM label for the excavator was missing. Please ensure the label is properly demonstrated.	Action taken: The NNRM label has been display for the excavator.	Closed out on 6 July 2023
6 July 2023	Observation: The QPME label for the generator was missing. Please ensure the label is properly demonstrated.	Action Taken: The QPME label has been display for the generator.	Closed out on 13 July 2023
13 July 2023	Observation: Stockpiles should be fully covered by impermeable sheeting to reduce dust emission.	Action Taken: Stockpiles has been removed.	Closed out on 20 July 2023
13 July 2023	Observation: Secondary container shall be provided for the engine oil to prevent soil contamination.	Action Taken: Diesel drum had been relocated to proper area.	Closed out on 20 July 2023
20 July 2023	Observation: Reminder: Pay attention to the water content of inert waste (generated from tunnel work), to avoid slurry sending to fill bank.	Action Taken: Pay attention to the water content of inert waste (generated from tunnel work), to avoid slurry sending to fill bank.	Closed out on 27 July 2023
27 July 2023	Observation: Stockpiles should be fully covered by impermeable sheeting to reduce dust emission.	Action taken: Stockpiles has been removed.	Closed out on 3 August 2023

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

The state of the s					
Parameter	Reporting Period	No. of Exceedance		Possible reasons for	
		Action	Limit	non-compliance	Action Taken
		Level	Level		
	May 2023	0	0	N/A	N/A
1-hr TSP	Jun 2023	0	0	N/A	N/A
	Jul 2023	0	0	N/A	N/A
24-hr TSP	May 2023	0	0	N/A	N/A
	Jun 2023	0	0	N/A	N/A
	Jul 2023	0	0	N/A	N/A
Construction noise	May 2023	0	0	N/A	N/A
	Jun 2023	0	0	N/A	N/A
	Jul 2023	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 compliant	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:

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

Inspection Date	Recommendations / Reminders
4 May 2023	Stockpiles should be fully covered by impermeable sheeting to reduce dust emission.
18 May 2023	The vehicles should be restricted to maximum speed of 10 km per hour.
25 May 2023	The NNRM label for the excavator was missing. Please ensure the label is properly demonstrated.
1 June 2023	The vehicles should be restricted to maximum speed of 10 km per hour.
8 June 2023	Stockpiles should be fully covered by impermeable sheeting to reduce dust emission
15 June 2023	Construction waste shall be removed timely.
21 June 2023	Stockpiles should be fully covered by impermeable sheeting to reduce dust emission.
29 June 2023	The NNRM label for the excavator was missing. Please ensure the label is properly demonstrated.

Inspection Date	Recommendations / Reminders	
6 July 2023	The QPME label for the generator was missing. Please ensure the label is properly demonstrated.	
13 July 2023	Stockpiles should be fully covered by impermeable sheeting to reduce dust emission.	
13 July 2023	Secondary container shall be provided for the engine oil to prevent soil contamination.	
20 July 2023	Reminder: Pay attention to the water content of inert waste (generated from tunnel work), to avoid slurry sending to fill bank.	
27 July 2023	Stockpiles should be fully covered by impermeable sheeting to reduce dust emission.	

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

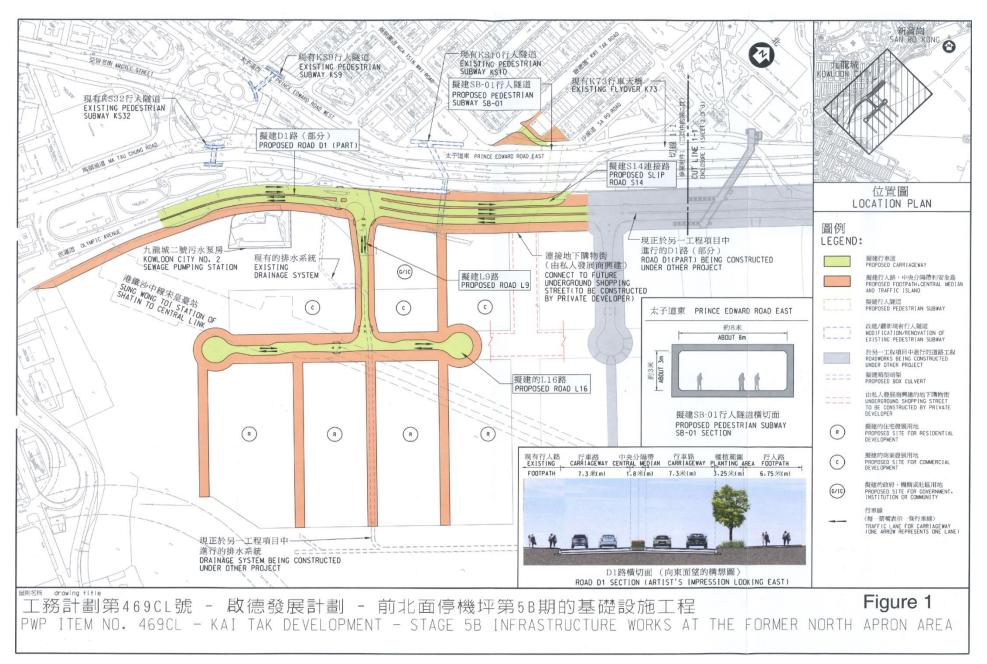


Figure 1 – Proposed works of Contract No. ED/2018/05

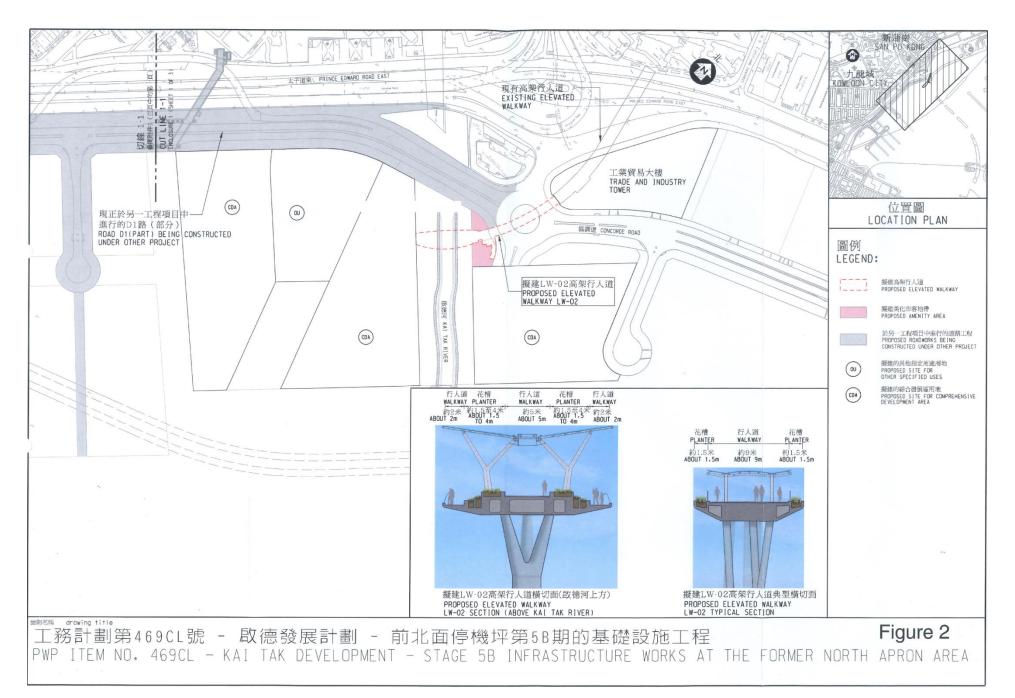
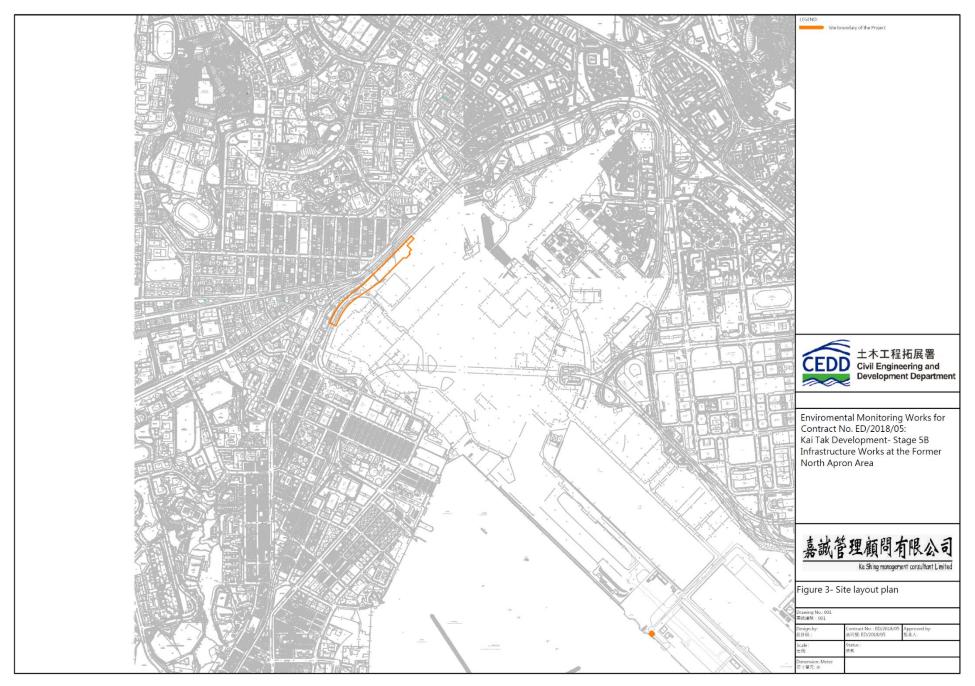


Figure 2 – Proposed works of Contract No. ED/2018/05



 $Figure \ 3-D1 \ Road \ Site \ Layout \ Plan$

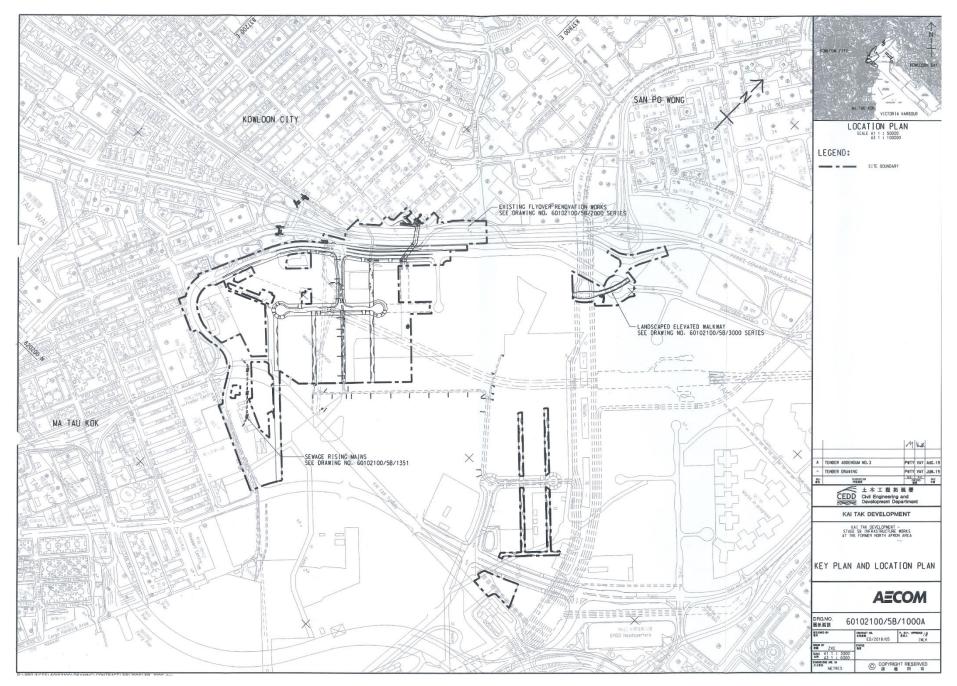


Figure 4 – Site Layout Plan

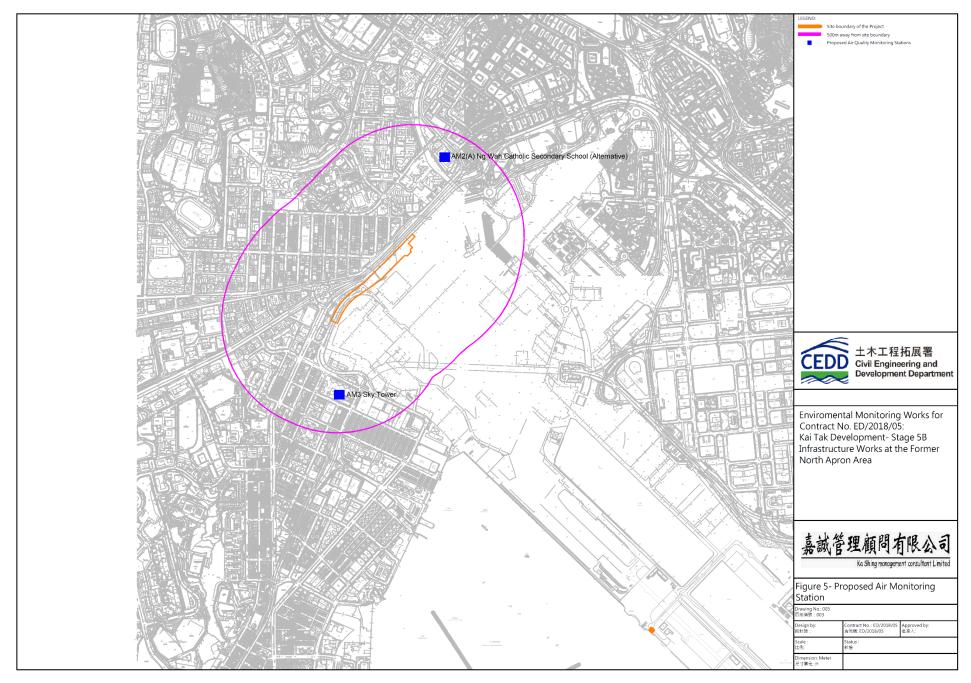
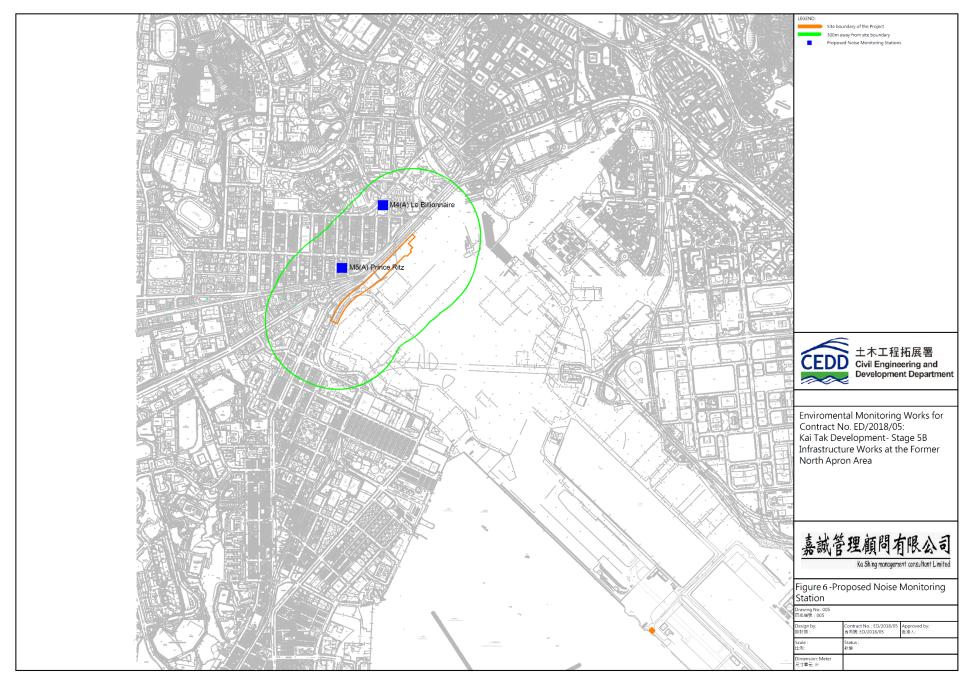
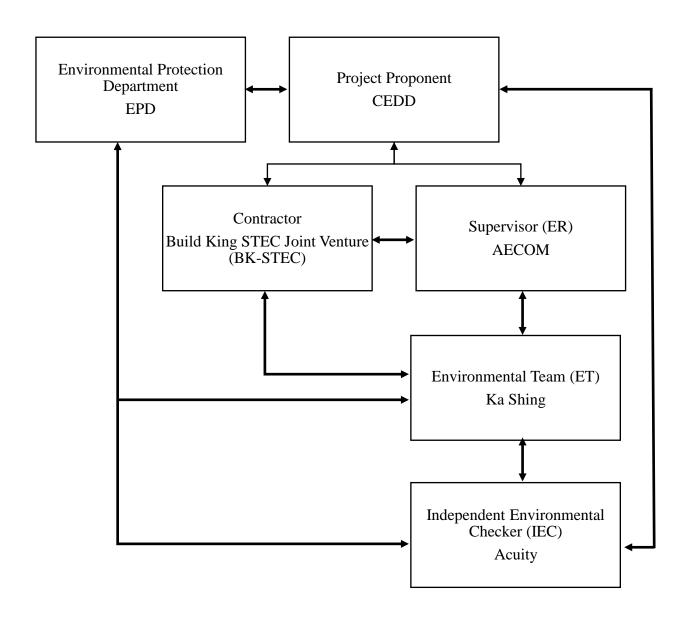


Figure 5 – Air Quality Monitoring Stations

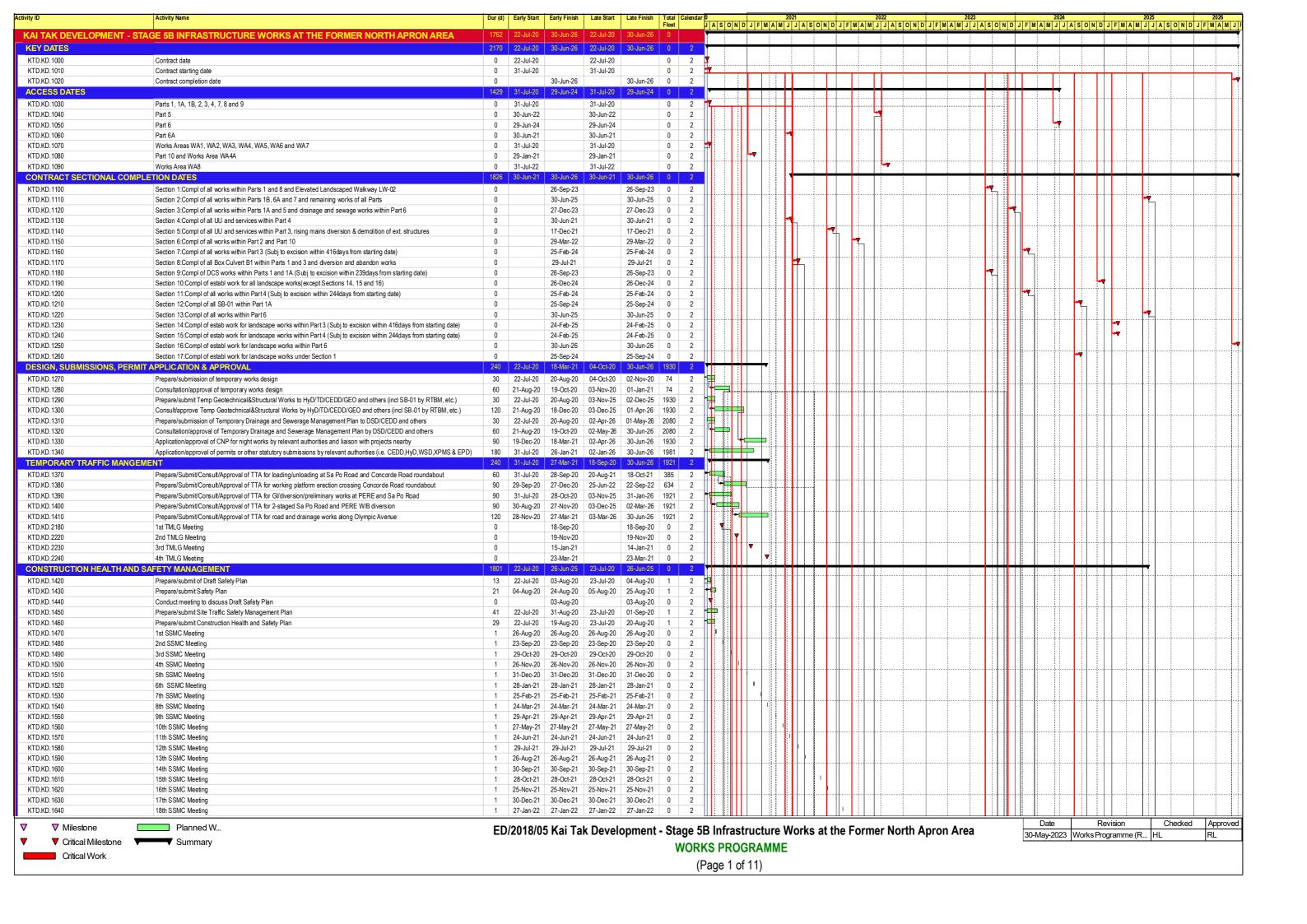


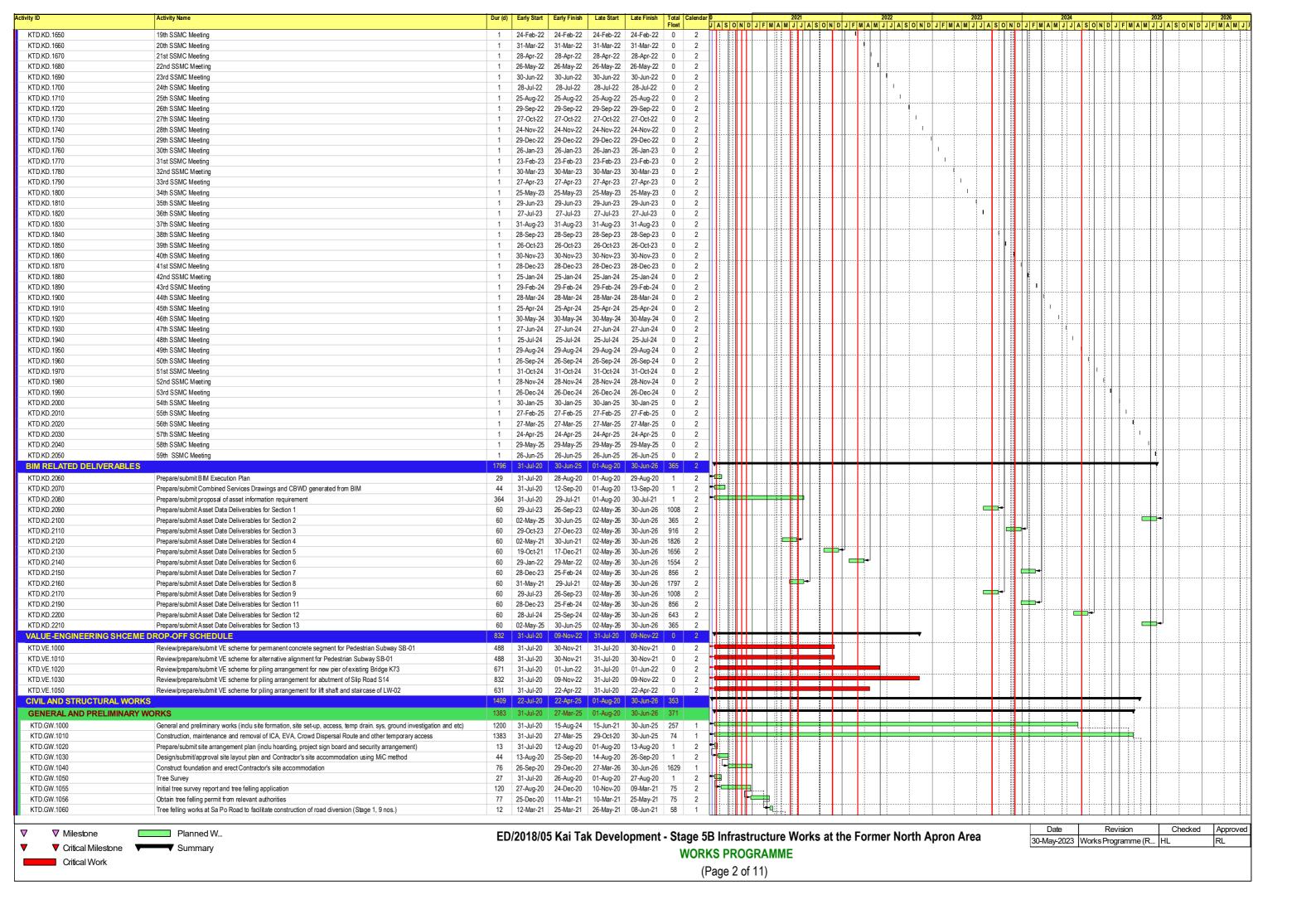
 $Figure\ 6-Noise\ Monitoring\ Stations$

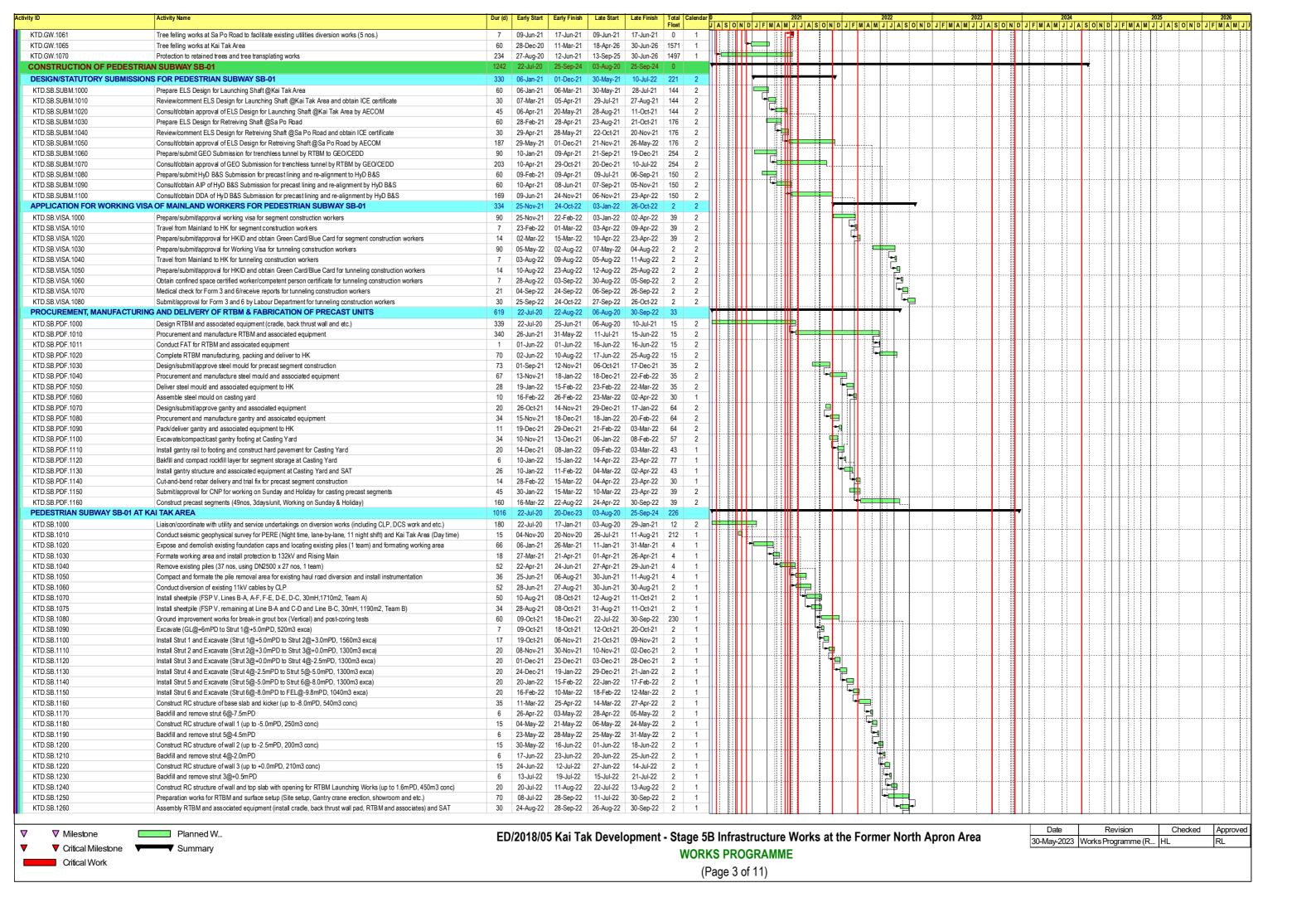
Appendix A – Organization Chart of EM&A Team

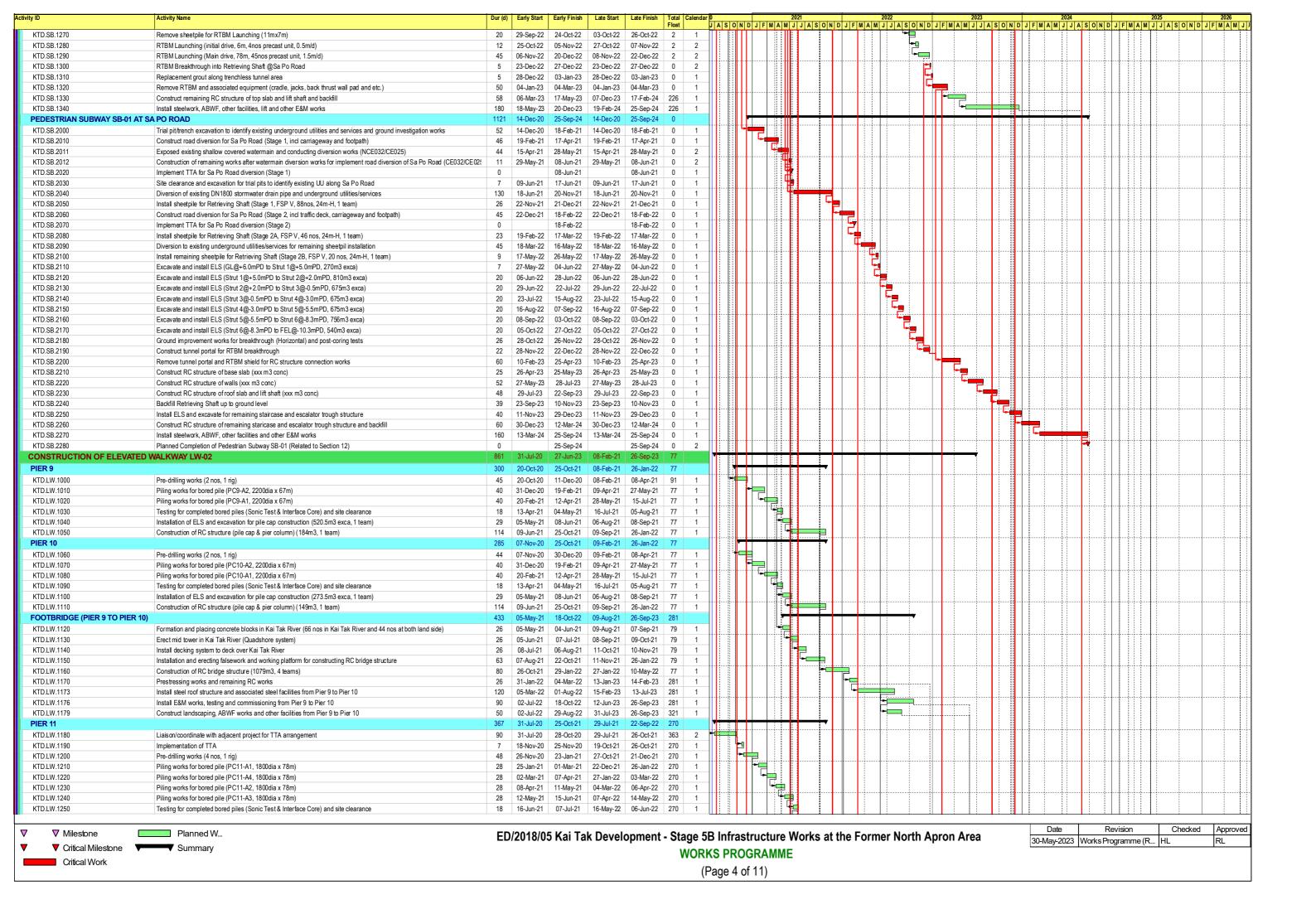


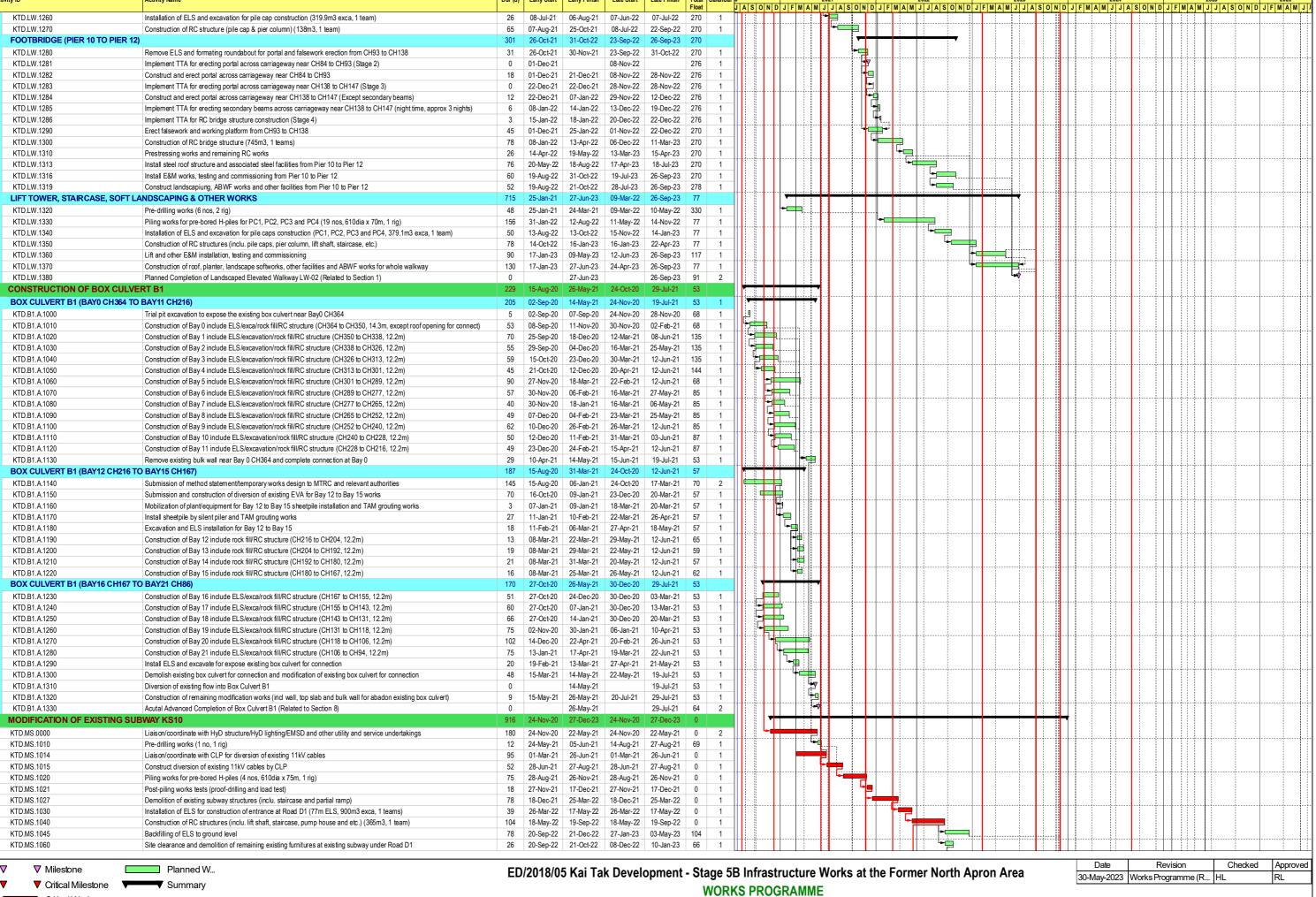
Appendix B – Construction Programme



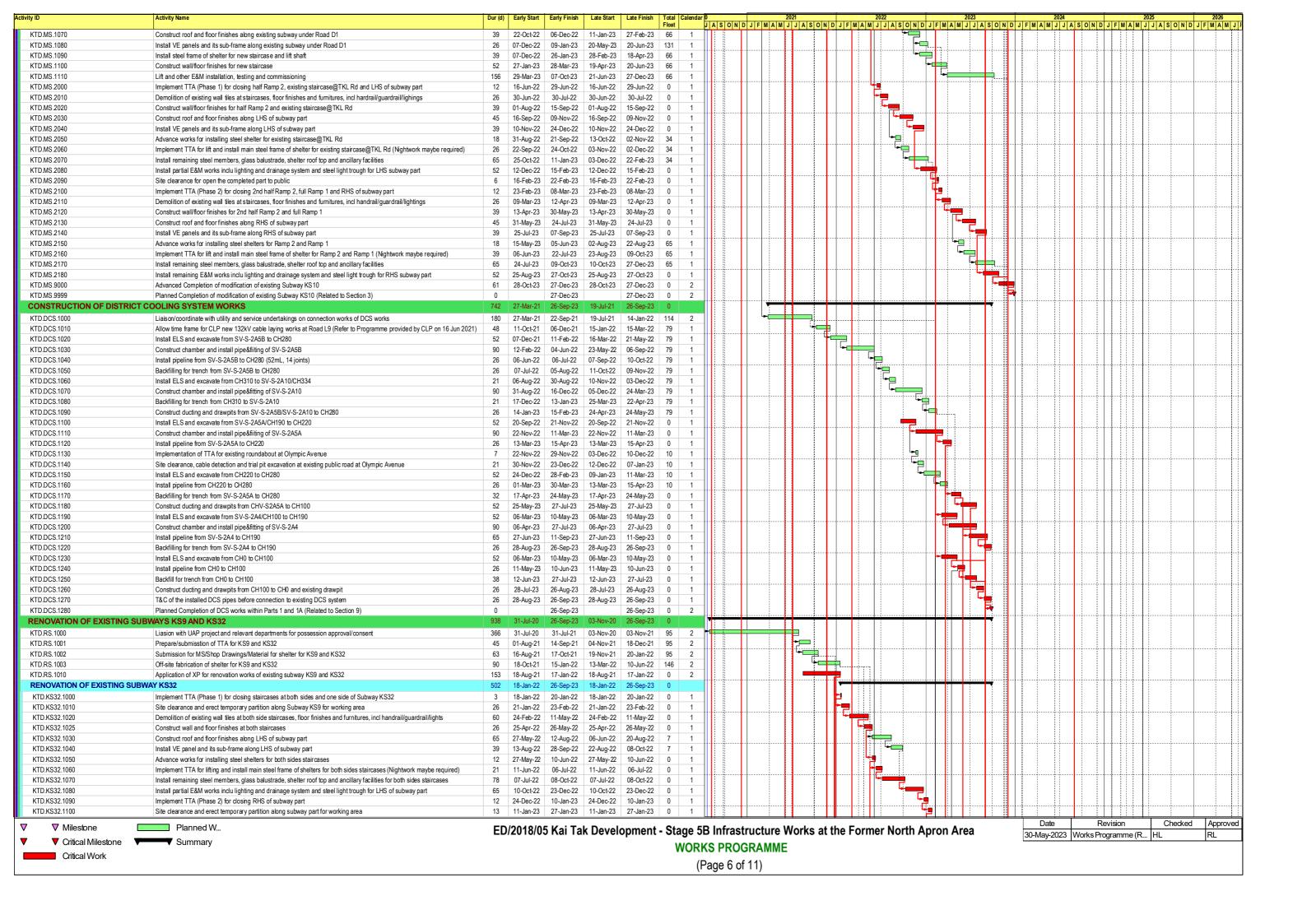


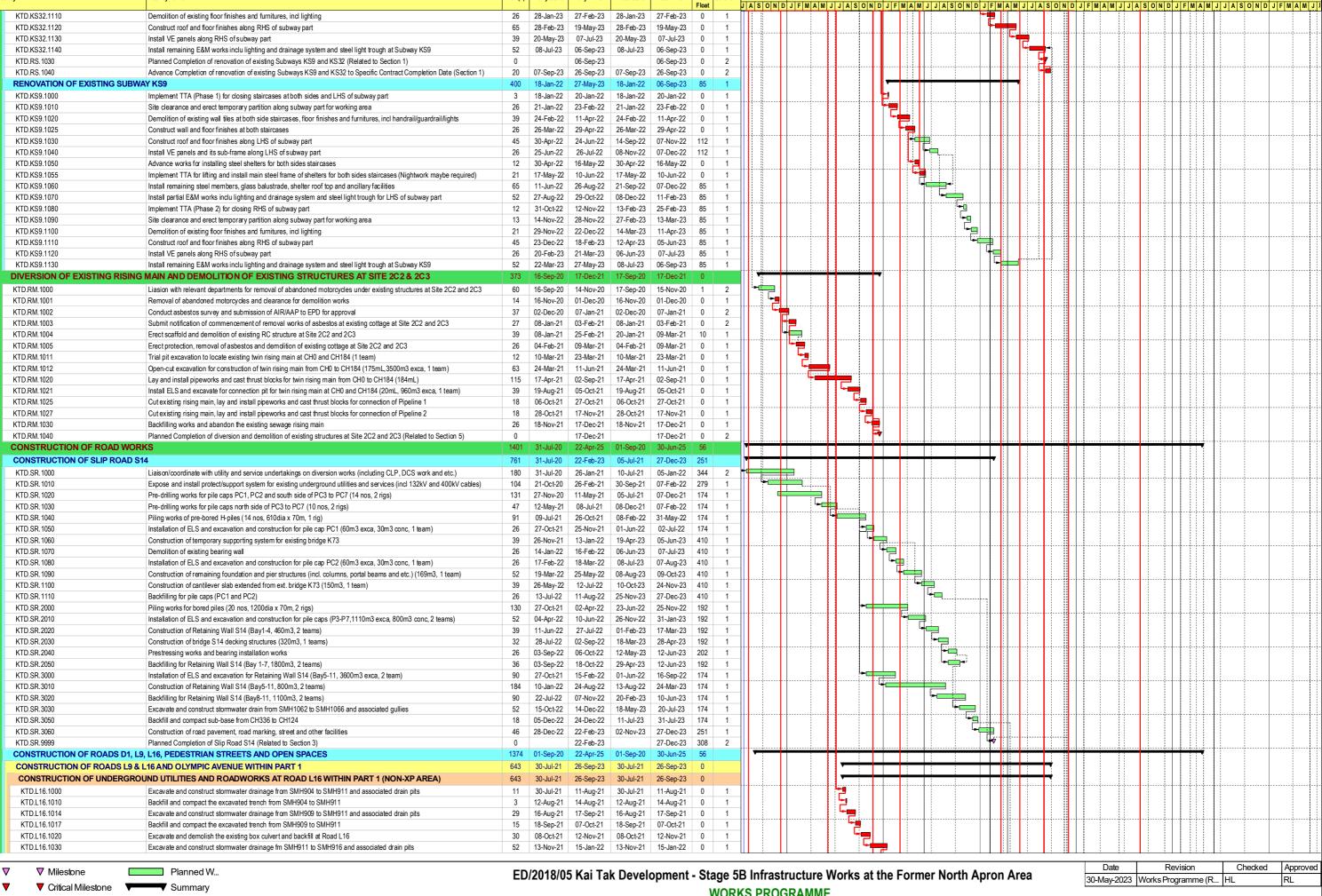






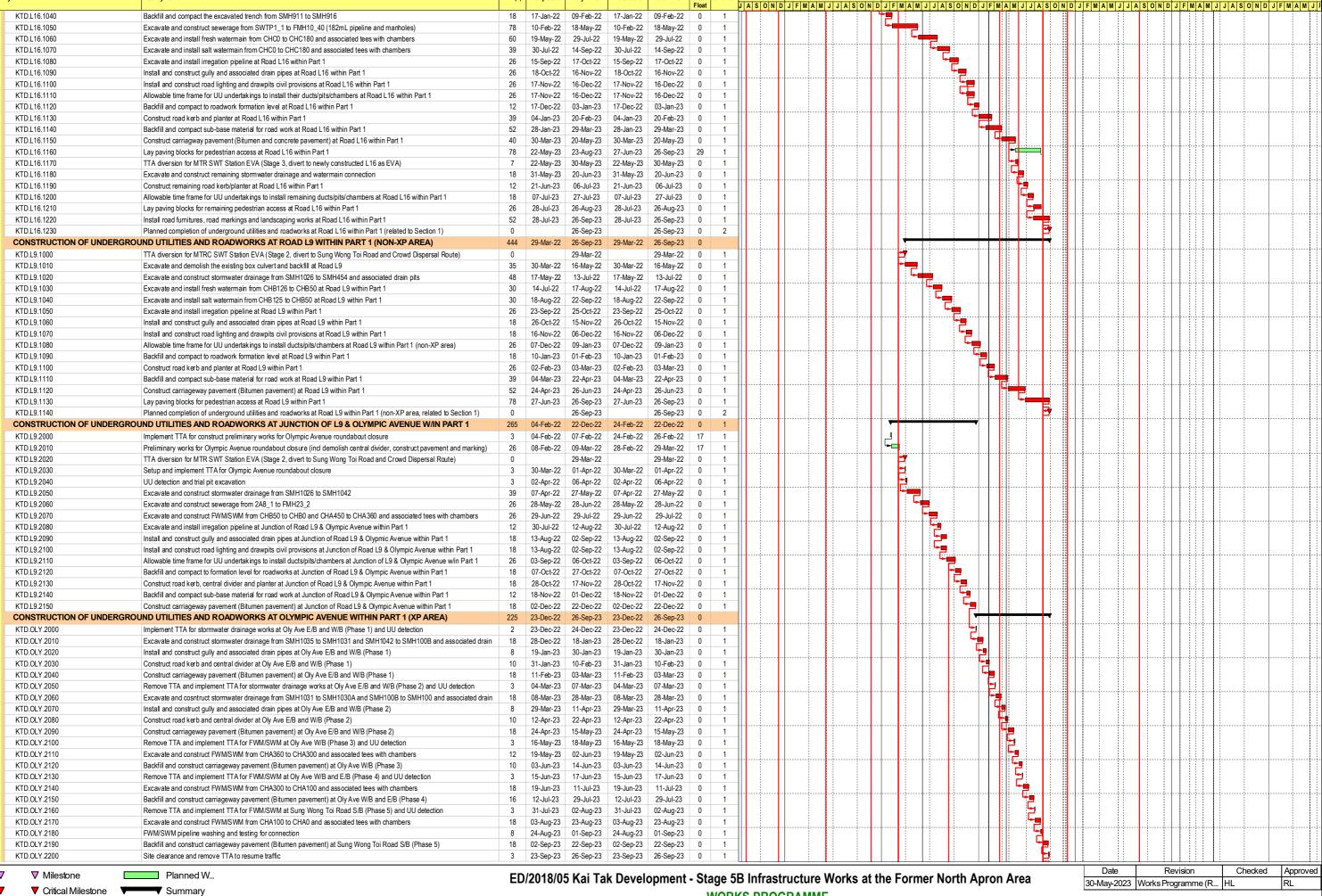
(Page 5 of 11)



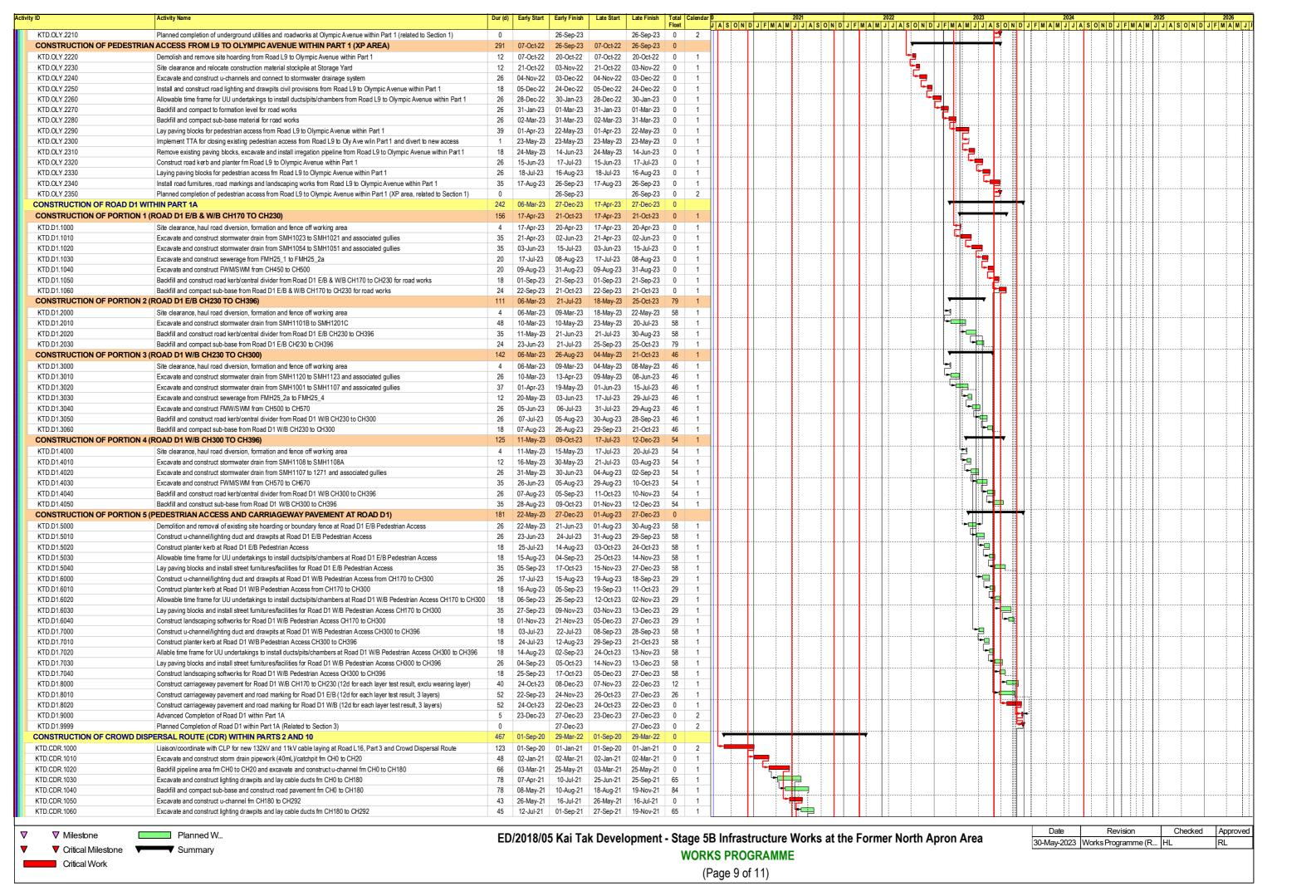


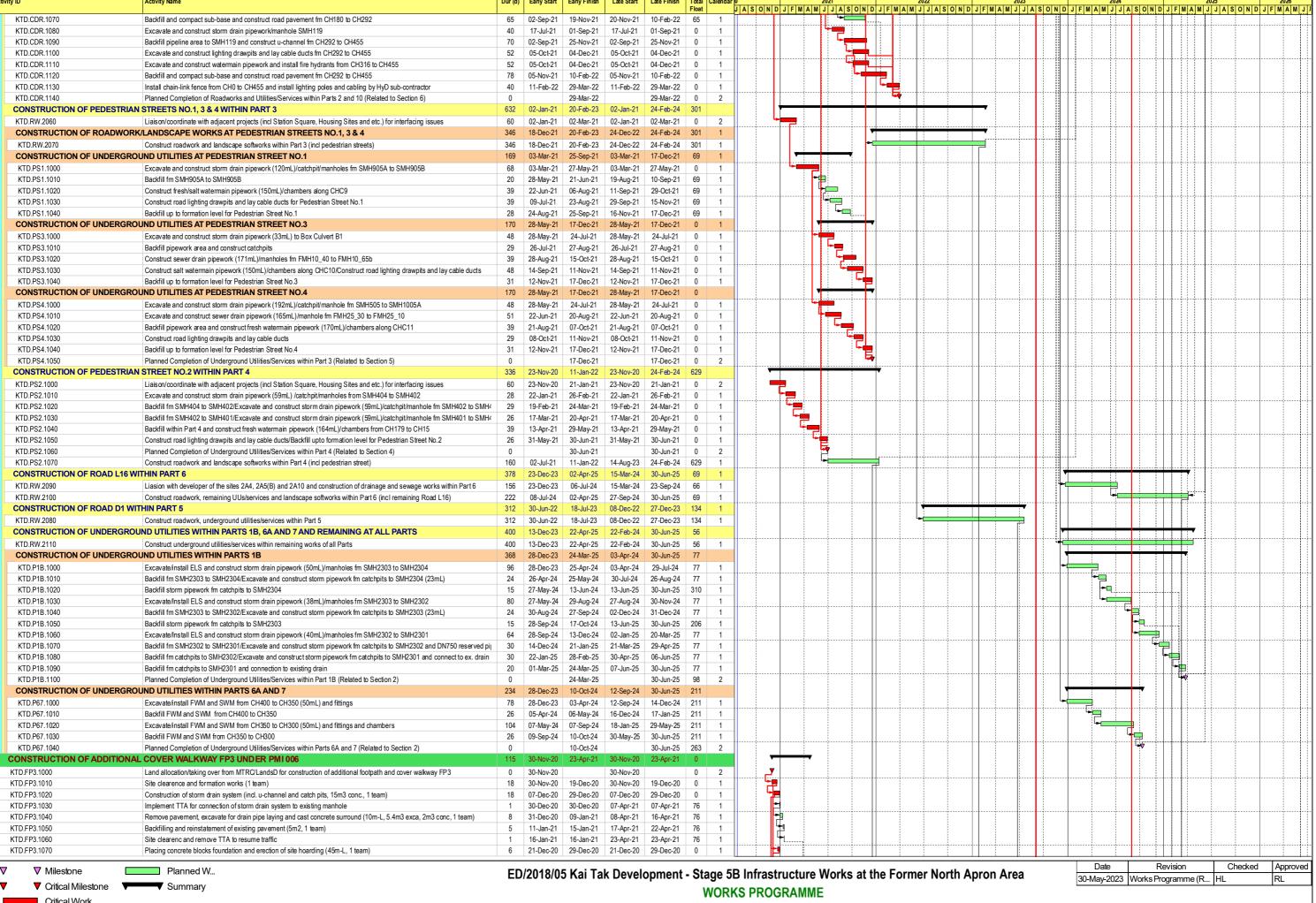
WORKS PROGRAMME

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WORKS PROGRAMME (Page 8 of 11)





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tivity ID	Activity Name	Dur (d)	Early Start	Early Finish	Late Start	Late Finish	Total	Calendar 0			<u></u>	2021			2022	<u></u>			2023			<u></u>	2024			2	025		2026
							Float	Ū	A S O	N D	J F M A M	JJA	SOND	J F M A	M J J	ASON	I D J F	MAM	N J J A	A S O N	I D J I	M A M	J J A	SONI	D J F	M A M J	J A S	ONDJ	F M A M
KTD.FP3.1080	Construction of foundation for footpath cover (230m3 conc, 1 team)	12	21-Dec-20	06-Jan-21	21-Dec-20	06-Jan-21	0	1		19	1														TT				
KTD.FP3.1090	Installation of steel frame of footpath cover, site hoarding and lighting system	15	30-Dec-20	16-Jan-21	30-Dec-20	16-Jan-21	0	1		- <u> </u>																			
KTD.FP3.1100	Placing sub-base and construction of footpath pavement (45m3 sub-base, 35m3 conc, 1 team)	15	30-Dec-20	16-Jan-21	30-Dec-20	16-Jan-21	0	1		4															T				
KTD.FP3.1104	Construction/Installation for additional works for FP3 under CE028	76	18-Jan-21	23-Apr-21	18-Jan-21	23-Apr-21	0	1		┢	-																		
KTD.FP3.1105	Provision of power supply by CLP for lighting system at FP3 (CE028)	76	18-Jan-21	23-Apr-21	18-Jan-21	23-Apr-21	0	1		٠	-																		
KTD.FP3.1110	Planned Completion of Additional Footpath and Cover Walkway FP3 under PMI 006	0		23-Apr-21		23-Apr-21	0	2			-														T] [
PROJECT ESTABLISH	IMENT WORKS	1542	12-Jan-22	02-Apr-26	27-Sep-23	30-Jun-26	89	2						•				_	#		\neg							$\overline{}$	
KTD.EW.1000	Establishment works for all landscape softworks (except Parts 3, 4 and 6)	365	19-Jul-23	17-Jul-24	28-Dec-23	26-Dec-24	162	2											4			-	—						
KTD.EW.1010	Establishment works for landscape softworks within Part 3 (Subj to excision within 416 days)	365	21-Feb-23	20-Feb-24	26-Feb-24	24-Feb-25	370	2									l = 1	-		-		1					1		
KTD.EW.1020	Establishment works for landscape softworks within Part 4 (Subj to excision within 244 days)	365	12-Jan-22	11-Jan-23	26-Feb-24	24-Feb-25	775	2					4	-	-	-													
KTD.EW.1030	Establishment works for landscape softworks within Part 6	365	03-Apr-25	02-Apr-26	01-Jul-25	30-Jun-26	89	2																		L-		$\overline{}$	
KTD.EW.1040	Establishment works for landscape softworks under Section 1	365	27-Sep-23	25-Sep-24	27-Sep-23	25-Sep-24	0	2												-				=			1		
KTD.EW.1050	Planned Contract Completion Date	0		02-Apr-26		30-Jun-26	89	2																					- -



Appendix C – Weather information

General Information

Date		Absolute Daily	Absolute Daily		Mean
C C C C C C C C C C	Date	Min	Max	Total Rainfall	Relative
01/05/2023 23.0 26.1 0.3 78 02/05/2023 22.7 26.9 0 74 03/05/2023 23.6 29.1 0.1 84 04/05/2023 25.4 31.2 0 84 05/05/2023 25.5 30.2 0 80 06/05/2023 26.9 29.7 0 82 07/05/2023 23.4 30.3 35.5 86 08/05/2023 21.9 24.8 39.2 88 09/05/2023 22.3 26.5 0.1 78 10/05/2023 23.0 25.3 0 70 11/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9	Date			(mm)	
02/05/2023 22.7 26.9 0 74 03/05/2023 23.6 29.1 0.1 84 04/05/2023 25.4 31.2 0 84 05/05/2023 25.5 30.2 0 80 06/05/2023 26.9 29.7 0 82 07/05/2023 23.4 30.3 35.5 86 08/05/2023 21.9 24.8 39.2 88 09/05/2023 22.3 26.5 0.1 78 10/05/2023 22.3 26.5 0.1 78 10/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 <t< td=""><td></td><td>(°C)</td><td>(°C)</td><td></td><td>(%)</td></t<>		(°C)	(°C)		(%)
03/05/2023 23.6 29.1 0.1 84 04/05/2023 25.4 31.2 0 84 05/05/2023 25.5 30.2 0 80 06/05/2023 26.9 29.7 0 82 07/05/2023 23.4 30.3 35.5 86 08/05/2023 21.9 24.8 39.2 88 09/05/2023 22.3 26.5 0.1 78 10/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 22.3 25.3 9.5 85 14/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.7					
04/05/2023 25.4 31 2 0 84 05/05/2023 25.5 30.2 0 80 06/05/2023 26.9 29.7 0 82 07/05/2023 23.4 30.3 35.5 86 08/05/2023 21.9 24.8 39.2 88 09/05/2023 22.3 26.5 0.1 78 10/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 <td< td=""><td></td><td>22.7</td><td>26.9</td><td>0</td><td></td></td<>		22.7	26.9	0	
05/05/2023 25.5 30.2 0 80 06/05/2023 26.9 29.7 0 82 07/05/2023 23.4 30.3 35.5 86 08/05/2023 21.9 24.8 39.2 88 09/05/2023 22.3 26.5 0.1 78 10/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.1	03/05/2023	23.6	29.1	0.1	84
06/05/2023 26.9 29.7 0 82 07/05/2023 23.4 30.3 35.5 86 08/05/2023 21.9 24.8 39.2 88 09/05/2023 22.3 26.5 0.1 78 10/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.1	04/05/2023	25.4	31 2	0	84
07/05/2023 23.4 30.3 35.5 86 08/05/2023 21.9 24.8 39.2 88 09/05/2023 22.3 26.5 0.1 78 10/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1	05/05/2023	25.5	30.2	0	80
08/05/2023 21.9 24.8 39.2 88 09/05/2023 22.3 26.5 0.1 78 10/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4	06/05/2023	26.9	29.7	0	82
09/05/2023 22.3 26.5 0.1 78 10/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 25/05/2023 24.9	07/05/2023	23.4	30.3	35.5	86
10/05/2023 23.0 25.3 0 70 11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4	08/05/2023	21.9	24.8	39.2	88
11/05/2023 22.2 25.8 0.5 76 12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 24.9 26.9 Trace 89 26/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7	09/05/2023	22.3	26.5	0.1	78
12/05/2023 23.8 25.7 Trace 77 13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7	10/05/2023	23.0	25.3		70
13/05/2023 22.3 25.3 9.5 85 14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 26.3	11/05/2023	22.2	25.8	0.5	76
14/05/2023 20.2 23.1 39.9 93 15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3	12/05/2023	23.8	25.7	Trace	77
15/05/2023 21.9 27.1 0.1 84 16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0	13/05/2023	22.3	25.3	9.5	85
16/05/2023 23.1 27.3 0.4 87 17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	14/05/2023	20.2	23.1	39.9	93
17/05/2023 23.7 28.9 32.7 89 18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	15/05/2023	21.9	27.1	0.1	84
18/05/2023 27.5 31.4 0 83 19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	16/05/2023	23.1	27.3	0.4	87
19/05/2023 27.4 31.3 0 82 20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	17/05/2023	23.7	28.9	32.7	89
20/05/2023 28.0 32.7 Trace 80 21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	18/05/2023	27.5	31.4	0	83
21/05/2023 28.0 32.2 1.5 79 22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	19/05/2023	27.4	31.3	0	82
22/05/2023 28.1 33.2 0 76 23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	20/05/2023	28.0	32.7	Trace	80
23/05/2023 24.4 29.2 8.3 88 24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	21/05/2023	28.0	32.2	1.5	79
24/05/2023 23.3 28.2 14.5 88 25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	22/05/2023	28.1	33 2	0	76
25/05/2023 24.9 26.9 Trace 89 26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	23/05/2023	24.4	29.2	8.3	88
26/05/2023 26.4 30.9 0.2 87 27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	24/05/2023	23.3	28.2	14.5	88
27/05/2023 26.7 32.3 0 81 28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	25/05/2023	24.9	26.9	Trace	89
28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74				0.2	87
28/05/2023 27.0 32.5 Trace 75 29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	27/05/2023	26.7	32.3	0	81
29/05/2023 26.3 32.3 0 73 30/05/2023 28.0 34.6 0 74	28/05/2023	27.0	32.5	Trace	75
30/05/2023 28.0 34.6 0 74	29/05/2023	26.3	32.3	0	73
		28.0	34.6	0	
31/05/2023 29.6 34./ Irace 7/	31/05/2023	29.6	34.7	Trace	77

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

NOTE2: Trace means rainfall less than 0.05 mm

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2023&m=05

	Absolute Daily	Absolute Daily		Mean
Date	Min	Max	Total Rainfall	Relative
Date	Temperature	Temperature	(mm)	Humidity
	(°C)	(°C)		(%)
01/06/2023	26.2	31.6	6	79
02/06/2023	28.2	35.2	0	76
03/06/2023	28.9	34.9	0.6	76
04/06/2023	27.9	32.7	5.1	81
05/06/2023	27.7	32.9	4.8	79
06/06/2023	26.8	30.2	31.1	87
07/06/2023	27.0	31.5	27.1	88
08/06/2023	27.4	33.1	2.6	82
09/06/2023	26.7	32	16.8	83
10/06/2023	28.0	33	0.3	79
11/06/2023	27.3	32.5	25.4	83
12/06/2023	28.2	33.7	0.2	77
13/06/2023	25.8	32.7	31.8	81
14/06/2023	25.1	29.6	62.8	88
15/06/2023	26.1	28.7	41.5	91
16/06/2023	25.2	28.1	41.7	92
17/06/2023	25.3	28	89.9	94
18/06/2023	25.7	29.9	35.8	89
19/06/2023	26.9	31.4	10.2	83
20/06/2023	27.8	32.2	2.3	80
21/06/2023	28.7	32.2	1.9	79
22/06/2023	29.0	32.4	0.6	77
23/06/2023	28.0	31.2	2.3	80
24/06/2023	27.4	31	8.2	85
25/06/2023	26.1	32.9	13	83
26/06/2023	26.6	32.9	11.4	83
27/06/2023	28.1	33.9	Trace	80
28/06/2023	26.9	31.3	5.4	86
29/06/2023	27.1	33.3	0.9	84
30/06/2023	26.5	32.5	11.2	82

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

NOTE2: Trace means rainfall less than 0.05 mm

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2023&m=06

General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)	Mean Relative Humidity (%)
01/07/2023	26.2	30.9	4.7	82
02/07/2023	26.2	29.3	15.6	89
03/07/2023	27	32.4	3.6	83
04/07/2023	26.7	32	10.6	82
05/07/2023	28.9	33	Trace	77
06/07/2023	28.4	32.8	Trace	77
07/07/2023	29	33.4	0.3	76
08/07/2023	28.8	33.2	0	76
09/07/2023	28.7	33.7	Trace	77
10/07/2023	28.9	33.7	0	75
11/07/2023	28.9	33.6	0	76
12/07/2023	28.9	34.5	0	74
13/07/2023	28.6	34.8	0	71
14/07/2023	28.5	33.8	0	71
15/07/2023	28.2	34.5	2.5	74
16/07/2023	27.2	33.3	4.9	75
17/07/2023	27.2	29.4	29	85
18/07/2023	27.5	31.1	10.9	86
19/07/2023	27.3	30.3	3.9	88
20/07/2023	26.8	33.6	4.8	80
21/07/2023	27.7	32.4	Trace	79
22/07/2023	28.3	34	0	76
23/07/2023	28.6	34.1	Trace	77
24/07/2023	28.4	34.6	0	76
25/07/2023	28.4	33.4	0	73
26/07/2023	29.3	35.5	0	72
27/07/2023	28.4	36.1	6.9	67
28/07/2023	28.9	34.7	0	72
29/07/2023	27.2	31.5	21	84
30/07/2023	27.5	32.1	10	87
31/07/2023	26.5	32.5	46.5	84

NOTE1: The above weather information was obtained from manned weather station of Hong Kong Observatory. NOTE2: Trace means rainfall less than 0.05 mm

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2023&m=07

Kai Tak Runway Park Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)
01/05/2022		
01/05/2023	22.8	26.3
02/05/2023	22.8	26.0
03/05/2023	23.5	27.5
04/05/2023	25.1	28.8
05/05/2023	24.9	29.6
06/05/2023	26.3	30.3
07/05/2023	23.0	30.4
08/05/2023	21.9	24.8
09/05/2023	22.0	25.3
10/05/2023	23.1	25.6
11/05/2023	21.5	25.5
12/05/2023	23.8	26.2
13/05/2023	22.5	25.5
14/05/2023	19.8	23.2
15/05/2023	22.0	26.6
16/05/2023	22.8	27.6
17/05/2023	23.5	29.0
18/05/2023	27.3	32.1
19/05/2023	26.4	32.6
20/05/2023	27.1	32.0
21/05/2023	28.3	32.6
22/05/2023	28.5	33.4
23/05/2023	24.4	29.0
24/05/2023	23.4	27.4
25/05/2023	24.8	27.0
26/05/2023	26.1	30.0
27/05/2023	26.8	31.2
28/05/2023	26.7	30.3
29/05/2023	26.1	33.4
30/05/2023	27.4	35.8
31/05/2023	28.5	32.2

NOTE1: The above weather information was obtained from manned weather station of Kai Tak Runway Park.

https://i-lens.hk/hkweather/history chart.php?date=2023-05-01&chart type=DG TEMP

Date	Absolute Daily Min	Absolute Daily Max
Date	Temperature (°C)	Temperature (°C)
01/06/2023	26.3	33.2
02/06/2023	28.5	34.6
03/06/2023	28.9	32.8
04/06/2023	26.9	31.8
05/06/2023	27.6	31.5
06/06/2023	26.5	31.0
07/06/2023	27.0	30.6
08/06/2023	27.4	31.0
09/06/2023	26.7	32.8
10/06/2023	26.3	34.0
11/06/2023	27.4	30.4
12/06/2023	27.8	32.1
13/06/2023	26.1	31.9
14/06/2023	25.0	30.5
15/06/2023	26.0	28.8
16/06/2023	25.4	29.5
17/06/2023	24.8	28.3
18/06/2023	25.6	30.8
19/06/2023	27.1	32.0
20/06/2023	27.8	32.4
21/06/2023	27.5	33.0
22/06/2023	28.6	33.2
23/06/2023	28.3	31.4
24/06/2023	27.5	31.2
25/06/2023	25.7	31.8
26/06/2023	26.2	31.7
27/06/2023	28.0	32.4
28/06/2023	26.6	31.8
29/06/2023	27.4	32.3
30/06/2023	26.8	32.5

NOTE1: The above weather information was obtained from manned weather station of Kai Tak Runway Park. https://i-lens.hk/hkweather/history_chart.php?date=2023-06-01&chart_type=DG_TEMP

Kai Tak Runway Park Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)
01/07/2023	27.8	32.3
02/07/2023	26.2	30.1
03/07/2023	27.0	32.5
04/07/2023	25.7	32.2
05/07/2023	28.6	33.3
06/07/2023	28.6	33.1
07/07/2023	29.0	33
08/07/2023	28.7	33.7
09/07/2023	28.6	34.2
10/07/2023	28.9	34.1
11/07/2023	29.0	34.6
12/07/2023	28.7	34.2
13/07/2023	27.9	31.9
14/07/2023	28.2	35.3
15/07/2023	27.4	34.7
16/07/2023	27.0	33.1
17/07/2023	27.2	29.9
18/07/2023	27.9	29.4
19/07/2023	27.0	29.9
20/07/2023	27.0	32.3
21/07/2023	28.0	32.9
22/07/2023	27.9	32.7
23/07/2023	28.2	32.6
24/07/2023	28.2	32.9
25/07/2023	28.3	35.3
26/07/2023	28.7	34.2
27/07/2023	28.4	37
28/07/2023	29.3	35.2
29/07/2023	26.5	31.2
30/07/2023	27.2	31.7
31/07/2023	26.3	31.8

NOTE1: The above weather information was obtained from manned weather station of Kai Tak Runway Park. https://i-lens.hk/hkweather/history_chart.php?date=2023-07-01&chart_type=DG_TEMP

Date	Time	Wind Speed (m/s)	Wind Direction												
01/05/2023	0:00	1.3	247.5	02/05/2023	0:00	0.4	135	03/05/2023	0:00	0.9	90	04/05/2023	0:00	0.9	112.5
01/05/2023	1:00	0.4	135	02/05/2023	1:00	0.4	112.5	03/05/2023	1:00	0.4	90	04/05/2023	1:00	1.3	202.5
01/05/2023	2:00	0.4	292.5	02/05/2023	2:00	0.4	112.5	03/05/2023	2:00	0.9	112.5	04/05/2023	2:00	1.3	112.5
01/05/2023	3:00	0.4	90	02/05/2023	3:00	1.3	112.5	03/05/2023	3:00	0.4	112.5	04/05/2023	3:00	1.3	112.5
01/05/2023	4:00	1.3	225	02/05/2023	4:00	0.4	112.5	03/05/2023	4:00	0.4	112.5	04/05/2023	4:00	0.9	67.5
01/05/2023	5:00	1.3	90	02/05/2023	5:00	0.4	135	03/05/2023	5:00	0.4	90	04/05/2023	5:00	0.9	112.5
01/05/2023	6:00	0.9	45	02/05/2023	6:00	0.9	112.5	03/05/2023	6:00	0.4	90	04/05/2023	6:00	1.8	112.5
01/05/2023	7:00	0.9	45	02/05/2023	7:00	0.4	112.5	03/05/2023	7:00	0.9	112.5	04/05/2023	7:00	1.3	90
01/05/2023	8:00	1.3	180	02/05/2023	8:00	0.4	112.5	03/05/2023	8:00	1.3	90	04/05/2023	8:00	1.3	90
01/05/2023	9:00	0.9	45	02/05/2023	9:00	1.3	112.5	03/05/2023	9:00	0.9	270	04/05/2023	9:00	0.9	67.5
01/05/2023	12:00	0.9	67.5	02/05/2023	12:00	1.3	112.5	03/05/2023	12:00	0.9	135	04/05/2023	12:00	1.3	90
01/05/2023	12:00	1.3	90	02/05/2023	12:00	1.3	67.5	03/05/2023	12:00	0.9	112.5	04/05/2023	12:00	1.8	112.5
01/05/2023	12:00	0	247.5	02/05/2023	12:00	0.9	135	03/05/2023	12:00	1.3	135	04/05/2023	12:00	2.2	112.5
01/05/2023	13:00	0.9	202.5	02/05/2023	13:00	0.4	315	03/05/2023	13:00	0.4	112.5	04/05/2023	13:00	1.3	112.5
01/05/2023	14:00	0.4	270	02/05/2023	14:00	0.9	157.5	03/05/2023	14:00	0.9	270	04/05/2023	14:00	0.9	112.5
01/05/2023	15:00	0.4	292.5	02/05/2023	15:00	0.4	45	03/05/2023	15:00	0.4	247.5	04/05/2023	15:00	1.3	90
01/05/2023	16:00	0.4	135	02/05/2023	16:00	0.4	112.5	03/05/2023	16:00	0.9	247.5	04/05/2023	16:00	0.9	112.5
01/05/2023	17:00	0.4	90	02/05/2023	17:00	0.4	135	03/05/2023	17:00	0.9	247.5	04/05/2023	17:00	0.9	90
01/05/2023	18:00	0.4	135	02/05/2023	18:00	0	112.5	03/05/2023	18:00	0.9	135	04/05/2023	18:00	0.9	90
01/05/2023	19:00	0.9	22.5	02/05/2023	19:00	0.4	112.5	03/05/2023	19:00	0.9	112.5	04/05/2023	19:00	0.9	67.5
01/05/2023	20:00	0.9	90	02/05/2023	20:00	0.4	112.5	03/05/2023	20:00	0.9	112.5	04/05/2023	20:00	0.4	112.5
01/05/2023	21:00	0.4	135	02/05/2023	21:00	0.4	112.5	03/05/2023	21:00	1.3	112.5	04/05/2023	21:00	0.4	135
01/05/2023	22:00	0.9	112.5	02/05/2023	22:00	0.9	112.5	03/05/2023	22:00	1.3	112.5	04/05/2023	22:00	0.4	112.5
01/05/2023	23:00	1.3	90	02/05/2023	23:00	0.4	112.5	03/05/2023	23:00	0.4	90	04/05/2023	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
05/05/2023	0:00	1.3	112.5	06/05/2023	0:00	1.3	112.5	07/05/2023	0:00	0.9	135	08/05/2023	0:00	0.9	112.5
05/05/2023	1:00	0.9	90	06/05/2023	1:00	0.4	225	07/05/2023	1:00	0.9	112.5	08/05/2023	1:00	0.9	112.5
05/05/2023	2:00	1.3	90	06/05/2023	2:00	0.4	112.5	07/05/2023	2:00	0.4	135	08/05/2023	2:00	0.9	112.5
05/05/2023	3:00	1.3	135	06/05/2023	3:00	0.9	225	07/05/2023	3:00	0.4	112.5	08/05/2023	3:00	0.4	112.5
05/05/2023	4:00	1.3	112.5	06/05/2023	4:00	0.4	225	07/05/2023	4:00	0.4	112.5	08/05/2023	4:00	0.4	90
05/05/2023	5:00	0.9	112.5	06/05/2023	5:00	0.9	225	07/05/2023	5:00	0.4	135	08/05/2023	5:00	0.9	112.5
05/05/2023	6:00	1.3	112.5	06/05/2023	6:00	0.9	112.5	07/05/2023	6:00	0.9	135	08/05/2023	6:00	0.9	90
05/05/2023	7:00	1.3	45	06/05/2023	7:00	0.9	135	07/05/2023	7:00	0.9	135	08/05/2023	7:00	0.9	90
05/05/2023	8:00	1.8	45	06/05/2023	8:00	0.9	112.5	07/05/2023	8:00	0.9	112.5	08/05/2023	8:00	1.3	112.5
05/05/2023	9:00	1.3	90	06/05/2023	9:00	0.9	90	07/05/2023	9:00	0.4	45	08/05/2023	9:00	1.3	112.5
05/05/2023	12:00	1.3	22.5	06/05/2023	12:00	0.4	135	07/05/2023	12:00	0.4	135	08/05/2023	12:00	0.9	90
05/05/2023	12:00	0.9	112.5	06/05/2023	12:00	0.4	90	07/05/2023	12:00	0.9	45	08/05/2023	12:00	1.3	90
05/05/2023	12:00	1.3	112.5	06/05/2023	12:00	0.9	135	07/05/2023	12:00	0.3	135	08/05/2023	12:00	0.9	112.5
05/05/2023	13:00	0.9	90	06/05/2023	13:00	0.9	90	07/05/2023	13:00	1.3	135	08/05/2023	13:00	0.4	112.5
05/05/2023	14:00	0.9	90	06/05/2023	14:00	0.4	135	07/05/2023	14:00	1.3	45	08/05/2023	14:00	1.3	112.5
05/05/2023	15:00	0.9	45	06/05/2023	15:00	1.3	112.5	07/05/2023	15:00	0.9	112.5	08/05/2023	15:00	0.9	112.5
05/05/2023	16:00	1.3	90	06/05/2023	16:00	1.3	135	07/05/2023	16:00	0.9	90	08/05/2023	16:00	1.3	112.5
05/05/2023	17:00	1.3	22.5	06/05/2023	17:00	1.3	135	07/05/2023	17:00	0.4	135	08/05/2023	17:00	0.9	90
05/05/2023	18:00	1.3	112.5	06/05/2023	18:00	1.3	90	07/05/2023	18:00	0.9	22.5	08/05/2023	18:00	1.3	90
05/05/2023	19:00	0.9	90	06/05/2023	19:00	1.3	135	07/05/2023	19:00	0.9	135	08/05/2023	19:00	0.9	112.5
05/05/2023	20:00	1.3	112.5	06/05/2023	20:00	1.3	135	07/05/2023	20:00	1.3	135	08/05/2023	20:00	0.9	112.5
05/05/2023	21:00	1.3	112.5	06/05/2023	21:00	0.9	67.5	07/05/2023	21:00	1.3	112.5	08/05/2023	21:00	0.9	90
05/05/2023	22:00	0.9	112.5	06/05/2023	22:00	0.9	90	07/05/2023	22:00	0.9	112.5	08/05/2023	22:00	0.9	90
05/05/2023	23:00	0.4	112.5	06/05/2023	23:00	1.3	225	07/05/2023	23:00	1.3	45	08/05/2023	23:00	0.4	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
09/05/2023	0:00	1.8	112.5	10/05/2023	0:00	0.9	112.5	11/05/2023	0:00	0.9	90	12/05/2023	0:00	1.3	90
09/05/2023	1:00	1.3	90	10/05/2023	1:00	0.9	112.5	11/05/2023	1:00	0.4	180	12/05/2023	1:00	1.3	112.5
09/05/2023	2:00	1.3	112.5	10/05/2023	2:00	1.3	202.5	11/05/2023	2:00	0.4	180	12/05/2023	2:00	1.3	112.5
09/05/2023	3:00	0.4	112.5	10/05/2023	3:00	1.3	112.5	11/05/2023	3:00	0.9	112.5	12/05/2023	3:00	0.9	112.5
09/05/2023	4:00	0.4	112.5	10/05/2023	4:00	1.3	112.5	11/05/2023	4:00	0.4	202.5	12/05/2023	4:00	0.9	112.5
09/05/2023	5:00	0.4	247.5	10/05/2023	5:00	0.9	67.5	11/05/2023	5:00	0.4	112.5	12/05/2023	5:00	1.3	112.5
09/05/2023	6:00	0.9	247.5	10/05/2023	6:00	0.9	112.5	11/05/2023	6:00	0.4	180	12/05/2023	6:00	1.3	135
09/05/2023	7:00	0.9	180	10/05/2023	7:00	1.8	112.5	11/05/2023	7:00	0.4	112.5	12/05/2023	7:00	0.9	112.5
09/05/2023	8:00	0.9	247.5	10/05/2023	8:00	1.3	90	11/05/2023	8:00	0.4	112.5	2/05/2023	8:00	0.9	112.5
09/05/2023	9:00	1.3	270	10/05/2023	9:00	1.3	90	11/05/2023	9:00	0.4	112.5	12/05/2023	9:00	1.3	112.5
09/05/2023	12:00	1.3	247.5	10/05/2023	12:00	0.9	67.5	11/05/2023	12:00	0.9	90	12/05/2023	12:00	0.9	112.5
09/05/2023	12:00	0.9	67.5	10/05/2023	12:00	1.3	90	11/05/2023	12:00	1.3	112.5	12/05/2023	12:00	0.9	135
09/05/2023	12:00	0.9	90	10/05/2023	12:00	1.8	112.5	11/05/2023	12:00	1.3	90	12/05/2023	12:00	0.9	112.5
09/05/2023	13:00	0.9	90	10/05/2023	13:00	2.2	112.5	11/05/2023	13:00	1.8	90	12/05/2023	13:00	0.4	135
09/05/2023	14:00	1.3	112.5	10/05/2023	14:00	0.4	90	11/05/2023	14:00	0.9	90	12/05/2023	14:00	0.9	90
09/05/2023	15:00	0.9	90	10/05/2023	15:00	0.9	22.5	11/05/2023	15:00	0.9	45	12/05/2023	15:00	0.9	157.5
09/05/2023	16:00	0.9	90	10/05/2023	16:00	0.9	112.5	11/05/2023	16:00	1.3	45	12/05/2023	16:00	0.9	90
09/05/2023	17:00	1.3	135	10/05/2023	17:00	0.4	112.5	11/05/2023	17:00	0.9	45	12/05/2023	17:00	1.3	112.5
09/05/2023	18:00	0.9	112.5	10/05/2023	18:00	0.4	112.5	11/05/2023	18:00	0.9	135	12/05/2023	18:00	0.9	112.5
09/05/2023	19:00	0.9	112.5	10/05/2023	19:00	1.3	135	11/05/2023	19:00	0.4	112.5	12/05/2023	19:00	1.3	112.5
09/05/2023	20:00	0.9	90	10/05/2023	20:00	0.4	135	11/05/2023	20:00	0.4	90	12/05/2023	20:00	1.3	90
09/05/2023	21:00	0.9	90	10/05/2023	21:00	0.4	112.5	11/05/2023	21:00	0.9	112.5	12/05/2023	21:00	0.9	112.5
09/05/2023	22:00	0.4	112.5	10/05/2023	22:00	0.4	112.5	11/05/2023	22:00	0.4	292.5	12/05/2023	22:00	0.9	135
09/05/2023	23:00	0.4	112.5	10/05/2023	23:00	0.9	112.5	11/05/2023	23:00	0.4	292.5	12/05/2023	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
13/05/2023	0:00	0.9	112.5	14/05/2023	0:00	0.9	45	15/05/2023	0:00	0.4	112.5	16/05/2023	0:00	0.9	67.5
13/05/2023	1:00	0.9	135	14/05/2023	1:00	0.9	67.5	15/05/2023	1:00	0.4	112.5	16/05/2023	1:00	1.3	45
13/05/2023	2:00	0.9	135	14/05/2023	2:00	0.9	112.5	15/05/2023	2:00	0.4	112.5	16/05/2023	2:00	1.3	22.5
13/05/2023	3:00	0.9	112.5	14/05/2023	3:00	1.3	135	15/05/2023	3:00	0.4	112.5	16/05/2023	3:00	1.3	22.5
13/05/2023	4:00	0.9	135	14/05/2023	4:00	0.4	135	15/05/2023	4:00	0.9	90	16/05/2023	4:00	0.9	22.5
13/05/2023	5:00	0.9	135	14/05/2023	5:00	0.9	135	15/05/2023	5:00	0.4	90	16/05/2023	5:00	0.9	247.5
13/05/2023	6:00	1.3	112.5	14/05/2023	6:00	0.9	135	15/05/2023	6:00	0.4	90	16/05/2023	6:00	0.9	45
13/05/2023	7:00	1.8	112.5	14/05/2023	7:00	0.9	112.5	15/05/2023	7:00	0.9	90	16/05/2023	7:00	1.3	45
13/05/2023	8:00	1.3	112.5	14/05/2023	8:00	0.9	67.5	15/05/2023	8:00	0.9	90	16/05/2023	8:00	0.9	45
13/05/2023	9:00	1.3	112.5	14/05/2023	9:00	0.4	135	15/05/2023	9:00	0.4	90	16/05/2023	9:00	0.9	90
13/05/2023	12:00	0.4	22.5	14/05/2023	12:00	0.9	157.5	15/05/2023	12:00	0.9	112.5	16/05/2023	12:00	1.3	90
13/05/2023	12:00	0.4	135	14/05/2023	12:00	0.4	22.5	15/05/2023	12:00	0.4	112.5	16/05/2023	12:00	0.4	112.5
13/05/2023	12:00	0.9	112.5	14/05/2023	12:00	0.4	22.5	15/05/2023	12:00	1.8	67.5	16/05/2023	12:00	0.4	112.5
13/05/2023	13:00	0.9	135	14/05/2023	13:00	1.3	225	15/05/2023	13:00	1.3	90	16/05/2023	13:00	0.9	90
13/05/2023	14:00	0.4	135	14/05/2023	14:00	0.9	202.5	15/05/2023	14:00	0.9	112.5	16/05/2023	14:00	1.3	90
13/05/2023	15:00	0.9	112.5	14/05/2023	15:00	0.9	157.5	15/05/2023	15:00	1.3	112.5	16/05/2023	15:00	0.9	135
13/05/2023	16:00	0.9	180	14/05/2023	16:00	1.3	90	15/05/2023	16:00	0.9	135	16/05/2023	16:00	0.4	112.5
13/05/2023	17:00	1.3	45	14/05/2023	17:00	2.2	90	15/05/2023	17:00	0.9	90	16/05/2023	17:00	0.4	112.5
13/05/2023	18:00	0.9	112.5	14/05/2023	18:00	1.3	22.5	15/05/2023	18:00	1.3	112.5	16/05/2023	18:00	0	112.5
13/05/2023	19:00	1.3	112.5	14/05/2023	19:00	1.3	112.5	15/05/2023	19:00	1.3	112.5	16/05/2023	19:00	0.4	112.5
13/05/2023	20:00	0.9	292.5	14/05/2023	20:00	1.3	67.5	15/05/2023	20:00	1.3	135	16/05/2023	20:00	0.9	135
13/05/2023	21:00	0.9	112.5	14/05/2023	21:00	1.8	67.5	15/05/2023	21:00	1.3	135	16/05/2023	21:00	0.4	112.5
13/05/2023	22:00	1.3	45	14/05/2023	22:00	1.3	45	15/05/2023	22:00	1.8	112.5	16/05/2023	22:00	0	112.5
13/05/2023	23:00	1.3	135	14/05/2023	23:00	1.3	270	15/05/2023	23:00	0.9	90	16/05/2023	23:00	0.4	135

Date	Time	Wind Speed (m/s)	Wind Direction												
17/05/2023	0:00	0.4	112.5	18/05/2023	0:00	0.4	45	19/05/2023	0:00	0.9	67.5	20/05/2023	0:00	1.3	135
17/05/2023	1:00	0.9	112.5	18/05/2023	1:00	0.9	90	19/05/2023	1:00	1.3	135	20/05/2023	1:00	0.9	112.5
17/05/2023	2:00	0.9	112.5	18/05/2023	2:00	0.4	112.5	19/05/2023	2:00	0.9	135	20/05/2023	2:00	0.9	135
17/05/2023	3:00	0.4	112.5	18/05/2023	3:00	0.9	90	19/05/2023	3:00	0.9	135	20/05/2023	3:00	1.3	202.5
17/05/2023	4:00	0.4	112.5	18/05/2023	4:00	0.4	112.5	19/05/2023	4:00	0.4	135	20/05/2023	4:00	0.9	112.5
17/05/2023	5:00	0.4	112.5	18/05/2023	5:00	0.4	45	19/05/2023	5:00	0.9	135	20/05/2023	5:00	0.9	90
17/05/2023	6:00	0.4	90	18/05/2023	6:00	0.9	112.5	19/05/2023	6:00	0.4	112.5	20/05/2023	6:00	0.9	112.5
17/05/2023	7:00	0.4	90	18/05/2023	7:00	0.4	90	19/05/2023	7:00	0.4	90	20/05/2023	7:00	0.9	45
17/05/2023	8:00	0.4	90	18/05/2023	8:00	0.4	90	19/05/2023	8:00	0.4	112.5	20/05/2023	8:00	0.9	67.5
17/05/2023	9:00	0.4	180	18/05/2023	9:00	1.8	45	19/05/2023	9:00	0.4	112.5	20/05/2023	9:00	0.9	112.5
17/05/2023	12:00	0.4	112.5	18/05/2023	12:00	0.9	45	19/05/2023	12:00	0.4	112.5	20/05/2023	12:00	1.3	135
17/05/2023	12:00	0.9	90	18/05/2023	12:00	0.9	90	19/05/2023	12:00	0.4	112.5	20/05/2023	12:00	0.4	135
17/05/2023	12:00	0.9	112.5	18/05/2023	12:00	0.4	45	19/05/2023	12:00	0.9	90	20/05/2023	12:00	0.9	135
17/05/2023	13:00	0.4	112.5	18/05/2023	13:00	0.9	90	19/05/2023	13:00	0.4	90	20/05/2023	13:00	0.9	135
17/05/2023	14:00	1.3	90	18/05/2023	14:00	0.4	112.5	19/05/2023	14:00	0.4	90	20/05/2023	14:00	0.9	112.5
17/05/2023	15:00	0.9	112.5	18/05/2023	15:00	0.9	90	19/05/2023	15:00	1.8	67.5	20/05/2023	15:00	1.3	157.5
17/05/2023	16:00	1.3	112.5	18/05/2023	16:00	0.4	112.5	19/05/2023	16:00	1.3	90	20/05/2023	16:00	1.8	90
17/05/2023	17:00	1.3	90	18/05/2023	17:00	0.9	67.5	19/05/2023	17:00	1.3	45	20/05/2023	17:00	1.8	90
17/05/2023	18:00	0.9	112.5	18/05/2023	18:00	0.4	90	19/05/2023	18:00	0.4	135	20/05/2023	18:00	2.2	45
17/05/2023	19:00	0.9	135	18/05/2023	19:00	0.9	112.5	19/05/2023	19:00	0.4	67.5	20/05/2023	19:00	1.3	112.5
17/05/2023	20:00	0.9	112.5	18/05/2023	20:00	0.4	112.5	19/05/2023	20:00	0.9	90	20/05/2023	20:00	1.3	112.5
17/05/2023	21:00	0.9	112.5	18/05/2023	21:00	0.4	112.5	19/05/2023	21:00	1.3	90	20/05/2023	21:00	0.9	90
17/05/2023	22:00	1.3	112.5	18/05/2023	22:00	0.4	337.5	19/05/2023	22:00	1.3	90	20/05/2023	22:00	0.9	112.5
17/05/2023	23:00	0.9	112.5	18/05/2023	23:00	1.3	22.5	19/05/2023	23:00	1.3	112.5	20/05/2023	23:00	0.9	337.5

Date	Time	Wind Speed (m/s)	Wind Direction												
21/05/2023	0:00	1.3	112.5	22/05/2023	0:00	0.9	112.5	23/05/2023	0:00	0.4	22.5	24/05/2023	0:00	0.9	135
21/05/2023	1:00	1.3	112.5	22/05/2023	1:00	0.4	135	23/05/2023	1:00	0.4	45	24/05/2023	1:00	1.3	67.5
21/05/2023	2:00	0.9	135	22/05/2023	2:00	0.4	135	23/05/2023	2:00	0.9	135	24/05/2023	2:00	1.3	157.5
21/05/2023	3:00	0.9	112.5	22/05/2023	3:00	0.4	135	23/05/2023	3:00	0.9	112.5	24/05/2023	3:00	0.9	67.5
21/05/2023	4:00	1.3	112.5	22/05/2023	4:00	0.9	225	23/05/2023	4:00	1.3	135	24/05/2023	4:00	1.3	112.5
21/05/2023	5:00	0.9	135	22/05/2023	5:00	0.9	112.5	23/05/2023	5:00	1.3	135	24/05/2023	5:00	0.9	112.5
21/05/2023	6:00	0.9	90	22/05/2023	6:00	0.4	112.5	23/05/2023	6:00	0.9	22.5	24/05/2023	6:00	1.3	22.5
21/05/2023	7:00	1.3	112.5	22/05/2023	7:00	0.4	112.5	23/05/2023	7:00	0.4	112.5	24/05/2023	7:00	1.3	45
21/05/2023	8:00	1.3	112.5	22/05/2023	8:00	0.9	90	23/05/2023	8:00	0.4	112.5	24/05/2023	8:00	0.9	315
21/05/2023	9:00	1.3	135	22/05/2023	9:00	1.3	90	23/05/2023	9:00	1.3	112.5	24/05/2023	9:00	0.9	112.5
21/05/2023	12:00	1.3	135	22/05/2023	12:00	0.4	90	23/05/2023	12:00	0.9	112.5	24/05/2023	12:00	0.9	135
21/05/2023	12:00	1.8	112.5	22/05/2023	12:00	0.4	112.5	23/05/2023	12:00	0.4	112.5	24/05/2023	12:00	1.3	112.5
21/05/2023	12:00	0.9	90	22/05/2023	12:00	0.9	112.5	23/05/2023	12:00	0.9	22.5	24/05/2023	12:00	0.9	112.5
21/05/2023	13:00	1.3	135	22/05/2023	13:00	1.3	112.5	23/05/2023	13:00	0.4	22.5	24/05/2023	13:00	1.3	112.5
21/05/2023	14:00	0.9	90	22/05/2023	14:00	0.9	112.5	23/05/2023	14:00	1.3	90	24/05/2023	14:00	0.9	112.5
21/05/2023	15:00	0.4	90	22/05/2023	15:00	0.4	135	23/05/2023	15:00	1.3	112.5	24/05/2023	15:00	1.3	22.5
21/05/2023	16:00	0.9	90	22/05/2023	16:00	0.4	135	23/05/2023	16:00	0.4	22.5	24/05/2023	16:00	1.8	22.5
21/05/2023	17:00	1.3	135	22/05/2023	17:00	0.4	135	23/05/2023	17:00	0.4	45	24/05/2023	17:00	1.3	45
21/05/2023	18:00	1.8	135	22/05/2023	18:00	0.9	225	23/05/2023	18:00	0.9	135	24/05/2023	18:00	1.3	45
21/05/2023	19:00	1.3	112.5	22/05/2023	19:00	0.9	112.5	23/05/2023	19:00	0.9	112.5	24/05/2023	19:00	0.4	112.5
21/05/2023	20:00	1.3	90	22/05/2023	20:00	0.4	112.5	23/05/2023	20:00	1.3	135	24/05/2023	20:00	0.9	67.5
21/05/2023	21:00	1.3	90	22/05/2023	21:00	0.4	112.5	23/05/2023	21:00	1.3	135	24/05/2023	21:00	0.9	0
21/05/2023	22:00	1.3	112.5	22/05/2023	22:00	0.9	90	23/05/2023	22:00	0.9	22.5	24/05/2023	22:00	0.9	45
21/05/2023	23:00	1.3	112.5	22/05/2023	23:00	1.3	90	23/05/2023	23:00	0.4	112.5	24/05/2023	23:00	0.4	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
25/05/2023	0:00	0.4	247.5	26/05/2023	0:00	0.4	112.5	27/05/2023	0:00	0.9	112.5	28/05/2023	0:00	0.4	112.5
25/05/2023	1:00	0.4	225	26/05/2023	1:00	0.4	112.5	27/05/2023	1:00	0.9	112.5	28/05/2023	1:00	0.9	112.5
25/05/2023	2:00	0.9	247.5	26/05/2023	2:00	0.9	112.5	27/05/2023	2:00	0.9	90	28/05/2023	2:00	0.9	112.5
25/05/2023	3:00	0.9	225	26/05/2023	3:00	0.9	112.5	27/05/2023	3:00	0.9	112.5	28/05/2023	3:00	0.9	90
25/05/2023	4:00	0.9	90	26/05/2023	4:00	0.9	67.5	27/05/2023	4:00	0.9	112.5	28/05/2023	4:00	0.9	112.5
25/05/2023	5:00	0.4	112.5	26/05/2023	5:00	1.3	67.5	27/05/2023	5:00	1.8	112.5	28/05/2023	5:00	0.9	112.5
25/05/2023	6:00	0.9	225	26/05/2023	6:00	1.3	90	27/05/2023	6:00	1.8	22.5	28/05/2023	6:00	1.8	112.5
25/05/2023	7:00	0.9	247.5	26/05/2023	7:00	0.9	112.5	27/05/2023	7:00	1.3	112.5	28/05/2023	7:00	1.8	22.5
25/05/2023	8:00	0.9	112.5	26/05/2023	8:00	1.3	90	27/05/2023	8:00	0.9	90	28/05/2023	8:00	1.3	112.5
25/05/2023	9:00	1.3	247.5	26/05/2023	9:00	0.9	67.5	27/05/2023	9:00	0.9	135	28/05/2023	9:00	0.9	90
25/05/2023	12:00	0.9	270	26/05/2023	12:00	0.9	67.5	27/05/2023	12:00	1.3	112.5	28/05/2023	12:00	0.9	135
25/05/2023	12:00	0.9	247.5	26/05/2023	12:00	1.3	67.5	27/05/2023	12:00	0.9	112.5	28/05/2023	12:00	1.3	112.5
25/05/2023	12:00	0.9	247.5	26/05/2023	12:00	0.9	90	27/05/2023	12:00	0.4	90	28/05/2023	12:00	0.9	112.5
25/05/2023	13:00	0.9	270	26/05/2023	13:00	0.9	90	27/05/2023	13:00	0.4	112.5	28/05/2023	13:00	0.4	90
25/05/2023	14:00	1.3	90	26/05/2023	14:00	0.9	135	27/05/2023	14:00	0.9	112.5	28/05/2023	14:00	0.9	112.5
25/05/2023	15:00	0.4	225	26/05/2023	15:00	0.4	135	27/05/2023	15:00	0.4	112.5	28/05/2023	15:00	0.9	292.5
25/05/2023	16:00	0.9	22.5	26/05/2023	16:00	0.4	90	27/05/2023	16:00	0.9	112.5	28/05/2023	16:00	0.9	45
25/05/2023	17:00	1.3	67.5	26/05/2023	17:00	0.9	90	27/05/2023	17:00	0.9	112.5	28/05/2023	17:00	0.4	67.5
25/05/2023	18:00	1.8	135	26/05/2023	18:00	0.4	135	27/05/2023	18:00	0.9	90	28/05/2023	18:00	0.9	22.5
25/05/2023	19:00	1.3	112.5	26/05/2023	19:00	0.4	135	27/05/2023	19:00	0.9	112.5	28/05/2023	19:00	0.9	157.5
25/05/2023	20:00	1.3	247.5	26/05/2023	20:00	0.9	112.5	27/05/2023	20:00	0.9	112.5	28/05/2023	20:00	0.9	67.5
25/05/2023	21:00	1.3	270	26/05/2023	21:00	0.9	90	27/05/2023	21:00	1.8	112.5	28/05/2023	21:00	0.4	135
25/05/2023	22:00	1.3	247.5	26/05/2023	22:00	1.3	112.5	27/05/2023	22:00	1.8	22.5	28/05/2023	22:00	0.9	90
25/05/2023	23:00	0.9	247.5	26/05/2023	23:00	0.9	112.5	27/05/2023	23:00	1.3	112.5	28/05/2023	23:00	0.9	157.5

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
29/05/2023	0:00	0.9	67.5	30/05/2023	0:00	0.4	202.5	31/05/2023	0:00	0.9	90				
29/05/2023	1:00	1.3	90	30/05/2023	1:00	0.9	90	31/05/2023	1:00	0.4	112.5				
29/05/2023	2:00	1.3	90	30/05/2023	2:00	0.9	112.5	31/05/2023	2:00	0.9	225				
29/05/2023	3:00	0.9	90	30/05/2023	3:00	0.4	112.5	31/05/2023	3:00	0.9	247.5				
29/05/2023	4:00	0.4	90	30/05/2023	4:00	0.9	135	31/05/2023	4:00	0.9	112.5				
29/05/2023	5:00	0.9	45	30/05/2023	5:00	0.4	112.5	31/05/2023	5:00	1.3	247.5				
29/05/2023	6:00	0.4	135	30/05/2023	6:00	0.9	112.5	31/05/2023	6:00	0.9	270				
29/05/2023	7:00	0.4	135	30/05/2023	7:00	0.9	112.5	31/05/2023	7:00	0.9	112.5				
29/05/2023	8:00	0.4	112.5	30/05/2023	8:00	1.3	112.5	31/05/2023	8:00	0.9	112.5				
29/05/2023	9:00	0.9	22.5	30/05/2023	9:00	0.4	90	31/05/2023	9:00	0.9	112.5				
29/05/2023	12:00	0.9	90	30/05/2023	12:00	0.4	112.5	31/05/2023	12:00	1.3	225				
29/05/2023	12:00	0.4	225	30/05/2023	12:00	0.4	45	31/05/2023	12:00	0.4	112.5				
29/05/2023	12:00	0.4	67.5	30/05/2023	12:00	0.9	135	31/05/2023	12:00	0.9	135				
29/05/2023	13:00	0.4	135	30/05/2023	13:00	0.9	135	31/05/2023	13:00	0.9	135				
29/05/2023	14:00	1.3	112.5	30/05/2023	14:00	0.9	90	31/05/2023	14:00	0.9	90				
29/05/2023	15:00	0.4	202.5	30/05/2023	15:00	1.3	90	31/05/2023	15:00	0.4	90				
29/05/2023	16:00	0.9	90	30/05/2023	16:00	1.3	112.5	31/05/2023	16:00	0.9	135				
29/05/2023	17:00	0.9	112.5	30/05/2023	17:00	1.8	67.5	31/05/2023	17:00	0.9	135				
29/05/2023	18:00	0.4	112.5	30/05/2023	18:00	1.8	112.5	31/05/2023	18:00	0.9	112.5				
29/05/2023	19:00	0.9	135	30/05/2023	19:00	0.4	112.5	31/05/2023	19:00	0.9	135				
29/05/2023	20:00	0.4	112.5	30/05/2023	20:00	0.9	112.5	31/05/2023	20:00	1.8	135				
29/05/2023	21:00	0.9	112.5	30/05/2023	21:00	0.9	112.5	31/05/2023	21:00	1.8	135				
29/05/2023	22:00	0.9	112.5	30/05/2023	22:00	0.9	112.5	31/05/2023	22:00	1.3	90				
29/05/2023	23:00	1.3	112.5	30/05/2023	23:00	0.4	157.5	31/05/2023	23:00	0.9	90				

Date	Time	Wind Speed (m/s)	Wind Direction												
01/06/2023	0:00	1.3	247.5	02/06/2023	0:00	0.4	135	03/06/2023	0:00	0.9	90	04/06/2023	0:00	1.3	112.5
01/06/2023	1:00	0.4	135	02/06/2023	1:00	0.4	112.5	03/06/2023	1:00	0.4	90	04/06/2023	1:00	0.9	202.5
01/06/2023	2:00	0.4	292.5	02/06/2023	2:00	0.4	112.5	03/06/2023	2:00	0.9	112.5	04/06/2023	2:00	1.3	112.5
01/06/2023	3:00	1.3	90	02/06/2023	3:00	1.3	112.5	03/06/2023	3:00	0.4	112.5	04/06/2023	3:00	1.8	112.5
01/06/2023	4:00	0.9	225	02/06/2023	4:00	0.4	112.5	03/06/2023	4:00	0.4	112.5	04/06/2023	4:00	2.2	112.5
01/06/2023	5:00	0.9	112.5	02/06/2023	5:00	0.4	135	03/06/2023	5:00	0.4	90	04/06/2023	5:00	1.3	90
01/06/2023	6:00	1.3	112.5	02/06/2023	6:00	0.9	45	03/06/2023	6:00	0.4	90	04/06/2023	6:00	0.9	90
01/06/2023	7:00	0	135	02/06/2023	7:00	0.4	67.5	03/06/2023	7:00	0.9	112.5	04/06/2023	7:00	1.3	112.5
01/06/2023	8:00	0.9	135	02/06/2023	8:00	0.4	90	03/06/2023	8:00	1.3	90	04/06/2023	8:00	1.3	90
01/06/2023	9:00	0.4	135	02/06/2023	9:00	1.3	247.5	03/06/2023	9:00	0.9	270	04/06/2023	9:00	0.9	270
01/06/2023	10:00	0.4	135	02/06/2023	10:00	1.3	202.5	03/06/2023	10:00	0.9	135	04/06/2023	10:00	1.3	135
01/06/2023	11:00	1.3	135	02/06/2023	11:00	1.3	270	03/06/2023	11:00	0.9	112.5	04/06/2023	11:00	1.8	112.5
01/06/2023	12:00	0	112.5	02/06/2023	12:00	0.9	292.5	03/06/2023	12:00	1.3	135	04/06/2023	12:00	2.2	112.5
01/06/2023	13:00	0.9	112.5	02/06/2023	13:00	0.4	135	03/06/2023	13:00	0.4	247.5	04/06/2023	13:00	1.3	112.5
01/06/2023	14:00	0.4	112.5	02/06/2023	14:00	0.9	90	03/06/2023	14:00	0.9	247.5	04/06/2023	14:00	0.9	90
01/06/2023	15:00	0.4	112.5	02/06/2023	15:00	0.4	135	03/06/2023	15:00	0.4	247.5	04/06/2023	15:00	1.3	112.5
01/06/2023	16:00	1.3	112.5	02/06/2023	16:00	0.4	22.5	03/06/2023	16:00	0.9	135	04/06/2023	16:00	0.9	90
01/06/2023	17:00	1.3	112.5	02/06/2023	17:00	0.4	135	03/06/2023	17:00	0.9	67.5	04/06/2023	17:00	0.9	90
01/06/2023	18:00	0.9	135	02/06/2023	18:00	0	112.5	03/06/2023	18:00	0.9	112.5	04/06/2023	18:00	0.9	112.5
01/06/2023	19:00	0.9	22.5	02/06/2023	19:00	0.4	112.5	03/06/2023	19:00	0.9	135	04/06/2023	19:00	0.9	112.5
01/06/2023	20:00	1.3	90	02/06/2023	20:00	0.4	112.5	03/06/2023	20:00	0.9	112.5	04/06/2023	20:00	0.4	90
01/06/2023	21:00	0.9	135	02/06/2023	21:00	0.4	112.5	03/06/2023	21:00	1.3	112.5	04/06/2023	21:00	0.4	90
01/06/2023	22:00	0.9	112.5	02/06/2023	22:00	0.9	112.5	03/06/2023	22:00	1.3	112.5	04/06/2023	22:00	0.4	112.5
01/06/2023	23:00	1.3	90	02/06/2023	23:00	0.4	112.5	03/06/2023	23:00	0.4	90	04/06/2023	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
05/06/2023	0:00	1.3	112.5	06/06/2023	0:00	1.3	112.5	07/06/2023	0:00	0.9	135	08/06/2023	0:00	0.9	112.5
05/06/2023	1:00	0.9	90	06/06/2023	1:00	0.4	225	07/06/2023	1:00	0.9	112.5	08/06/2023	1:00	0.9	112.5
05/06/2023	2:00	1.3	90	06/06/2023	2:00	0.4	112.5	07/06/2023	2:00	0.4	135	08/06/2023	2:00	0.9	90
05/06/2023	3:00	0.9	135	06/06/2023	3:00	0.9	225	07/06/2023	3:00	0.4	112.5	08/06/2023	3:00	0.4	270
05/06/2023	4:00	0.4	112.5	06/06/2023	4:00	0.4	225	07/06/2023	4:00	1.3	112.5	08/06/2023	4:00	0.4	135
05/06/2023	5:00	0.4	112.5	06/06/2023	5:00	1.3	225	07/06/2023	5:00	0.9	135	08/06/2023	5:00	0.9	112.5
05/06/2023	6:00	0.9	112.5	06/06/2023	6:00	0.9	112.5	07/06/2023	6:00	0.9	135	08/06/2023	6:00	0.9	112.5
05/06/2023	7:00	0.3	45	06/06/2023	7:00	1.3	135	07/06/2023	7:00	0.9	135	08/06/2023	7:00	0.9	112.5
05/06/2023	8:00	1.3	45	06/06/2023	8:00	1.3	112.5	07/06/2023	8:00	1.3	112.5	08/06/2023	8:00	1.3	90
05/06/2023	9:00	1.3	90	06/06/2023	9:00	1.8	90	07/06/2023	9:00	0.4	45	08/06/2023	9:00	1.3	112.5
05/06/2023	10:00	0.9	22.5	06/06/2023	10:00	1.3	135	07/06/2023	10:00	0.9	135	08/06/2023	10:00	0.9	135
05/06/2023	11:00	0.9	112.5	06/06/2023	11:00	0.9	90	07/06/2023	11:00	0.4	45	08/06/2023	11:00	1.3	247.5
05/06/2023	12:00	0.4	112.5	06/06/2023	12:00	0.4	135	07/06/2023	12:00	0.9	135	08/06/2023	12:00	0.9	247.5
05/06/2023	13:00	0.4	90	06/06/2023	13:00	0.9	90	07/06/2023	13:00	0.9	135	08/06/2023	13:00	0.4	247.5
05/06/2023	14:00	1.3	90	06/06/2023	14:00	0.4	135	07/06/2023	14:00	1.3	45	08/06/2023	14:00	1.3	135
05/06/2023	15:00	0.9	45	06/06/2023	15:00	0.4	135	07/06/2023	15:00	0.9	112.5	08/06/2023	15:00	0.9	67.5
05/06/2023	16:00	1.3	90	06/06/2023	16:00	0.4	247.5	07/06/2023	16:00	0.9	90	08/06/2023	16:00	0.9	112.5
05/06/2023	17:00	1.3	22.5	06/06/2023	17:00	0	247.5	07/06/2023	17:00	0.4	135	08/06/2023	17:00	0.9	135
05/06/2023	18:00	1.8	112.5	06/06/2023	18:00	0.4	247.5	07/06/2023	18:00	0.9	22.5	08/06/2023	18:00	0.9	112.5
05/06/2023	19:00	0.9	90	06/06/2023	19:00	1.3	135	07/06/2023	19:00	0.9	135	08/06/2023	19:00	0.4	112.5
05/06/2023	20:00	1.3	112.5	06/06/2023	20:00	1.3	67.5	07/06/2023	20:00	1.3	135	08/06/2023	20:00	0.4	112.5
05/06/2023	21:00	1.3	112.5	06/06/2023	21:00	0.9	112.5	07/06/2023	21:00	1.3	112.5	08/06/2023	21:00	0.9	90
05/06/2023	22:00	0.9	112.5	06/06/2023	22:00	0.9	135	07/06/2023	22:00	0.9	112.5	08/06/2023	22:00	0.9	90
05/06/2023	23:00	0.4	112.5	06/06/2023	23:00	1.3	112.5	07/06/2023	23:00	1.3	45	08/06/2023	23:00	0.4	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
09/06/2023	0:00	0.4	112.5	10/06/2023	0:00	0.9	112.5	11/06/2023	0:00	0.9	90	12/06/2023	0:00	0.9	90
09/06/2023	1:00	0.4	90	10/06/2023	1:00	0.9	112.5	11/06/2023	1:00	0.4	180	12/06/2023	1:00	1.3	112.5
09/06/2023	2:00	1.3	112.5	10/06/2023	2:00	1.3	112.5	11/06/2023	2:00	0.4	180	12/06/2023	2:00	0.9	247.5
09/06/2023	3:00	1.3	90	10/06/2023	3:00	1.3	90	11/06/2023	3:00	0.9	112.5	12/06/2023	3:00	0.4	247.5
09/06/2023	4:00	0.9	90	10/06/2023	4:00	1.3	22.5	11/06/2023	4:00	0.9	202.5	12/06/2023	4:00	1.3	135
09/06/2023	5:00	0.9	45	10/06/2023	5:00	0.9	90	11/06/2023	5:00	1.8	112.5	12/06/2023	5:00	0.9	67.5
09/06/2023	6:00	1.3	90	10/06/2023	6:00	0.9	90	11/06/2023	6:00	1.8	180	12/06/2023	6:00	0.9	67.5
09/06/2023	7:00	0.9	22.5	10/06/2023	7:00	1.8	90	11/06/2023	7:00	1.8	112.5	12/06/2023	7:00	0.9	67.5
09/06/2023	8:00	0.9	112.5	10/06/2023	8:00	2.2	90	11/06/2023	8:00	1.8	112.5	12/06/2023	8:00	0.9	112.5
09/06/2023	9:00	1.3	90	10/06/2023	9:00	1.3	90	11/06/2023	9:00	1.8	112.5	12/06/2023	9:00	0.4	135
09/06/2023	10:00	1.3	247.5	10/06/2023	10:00	1.8	67.5	11/06/2023	10:00	1.8	90	12/06/2023	10:00	0.4	112.5
09/06/2023	11:00	0.9	67.5	10/06/2023	11:00	0.9	90	11/06/2023	11:00	1.8	112.5	12/06/2023	11:00	0.9	135
09/06/2023	12:00	0.9	67.5	10/06/2023	12:00	0.9	112.5	11/06/2023	12:00	0.9	90	12/06/2023	12:00	0.9	112.5
09/06/2023	13:00	0.9	67.5	10/06/2023	13:00	1.3	112.5	11/06/2023	13:00	0.9	90	12/06/2023	13:00	0.4	135
09/06/2023	14:00	1.3	67.5	10/06/2023	14:00	0.9	90	11/06/2023	14:00	0.9	90	12/06/2023	14:00	0.9	90
09/06/2023	15:00	0.9	67.5	10/06/2023	15:00	0.9	22.5	11/06/2023	15:00	1.3	45	12/06/2023	15:00	0.9	157.5
09/06/2023	16:00	0.9	90	10/06/2023	16:00	0.9	112.5	11/06/2023	16:00	1.3	45	12/06/2023	16:00	0.9	90
09/06/2023	17:00	1.3	135	10/06/2023	17:00	0.9	112.5	11/06/2023	17:00	0.9	45	12/06/2023	17:00	1.3	112.5
09/06/2023	18:00	0.9	112.5	10/06/2023	18:00	0.4	112.5	11/06/2023	18:00	0.9	135	12/06/2023	18:00	0.9	112.5
09/06/2023	19:00	0.9	112.5	10/06/2023	19:00	0.9	135	11/06/2023	19:00	0.4	112.5	12/06/2023	19:00	1.3	112.5
09/06/2023	20:00	0.9	90	10/06/2023	20:00	0.4	135	11/06/2023	20:00	0.4	90	12/06/2023	20:00	1.3	90
09/06/2023	21:00	0.9	90	10/06/2023	21:00	0.4	112.5	11/06/2023	21:00	0.9	112.5	12/06/2023	21:00	0.9	112.5
09/06/2023	22:00	0.4	112.5	10/06/2023	22:00	0.4	112.5	11/06/2023	22:00	0.4	292.5	12/06/2023	22:00	0.9	135
09/06/2023	23:00	0.4	112.5	10/06/2023	23:00	0.9	112.5	11/06/2023	23:00	0.4	292.5	12/06/2023	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
13/06/2023	0:00	0.9	112.5	14/06/2023	0:00	0.9	112.5	15/06/2023	0:00	0.4	112.5	16/06/2023	0:00	0.9	67.5
13/06/2023	1:00	0.9	135	14/06/2023	1:00	0.9	112.5	15/06/2023	1:00	0.9	112.5	16/06/2023	1:00	1.3	45
13/06/2023	2:00	0.9	135	14/06/2023	2:00	0.9	90	15/06/2023	2:00	0.4	112.5	16/06/2023	2:00	1.3	22.5
13/06/2023	3:00	0.9	112.5	14/06/2023	3:00	1.3	112.5	15/06/2023	3:00	1.8	112.5	16/06/2023	3:00	1.3	22.5
13/06/2023	4:00	1.3	135	14/06/2023	4:00	1.3	135	15/06/2023	4:00	1.3	90	16/06/2023	4:00	0.9	22.5
13/06/2023	5:00	0.9	90	14/06/2023	5:00	1.3	112.5	15/06/2023	5:00	0.9	90	16/06/2023	5:00	0.9	247.5
13/06/2023	6:00	0.9	22.5	14/06/2023	6:00	1.3	135	15/06/2023	6:00	1.3	90	16/06/2023	6:00	0.9	45
13/06/2023	7:00	1.3	112.5	14/06/2023	7:00	0.9	112.5	15/06/2023	7:00	0.9	90	16/06/2023	7:00	0.9	45
13/06/2023	8:00	0.9	90	14/06/2023	8:00	0.9	67.5	15/06/2023	8:00	0.9	90	16/06/2023	8:00	0.9	45
13/06/2023	9:00	0.9	247.5	14/06/2023	9:00	0.4	135	15/06/2023	9:00	1.3	67.5	16/06/2023	9:00	0.9	90
13/06/2023	10:00	0.9	67.5	14/06/2023	10:00	0.9	157.5	15/06/2023	10:00	1.3	112.5	16/06/2023	10:00	0.9	90
13/06/2023	11:00	0.9	135	14/06/2023	11:00	0.9	22.5	15/06/2023	11:00	0.4	112.5	16/06/2023	11:00	0.9	112.5
13/06/2023	12:00	0.9	112.5	14/06/2023	12:00	1.8	90	15/06/2023	12:00	1.8	67.5	16/06/2023	12:00	0.4	112.5
13/06/2023	13:00	0.9	135	14/06/2023	13:00	2.2	22.5	15/06/2023	13:00	1.3	67.5	16/06/2023	13:00	0.9	90
13/06/2023	14:00	0.4	135	14/06/2023	14:00	1.3	112.5	15/06/2023	14:00	0.9	67.5	16/06/2023	14:00	1.3	90
13/06/2023	15:00	0.9	112.5	14/06/2023	15:00	1.8	90	15/06/2023	15:00	1.3	67.5	16/06/2023	15:00	0.9	135
13/06/2023	16:00	0.4	180	14/06/2023	16:00	1.3	247.5	15/06/2023	16:00	0.9	135	16/06/2023	16:00	0.4	112.5
13/06/2023	17:00	0.4	45	14/06/2023	17:00	2.2	67.5	15/06/2023	17:00	0.9	67.5	16/06/2023	17:00	0.4	45
13/06/2023	18:00	0.4	112.5	14/06/2023	18:00	1.3	22.5	15/06/2023	18:00	1.3	112.5	16/06/2023	18:00	0.4	45
13/06/2023	19:00	0.4	112.5	14/06/2023	19:00	1.3	112.5	15/06/2023	19:00	1.3	135	16/06/2023	19:00	0.4	90
13/06/2023	20:00	0.4	292.5	14/06/2023	20:00	0.9	67.5	15/06/2023	20:00	1.3	112.5	16/06/2023	20:00	0.9	90
13/06/2023	21:00	0.4	112.5	14/06/2023	21:00	1.8	67.5	15/06/2023	21:00	1.3	135	16/06/2023	21:00	0.4	112.5
13/06/2023	22:00	1.3	45	14/06/2023	22:00	1.3	45	15/06/2023	22:00	1.8	112.5	16/06/2023	22:00	0	112.5
13/06/2023	23:00	1.3	135	14/06/2023	23:00	1.3	270	15/06/2023	23:00	0.9	90	16/06/2023	23:00	0.4	135

Date	Time	Wind Speed (m/s)	Wind Direction												
17/06/2023	0:00	0.4	67.5	18/06/2023	0:00	0.9	270	19/06/2023	0:00	0.9	67.5	20/06/2023	0:00	0.9	247.5
17/06/2023	1:00	0.9	67.5	18/06/2023	1:00	0.4	90	19/06/2023	1:00	1.3	135	20/06/2023	1:00	0.4	45
17/06/2023	2:00	0.9	67.5	18/06/2023	2:00	0.9	112.5	19/06/2023	2:00	0.9	22.5	20/06/2023	2:00	0.9	45
17/06/2023	3:00	0.9	67.5	18/06/2023	3:00	0.9	90	19/06/2023	3:00	0.9	112.5	20/06/2023	3:00	0.9	45
17/06/2023	4:00	0.4	67.5	18/06/2023	4:00	1.8	112.5	19/06/2023	4:00	0.4	90	20/06/2023	4:00	0.9	90
17/06/2023	5:00	0.4	67.5	18/06/2023	5:00	1.8	45	19/06/2023	5:00	0.9	247.5	20/06/2023	5:00	1.3	90
17/06/2023	6:00	0.4	90	18/06/2023	6:00	1.8	112.5	19/06/2023	6:00	0.9	67.5	20/06/2023	6:00	0.9	112.5
17/06/2023	7:00	0.4	90	18/06/2023	7:00	1.8	135	19/06/2023	7:00	2.2	22.5	20/06/2023	7:00	1.3	45
17/06/2023	8:00	0.4	90	18/06/2023	8:00	0.4	90	19/06/2023	8:00	2.2	112.5	20/06/2023	8:00	1.3	67.5
17/06/2023	9:00	0.4	180	18/06/2023	9:00	1.8	135	19/06/2023	9:00	2.2	67.5	20/06/2023	9:00	0.9	112.5
17/06/2023	10:00	1.3	112.5	18/06/2023	10:00	0.9	90	19/06/2023	10:00	2.2	67.5	20/06/2023	10:00	1.3	135
17/06/2023	11:00	1.3	90	18/06/2023	11:00	0.9	135	19/06/2023	11:00	2.2	112.5	20/06/2023	11:00	0.4	112.5
17/06/2023	12:00	0.9	112.5	18/06/2023	12:00	0.4	135	19/06/2023	12:00	2.2	90	20/06/2023	12:00	1.3	112.5
17/06/2023	13:00	0.4	112.5	18/06/2023	13:00	0.9	157.5	19/06/2023	13:00	2.2	90	20/06/2023	13:00	0.9	112.5
17/06/2023	14:00	1.3	90	18/06/2023	14:00	0.4	157.5	19/06/2023	14:00	2.2	90	20/06/2023	14:00	1.3	112.5
17/06/2023	15:00	0.9	112.5	18/06/2023	15:00	0.9	157.5	19/06/2023	15:00	1.8	67.5	20/06/2023	15:00	0.9	157.5
17/06/2023	16:00	1.3	112.5	18/06/2023	16:00	0.4	22.5	19/06/2023	16:00	1.3	90	20/06/2023	16:00	0.9	90
17/06/2023	17:00	1.3	90	18/06/2023	17:00	0.9	67.5	19/06/2023	17:00	1.3	45	20/06/2023	17:00	1.3	90
17/06/2023	18:00	0.4	90	18/06/2023	18:00	0.4	90	19/06/2023	18:00	0.4	135	20/06/2023	18:00	1.3	45
17/06/2023	19:00	0.4	90	18/06/2023	19:00	0.9	112.5	19/06/2023	19:00	0.4	90	20/06/2023	19:00	1.3	112.5
17/06/2023	20:00	0.4	90	18/06/2023	20:00	0.4	112.5	19/06/2023	20:00	0.9	90	20/06/2023	20:00	1.3	112.5
17/06/2023	21:00	0.4	90	18/06/2023	21:00	0.4	112.5	19/06/2023	21:00	1.3	67.5	20/06/2023	21:00	1.3	90
17/06/2023	22:00	0.4	90	18/06/2023	22:00	0.4	337.5	19/06/2023	22:00	0.4	90	20/06/2023	22:00	0.9	112.5
17/06/2023	23:00	0.9	90	18/06/2023	23:00	0.9	22.5	19/06/2023	23:00	0.9	112.5	20/06/2023	23:00	0.9	270

Date	Time	Wind Speed (m/s)	Wind Direction												
21/06/2023	0:00	0.9	292.5	22/06/2023	0:00	0.9	67.5	23/06/2023	0:00	0.4	22.5	24/06/2023	0:00	0.9	135
21/06/2023	1:00	0.9	292.5	22/06/2023	1:00	0.4	135	23/06/2023	1:00	0.4	45	24/06/2023	1:00	2.2	67.5
21/06/2023	2:00	0.9	292.5	22/06/2023	2:00	0.4	135	23/06/2023	2:00	2.2	135	24/06/2023	2:00	2.2	157.5
21/06/2023	3:00	0.9	292.5	22/06/2023	3:00	0.4	135	23/06/2023	3:00	2.2	112.5	24/06/2023	3:00	0.4	67.5
21/06/2023	4:00	0.9	292.5	22/06/2023	4:00	0.9	225	23/06/2023	4:00	2.2	135	24/06/2023	4:00	0.9	112.5
21/06/2023	5:00	0.4	292.5	22/06/2023	5:00	0.9	67.5	23/06/2023	5:00	2.2	135	24/06/2023	5:00	0.9	112.5
21/06/2023	6:00	0.9	90	22/06/2023	6:00	0.4	67.5	23/06/2023	6:00	2.2	22.5	24/06/2023	6:00	1.3	270
21/06/2023	7:00	0.4	112.5	22/06/2023	7:00	0.4	67.5	23/06/2023	7:00	2.2	112.5	24/06/2023	7:00	1.3	45
21/06/2023	8:00	0.4	112.5	22/06/2023	8:00	0.9	90	23/06/2023	8:00	0.4	90	24/06/2023	8:00	0.9	315
21/06/2023	9:00	0.4	135	22/06/2023	9:00	0.9	90	23/06/2023	9:00	1.3	90	24/06/2023	9:00	0.9	135
21/06/2023	10:00	0.4	135	22/06/2023	10:00	1.3	90	23/06/2023	10:00	0.9	270	24/06/2023	10:00	0.9	135
21/06/2023	11:00	0.4	112.5	22/06/2023	11:00	0.9	112.5	23/06/2023	11:00	0.4	157.5	24/06/2023	11:00	1.3	135
21/06/2023	12:00	0.9	90	22/06/2023	12:00	0.4	112.5	23/06/2023	12:00	0.9	90	24/06/2023	12:00	0.9	135
21/06/2023	13:00	1.3	135	22/06/2023	13:00	0.9	67.5	23/06/2023	13:00	0.4	90	24/06/2023	13:00	1.3	135
21/06/2023	14:00	0.9	292.5	22/06/2023	14:00	1.3	112.5	23/06/2023	14:00	0.9	45	24/06/2023	14:00	0.9	135
21/06/2023	15:00	0.4	292.5	22/06/2023	15:00	1.8	135	23/06/2023	15:00	0.4	112.5	24/06/2023	15:00	1.3	22.5
21/06/2023	16:00	0.9	292.5	22/06/2023	16:00	1.3	225	23/06/2023	16:00	0.4	112.5	24/06/2023	16:00	1.3	22.5
21/06/2023	17:00	1.3	135	22/06/2023	17:00	1.3	225	23/06/2023	17:00	0.4	45	24/06/2023	17:00	0.4	45
21/06/2023	18:00	1.8	292.5	22/06/2023	18:00	1.3	225	23/06/2023	18:00	0.9	135	24/06/2023	18:00	0.4	45
21/06/2023	19:00	1.3	22.5	22/06/2023	19:00	1.3	112.5	23/06/2023	19:00	0.9	112.5	24/06/2023	19:00	0.9	112.5
21/06/2023	20:00	1.3	90	22/06/2023	20:00	1.3	112.5	23/06/2023	20:00	0.4	135	24/06/2023	20:00	1.3	67.5
21/06/2023	21:00	1.3	90	22/06/2023	21:00	0.4	112.5	23/06/2023	21:00	0.4	135	24/06/2023	21:00	0.4	0
21/06/2023	22:00	1.3	112.5	22/06/2023	22:00	0.9	90	23/06/2023	22:00	0.9	22.5	24/06/2023	22:00	0.9	45
21/06/2023	23:00	1.3	112.5	22/06/2023	23:00	1.3	90	23/06/2023	23:00	0.9	112.5	24/06/2023	23:00	1.8	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
25/06/2023	0:00	0.4	247.5	26/06/2023	0:00	2.2	112.5	27/06/2023	0:00	0.9	90	28/06/2023	0:00	0.4	67.5
25/06/2023	1:00	0.4	225	26/06/2023	1:00	2.2	112.5	27/06/2023	1:00	0.9	90	28/06/2023	1:00	0.9	157.5
25/06/2023	2:00	0.9	247.5	26/06/2023	2:00	2.2	292.5	27/06/2023	2:00	0.9	90	28/06/2023	2:00	0.9	67.5
25/06/2023	3:00	1.3	225	26/06/2023	3:00	2.2	90	27/06/2023	3:00	0.9	112.5	28/06/2023	3:00	1.3	112.5
25/06/2023	4:00	1.8	90	26/06/2023	4:00	2.2	112.5	27/06/2023	4:00	0.9	112.5	28/06/2023	4:00	1.3	112.5
25/06/2023	5:00	1.3	112.5	26/06/2023	5:00	2.2	112.5	27/06/2023	5:00	1.3	112.5	28/06/2023	5:00	0.9	270
25/06/2023	6:00	1.3	225	26/06/2023	6:00	2.2	135	27/06/2023	6:00	1.8	22.5	28/06/2023	6:00	0.9	45
25/06/2023	7:00	1.3	247.5	26/06/2023	7:00	0.9	135	27/06/2023	7:00	1.3	112.5	28/06/2023	7:00	0.9	315
25/06/2023	8:00	1.3	67.5	26/06/2023	8:00	1.3	112.5	27/06/2023	8:00	0.9	90	28/06/2023	8:00	1.3	135
25/06/2023	9:00	0.4	67.5	26/06/2023	9:00	0.9	67.5	27/06/2023	9:00	0.9	135	28/06/2023	9:00	0.9	135
25/06/2023	10:00	1.3	67.5	26/06/2023	10:00	0.4	67.5	27/06/2023	10:00	1.3	112.5	28/06/2023	10:00	0.9	135
25/06/2023	11:00	0.9	90	26/06/2023	11:00	0.9	67.5	27/06/2023	11:00	0.9	112.5	28/06/2023	11:00	1.3	112.5
25/06/2023	12:00	1.3	90	26/06/2023	12:00	1.3	90	27/06/2023	12:00	0.4	90	28/06/2023	12:00	0.9	112.5
25/06/2023	13:00	1.3	135	26/06/2023	13:00	1.8	90	27/06/2023	13:00	0.4	112.5	28/06/2023	13:00	0.4	90
25/06/2023	14:00	1.3	135	26/06/2023	14:00	1.3	135	27/06/2023	14:00	0.4	247.5	28/06/2023	14:00	0.9	112.5
25/06/2023	15:00	0.4	90	26/06/2023	15:00	1.3	135	27/06/2023	15:00	0.4	270	28/06/2023	15:00	2.2	292.5
25/06/2023	16:00	0.9	90	26/06/2023	16:00	1.3	90	27/06/2023	16:00	0.4	247.5	28/06/2023	16:00	1.9	45
25/06/2023	17:00	1.3	135	26/06/2023	17:00	1.3	90	27/06/2023	17:00	0.4	247.5	28/06/2023	17:00	0.4	67.5
25/06/2023	18:00	1.8	135	26/06/2023	18:00	1.3	135	27/06/2023	18:00	0.4	247.5	28/06/2023	18:00	0.9	22.5
25/06/2023	19:00	0.9	112.5	26/06/2023	19:00	0.4	135	27/06/2023	19:00	0.9	247.5	28/06/2023	19:00	0.9	157.5
25/06/2023	20:00	0.9	247.5	26/06/2023	20:00	0.9	112.5	27/06/2023	20:00	0.9	247.5	28/06/2023	20:00	0.9	67.5
25/06/2023	21:00	0.9	270	26/06/2023	21:00	0.9	90	27/06/2023	21:00	1.8	112.5	28/06/2023	21:00	0.9	135
25/06/2023	22:00	1.3	247.5	26/06/2023	22:00	1.3	112.5	27/06/2023	22:00	1.8	22.5	28/06/2023	22:00	0.9	90
25/06/2023	23:00	0.9	247.5	26/06/2023	23:00	0.9	112.5	27/06/2023	23:00	1.3	112.5	28/06/2023	23:00	0.9	157.5

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
29/06/2023	0:00	0.9	67.5	30/06/2023	0:00	0.4	202.5								
29/06/2023	1:00	1.3	90	30/06/2023	1:00	1.3	90								
29/06/2023	2:00	1.3	90	30/06/2023	2:00	1.3	112.5								
29/06/2023	3:00	1.8	90	30/06/2023	3:00	0.4	112.5								
29/06/2023	4:00	0.4	135	30/06/2023	4:00	1.3	135								
29/06/2023	5:00	0.9	135	30/06/2023	5:00	0.4	112.5								
29/06/2023	6:00	1.8	135	30/06/2023	6:00	1.3	112.5								
29/06/2023	7:00	1.8	135	30/06/2023	7:00	1.3	112.5								
29/06/2023	8:00	2.2	112.5	30/06/2023	8:00	1.3	112.5								
29/06/2023	9:00	2.2	22.5	30/06/2023	9:00	0.4	90								
29/06/2023	10:00	2.2	22.5	30/06/2023	10:00	0.4	112.5								
29/06/2023	11:00	2.2	22.5	30/06/2023	11:00	0.4	45								
29/06/2023	12:00	2.2	22.5	30/06/2023	12:00	0.4	135								
29/06/2023	13:00	2.2	22.5	30/06/2023	13:00	0.4	135								
29/06/2023	14:00	1.3	22.5	30/06/2023	14:00	0.4	90								
29/06/2023	15:00	0.4	202.5	30/06/2023	15:00	0.4	90								
29/06/2023	16:00	0.9	90	30/06/2023	16:00	0.4	112.5								
29/06/2023	17:00	0.9	90	30/06/2023	17:00	0.4	67.5								
29/06/2023	18:00	0.4	90	30/06/2023	18:00	1.8	112.5								
29/06/2023	19:00	0.9	135	30/06/2023	19:00	0.4	112.5								
29/06/2023	20:00	0.4	247.5	30/06/2023	20:00	0.9	112.5								
29/06/2023	21:00	0.9	90	30/06/2023	21:00	0.9	112.5								
29/06/2023	22:00	0.9	45	30/06/2023	22:00	0.9	112.5								
29/06/2023	23:00	1.3	45	30/06/2023	23:00	0.4	157.5								

Date	Time	Wind Speed (m/s)	Wind Direction												
01/07/2023	0:00	1.3	247.5	02/07/2023	0:00	0.4	135	03/07/2023	0:00	0.9	90	04/07/2023	0:00	1.3	112.5
01/07/2023	1:00	0.4	135	02/07/2023	1:00	0.4	112.5	03/07/2023	1:00	1.3	90	04/07/2023	1:00	0.9	202.5
01/07/2023	2:00	0.4	292.5	02/07/2023	2:00	0.4	112.5	03/07/2023	2:00	1.8	292.5	04/07/2023	2:00	1.3	112.5
01/07/2023	3:00	0.4	90	02/07/2023	3:00	1.3	135	03/07/2023	3:00	2.2	135	04/07/2023	3:00	1.8	135
01/07/2023	4:00	0.4	225	02/07/2023	4:00	0.4	247.5	03/07/2023	4:00	1.3	90	04/07/2023	4:00	2.2	292.5
01/07/2023	5:00	1.3	90	02/07/2023	5:00	0.9	247.5	03/07/2023	5:00	0.4	135	04/07/2023	5:00	1.3	90
01/07/2023	6:00	0.4	90	02/07/2023	6:00	0.9	247.5	03/07/2023	6:00	1.3	22.5	04/07/2023	6:00	0.4	225
01/07/2023	7:00	0.4	90	02/07/2023	7:00	0.4	135	03/07/2023	7:00	0.9	135	04/07/2023	7:00	1.3	112.5
01/07/2023	8:00	0.9	112.5	02/07/2023	8:00	0.4	67.5	03/07/2023	8:00	1.3	112.5	04/07/2023	8:00	0.9	112.5
01/07/2023	9:00	0.4	135	02/07/2023	9:00	1.3	112.5	03/07/2023	9:00	0.9	270	04/07/2023	9:00	1.3	112.5
01/07/2023	10:00	0.4	135	02/07/2023	10:00	1.3	135	03/07/2023	10:00	1.3	135	04/07/2023	10:00	0.9	112.5
01/07/2023	11:00	1.3	112.5	02/07/2023	11:00	0.4	135	03/07/2023	11:00	0.9	112.5	04/07/2023	11:00	1.3	112.5
01/07/2023	12:00	1.3	247.5	02/07/2023	12:00	0.4	292.5	03/07/2023	12:00	1.3	135	04/07/2023	12:00	0.9	112.5
01/07/2023	13:00	1.3	135	02/07/2023	13:00	1.3	135	03/07/2023	13:00	0.9	247.5	04/07/2023	13:00	1.3	112.5
01/07/2023	14:00	0.4	90	02/07/2023	14:00	1.3	90	03/07/2023	14:00	1.3	247.5	04/07/2023	14:00	0.9	112.5
01/07/2023	15:00	0.4	112.5	02/07/2023	15:00	0.9	135	03/07/2023	15:00	0.4	247.5	04/07/2023	15:00	1.3	247.5
01/07/2023	16:00	1.3	112.5	02/07/2023	16:00	0.9	22.5	03/07/2023	16:00	0.9	135	04/07/2023	16:00	0.9	135
01/07/2023	17:00	1.3	90	02/07/2023	17:00	0.4	135	03/07/2023	17:00	0.9	67.5	04/07/2023	17:00	0.9	90
01/07/2023	18:00	0.9	90	02/07/2023	18:00	0	112.5	03/07/2023	18:00	2.2	112.5	04/07/2023	18:00	0.9	112.5
01/07/2023	19:00	0.9	112.5	02/07/2023	19:00	0.4	112.5	03/07/2023	19:00	2.2	135	04/07/2023	19:00	0.9	112.5
01/07/2023	20:00	1.3	90	02/07/2023	20:00	0.4	112.5	03/07/2023	20:00	2.2	112.5	04/07/2023	20:00	0.4	90
01/07/2023	21:00	0.9	135	02/07/2023	21:00	0.4	112.5	03/07/2023	21:00	1.3	90	04/07/2023	21:00	0.4	90
01/07/2023	22:00	0.9	112.5	02/07/2023	22:00	0.9	112.5	03/07/2023	22:00	1.3	90	04/07/2023	22:00	0.4	112.5
01/07/2023	23:00	1.3	90	02/07/2023	23:00	0.4	112.5	03/07/2023	23:00	0.4	90	04/07/2023	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
05/07/2023	0:00	0.9	112.5	06/07/2023	0:00	1.3	112.5	07/07/2023	0:00	0.9	135	08/07/2023	0:00	0.4	112.5
05/07/2023	1:00	0.4	90	06/07/2023	1:00	0.9	225	07/07/2023	1:00	0.9	112.5	08/07/2023	1:00	0.4	225
05/07/2023	2:00	0.4	135	06/07/2023	2:00	1.3	112.5	07/07/2023	2:00	0.4	135	08/07/2023	2:00	0.4	112.5
05/07/2023	3:00	1.3	90	06/07/2023	3:00	0.9	270	07/07/2023	3:00	0.4	112.5	08/07/2023	3:00	0.4	225
05/07/2023	4:00	0.9	135	06/07/2023	4:00	0.4	270	07/07/2023	4:00	1.3	112.5	08/07/2023	4:00	0.4	225
05/07/2023	5:00	0.9	90	06/07/2023	5:00	0.4	270	07/07/2023	5:00	0.9	135	08/07/2023	5:00	0.4	225
05/07/2023	6:00	0.9	67.5	06/07/2023	6:00	0.9	270	07/07/2023	6:00	0.9	135	08/07/2023	6:00	0.4	112.5
05/07/2023	7:00	1.3	112.5	06/07/2023	7:00	0.3	270	07/07/2023	7:00	0.9	135	08/07/2023	7:00	0.4	135
05/07/2023	8:00	0.4	135	06/07/2023	8:00	1.3	270	07/07/2023	8:00	1.3	112.5	08/07/2023	8:00	0.4	112.5
05/07/2023	9:00	1.3	112.5	06/07/2023	9:00	1.3	90	07/07/2023	9:00	0.4	45	08/07/2023	9:00	0.4	90
05/07/2023	10:00	0.9	112.5	06/07/2023	10:00	0.9	135	07/07/2023	10:00	0.9	135	08/07/2023	10:00	0.9	90
05/07/2023	11:00	0.9	112.5	06/07/2023	11:00	0.9	90	07/07/2023	11:00	0.4	135	08/07/2023	11:00	1.3	135
05/07/2023	12:00	0.4	112.5	06/07/2023	12:00	0.4	135	07/07/2023	12:00	0.4	135	08/07/2023	12:00	1.3	90
05/07/2023	13:00	0.4	90	06/07/2023	13:00	1.3	90	07/07/2023	13:00	1.3	247.5	08/07/2023	13:00	1.8	135
05/07/2023	14:00	1.3	90	06/07/2023	14:00	0.9	135	07/07/2023	14:00	0.9	247.5	08/07/2023	14:00	1.3	90
05/07/2023	15:00	0.9	45	06/07/2023	15:00	1.3	135	07/07/2023	15:00	1.3	247.5	08/07/2023	15:00	0.9	67.5
05/07/2023	16:00	1.3	90	06/07/2023	16:00	1.3	112.5	07/07/2023	16:00	1.3	135	08/07/2023	16:00	0.9	112.5
05/07/2023	17:00	1.3	22.5	06/07/2023	17:00	1.8	135	07/07/2023	17:00	1.8	67.5	08/07/2023	17:00	0.9	135
05/07/2023	18:00	1.8	112.5	06/07/2023	18:00	0.9	90	07/07/2023	18:00	0.9	112.5	08/07/2023	18:00	0.9	112.5
05/07/2023	19:00	0.9	90	06/07/2023	19:00	1.3	112.5	07/07/2023	19:00	1.3	135	08/07/2023	19:00	0.4	112.5
05/07/2023	20:00	1.3	112.5	06/07/2023	20:00	1.3	112.5	07/07/2023	20:00	1.3	135	08/07/2023	20:00	0.4	112.5
05/07/2023	21:00	1.3	112.5	06/07/2023	21:00	1.3	90	07/07/2023	21:00	1.3	112.5	08/07/2023	21:00	0.9	90
05/07/2023	22:00	0.9	112.5	06/07/2023	22:00	0.9	135	07/07/2023	22:00	0.9	112.5	08/07/2023	22:00	0.9	90
05/07/2023	23:00	0.4	112.5	06/07/2023	23:00	1.3	90	07/07/2023	23:00	1.3	45	08/07/2023	23:00	0.4	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
09/07/2023	0:00	0.4	112.5	10/07/2023	0:00	0.4	112.5	11/07/2023	0:00	0.9	90	12/07/2023	0:00	0.9	90
09/07/2023	1:00	0.9	90	10/07/2023	1:00	0.4	112.5	11/07/2023	1:00	0.4	180	12/07/2023	1:00	1.3	112.5
09/07/2023	2:00	0.9	112.5	10/07/2023	2:00	1.3	112.5	11/07/2023	2:00	0.4	180	12/07/2023	2:00	0.9	247.5
09/07/2023	3:00	1.8	90	10/07/2023	3:00	1.3	90	11/07/2023	3:00	0.9	112.5	12/07/2023	3:00	0.9	247.5
09/07/2023	4:00	1.8	90	10/07/2023	4:00	0.9	22.5	11/07/2023	4:00	0.9	202.5	12/07/2023	4:00	0.9	135
09/07/2023	5:00	1.8	45	10/07/2023	5:00	0.9	90	11/07/2023	5:00	1.8	112.5	12/07/2023	5:00	1.3	90
09/07/2023	6:00	1.8	90	10/07/2023	6:00	1.3	90	11/07/2023	6:00	1.8	180	12/07/2023	6:00	0.9	90
09/07/2023	7:00	1.8	22.5	10/07/2023	7:00	0.9	90	11/07/2023	7:00	1.8	112.5	12/07/2023	7:00	0.9	90
09/07/2023	8:00	1.8	112.5	10/07/2023	8:00	0.9	90	11/07/2023	8:00	0.9	112.5	12/07/2023	8:00	1.3	90
09/07/2023	9:00	1.8	90	10/07/2023	9:00	1.3	22.5	11/07/2023	9:00	1.3	112.5	12/07/2023	9:00	0.4	135
09/07/2023	10:00	1.3	247.5	10/07/2023	10:00	0.4	22.5	11/07/2023	10:00	0.9	90	12/07/2023	10:00	0.9	112.5
09/07/2023	11:00	0.9	247.5	10/07/2023	11:00	0.9	22.5	11/07/2023	11:00	0.4	112.5	12/07/2023	11:00	0.9	135
09/07/2023	12:00	0.9	247.5	10/07/2023	12:00	0.9	22.5	11/07/2023	12:00	1.3	90	12/07/2023	12:00	0.9	112.5
09/07/2023	13:00	0.9	135	10/07/2023	13:00	0.4	22.5	11/07/2023	13:00	0.9	90	12/07/2023	13:00	0.4	135
09/07/2023	14:00	0.9	270	10/07/2023	14:00	0.9	90	11/07/2023	14:00	0.9	90	12/07/2023	14:00	0.9	90
09/07/2023	15:00	0.4	270	10/07/2023	15:00	0.9	135	11/07/2023	15:00	0.9	112.5	12/07/2023	15:00	0.9	157.5
09/07/2023	16:00	0.9	270	10/07/2023	16:00	0.9	112.5	11/07/2023	16:00	0.9	90	12/07/2023	16:00	0.9	90
09/07/2023	17:00	0.4	112.5	10/07/2023	17:00	1.3	112.5	11/07/2023	17:00	0.4	22.5	12/07/2023	17:00	1.3	112.5
09/07/2023	18:00	0.4	135	10/07/2023	18:00	0.9	90	11/07/2023	18:00	0.9	90	12/07/2023	18:00	1.8	112.5
09/07/2023	19:00	0.4	112.5	10/07/2023	19:00	1.3	90	11/07/2023	19:00	0.4	90	12/07/2023	19:00	2.2	112.5
09/07/2023	20:00	0.9	135	10/07/2023	20:00	0.4	135	11/07/2023	20:00	0.4	90	12/07/2023	20:00	2.2	90
09/07/2023	21:00	0.9	90	10/07/2023	21:00	0.4	112.5	11/07/2023	21:00	0.9	90	12/07/2023	21:00	2.2	112.5
09/07/2023	22:00	0.4	112.5	10/07/2023	22:00	0.4	112.5	11/07/2023	22:00	0.4	292.5	12/07/2023	22:00	0.9	135
09/07/2023	23:00	0.4	112.5	10/07/2023	23:00	0.9	112.5	11/07/2023	23:00	0.4	292.5	12/07/2023	23:00	0.9	112.5

Date	Time	Wind Speed (m/s)	Wind Direction												
13/07/2023	0:00	0.9	247.5	14/07/2023	0:00	1.8	112.5	15/07/2023	0:00	0.4	112.5	16/07/2023	0:00	0.9	67.5
13/07/2023	1:00	0.9	247.5	14/07/2023	1:00	0.4	112.5	15/07/2023	1:00	0.9	112.5	16/07/2023	1:00	1.3	45
13/07/2023	2:00	0.9	135	14/07/2023	2:00	0.4	90	15/07/2023	2:00	0.4	45	16/07/2023	2:00	1.3	22.5
13/07/2023	3:00	0.9	270	14/07/2023	3:00	0.4	112.5	15/07/2023	3:00	1.3	22.5	16/07/2023	3:00	1.3	22.5
13/07/2023	4:00	1.3	135	14/07/2023	4:00	0.4	135	15/07/2023	4:00	1.3	22.5	16/07/2023	4:00	0.9	22.5
13/07/2023	5:00	0.9	90	14/07/2023	5:00	0.4	112.5	15/07/2023	5:00	1.3	22.5	16/07/2023	5:00	0.9	247.5
13/07/2023	6:00	0.9	22.5	14/07/2023	6:00	0.4	135	15/07/2023	6:00	1.3	247.5	16/07/2023	6:00	0.9	45
13/07/2023	7:00	0.9	112.5	14/07/2023	7:00	0.4	112.5	15/07/2023	7:00	0.9	45	16/07/2023	7:00	0.9	45
13/07/2023	8:00	0.9	90	14/07/2023	8:00	0.9	67.5	15/07/2023	8:00	0.9	45	16/07/2023	8:00	0.9	45
13/07/2023	9:00	1.8	67.5	14/07/2023	9:00	0.4	135	15/07/2023	9:00	0.4	45	16/07/2023	9:00	0.9	90
13/07/2023	10:00	2.2	135	14/07/2023	10:00	0.9	157.5	15/07/2023	10:00	0.9	90	16/07/2023	10:00	0.9	90
13/07/2023	11:00	1.3	157.5	14/07/2023	11:00	0.9	45	15/07/2023	11:00	0.9	90	16/07/2023	11:00	0.9	112.5
13/07/2023	12:00	1.8	157.5	14/07/2023	12:00	1.8	90	15/07/2023	12:00	1.8	112.5	16/07/2023	12:00	0.4	90
13/07/2023	13:00	0.4	157.5	14/07/2023	13:00	0.1	90	15/07/2023	13:00	2.2	112.5	16/07/2023	13:00	0.9	90
13/07/2023	14:00	0.4	157.5	14/07/2023	14:00	0.1	90	15/07/2023	14:00	1.3	90	16/07/2023	14:00	0.9	112.5
13/07/2023	15:00	0.9	157.5	14/07/2023	15:00	0.1	90	15/07/2023	15:00	2.2	90	16/07/2023	15:00	0.9	112.5
13/07/2023	16:00	0.9	157.5	14/07/2023	16:00	0.1	90	15/07/2023	16:00	1.3	135	16/07/2023	16:00	2.2	90
13/07/2023	17:00	0.9	157.5	14/07/2023	17:00	0.1	90	15/07/2023	17:00	1.3	112.5	16/07/2023	17:00	2.2	90
13/07/2023	18:00	1.3	157.5	14/07/2023	18:00	0.1	112.5	15/07/2023	18:00	1.3	112.5	16/07/2023	18:00	2.7	135
13/07/2023	19:00	1.8	157.5	14/07/2023	19:00	1.3	112.5	15/07/2023	19:00	1.3	135	16/07/2023	19:00	3.6	112.5
13/07/2023	20:00	2.2	292.5	14/07/2023	20:00	0.9	90	15/07/2023	20:00	1.3	112.5	16/07/2023	20:00	3.6	112.5
13/07/2023	21:00	2.2	112.5	14/07/2023	21:00	1.8	90	15/07/2023	21:00	1.3	135	16/07/2023	21:00	4.4	135
13/07/2023	22:00	1.3	45	14/07/2023	22:00	1.3	135	15/07/2023	22:00	1.8	112.5	16/07/2023	22:00	3.3	112.5
13/07/2023	23:00	1.3	135	14/07/2023	23:00	1.3	112.5	15/07/2023	23:00	0.9	90	16/07/2023	23:00	3.3	135

Date	Time	Wind Speed (m/s)	Wind Direction												
21/07/2023	0:00	0.9	67.5	22/07/2023	0:00	0.9	67.5	23/07/2023	0:00	0.4	22.5	24/07/2023	0:00	0.9	135
21/07/2023	1:00	2.2	67.5	22/07/2023	1:00	0.4	135	23/07/2023	1:00	0.4	157.5	24/07/2023	1:00	2.2	67.5
21/07/2023	2:00	2.2	67.5	22/07/2023	2:00	0.4	45	23/07/2023	2:00	1.8	67.5	24/07/2023	2:00	2.2	157.5
21/07/2023	3:00	0.4	90	22/07/2023	3:00	2.2	45	23/07/2023	3:00	1.8	112.5	24/07/2023	3:00	0.4	67.5
21/07/2023	4:00	0.9	90	22/07/2023	4:00	1.8	45	23/07/2023	4:00	1.3	112.5	24/07/2023	4:00	0.9	112.5
21/07/2023	5:00	0.4	90	22/07/2023	5:00	1.8	45	23/07/2023	5:00	0.9	270	24/07/2023	5:00	0.4	112.5
21/07/2023	6:00	0.9	112.5	22/07/2023	6:00	1.8	45	23/07/2023	6:00	0.4	45	24/07/2023	6:00	0.9	270
21/07/2023	7:00	0.4	112.5	22/07/2023	7:00	1.8	112.5	23/07/2023	7:00	0.9	315	24/07/2023	7:00	1.8	135
21/07/2023	8:00	0.4	67.5	22/07/2023	8:00	1.8	112.5	23/07/2023	8:00	1.3	247.5	24/07/2023	8:00	1.3	315
21/07/2023	9:00	0.4	135	22/07/2023	9:00	1.8	112.5	23/07/2023	9:00	1.8	247.5	24/07/2023	9:00	0.9	315
21/07/2023	10:00	0.4	135	22/07/2023	10:00	1.3	112.5	23/07/2023	10:00	1.3	247.5	24/07/2023	10:00	0.4	315
21/07/2023	11:00	0.4	112.5	22/07/2023	11:00	0.9	112.5	23/07/2023	11:00	1.3	247.5	24/07/2023	11:00	0.4	315
21/07/2023	12:00	0.9	90	22/07/2023	12:00	0.4	112.5	23/07/2023	12:00	0.9	247.5	24/07/2023	12:00	0.9	315
21/07/2023	13:00	1.3	135	22/07/2023	13:00	0.9	112.5	23/07/2023	13:00	0.4	90	24/07/2023	13:00	1.3	135
21/07/2023	14:00	0.9	247.5	22/07/2023	14:00	1.3	112.5	23/07/2023	14:00	0.9	45	24/07/2023	14:00	0.9	135
21/07/2023	15:00	0.4	180	22/07/2023	15:00	1.8	135	23/07/2023	15:00	0.4	135	24/07/2023	15:00	0.4	22.5
21/07/2023	16:00	0.9	135	22/07/2023	16:00	0.4	225	23/07/2023	16:00	0.4	225	24/07/2023	16:00	1.3	22.5
21/07/2023	17:00	1.3	135	22/07/2023	17:00	0.9	67.5	23/07/2023	17:00	0.4	90	24/07/2023	17:00	0.4	45
21/07/2023	18:00	1.8	135	22/07/2023	18:00	0.4	67.5	23/07/2023	18:00	0.9	90	24/07/2023	18:00	0.4	45
21/07/2023	19:00	1.3	112.5	22/07/2023	19:00	0.4	67.5	23/07/2023	19:00	0.9	90	24/07/2023	19:00	0.9	112.5
21/07/2023	20:00	1.3	90	22/07/2023	20:00	0.4	67.5	23/07/2023	20:00	0.4	90	24/07/2023	20:00	1.3	67.5
21/07/2023	21:00	1.3	90	22/07/2023	21:00	0.9	90	23/07/2023	21:00	0.4	90	24/07/2023	21:00	0.4	0
21/07/2023	22:00	1.3	112.5	22/07/2023	22:00	0.9	90	23/07/2023	22:00	0.9	90	24/07/2023	22:00	0.9	45
21/07/2023	23:00	1.3	112.5	22/07/2023	23:00	0.4	90	23/07/2023	23:00	0.9	112.5	24/07/2023	23:00	1.8	112.5

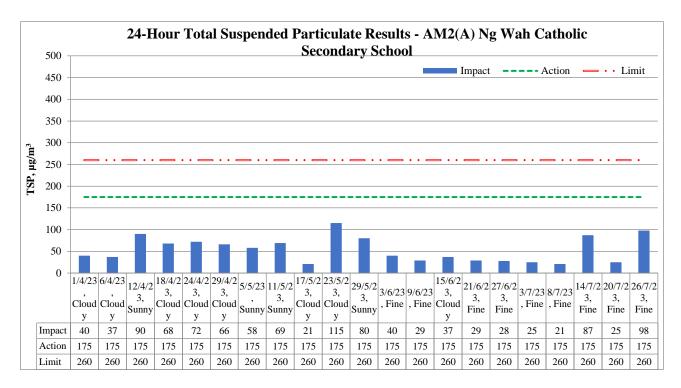
Date	Time	Wind Speed (m/s)	Wind Direction												
25/07/2023	0:00	0.4	67.5	26/07/2023	0:00	2.2	112.5	27/07/2023	0:00	0.9	90	28/07/2023	0:00	0.4	67.5
25/07/2023	1:00	0.4	225	26/07/2023	1:00	2.2	112.5	27/07/2023	1:00	0.9	90	28/07/2023	1:00	0.9	247.5
25/07/2023	2:00	0.9	67.5	26/07/2023	2:00	0.9	90	27/07/2023	2:00	0.9	90	28/07/2023	2:00	0.9	180
25/07/2023	3:00	1.3	225	26/07/2023	3:00	1.3	135	27/07/2023	3:00	0.9	45	28/07/2023	3:00	1.3	135
25/07/2023	4:00	0.9	90	26/07/2023	4:00	1.3	247.5	27/07/2023	4:00	0.9	67.5	28/07/2023	4:00	1.3	90
25/07/2023	5:00	0.1	112.5	26/07/2023	5:00	1.3	180	27/07/2023	5:00	1.3	22.5	28/07/2023	5:00	0.9	90
25/07/2023	6:00	0.1	225	26/07/2023	6:00	0.4	135	27/07/2023	6:00	1.8	157.5	28/07/2023	6:00	0.9	90
25/07/2023	7:00	0.1	247.5	26/07/2023	7:00	0.9	90	27/07/2023	7:00	1.3	67.5	28/07/2023	7:00	0.9	315
25/07/2023	8:00	0.1	67.5	26/07/2023	8:00	0.9	90	27/07/2023	8:00	1.3	135	28/07/2023	8:00	1.3	225
25/07/2023	9:00	0.4	67.5	26/07/2023	9:00	0.9	90	27/07/2023	9:00	1.8	90	28/07/2023	9:00	0.9	225
25/07/2023	10:00	1.3	67.5	26/07/2023	10:00	1.3	315	27/07/2023	10:00	1.3	112.5	28/07/2023	10:00	0.9	135
25/07/2023	11:00	0.9	90	26/07/2023	11:00	1.3	315	27/07/2023	11:00	1.3	112.5	28/07/2023	11:00	1.3	112.5
25/07/2023	12:00	1.3	90	26/07/2023	12:00	0.9	315	27/07/2023	12:00	1.3	90	28/07/2023	12:00	0.9	112.5
25/07/2023	13:00	1.3	225	26/07/2023	13:00	0.9	90	27/07/2023	13:00	1.3	112.5	28/07/2023	13:00	0.4	112.5
25/07/2023	14:00	1.3	225	26/07/2023	14:00	1.3	135	27/07/2023	14:00	1.3	247.5	28/07/2023	14:00	0.9	112.5
25/07/2023	15:00	0.4	225	26/07/2023	15:00	1.3	135	27/07/2023	15:00	0.4	270	28/07/2023	15:00	2.2	112.5
25/07/2023	16:00	0.9	225	26/07/2023	16:00	2.2	90	27/07/2023	16:00	0.9	90	28/07/2023	16:00	1.3	45
25/07/2023	17:00	1.3	225	26/07/2023	17:00	1.3	90	27/07/2023	17:00	0.9	135	28/07/2023	17:00	1.8	67.5
25/07/2023	18:00	1.8	225	26/07/2023	18:00	1.3	135	27/07/2023	18:00	1.3	135	28/07/2023	18:00	1.3	22.5
25/07/2023	19:00	0.9	225	26/07/2023	19:00	0.4	135	27/07/2023	19:00	0.9	112.5	28/07/2023	19:00	1.3	157.5
25/07/2023	20:00	0.9	225	26/07/2023	20:00	0.9	112.5	27/07/2023	20:00	0.4	90	28/07/2023	20:00	1.3	67.5
25/07/2023	21:00	0.9	270	26/07/2023	21:00	0.9	90	27/07/2023	21:00	0.9	112.5	28/07/2023	21:00	1.3	135
25/07/2023	22:00	1.3	180	26/07/2023	22:00	1.3	112.5	27/07/2023	22:00	2.2	112.5	28/07/2023	22:00	1.3	90
25/07/2023	23:00	0.9	180	26/07/2023	23:00	0.9	112.5	27/07/2023	23:00	1.3	112.5	28/07/2023	23:00	0.9	157.5

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
29/07/2023	0:00	0.9	90	30/07/2023	0:00	0.4	202.5	31/07/2023	0:00	0.9	112.5				
29/07/2023	1:00	1.3	90	30/07/2023	1:00	1.3	90	31/07/2023	1:00	1.3	112.5				
29/07/2023	2:00	1.3	135	30/07/2023	2:00	1.3	112.5	31/07/2023	2:00	1.3	135				
29/07/2023	3:00	1.8	135	30/07/2023	3:00	0.4	112.5	31/07/2023	3:00	1.8	90				
29/07/2023	4:00	0.4	112.5	30/07/2023	4:00	0.9	135	31/07/2023	4:00	0.4	90				
29/07/2023	5:00	0.9	292.5	30/07/2023	5:00	0.9	67.5	31/07/2023	5:00	0.9	90				
29/07/2023	6:00	1.8	90	30/07/2023	6:00	0.9	67.5	31/07/2023	6:00	1.8	90				
29/07/2023	7:00	1.8	112.5	30/07/2023	7:00	0.9	67.5	31/07/2023	7:00	1.8	90				
29/07/2023	8:00	1.3	112.5	30/07/2023	8:00	0.9	67.5	31/07/2023	8:00	2.2	112.5				
29/07/2023	9:00	0.4	135	30/07/2023	9:00	0.9	90	31/07/2023	9:00	2.2	90				
29/07/2023	10:00	0.9	135	30/07/2023	10:00	0.9	112.5	31/07/2023	10:00	0.4	112.5				
29/07/2023	11:00	1.3	135	30/07/2023	11:00	0.9	45	31/07/2023	11:00	1.3	247.5				
29/07/2023	12:00	1.8	135	30/07/2023	12:00	0.4	22.5	31/07/2023	12:00	1.3	270				
29/07/2023	13:00	0.9	90	30/07/2023	13:00	0.4	22.5	31/07/2023	13:00	1.3	247.5				
29/07/2023	14:00	0.9	90	30/07/2023	14:00	1.8	22.5	31/07/2023	14:00	1.3	247.5				
29/07/2023	15:00	2.2	180	30/07/2023	15:00	1.8	22.5	31/07/2023	15:00	1.3	247.5				
29/07/2023	16:00	1.3	45	30/07/2023	16:00	1.8	112.5	31/07/2023	16:00	0.4	247.5				
29/07/2023	17:00	1.8	45	30/07/2023	17:00	1.3	67.5	31/07/2023	17:00	1.3	67.5				
29/07/2023	18:00	1.3	45	30/07/2023	18:00	0.9	202.5	31/07/2023	18:00	0.4	22.5				
29/07/2023	19:00	1.3	135	30/07/2023	19:00	0.4	202.5	31/07/2023	19:00	0.4	157.5				
29/07/2023	20:00	1.3	45	30/07/2023	20:00	0.9	202.5	31/07/2023	20:00	0.4	157.5				
29/07/2023	21:00	1.3	90	30/07/2023	21:00	0.9	112.5	31/07/2023	21:00	0.4	157.5				
29/07/2023	22:00	1.3	45	30/07/2023	22:00	0.9	112.5	31/07/2023	22:00	0.4	90				
29/07/2023	23:00	1.3	45	30/07/2023	23:00	0.4	157.5	31/07/2023	23:00	0.1	157.5				

Appendix D – Monitoring data and graphical plots

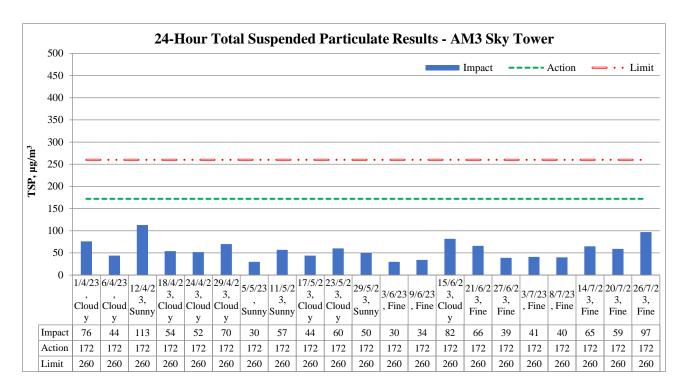
24-hour average TSP

Air Monito	ring Station	AM2(A) – Ng Wah Catholic Secondary School	AM3 – Sky Tower
Start Date	Weather	24-hr Average TSP Concentration, μg/m ³	24-hr Average TSP Concentration, µg/m³
05/05/2023	Sunny	58	30
11/05/2023	Sunny	69	57
17/05/2023	Cloudy	21	44
23/05/2023	Cloudy	115	60
29/05/2023	Sunny	80	50
03/06/2023	Fine	40	30
09/06/2023	Fine	29	34
15/06/2023	Cloudy	37	82
21/06/2023	Fine	29	66
27/06/2023	Fine	28	39
03/07/2023	Fine	25	41
08/07/2023	Fine	21	40
14/07/2023	Fine	87	65
20/07/2023	Fine	25	59
26/07/2023	Fine	98	97



		Reportin	g Period	
Major Construction Activities	April	May	June	July
	2023	2023	2023	2023
Construction works for DCS	✓	✓	✓	✓
Construction works for SB-01 tunnel			✓	✓
Construction of Underpinning of S14				✓
Construction of Retaining Wall Type 1 for S14			✓	✓
ELS and excavation works for retrieving shaft at Sa Po Road	✓			
ELS modification and Backfilling works for Retrieving Shaft at Sa Po Road		✓	✓	✓
Pre-bored socket H-pile construction works for Slip Road S14	✓	✓	✓	
GI and Grouting works for Slip Road S14				✓
Erection of falseworks and working platform for decking of Elevated Walkway LW-02	✓	✓	✓	✓
RC construction for decking of LW-02	✓	✓		
RC construction for decking of Elevated Walkway LW-02			✓	✓
RC construction for Subway KS10 Lift and Staircase	✓	✓	✓	✓
RC construction works for lift and staircase of LW-02	✓	✓	✓	✓
Renovation works for existing subways KS9, KS32 and KS10	✓	✓	✓	✓
Road and drain construction works for Road L16	√	√	✓	√
Road and drain construction works for Olympic Avenue	✓	✓	✓	✓
Assembly of RTBM at launching shaft for SB-01	✓	√	✓	

		Reporting	g Period	
Factors might affect the monitoring results	April	May	June	July
	2023	2023	2023	2023
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓

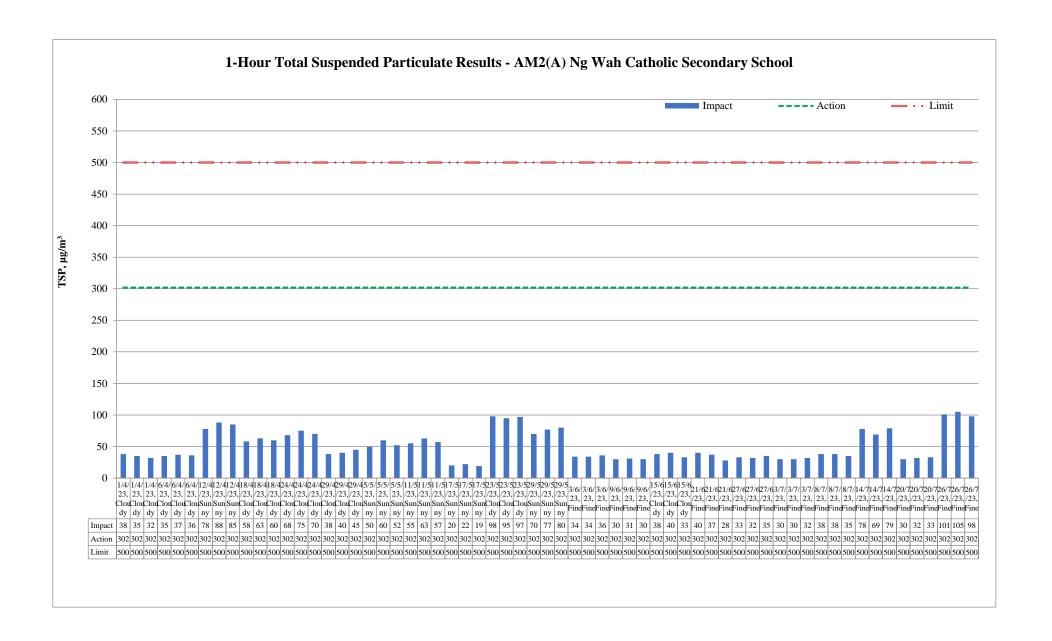


		Reportin	g Period	
Major Construction Activities	April	May	June	July
	2023	2023	2023	2023
Construction works for DCS	✓	✓	✓	✓
Construction works for SB-01 tunnel			✓	✓
Construction of Underpinning of S14				✓
Construction of Retaining Wall Type 1 for S14			✓	✓
ELS and excavation works for retrieving shaft at Sa Po Road	✓			
ELS modification and Backfilling works for Retrieving Shaft at Sa Po Road		✓	✓	✓
Pre-bored socket H-pile construction works for Slip Road S14	✓	✓	✓	
GI and Grouting works for Slip Road S14				✓
Erection of falseworks and working platform for decking of Elevated Walkway LW-02	✓	✓	✓	✓
RC construction for decking of LW-02	✓	✓		
RC construction for decking of Elevated Walkway LW-02			✓	✓
RC construction for Subway KS10 Lift and Staircase	✓	✓	✓	✓
RC construction works for lift and staircase of LW-02	✓	✓	✓	✓
Renovation works for existing subways KS9, KS32 and KS10	✓	✓	✓	✓
Road and drain construction works for Road L16	√	√	✓	√
Road and drain construction works for Olympic Avenue	✓	✓	✓	✓
Assembly of RTBM at launching shaft for SB-01	✓	√	✓	

	Reporting Period						
Factors might affect the monitoring results	April	May	June	July			
	2023	2023	2023	2023			
Non-project related construction activities in the adjacent construction sites were observed.	✓	✓	✓	✓			

1-hour average TSP

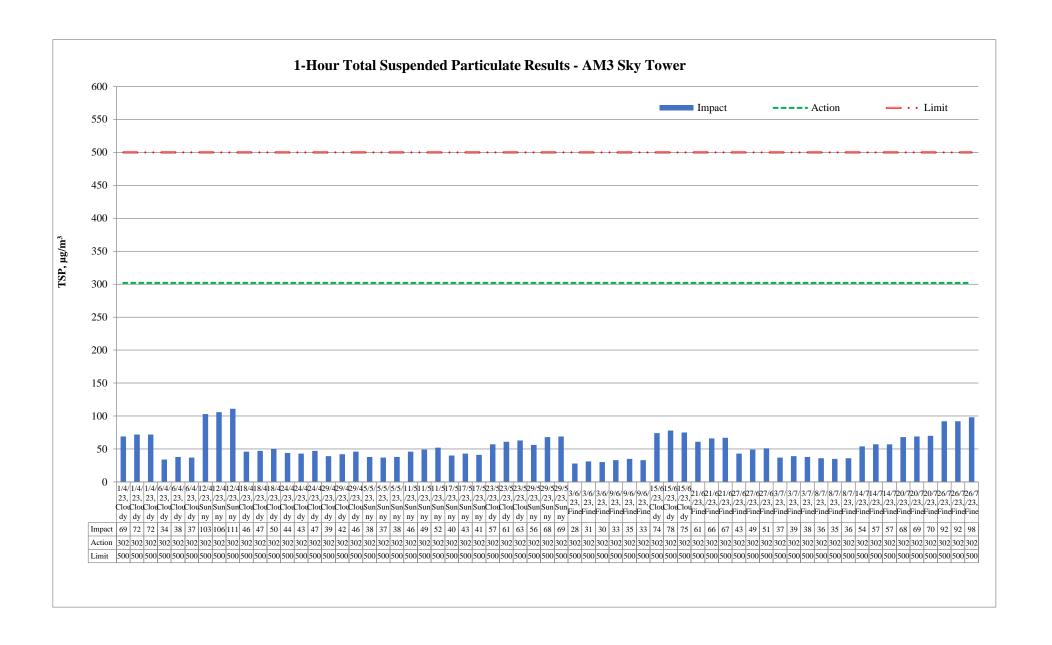
Air Monitor	ing Station		AM2(A) – Ng Wah	Catholic Secondary School
Date	Measureme	unt Damia d	Weather	1-hr Average TSP
Date	Measureme	ent Period	weather	Concentration, μg/m ³
05/05/2023	13:00 -	14:00		50
05/05/2023	14:00 -	15:00	Sunny	60
05/05/2023	15:00 -	16:00		52
11/05/2023	9:00 -	10:00		55
11/05/2023	10:00 -	11:00	Sunny	63
11/05/2023	11:00 -	12:00		57
17/05/2023	13:00 -	14:00		20
17/05/2023	14:00 -	15:00	Sunny	22
17/05/2023	15:00 -	16:00		19
23/05/2023	13:00 -	14:00		98
23/05/2023	14:00 -	15:00	Cloudy	95
23/05/2023	15:00 -	16:00		97
29/05/2023	9:00 -	10:00		70
29/05/2023	10:00 -	11:00	Sunny	77
29/05/2023	11:00 -	12:00		80
03/06/2023	13:00 -	14:00		34
03/06/2023	14:00 -	15:00	Fine	34
03/06/2023	15:00 -	16:00		36
09/06/2023	13:00 -	14:00		30
09/06/2023	14:00 -	15:00	Fine	31
09/06/2023	15:00 -	16:00		30
15/06/2023	9:00 -	10:00		38
15/06/2023	10:00 -	11:00	Cloudy	40
15/06/2023	11:00 -	12:00		33
21/06/2023	13:00 -	14:00		40
21/06/2023	14:00 -	15:00	Fine	37
21/06/2023	15:00 -	16:00		28
27/06/2023	9:00 -	10:00		33
27/06/2023	10:00 -	11:00	Fine	32
27/06/2023	11:00 -	12:00		35
03/07/2023	9:00 -	10:00		30
03/07/2023	10:00 -	11:00	Fine	30
03/07/2023	11:00 -	12:00		32
08/07/2023	13:00 -	14:00		38
08/07/2023	14:00 -	15:00	Fine	38
08/07/2023	15:00 -	16:00		35
14/07/2023	9:00 -	10:00		78
14/07/2023	10:00 -	11:00	Fine	69
14/07/2023	11:00 -	12:00		79
20/07/2023	13:00 -	14:00		30
20/07/2023	14:00 -	4.5.00	Fine	32
20/07/2023	15:00 -			33
26/07/2023	13:00 -	14:00		101
26/07/2023	14:00 -	15:00	Fine	105
26/07/2023	15:00 -	4.5.00		98



	Reporting Period				
Major Construction Activities	April	May	June	July	
	2023	2023	2023	2023	
Construction works for DCS	✓	✓	✓	✓	
Construction works for SB-01 tunnel			✓	✓	
Construction of Underpinning of S14				✓	
Construction of Retaining Wall Type 1 for S14			✓	✓	
ELS and excavation works for retrieving shaft at Sa Po Road	✓				
ELS modification and Backfilling works for Retrieving Shaft at Sa Po Road		✓	✓	✓	
Pre-bored socket H-pile construction works for Slip Road S14	✓	✓	✓		
GI and Grouting works for Slip Road S14				✓	
Erection of falseworks and working platform for decking of Elevated Walkway LW-02	✓	✓	✓	✓	
RC construction for decking of LW-02	✓	✓			
RC construction for decking of Elevated Walkway LW-02			✓	✓	
RC construction for Subway KS10 Lift and Staircase	✓	✓	✓	✓	
RC construction works for lift and staircase of LW-02	✓	✓	✓	✓	
Renovation works for existing subways KS9, KS32 and KS10	✓	✓	✓	✓	
Road and drain construction works for Road L16	✓	√	✓	√	
Road and drain construction works for Olympic Avenue	✓	√	✓	√	
Assembly of RTBM at launching shaft for SB-01	✓	√	✓		

	Reporting Period					
Factors might affect the monitoring results	April 2023	May 2023	June 2023	July 2023		
Non-project related construction activities in the adjacent construction sites were observed.	✓	√	√	✓		

Air Monitor	ing Station		AM3 – Sky Tower				
Date	Measuremen	t Period	Weather	1-hr Average TSP Concentration, μg/m ³			
05/05/2023	9:00 -	10:00		38			
05/05/2023	10:00 -	11:00	Sunny	37			
05/05/2023	11:00 -	12:00		38			
11/05/2023	13:00 -	14:00		46			
11/05/2023	14:00 -	15:00	Sunny	49			
11/05/2023	15:00 -	16:00		52			
17/05/2023	9:00 -	10:00		40			
17/05/2023	10:00 -	11:00	Sunny	43			
17/05/2023	11:00 -	12:00		41			
23/05/2023	9:00 -	10:00		57			
23/05/2023	10:00 -	11:00	Cloudy	61			
23/05/2023	11:00 -	12:00		63			
29/05/2023	13:00 -	14:00		56			
29/05/2023	14:00 -	15:00	Sunny	68			
29/05/2023	15:00 -	16:00		69			
03/06/2023	9:00 -	10:00		28			
03/06/2023	10:00 -	11:00	Fine	31			
03/06/2023	11:00 -	12:00		30			
09/06/2023	9:00 -	10:00		33			
09/06/2023	10:00 -	11:00	Fine	35			
09/06/2023	11:00 -	12:00		33			
15/06/2023	13:00 -	14:00		74			
15/06/2023	14:00 -	15:00	Cloudy	78			
15/06/2023	15:00 -	16:00		75			
21/06/2023	9:00 -	10:00		61			
21/06/2023	10:00 -	11:00	Fine	66			
21/06/2023	11:00 -	12:00		67			
27/06/2023	13:00 -	14:00		43			
27/06/2023	14:00 -	15:00	Fine	49			
27/06/2023	15:00 -	16:00		51			
03/07/2023	13:00 -	14:00		37			
03/07/2023	14:00 -	15:00	Fine	39			
03/07/2023	15:00 -	16:00		38			
08/07/2023	9:00 -	10:00		36			
08/07/2023	10:00 -	11:00	Fine	35			
08/07/2023	11:00 -	12:00		36			
14/07/2023	13:00 -	14:00		54			
14/07/2023	14:00 -	15:00	Fine	57			
14/07/2023	15:00 -	16:00		57			
20/07/2023	9:00 -	10:00		68			
20/07/2023	10:00 -	11:00	Fine	69			
20/07/2023	11:00 -	12:00		70			
26/07/2023	9:00 -	10:00		92			
26/07/2023	10:00 -	11:00	Fine	92			
26/07/2023	11:00 -	12:00		98			

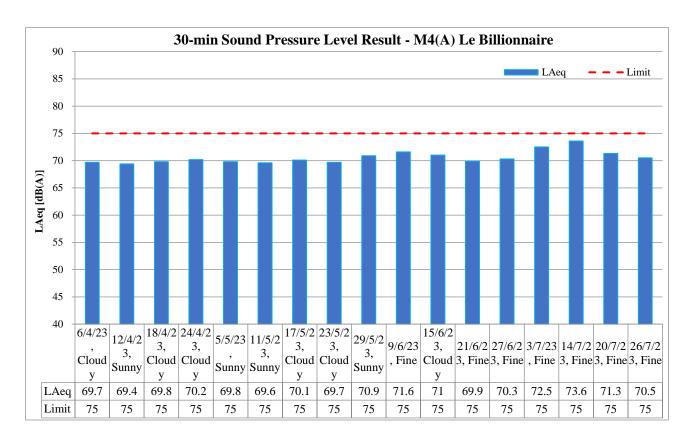


	Reporting Period				
Major Construction Activities	April	May	June	July	
	2023	2023	2023	2023	
Construction works for DCS	✓	✓	✓	✓	
Construction works for SB-01 tunnel			✓	✓	
Construction of Underpinning of S14				✓	
Construction of Retaining Wall Type 1 for S14			✓	✓	
ELS and excavation works for retrieving shaft at Sa Po Road	✓				
ELS modification and Backfilling works for Retrieving Shaft at Sa Po Road		✓	✓	✓	
Pre-bored socket H-pile construction works for Slip Road S14	✓	✓	✓		
GI and Grouting works for Slip Road S14				✓	
Erection of falseworks and working platform for decking of Elevated Walkway LW-02	✓	✓	✓	✓	
RC construction for decking of LW-02	✓	✓			
RC construction for decking of Elevated Walkway LW-02			✓	✓	
RC construction for Subway KS10 Lift and Staircase	✓	✓	✓	✓	
RC construction works for lift and staircase of LW-02	✓	✓	✓	✓	
Renovation works for existing subways KS9, KS32 and KS10	✓	✓	✓	✓	
Road and drain construction works for Road L16	✓	√	✓	√	
Road and drain construction works for Olympic Avenue	✓	√	✓	√	
Assembly of RTBM at launching shaft for SB-01	✓	√	✓		

	Reporting Period					
Factors might affect the monitoring results	April 2023	May 2023	June 2023	July 2023		
Non-project related construction activities in the adjacent construction sites were observed.	✓	√	√	✓		

30-minute Noise

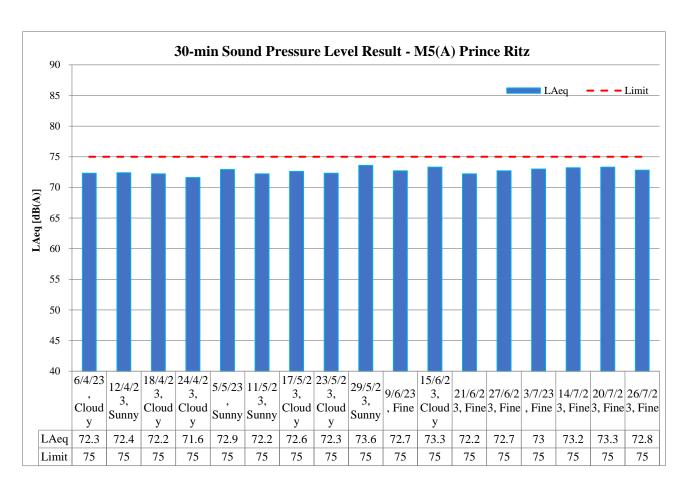
Noise Mo	nitoring	Sta	tion	M4(A) – Le Billionnaire				
Date		sure eric	ment od	Weather	$L_{Aeq}, dB(A)$	$L_{Aeq}, dB(A)$ $L_{A10}, dB(A)$		
05/05/2023	9:15	-	9:45	Sunny	69.8	71.2	67.9	
11/05/2023	13:20	-	13:50	Sunny	69.6	70.9	67.5	
17/05/2023	9:30	-	10:00	Cloudy	70.1	71.4	68.2	
23/05/2023	13:15	-	13:45	Cloudy	69.7	71.2	67.7	
29/05/2023	9:31	-	10:01	Sunny	70.9	71.9	69.8	
09/06/2023	9:14	-	9:44	Fine	71.6	72.6	70.6	
15/06/2023	13:20	-	13:50	Cloudy	71.0	71.9	68.5	
21/06/2023	9:15	-	9:45	Fine	69.9	71.3	67.4	
27/06/2023	13:30	-	14:00	Fine	70.3	72.3	69.0	
03/07/2023	9:20	-	9:50	Fine	72.5	74.5	70.9	
14/07/2023	9:15	-	9:45	Fine	73.6	76.8	69.5	
20/07/2023	13:30	-	14:00	Fine	71.3	73.1	68.7	
26/07/2023	13:30	-	14:00	Fine	70.5	72.7	67.1	



		Reporting Period				
Major Construction Activities	April	May	June	July		
	2023	2023	2023	2023		
Construction works for DCS	✓	✓	✓	✓		
Construction works for SB-01 tunnel			✓	✓		
Construction of Underpinning of S14				✓		
Construction of Retaining Wall Type 1 for S14			✓	✓		
ELS and excavation works for retrieving shaft at Sa Po Road	✓					
ELS modification and Backfilling works for Retrieving Shaft at Sa Po Road		✓	✓	✓		
Pre-bored socket H-pile construction works for Slip Road S14	✓	✓	✓			
GI and Grouting works for Slip Road S14				✓		
Erection of falseworks and working platform for decking of Elevated Walkway	√	1	1	\ \		
LW-02	•	•	,	•		
RC construction for decking of LW-02	✓	✓				
RC construction for decking of Elevated Walkway LW-02			✓	✓		
RC construction for Subway KS10 Lift and Staircase	✓	✓	✓	✓		
RC construction works for lift and staircase of LW-02	✓	✓	✓	✓		
Renovation works for existing subways KS9, KS32 and KS10	✓	✓	✓	✓		
Road and drain construction works for Road L16	✓	✓	✓	✓		
Road and drain construction works for Olympic Avenue	✓	✓	✓	√		
Assembly of RTBM at launching shaft for SB-01	✓	✓	✓			

	Reporting Period					
Factors might affect the monitoring results	April 2023	May 2023	June 2023	July 2023		
Non-project related construction activities in the adjacent construction sites were observed.	√	✓	✓	✓		

Noise Mo	nitoring	Sta	tion	M5(A) – Prince Ritz					
Date		sure eric	ment od	Weather	L_{Aeq} , $dB(A)$	L_{Aeq} , $dB(A)$ L_{A10} , $dB(A)$			
05/05/2023	10:25	-	10:55	Sunny	72.9	74.4	69.5		
11/05/2023	14:30	-	15:00	Sunny	72.2	73.5	68.5		
17/05/2023	10:30	-	11:00	Cloudy	72.6	74.1	69.3		
23/05/2023	14:25	-	14:55	Cloudy	72.3	73.8	68.7		
29/05/2023	10:50	-	11:20	Sunny	73.6	75.4	71.1		
09/06/2023	10:20	-	10:50	Fine	72.7	74.0	70.9		
15/06/2023	14:30	-	15:00	Cloudy	73.3	75.2	70.9		
21/06/2023	10:25	-	10:55	Fine	72.2	74.0	69.7		
27/06/2023	14:30	-	15:00	Fine	72.7	74.5	70.8		
03/07/2023	10:15	-	10:45	Fine	73.0	74.9	71.2		
14/07/2023	10:10	-	10:40	Fine	73.2	74.7	71.3		
20/07/2023	14:20	-	14:50	Fine	73.3	74.0	71.2		
26/07/2023	14:30	-	15:00	Fine	72.8	74.1	70.5		



	Reporting Period				
Major Construction Activities	April	May	June	July	
	2023	2023	2023	2023	
Construction works for DCS	✓	✓	✓	✓	
Construction works for SB-01 tunnel			✓	✓	
Construction of Underpinning of S14				✓	
Construction of Retaining Wall Type 1 for S14			✓	✓	
ELS and excavation works for retrieving shaft at Sa Po Road	✓				
ELS modification and Backfilling works for Retrieving Shaft at Sa Po Road		✓	✓	✓	
Pre-bored socket H-pile construction works for Slip Road S14	✓	✓	✓		
GI and Grouting works for Slip Road S14				✓	
Erection of falseworks and working platform for decking of Elevated Walkway	✓	✓	✓	✓	
LW-02 RC construction for decking of LW-02	1	1			
RC construction for decking of Elevated Walkway LW-02	•	•	✓	✓	
RC construction for Subway KS10 Lift and Staircase	✓	✓	✓	✓	
RC construction works for lift and staircase of LW-02	✓	✓	✓	✓	
Renovation works for existing subways KS9, KS32 and KS10	✓	✓	✓	✓	
Road and drain construction works for Road L16	✓	✓	✓	✓	
Road and drain construction works for Olympic Avenue	✓	✓	✓	✓	
Assembly of RTBM at launching shaft for SB-01	✓	✓	✓		

		Reporting	g Period	
Factors might affect the monitoring results	April 2023	May 2023	June 2023	July 2023
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

E4				Act	ion			
Event		ET		IEC		Supervisor / ER		Contractor
Action Level being exceeded by one sampling	1. 2. 3.	Identify source and investigate the causes of exceedance; Inform Contractor, IEC and Supervisor /ER; Repeat measurement to confirm finding.	1.	Check monitoring data submitted by ET; Check Contractor's working method.	1.	Notify Contractor.	1. 2.	Rectify any unacceptable practice; Amend working methods if appropriate.
Action Level being exceeded by two or more consecutive sampling	1. 2.	Identify source and investigate the causes of exceedance; Inform Contractor, IEC	1. 2.	Check monitoring data submitted by ET; Check Contractor's working method;	1. 2.	Confirm receipt of notification of exceedance in writing; Notify Contractor;	1. 2.	Discuss with ET and IEC on proper remedial actions; Submit proposals for
	3.	and Supervisor /ER; Increase monitoring frequency to daily; Discuss with IEC and	3.	Discuss with ET and Contractor on possible remedial measures; Advise the Supervisor /ER	3.	In consolidation with the IEC, agree with the Contractor on the remedial measures to be		remedial actions to Supervisor /ER and IEC within three working day of notification;
	5.	Contractor on remedial actions required; Assess the effectiveness of Contractor's remedial actions;	7.	on the effectiveness of the proposed remedial measures.	4.5.	implemented; Supervise implementation of remedial measures; Conduct meeting with ET and IEC if exceedance	3. 4.	Implement the agreed proposals; Amend proposal if appropriate.
	6. 7.	If exceedance continues, arrange meeting with IEC and Supervisor /ER; If exceedance stops, cease				continues.		
Timit Laval being	1	additional monitoring.	1	Charle manitoring data	1	Confirm receipt of	1	Take immediate action to
Limit Level being exceeded by one sampling		Identify source and investigate the causes of exceedance;	1.	Check monitoring data submitted by ET; Check Contractor's	1.	Confirm receipt of notification of exceedance in writing;	1. 2.	avoid further exceedance; Discuss with ET and IEC
1 0	2.	Inform Contractor, IEC, Supervisor /ER, and EPD;	3.	working method; Discuss possible remedial	2. 3.	Notify Contractor; In consolidation with the		on proper remedial actions;
	3.	Repeat measurement to confirm finding;		measures with ET and Contractor;		IEC, agree with the Contractor on the remedial	3.	
	4.	Assess effectiveness of	4.	Advise the Supervisor /ER		measures to be		Supervisor /ER and IEC

Event and Action Plans fo	r Construction Dust Monitoring					
Event		Acti	ion			
Event	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	confirm findings; 3. Carry out analysis of Contractor's working procedures to identify source and investigate the	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	 Confirm receipt of notification of exceedance in writing; Notify Contractor; In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; Supervise implementation of remedial measures; If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated. 	 Take immediate action to avoid further exceedance; Discuss with ET and IEC on proper remedial actions; Submit proposal for remedial actions to Supervisor /ER and IEC within three working days of notification; Implement the agreed proposals; Submit further remedial actions if problem still not under control; Stop the relevant portion of works as instructed by the Supervisor /ER until the exceedance is abated. 		

F4	Action								
Event	ET	IEC	Supervisor / ER	Contractor					
Action Level being exceeded	 Notify Supervisor / ER, IEC and Contractor; Carry out investigation; Report the results of investigation to the IEC, Supervisor / ER and Contractor; Discuss with the IEC and Contractor on remedial measures required; Increase monitoring frequency to check mitigation effectiveness. (The above actions should be taken within 2 working days after the exceedance is identified.) 	remedial measures submitted by the Contractor and advise the ER accordingly;	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;	 Submit noise mitigation proposal to IEC and Supervisor / ER; 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.)	Confirm receipt of notification of failure in writing; Notify Contractor; In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; Supervise the implementation of remedial measures; If exceedance continues, consider stopping the Contractor to continue working on that portion of	 Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC and Supervisor /ER within 3 working days or notification; Implement the agreed proposal; Submit further proposal in problem still not under control; Stop the relevant portion or works as instructed by the Supervisor /ER until the exceedance is abated. 					

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

Event and Action Plans fo	r Landscape and Visual Impact			
Evon4		Act	tion	
Event	ET	IEC	Supervisor / ER	Contractor
Design Check	1. Check final design conforms to the requirements of EP and prepare report.	Check report. Recommend remedial design if necessary.	Undertake remedial design if necessary.	
Non-conformity on one occasion	 Identify Source. Inform IEC and Supervisor /ER. Discuss remedial actions with IEC, Supervisor /ER and Contractor. Monitor remedial actions until rectification has been completed. 	 Check report. Check Contractor's working method. Discuss with ET and Contractor on possible remedial measures. Advise Supervisor /ER on effectiveness of proposed remedial measures. Check implementation of remedial measures. 	Notify Contractor. Ensure remedial measures are properly implemented.	Amend working methods. Rectify damage and undertake any necessary replacement.
Repeated Non-conformity	 Identify Source. Inform IEC and Supervisor /ER. Increase monitoring frequency. Discuss remedial actions with IEC, Supervisor /ER and Contractor. Monitor remedial actions until rectification has been completed. If non-conformity stops, cease additional monitoring. 	 Check monitoring report. Check Contractor's working method. Discuss with ET and Contractor on possible remedial measures. Advise Supervisor /ER on effectiveness of proposed remedial measures. Supervise implementation of remedial measures. 	Notify Contractor. Ensure remedial measures are properly implemented.	Amend working methods. Rectify damage and undertake any necessary replacement.

Appendix F – Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE FOR <u>2023</u> (YEAR)

	Actual Quantities of Inert C&D Materials Generated Monthly						Actu	al Quantities o	f C&D Wastes	Generated Mo	onthly		
Month	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	0.67	0.00	0.67	0.00	0.09	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.01
FEB	0.81	0.00	0.81	0.00	0.08	0.00	0.73	0.00	0.00	0.00	0.00	0.00	0.01
MAR	0.79	0.00	0.79	0.00	0.08	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.01
APR	1.18	0.00	1.18	0.00	0.09	0.00	1.09	0.00	0.00	0.00	0.00	0.00	0.01
MAY	1.01	0.00	1.01	0.00	0.09	0.00	0.92	0.00	0.00	0.00	0.00	0.00	0.01
JUNE	0.23	0.00	0.23	0.00	0.05	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.01
SUB- TOTAL	4.69	0.00	4.69	0.00	0.48	0.00	4.21	0.00	0.00	0.00	0.00	0.00	0.06
JULY	0.30	0.00	0.30	0.00	0.06	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.01
AUG													
SEPT													
OCT													
NOV	·	·	·		·			·		·			
DEC													
TOTAL	4.99	0.00	4.99	0.00	0.54	0.00	4.45	0.00	0.00	0.00	0.00	0.00	0.07

Appendix G – Environmental Mitigation Implementation Schedule (EMIS)

EIA Ref	Recommended Mitigation Measures	In	npleme	entatio	n
	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 pretreatment 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 pend. 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.	Ŋ			
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 m³ 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 m3 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.	V			
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.	V			
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.	\square			
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.		V		
S8.8	Drainage 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.	V			
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.	V			
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	Sewage Effluent 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.	V			
S8.8	Stormwater Discharges Minimum distances of 100 m should be maintained between the existing or planned stormwater discharges and the existing or planned seawater intakes	V			
S8.8	Debris and Litter 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	\square			

EIA Ref	Recommended Mitigation Measures	lm	npleme	entatio	n
	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.	V			
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.	V			
S8.8	Stockpiling of construction materials and dusty materials should be covered and located away from any water courses.		V		
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		V		
S8.8	Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the waterfront, where practicable.	V			
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.	V			
S8.8	Construction effluent, site run-off and sewage should be properly collected and/or treated.	V			
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.	V			
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.	V			
S8.8	Supervisory staff should be assigned to station on site to closely supervise and monitor the works		V		
Part C 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		V		
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.		V		
	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.	V			
	Material stockpiles and other structures should be effectively utilized, wherever practicable, in screening noise from on-site construction activities.	V			
Part D W	Vaste / 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		V		
	Training of site personnel in site cleanliness, proper waste management and chemical waste handling procedures		V		
	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	Ĭ			
	Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors. Separation of chemical wastes for special handling and appropriate treatment	V			
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	lm	npleme	entatio	n
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	\(\)			
C0 E	contamination of construction materials Construction and Demolition Material				
S9.5	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 leading, unloading or transfer				
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"	Ø			
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 Waste Disposal (Chemical Waste) (General) Regulation	☑			
Part E La	andscape & 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.		V		
Part F A	ir 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.			N	
S6.8	Misting for the dusty material should be carried out before being loaded into the vehicle.	V			
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.	V			
S6.8	The tarpaulin should be properly secured and should extent at least 300 mm over the edges of the sides and tailboards. The material should also be dampened if necessary before transportation	V			
S6.8	The vehicles should be restricted to maximum speed of 10 km per hour and confined haulage and delivery vehicle to designated roadways insider the site. On site unpaved roads should be compacted and kept free of lose materials		\		
S6.8	Vehicle washing facilities should be provided at every vehicle exit point	V			
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.		V		
S6.8	Every main haul road should be-scaled with concrete and kept clear of dusty materials or sprayed with water so as to maintain the entire road surface wet.		V		

EIA Ref	Recommended Mitigation Measures	In	npleme	entation	
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.		V		
S6.8	Every vehicle should be washed to remove any dusty materials from its body and wheels before leaving the construction sites.		V		
S6.5	8 times daily watering of the work site with active dust emitting activities.		V		

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

Reporting Period: May to July 2023

Contract N	No.	Record of Complaint (Yes/No)	Record of Warning (Yes/No)	Notification of Summons and Successful Prosecutions (Yes/No)
ED/2018/0	5	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
ĺ	ED/2018/05	1	0	0