

98th Consolidated Monthly EM&A Report (December 2024)

0087/16/ED/1244 [00]

Contact No. KLN/2016/05 - Independent Environmental Checker for Contract No. KL/2015/02 Kai Tak Development- Stage 5A Infrastructure at Former North Apron Area

Document Control

Document Information

Project Title	Contact No. KLN/2016/05 - Independent Environmental Checker for Contract No. KL/2015/02 Kai Tak Development- Stage 5A Infrastructure at Former North Apron Area
Document Title	98th Consolidated Monthly EM&A Report (December 2024)
Fugro Project No.	0087/16
Fugro Document No.	0087/16/ED/1244
Issue Number	[00]

Client Information

Client	Civil Engineering and Development Department	
Client Address	East Development Office, East Division 4,	
Client Address	8/F, South Tower, West Kowloon Government Offices, 11 Hoi Ting Road, Yau Ma Tei, Kowloon	

Project Team

Initials	Name	Role	Signature
CL	Calvin M.P. Leung	Independent Environmental Checker	Cabin Leuns
WS	Wingo H.W. So	Environmental Consultant	Wing
EC	Eric T. Chan	Assistant Environmental Consultant	2-p



Contents

Exe	ecutive Summary	2
1.	Introduction	5
2.	Environmental Monitoring and Audit	9
3.	Site Inspection	11
4.	Environmental Complaint and Non-Compliance	12
5.	Implementation Status of Environmental Mitigation Measures	13
6.	Future Key Issues	14
7.	Conclusions	17

Appendices

Appendix A Monthly EM&A Report For Contract No. KL/2015/02 Kai Tak Development - Stage 5A Infrastructure at Former North Apron Area Appendix B Monthly EM&A Report For Contract No. ED/2018/01 Kai Tak Development - Stage 4 infrastructure at the former runway and south apron



Executive Summary

- i. This is the 98th Consolidated Monthly EM&A Report which summaries the EM&A works undertaken by respective contract under EP-337/2009 within the period between 1 December and 31 December 2024.
- ii. The construction activities undertaken in the reporting month are summarized as follow:

Contract No. KL/2015/02:

- Construction of road D1 footway drainage system
- Finishing work of Staircase ST2
- Road D1 footway road paving works
- Lift LT2 Lift installation works

Contract No. ED/2018/01:

- Construction of footing for Glass-reinforced Cement (GRC) seating at Open Space and Promenade
- Hard landscaping works at Elevated Landscape Deck
- Installation of Glass-reinforced Cement (GRC) seating at Open Space and Promenade
- Internal finishing works of Observation Deck
- External finishing works of Saltwater & Sewage Pumping Station
- Internal finishing works at Toilet cum and Changing Room
- Soft landscaping works at Open Space and Promenade
- Installation of glass balustrade along seafront of Open Space and Promenade
- Hard landscaping works at Open Space and Promenade
- Installation of light pole and bollard at Open Space and Promenade

Breaches of the Action and Limit Levels

- iii. No Action / Limit Level exceedance was recorded for 24-hr TSP monitoring in the reporting month.
- iv. No Action / Limit Level exceedance was recorded for 1-hr TSP monitoring in the reporting month.
- v. No Limit Level exceedance was recorded for noise monitoring in the reporting month.

Complaint, Notification of Summons and Successful Prosecution

vi. No complaint, notification of summons or prosecution was received for Contract No. Contract No. KL/2015/02 and Contract No. ED/2018/01 in this reporting month.

Reporting Changes

vii. There was no reporting change in the reporting month.



Future Key Issues

viii. The potential environmental impacts for the coming month and the control measures are shown in Table I:

Major Environmental Impact	Control Measures				
Contract No. KL/2015/02:					
	 <u>Air quality impact (dust)</u> Frequent watering of haul road and unpaved/exposed areas; Frequent watering or covering stockpiles with impervious materials or maintained wet; and Watering of any earth moving activities. 				
	 Water quality impact (surface runoff) Diversion of the collected effluent to de-silting facilities for treatment prior to discharge to public storm water drains; Provision of adequate de-silting facilities for treating surface run-off and other collected effluents prior to 				
Noise, dust impact, water quality and waste generation	 discharge; Provision of perimeter protection such as sealing of hoarding footings to avoid run-off from entering the existing storm water drainage system via public road; and 				
	 <u>Noise Impact</u> Machines and Plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; Regular maintenance of machines; and Use of movable noise barriers if necessary. 				
	 Waste /Chemical Management Avoided oil leakage from PME Provided drip tray with adequate capacity and well maintained to chemical and oil containers 				
Contract No. ED/2018/01:					
The mitigation measures environmental impact including Quality, Construction Noise, Water Quality, Chemical and Wa Management, Landscape and Vis shall be implemented:	• Properly cover the stockpiles, ste • Good maintenance to the plant and equipment				



Major Environmental Impact	Control Measures		
	 Appropriate desilting/ sedimentation devices provided on site for treatment before discharge, Well maintain the drainage system to prevent the spillage of wastewater during heavy rainfall, 		
	 Onsite waste sorting and implementation of trip tick system, 		
	• Good management and control on construction waste reduction,		
	 Erection of decorative screen hoarding, 		
	• Strictly following the Environmental Permits and Licenses, and		
	 Provide sufficient mitigation measures as recommended in Approved EIA Reports. 		



1. Introduction

1.1 Background

- 1.1.1 The Kai Tak Development is located in the south-eastern 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.
- 1.1.2 A study of environmental impact assessment (EIA) was undertaken to consider the key issues of air quality, noise, water quality, waste, land contamination, cultural heritage and landscape and visual impact, and identify possible mitigation measures associated with the works. EIA Report (Register No. AEIAR-130/2009) was approved by the Environmental Protection Department (EPD) on 4 March 2009.
- 1.1.3 The EP-337/2009 was issued on 23 April 2009 for the new distributor roads serving the planned Kai Tak Development to the following scale and slope:
 - a. Road D1 a dual 2-lane carriageway of approximately 1.3 km long.
 - b. Road D2 a dual 3-lane carriageway of approximately 1.1 km long.
 - c. Road D3 a dual 2-lane carriageway of approximately 2.3 km long.
 - d. Road D4 a dual 2-lane carriageway of approximately 0.9 km long.
- 1.1.4 The Civil Engineering and Development Department HKSAR has appointed Fugro Technical Services Limited (FTS) to undertake the role of Independent Environmental Checker (IEC) for the Contract No. KL/2015/02.
- 1.1.5 This is the 98th Consolidated Monthly EM&A Report which summaries the EM&A works undertaken by respective contract under EP-337/2009 within the period between 1 December and 31 December 2024.

1.2 Summary of relevant Contract Information of Key Personnel

Party	Position	Name	Telephone	Fax/ E-mail	
Contract No. KL/2015/02:					
Project Proponent (CEDD)	Senior Engineer	Mr. Ricky Chan	3579 2452	2739 0076	
Engineer's Representative (AECOM)	SRE	Mr. Vincent Lee	2798 0771	2210 6110	
IEC (FTS)	IEC	Mr. Calvin Leung	3565 4441	2450 8032	
	ET Leader	Mr. K.S Lee	2151 2091	—3107 1388	
ET (Cinotech)	Audit Team Leader	Ms. Betty Choy	2151 2072		
Main Contractor (PWHJV)	Deputy Site Agent	Mr. W. M. Chen	9736 4284	2398 8301	
Contract No. ED/2018/01:					
	Senior Engineer	Mr. Jason Wong	3579 2453	2739 0076	
Project Proponent (CEDD)	Engineer	Ms. Chan Ka Yan	3579 2458	2739 0076	
Engineer's Representative (AECOM)	CRE	Ms. Fanny Lau	3911 4201	3911 4288	
IEC (Ramboll)	IEC	Mr. Y H Hui	3465 2850	3465 2899	
ET (Ka Shing)	ET Leader	Mr. Chan Pang	6082 2973	2120 7752	



Party	Position	Name	Telephone	Fax/ E-mail
Main Contractor (Penta-Ocean)	EO	Mr. Tony Tang	9433 2628	3465 8898

1.3 Summary of Construction Programme and Activities

- 1.3.1 The construction programme of each Contract is summarized in the appendices of the corresponding Monthly EM&A report.
- 1.3.2 The major construction activities undertaken in the reporting month are summarized as follow:

Contract No. KL/2015/02:

- Construction of road D1 footway drainage system
- Finishing work of Staircase ST2
- Road D1 footway road paving works
- Lift LT2 Lift installation works

Contract No. ED/2018/01:

- Construction of footing for Glass-reinforced Cement (GRC) seating at Open Space and Promenade
- Hard landscaping works at Elevated Landscape Deck
- Installation of Glass-reinforced Cement (GRC) seating at Open Space and Promenade
- Internal finishing works of Observation Deck
- External finishing works of Saltwater & Sewage Pumping Station
- Internal finishing works at Toilet cum and Changing Room
- Soft landscaping works at Open Space and Promenade
- Installation of glass balustrade along seafront of Open Space and Promenade
- Hard landscaping works at Open Space and Promenade
- Installation of light pole and bollard at Open Space and Promenade



1.4 Summary of Inter-relationship with the environmental protection/ mitigation measures with the construction programme

1.4.1 The summary of inter-relationship with environmental protection/mitigation measures are presented as follow:

Major Environmental Impact	Control Measures
Contract No. KL/2015/02:	
Noise, dust impact, water quality and waste generation	 Sufficient watering of the works site with active dust emitting activities; Properly cover the stockpiles by impervious materials; On-site waste sorting and implementation of trip ticker system Appropriate desilting/sedimentation devices provided or site for treatment before discharge; Well maintain the drainage system to prevent the spillage of wastewater during heavy rainfall; Provide drip trays with adequate capacity and wel maintained to chemicals Provide sufficient mitigation measures as recommended in Approved EIA Report/Lease requirement.
Contract No. ED/2018/01:	
environmental impact including A Quality, Construction Noise, Water Quality, Chemical and Was	• Limitation of the speed for vehicles on unpaved site roads



1.5 Summary Status of Environmental Licences, Notifications and Permits

1.5.1 Detailed relevant environmental licenses, permits and/or notifications on environmental protection for this EP are presented in the appendices of the corresponding Monthly EM&A report.



2. Environmental Monitoring and Audit

2.1 Results and Observations

Air Quality

- 2.1.1 The schedule of air quality monitoring in reporting month is provided in the appendices of the corresponding Monthly EM&A report.
- 2.1.2 The weather conditions during the monitoring are provided in the appendices of the corresponding Monthly EM&A report.
- 2.1.3 The monitoring data of 24-hr TSP and 1 hour TSP are summarized in Table 2.1. Detailed monitoring data are presented in the appendices of the corresponding Monthly EM&A report.

Parameter	Monitoring Station	Average (µg/m³)	Range (µg/ m³)	Action Level (µg/ m ³)	Limit Level (µg/ m³)
Contract No.	<u>KL/2015/02:</u>				
1-hr TSP	AM2	45.0	18.0 – 83.2	346	500
24-hr TSP	AM2(A)	68.5	52.1 – 88.6	157	260
Contract No.	ED/2018/01:				
	AM3	81	36 – 102	182	
24-hr TSP	AM4(A)	/	/ - /	187	260
	AM7	85	49 – 116	181	
	AM3	75	33 – 98	297	
1-hr TSP	AM4(A)	87	41 – 112	326	500
	AM7	83	47 – 110	315	-

 Table 2.1
 Summary of 24-hr and 1 hour TSP Monitoring Results

- 2.1.4 No Action / Limit Level exceedance was recorded for 24-hr TSP monitoring in the reporting month.
- 2.1.5 No Action / Limit Level exceedance was recorded for 1-hr TSP monitoring in the reporting month.
- 2.1.6 The monitoring data of 24-hr TSP was compared with the EIA predictions are presented in the appendices of the corresponding Monthly EM&A report.
- 2.1.7 The Event and Action Plan for air quality is given in the appendices of the corresponding Monthly EM&A report.

<u>Noise</u>

- 2.1.8 The schedule of noise monitoring in reporting month is provided in in the appendices of the corresponding Monthly EM&A report.
- 2.1.9 The noise monitoring data are summarized in Table 2.2. Detailed monitoring data are presented in the appendices of the corresponding Monthly EM&A report.



Monitoring Stations	Construction Noise Level Leq _(30min) dB(A) (Range)	Action Level	Limit Level dB (A)
Contract No. KL/2015/02:			
 M3(A)	64.6 - 76.5#		75
M4	74.9 – 76.4#	- When one	70*
M5(C)	69.5 – 78.3#	- documented	75
Contract No. ED/2018/01:		 complaint is received. 	
 M11	72.4 – 74.0		75
M12	61.2 - 64.0		75

(*) Noise Limit Level is 65 dB(A) during school examination periods.

(*) Measured noise level \leq background / baseline noise level, detailed data refer to the corresponding Monthly EM&A report.

- 2.1.10 The noise monitoring data was compared with the EIA predictions are presented in the appendices of the corresponding Monthly EM&A report.
- 2.1.11 No Action / Limit Level exceedance was recorded for noise monitoring in the reporting month.
- 2.1.12 The Event and Action Plan for noise is given in in the appendices of the corresponding Monthly EM&A report.

Landscape and Visual

2.1.13 Site audits were carried out on a weekly basis to monitor and audit the landscape and visual mitigation measures within the site boundaries of this Project. Detailed of observations are presented in the appendices of the corresponding Monthly EM&A report.



3. Site Inspection

3.1 Site Inspection

- 3.1.1 Site inspections were carried out weekly to monitor the implementation of proper environmental pollution control and mitigation measures for the Project.
- 3.1.2 Detailed of observation, recommendation of site inspections and summary of the mitigation measures implementation schedule is provided in the appendices of the corresponding Monthly EM&A Report.



4. Environmental Complaint and Non-Compliance

4.1 Complaints, Notification of Summons and Prosecution

4.1.1 The summary of complaints, notification of summons and prosecution in the reporting month are shown as Table 4.1.

Table 4.1 Summar	v of Complaints	Notification	of Summons and	Prosecution
Tuble 4.1 Summar	y or complaints	, Notification ,	or Summons and	1103ccution

0	NA
0	NA
0	NA
0	NA
	0 0 0 0

4.1.2 Detailed records are presented in the appendices of the corresponding Monthly EM&A report.



5. Implementation Status of Environmental Mitigation Measures

5.1 Implementation Status

5.1.1 The Contractor has implemented environmental mitigation measures and requirements as stated in the EIA Reports, the EP and the EM&A Manuals. The implementation status of the mitigation measures during the reporting month are presented in the appendices of the corresponding Monthly EM&A report.

5.2 Waste Management

5.2.1 The amount of wastes generated of this Project during the reporting month is shown in the appendices of the corresponding Monthly EM&A report.



6. Future Key Issues

6.1 Construction Programme for the Next Two Months

6.1.1 The major site activities undertaken for the coming two months are summarized in follow:

Contract No. KL/2015/02:

- Soft landscaping work of road D1
- Lift installation at LT2
- Construction of irrigation system
- Finishing work at ST2
- Paving work at Road D1
- Meatal works at ST2

Contract No. ED/2018/01:

- Installation of Glass-reinforced Cement (GRC) seating at Open Space and Promenade
- External finishing works of Saltwater & Sewage Pumping Station
- Soft landscaping works at Open Space and Promenade and Elevated Landscape Deck
- Hard landscaping works at Open Space and Promenade and Elevated Landscape Deck
- Installation of light pole and bollard light at Open Space and Promenade
- Internal finishing works of Observation Deck
- Internal finishing works at Toilet cum and Changing Room
- Installation of glass balustrade along seafront of Open Space and Promenade
- E&M works of Saltwater & Sewage Pumping Station
- 6.1.2 The potential environmental impacts arising from the above construction activities and the control measures are shown in Table 6.1:

 Major Environmental Impact
 Control Measures

 Contract No. KL/2015/02:
 Air quality impact (dust)

 Air quality impact (dust)
 • Frequent watering of haul road and unpaved/exposed areas;

 Noise, dust impact, water quality and waste generation
 • Frequent watering or covering stockpiles with impervious materials or maintained wet; and

 Water quality impact (surface runoff)
 • Water quality impact (surface runoff)

 • Diversion of the collected effluent to de-silting facilities for treatment prior to discharge to public storm water drains;

Table 6.1 Summary of Key Issues for the Coming Month and Control Measures



Major Environmental Impact	Control Measures
	 Provision of adequate de-silting facilities for treating surface run-off and other collected effluents prior to discharge;
	 Provision of perimeter protection such as sealing of hoarding footings to avoid run-off from entering the existing storm water drainage system via public road; and
	 Noise Impact Machines and Plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; Regular maintenance of machines; and Use of movable noise barriers if necessary.
	 <u>Waste /Chemical Management</u> Avoided oil leakage from PME Provided drip tray with adequate capacity and well maintained to chemical and oil containers
Contract No. ED/2018/01:	
	 Sufficient watering of the works site with the active dust emitting activities, Limitation of the speed for vehicles on unpaved site roads, Properly cover the stockpiles,
	 Good maintenance to the plant and equipment, Use of quieter plant and Quality Powered Mechanical Equipment (QPME),
environmental impact including Quality, Construction Noise,	 for Provide movable noise barriers, Air Appropriate desilting/ sedimentation devices provided on site for treatment before discharge, Mall maintain the dual part of the second seco
-	 ste• Well maintain the drainage system to prevent the ual spillage of wastewater during heavy rainfall, Onsite waste sorting and implementation of trip ticket system,
	 Good management and control on construction waster reduction, Erection of decorative screen hoarding,
	 Strictly following the Environmental Permits and Licenses, and Provide sufficient mitigation measures as recommended
	in Approved EIA Reports.



6.2 Monitoring Schedules for the Next Month

6.2.1 The tentative schedules for environmental monitoring in the coming month are provided in the appendices of the corresponding Monthly EM&A.



7. Conclusions

- 7.1.1 No Action / Limit Level exceedance was recorded for 24-hr TSP monitoring in the reporting month.
- 7.1.2 No Action / Limit Level exceedance was recorded for 1-hr TSP monitoring in the reporting month.
- 7.1.3 No Limit Level exceedance was recorded for noise monitoring in the reporting month.
- 7.1.4 No complaint, notification of summons or prosecution was received for Contract No. Contract No. KL/2015/02 and Contract No. ED/2018/01 in this reporting month.
- 7.1.5 The potential environmental impacts arising from the coming two months of major construction activities and the control measures are shown in Table 6.1.



Appendix A

Monthly EM&A Report For Contract No. KL/2015/02 Kai Tak Development - Stage 5A Infrastructure at Former North Apron Area



Civil Engineering and Development Department

EP-337/2009 – New Distributor Roads Serving the Planned KTD

Contract No. KLN/2016/04 Environmental Monitoring Works for Contract No. KL/2015/02 Kai Tak Development – Stage 5A Infrastructure at Former North Apron Area

Monthly EM&A Report

December 2024

(Version 1.1)

Certified By	1 - c
	(Environmental Team Leader)

REMARKS:

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

CINOTECH accepts no responsibility for changes made to this report by third parties

CINOTECH CONSULTANTS LTD Room 1710, Technology Park, 18 On Lai Street, Shatin, NT, Hong Kong Tel: (852) 2151 2083 Fax: (852) 3107 1388 Email: info@cinotech.com.hk



FUGRO TECHNICAL SERVICES LIMITED

19/F, Fugro House – KCC2 1 Kwai On Road, Kwai Chung New Territories, Hong Kong

Date13 January 2025Our Ref.MCL/ED/0017/2025/C

Cinotech Consultants Limited Rm 1710, Technology Park, 18 On Lai Street, Shatin, New Territories, Hong Kong

BY EMAIL

Attn.: Mr. K.S Lee

Dear Sir,

Contract No. KL/2015/02 Kai Tak Development –Stage 5A Infrastructure at Former North Apron Verification of Monthly EM&A Report for December 2024

We refer to your emails dated 8 and 13 January 2025 for the captioned report prepared by the ET.

We have no further comment and hereby verify the Report in accordance with Clause 3.3 of Environmental Permit no. EP-337/2009.

Should you require further information, please do not hesitate to contact the undersigned at 3565 4441.

Assuring you of our best attention at all times.

Yours faithfully, For and on behalf of FUGRO TECHNICAL SERVICES LIMITED

Calvin Leung

Independent Environmental Checker

CL/ ws/ ec

c.c. CEDD –

AECOM -

Attn.: Mr. Ricky Chan Attn.: Mr. Michael So Attn.: Mr. Vincent Lee Attn.: Mr. Teddy Shih

TABLE OF CONTENTS

EX	XECUTIVE SUMMARY	1
	Introduction Environmental Monitoring Works Environmental Licenses and Permits Key Information in the Reporting Month Future Key Issues	2 3 3
1	INTRODUCTION	4
	Background Project Organizations Construction Activities undertaken during the Reporting Month Summary of EM&A Requirements	4 5
2	AIR QUALITY	7
	Monitoring Requirements Monitoring Locations Monitoring Equipment Monitoring Parameters, Frequency and Duration Monitoring Methodology and QA/QC Procedure Results and Observations	7 7 8 8
3	NOISE	12
	Monitoring Requirements Monitoring Locations Monitoring Equipment Monitoring Parameters, Frequency and Duration Monitoring Methodology and QA/QC Procedures Maintenance and Calibration Results and Observations	12 12 13 13 14
4	COMPARISON OF EM&A RESULTS WITH EIA PREDICTIONS	16
5	LANDSCAPE AND VISUAL	17
J	Monitoring Requirements Results and Observations	17
6	ENVIRONMENTAL INSPECTION	18
	Site Inspections Review of Environmental Monitoring Procedures Status of Environmental Licensing and Permitting Status of Waste Management Implementation Status of Environmental Mitigation Measures Summary of Mitigation Measures Implemented Implementation Status of Event Action Plans Summary of Complaint, Warning, Notification of any Summons and Successful Prose	18 18 19 19 20 20
7	FUTURE KEY ISSUES	22
	Monitoring Schedule for Next Month	23

8	CONCLUSIONS AND RECOMMENDATIONS	24
	Conclusions	24
	Recommendations	
	Recommendations	•

LIST OF TABLES

Table I	Air Ouality an	d Noise Monitoring	Stations for this Pre-	oiect
I dole I	rin Quanty an		Stations for this I is	oject

- Table II
 Non-compliance Recorded for the Project in the Reporting Month
- Table III
 Summary Table for Key Information in the Reporting Month
- Table 1.1Key Project Contacts
- Table 1.2Construction Programme Showing the Inter-Relationship with Environmental
Protection/Mitigation Measures
- Table 2.1Locations for Air Quality Monitoring
- Table 2.2Air Quality Monitoring Equipment
- Table 2.3
 Impact Dust Monitoring Parameters, Frequency and Duration
- Table 2.4Summary Table of Air Quality Monitoring Results during the reporting month
- Table 3.1Noise Monitoring Stations
- Table 3.2Noise Monitoring Equipment
- Table 3.3Noise Monitoring Parameters, Frequency and Duration
- Table 3.4Major Noise Source identified at the Designated Noise Monitoring Stations
- Table 3.5Baseline Noise Level and Noise Limit Level for Monitoring Stations
- Table 4.1Comparison of 1-hr TSP data with EIA predictions
- Table 4.2Comparison of 24-hr TSP data with EIA predictions
- Table 4.3
 Comparison of Noise Monitoring Data with EIA predictions
- Table 6.1
 Summary of Environmental Licensing and Permit Status
- Table 6.2
 Observations and Recommendations of Site Inspections

LIST OF FIGURES

Figure 1	Site Layout Plan
0	

- Figure 2 Location of Air Quality Monitoring Stations
- Figure 3 Location of Noise Monitoring Stations
- Figure 4 Location of Wind Data Monitoring Equipment

LIST OF APPENDICES

- A Action and Limit Levels for Air Quality and Noise
- B Copies of Calibration Certificates
- C Weather Information
- D Environmental Monitoring Schedules
- E 1-hour TSP Monitoring Results and Graphical Presentations
- F 24-hour TSP Monitoring Results and Graphical Presentations
- G Noise Monitoring Results and Graphical Presentations
- H Summary of Exceedance
- I Site Audit Summary
- J Event Action Plans
- K Environmental Mitigation Implementation Schedule (EMIS)
- L Summaries of Environmental Complaint, Warning, Summon and Notification of Successful Prosecution
- M Summary of Waste Generation and Disposal Records
- N Construction Programme

EXECUTIVE SUMMARY

Introduction

- 1. This is the 96th Monthly Environmental Monitoring and Audit Report prepared by Cinotech Consultants Ltd. for "Contract No. KL/2015/02 Kai Tak Development Stage 5A Infrastructure at Former North Apron Area" (Hereafter referred to as "the Project"). This contract comprises one Schedule 2 designated project (DP), namely the new distributor road D1 serving the planned KTD. The DP is part of the designated project under Environmental Permit (EP) No.: EP-337/2009 ("New distributor roads serving the planned Kai Tak Development") respectively. This report documents the findings of EM&A Works conducted during December 2024.
- 2. With reference to the same principle of EIA report of the Project, air quality monitoring stations within 500m and noise monitoring stations within 300m from the boundary of this Project are considered as relevant monitoring locations. In such regard, the relevant air quality and noise monitoring locations are tabulated in **Table I** (see **Figure 2 and 3** for their locations).

Locations	Monitoring Stations In accordance with EM&A Manual	Alternative Monitoring Stations	
Air Quality Monitoring Stations			
	Yes (1-hour TSP)	N/A	
AM2 - Lee Kau Yan Memorial School	No (24-hour TSP)	AM2(A) – Ng Wah Catholic Secondary School	
Noise Monitoring Stations			
M3 - Cognitio College	No	M3(A) – The Bridge connecting The Latitude	
M4 - Lee Kau Yan Memorial School	Yes	N/A	
M5 – Nam Yuen	No	M5(C) – Mercy Grace's Home	

Table I – Air Quality and Noise Monitoring Stations for this Project

- 3. The major site activities undertaken in the reporting month included:
 - Construction of road D1 footway drainage system
 - Finishing work of Staircase ST2
 - Road D1 footway road paving works
 - Lift LT2 Lift installation works

Environmental Monitoring Works

- 4. Environmental monitoring for the Project was performed in accordance with the EM&A Manual and the monitoring results were checked and reviewed. Site Inspections/Audits were conducted once per week. The implementation of the environmental mitigation measures, Event Action Plans and environmental complaint handling procedures were also checked.
- 5. Summary of the non-compliance in the reporting month for the Project is tabulated in **Table II**.

	No. of Project-rel		
Parameter	Action Level	Limit Level	Action Taken
1-hr TSP	0	0	N/A
24-hr TSP	0	0	N/A
Noise	0	0	N/A

Table II Non-compliance Recorded for the Project in the Reporting Month

1-hour & 24-hour TSP Monitoring

- 6. All 1-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
- 7. All 24-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.

Construction Noise Monitoring

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

2

Environmental Licenses and Permits

- 9. Licenses/Permits granted to the Project include the Environmental Permit (EP) for the Project, EP-337/2009 issued on 23 April 2009. All valid Licenses/Permits for this Project are shown in **Table 6.1**.
 - Billing Account for Construction Waste Disposal (A/C# 7026164).
 - Effluent Discharge License (WT00041367-2022).
 - Registration of Chemical Waste Producer (WPN5213-286-P3271-01).

Key Information in the Reporting Month

10. Summary of key information in the reporting month is tabulated in Table III.

Event	Event Details		Action Taken	Status	Domonia
Event	Number	Nature	Action Taken	Status	Remark
Complaint received			N/A	N/A	
Reporting Changes			N/A	N/A	
Notifications of any summons & prosecutions received			N/A	N/A	

 Table III
 Summary Table for Key Information in the Reporting Month

Future Key Issues

11. The future key environmental issues in the coming two months include:

Stagnant water on the unused and damaged water-filled barriers & uncovered containers - and manhole;

Silt, construction materials or debris being washed through manhole into the drainage system

- Dust generation from excavation works, stockpile storage & rock breaking activities;
- Oil leakage from equipment and mobile plants;

1 INTRODUCTION

Background

- 1.1. The Kai Tak Development (KTD) is located in the south-eastern part of Kowloon Peninsula, 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. It covers a land area of about 328 hectares. Stage 5A Infrastructure at Former North Apron Area is one of the construction stages of KTD. It contains one Schedule 2 DP including new distributor roads serving the planned KTD. The general layout of the Project is shown in **Figure 1**.
- 1.2. An Environmental Permit (EP) No. EP-337/2009 was issued on 23 April 2009 for new distributor roads serving the planned KTD to Civil Engineering and Development Department as the Permit Holder.
- 1.3. A study of environmental impact assessment (EIA) was undertaken to consider the key issues of air quality, noise, water quality, waste, land contamination, cultural heritage and landscape and visual impact, and identify possible mitigation measures associated with the works. An EIA Report (Register No. AEIAR-130/2009) was approved by the Environmental Protection Department (EPD) on 4 April 2009.
- 1.4. Cinotech Consultants Limited (Cinotech) was commissioned by Civil Engineering and Development Department (CEDD) to undertake the role of the Environmental Team (ET) for the Contract No. KL/2015/02 – Stage 5A Infrastructure at Former North Apron Area. The construction work under KL/2015/02 comprises the construction of part of the Road D1 under the EP (EP-337/2009).
- 1.5. Cinotech Consultants Limited was commissioned by Civil Engineering and Development Department (CEDD) to undertake the Environmental Monitoring and Audit (EM&A) works for the Project. The commencement date of construction of Road D1 (part) under this Contract was on 16 January 2017.

Project Organizations

- 1.6. Different parties with different levels of involvement in the project organization include:
 - Project Proponent Civil Engineering and Development Department (CEDD).
 - The Engineer and the Engineer's Representative (ER) AECOM Asia Co. Ltd (AECOM).
 - Environmental Team (ET) Cinotech Consultants Limited (Cinotech).
 - Independent Environmental Checker (IEC) Fugro Technical Services Limited (FTS).
 - Contractor Peako Wo Hing Joint Venture (PWHJV).

Sable 1.1 Key Project Contacts						
Party	Role	Contact Person	Position	Phone No.	Fax No.	
CEDD	Project Proponent	Mr. CHAN Wai Kit, Ricky	Senior Engineer	3579 2452	2739 0076	
AECOM	Engineer's Representative	Mr. Vincent Lee	Senior Resident Engineer	2798 0771	2210 6110	
Cinotech	Cinctach Environmental	Mr. K.S Lee	Environmental Team Leader	2151 2091	3107 1388	
Chloteen	Team	Ms. Betty Choi	Audit Team Leader	2151 2072	5107 1500	
FTS	Independent Environmental Checker	Mr. Calvin Leung	Independent Environmental Checker	3565 4441	2450 8032	
PWHJV	Contractor	Mr. W.M. Chen	Deputy Site Agent	9736 4284	2398 8301	

1.7. The key contacts of the Project are shown in **Table 1.1**.

Construction Activities undertaken during the Reporting Month

- 1.8. The site activities undertaken in the reporting month included:
 - Construction of road D1 footway drainage system
 - Finishing work of Staircase ST2
 - Road D1 footway road paving works
 - Lift LT2 Lift installation works
- 1.9. The construction programme for the Project is shown in **Appendix N**.
- 1.10. The construction programme showing the inter-relationship with environmental protection/mitigation measures are presented in **Table 1.2**.

Construction Works	Major Environmental Impact	Control Measures
Refer to Section 1.8	Dust impact, water quality and waste generation	 Sufficient watering of the works site with active dust emitting activities; Properly cover the stockpiles by impervious materials; On-site waste sorting and implementation of trip ticket system Appropriate desilting/sedimentation devices provided on site for treatment before discharge; Well maintain the drainage system to prevent the spillage of wastewater during heavy rainfall; Provide drip trays with adequate capacity and well maintained to chemicals Provide sufficient mitigation measures as recommended in Approved EIA Report/Lease requirement.

Table 1.2Construction Programme Showing the Inter-Relationship with
Environmental Protection/Mitigation Measures

Summary of EM&A Requirements

- 1.11. The EM&A programme requires construction noise monitoring, air quality monitoring, landscape and visual monitoring and environmental site audit. The EM&A requirements for each parameter are described in the following sections, including:
 - All monitoring parameters;
 - Action and Limit levels for all environmental parameters;
 - Event Action Plans;
 - Environmental requirements and mitigation measures, as recommended in the EM&A Manual under the EP.
- 1.12. The advice on the implementation status of environmental protection and pollution control/mitigation measures is summarized in Section 6 of this report.
- 1.13. This report presents the monitoring results, observations, locations, equipment, period, methodology and QA/QC procedures of the required monitoring parameters, namely air quality and noise levels and audit works for the Project during the reporting month.

2 AIR QUALITY

Monitoring Requirements

2.1. According to EM&A Manual under the EP, 1-hour and 24-hour TSP monitoring were conducted to monitor the air quality for this Project. For regular impact monitoring, a sampling frequency of at least once in every six days at all of the monitoring stations for 24-hour TSP monitoring. For 1-hour TSP monitoring, the sampling frequency of at least three times in every six days shall be undertaken when the highest dust impact occurs. Appendix A shows the established Action/Limit Levels for the environmental monitoring works.

Monitoring Locations

- 2.2. 1-hour TSP impact dust monitoring was conducted at the air quality monitoring station, AM2 - Lee Kau Yan Memorial School and 24-hour TSP impact dust monitoring were conducted at the air quality monitoring station, AM2(A) - Ng Wah Catholic Secondary School in the reporting month. No Action/Limit Level exceedance was recorded.
- 2.3. **Table 2.1** describes the air quality monitoring locations, which are also depicted in **Figure 2**.

Table 2.1	Locations for Air Quality Monitoring
-----------	--------------------------------------

Monitoring Stations	Locations	Location of Measurement
AM2 (1-hour TSP)	Lee Kau Yan Memorial School	Rooftop (about 8/F) Area
AM2(A) (24-hour TSP)	Ng Wah Catholic Secondary School	Rooftop (about 8/F) Area

Monitoring Equipment

2.4. **Table 2.2** summarizes the equipment used in the impact air monitoring programme. Copies of calibration certificates are attached in **Appendix B**.

Tuble 2.2 All Quality Monitoring Equipment			
Equipment	Model and Make	Quantity	
Calibrator	• TISCH TE-5025A	1	
1-hour TSP Dust Meter	• Sibata Scientific Technology LD-5R	2	
HVS Sampler	• TE-5170 c/w of TSP sampling inlet	1	
Wind Anemometer	• Davis Instruments 6152	1	

Table 2.2Air Quality Monitoring Equipment

Monitoring Parameters, Frequency and Duration

2.5. **Table 2.3** summarizes the monitoring parameters and frequencies of impact dust monitoring for the whole construction period. The air quality monitoring schedule for the reporting month is shown in **Appendix D**.

Table 2.3	Impact Dust Monitoring Parameters, Frequency and Duration
	impact Dast Montoring I arameters, I requency and Daration

Parameters	Frequency
1-hr TSP	Three times / 6 days
24-hr TSP	Once / 6 days

Monitoring Methodology and QA/QC Procedure

1-hour TSP Monitoring

Measuring Procedures

2.6. The measuring procedures of the 1-hour dust meters were in accordance with the Manufacturer's Instruction Manual as follows:

(Equipment: Sibata Scientific Technology; Model no. LD-5R)

- The 1-hour dust meter is placed at least 1.3 meters above ground.
- Set POWER to "ON" and make sure that the battery level was not flash or in low level.
- Allow the instrument to stand for about 3 minutes and then the cap of the air sampling inlet has been released.
- Push the knob at MEASURE position.
- Set time/mode setting to [BG] by pushing the time setting switch. Then, start the background measurement by pushing the start/stop switch once. It will take 6 sec. to complete the background measurement.
- Push the time setting switch to change the time setting display to [MANUAL] at the bottom left of the liquid crystal display.
- Finally, push the start/stop switch to stop the measuring after 1 hour sampling.

• Information such as sampling date, time, count value and site condition were recorded during the monitoring period.

Maintenance/Calibration

2.7. The following maintenance/calibration was required for the direct dust meters:

Check the meter at a 3-month interval and calibrate the meter at a 1-year interval throughout all stages of the air quality monitoring.

24-hour TSP Monitoring

Instrumentation

2.8. High volume (HVS) samplers (Model TE-5170), completed 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). Moreover, the HVS also met all the requirements in section 2.5 of the updated EM&A Manual.

Operating/Analytical Procedures

- 2.9. Operating/analytical procedures for the operation of HVS were as follows:
 - A horizontal platform was provided with appropriate support to secure the samplers against gusty wind.
 - No two samplers were placed less than 2 meters 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 2 meters of separation from walls, parapets and penthouses was required for rooftop samples.
 - A minimum of 2 meters separation from any supporting structure, measured horizontally was required.
 - No furnaces or incineration flues were nearby.
 - Airflow around the sampler was unrestricted.
 - The sampler was more than 20 meters from the drip line.
 - Any wire fence and gate, to protect the sampler, should not cause any obstruction during monitoring.
- 2.10. Prior to the commencement of the dust sampling, the flow rate of the high volume sampler was properly set (between $1.1 \text{ m}^3/\text{min.}$ and $1.4 \text{ m}^3/\text{min.}$) in accordance with the manufacturer's instruction to within the range recommended in USEPA Standard Title 40, CFR Part 50.

- 2.11. For TSP sampling, fiberglass filters have a collection efficiency of > 99% for particles of 0.3μm diameter were used.
- 2.12. The power supply was checked to ensure the sampler worked properly. On sampling, the sampler was operated for 5 minutes to establish thermal equilibrium before placing any filter media at the designated air monitoring station.
- 2.13. The filter holding frame was then removed by loosening the four nuts and a weighted and conditioned filter was carefully centered with the stamped number upwards, on a supporting screen.
- 2.14. 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 should be sufficient to avoid air leakage at the edges.
- 2.15. The shelter lid was closed and secured with the aluminium strip.
- 2.16. The timer was then 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).
- 2.17. After sampling, the filter was removed and sent to the HOKLAS laboratory (High Precision Chemical Testing Ltd.) for weighing. The elapsed time was also recorded.
- 2.18. Before weighing, all filters were equilibrated in a conditioning environment for 24 hours. The conditioning environment temperature should be between 25°C and 30°C and not vary by more than \pm 3°C; the relative humidity (RH) should be < 50% and not vary by more than \pm 5%. A convenient working RH is 40%.

Maintenance/Calibration

- 2.19. The following maintenance/calibration was required for the HVS:
 - The high volume motors 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 at bi-monthly intervals using TE-5025A Calibration Kit through/hout all stages of the air quality monitoring.

Results and Observations

- 2.20. All 1-hour & 24-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
- 2.21. The weather information for the reporting month is summarized in Appendix C.
- 2.22. The monitoring data and graphical presentations of 1-hour and 24-hour TSP monitoring results are shown in **Appendices E and F** respectively.
- 2.23. The summary of exceedance record in reporting month is shown in **Appendix H**. No exceedance was recorded for the air quality monitoring.
- 2.24. According to our field observations during the monitoring, the major dust source identified at the two designated air quality monitoring stations are road traffic dust, exposed site area and open stockpiles, excavation works and site vehicle movements.
- 2.25. The summary of 1-hour and 24-hour TSP air quality monitoring results during the reporting month are shown in **Appendix E** and **Appendix F** respectively.

3 NOISE

Monitoring Requirements

3.1. According to EM&A Manuals under the EP, construction noise monitoring was conducted to monitor the construction noise arising from the construction activities within KTD. The regular monitoring frequency for each monitoring station shall be on a weekly basis and conduct one set of measurements between 0700 and 1900 hours on normal weekdays. **Appendix A** shows the established Action and Limit Levels for the environmental monitoring works.

Monitoring Locations

3.2. Three designated monitoring stations were selected for noise monitoring programme. Noise monitoring was conducted at three designated monitoring stations (M3(A), M4, and M5(C)). **Figure 3** shows the locations of these stations.

Monitoring Stations	Locations	Location of Measurement
M3(A)	The Bridge connecting The Latitide	In the middle of the foot bridge connecting The Latitude
M4	Lee Kau Yan Memorial School	Rooftop (about 7/F) Area
M5(C)	Mercy Grace's Home	Ground in front of the building entrance facing Prince Edward Road East (noise monitoring is not allowed on the rooftop from 27 February 2020, due to the coronavirus countermeasure in Mercy Grace's Home)

Table 3.1Noise Monitoring Stations

Monitoring Equipment

3.3. **Table 3.2** summarizes the noise monitoring equipment. Copies of calibration certificates are provided in **Appendix B**.

Table 3.2Noise Monitoring Equipment

Equipment	Model and Make	Qty.
Integrating Sound Level Meter	• BSWA Tech. 308	2
Calibrator	• B&K 4231	1

Monitoring Parameters, Frequency and Duration

3.4. **Table 3.3** summarizes the monitoring parameters, frequency and total duration of monitoring. The noise monitoring schedule is shown in **Appendix D**.

Table 3.3Noise	Monitoring Parameter	rs, Frequency a	and Duration
----------------	----------------------	-----------------	--------------

Monitoring Stations	Parameter	Period	Frequency	Measurement
M3(A) M4 M5(C)	L ₁₀ (30 min.) dB(A) L ₉₀ (30 min.) dB(A) L _{eq} (30 min.) dB(A)	0700-1900 hrs on normal weekdays	Once per week	Façade

Monitoring Methodology and QA/QC Procedures

- The Sound Level Meter was set on a tripod at a height of 1.2 m above the ground.
- The battery condition was checked to ensure the correct functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:

_	frequency	weighting	: A

- time weighting : Fast
- time measurement : 30 minutes
- Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94.0 dB at 1000 Hz. If the difference in the calibration level before and after measurement was more than 1.0 dB, the measurement would be considered invalid and repeat of noise measurement would be required after recalibration or repair of the equipment.
- The wind speed was frequently checked with the portable wind meter.
- At the end of the monitoring period, the L_{eq}, L₉₀ and L₁₀ were recorded. In addition, site conditions and noise sources were recorded on a standard record sheet.
- Noise measurement was paused temporarily during periods of high intrusive noise if possible and observation was recorded when intrusive noise was not avoided.
- Noise monitoring was cancelled in the presence of fog, rain, and wind with a steady speed exceeding 5 m/s, or wind with gusts exceeding 10 m/s.

Maintenance and Calibration

- 3.5. The microphone head of the sound level meter and calibrator were cleaned with a soft cloth at quarterly intervals.
- 3.6. The sound level meter and calibrator were checked and calibrated at yearly intervals.
- 3.7. Immediately prior to and following each noise measurement the accuracy of the sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements may be accepted as valid only if the calibration levels from before and after the noise measurement agree to within 1.0 dB.

Results and Observations

- 3.8. All construction noise monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded. The summary of exceedance record in reporting month is shown in **Appendix H**.
- 3.9. The baseline noise level and the Noise Limit Level at each designated noise monitoring station are presented in **Table 3.5**.
- 3.10. Noise monitoring results and graphical presentations are shown in Appendix G.
- 3.11. The major noise source identified at the designated noise monitoring stations are shown in **Table 3.4**.

Monitoring Stations	Locations	Major Noise Source
M3(A)	The Bridge connecting The Latitude	Traffic Noise Site vehicle movement
M4	Lee Kau Yan Memorial School	Traffic Noise Site vehicle movement Daily school activities
M5(C)	Mercy Grace's Home	Traffic Noise Site vehicle movement

 Table 3.4
 Major Noise Source identified at the Designated Noise Monitoring Stations

Station	Baseline Noise Level, dB (A)	Noise Limit Level, dB (A)
	N/A ⁽¹⁾	75
M3(A)	(at 0700 – 1900 hrs on normal	(at 0700 – 1900 hrs on
	weekdays)	normal weekdays)
	76.7 ⁽²⁾	70 ^(*)
M4	(at 0700 – 1900 hrs on normal	(at 0700 – 1900 hrs on
	weekdays)	normal weekdays)
	N/A ⁽¹⁾	75
M5(C)	(at 0700 – 1900 hrs on normal	(at 0700 – 1900 hrs on
	weekdays)	normal weekdays)

Table 3.5 **Baseline Noise Level and Noise Limit Level for Monitoring Stations**

(*) Noise Limit Level is 65 dB(A) during school examination periods.

Note (1): The background Noise Level was recorded during the Lunch Hour of Construction Site

(i.e. 12:00-13:00) and to be used as the referencing value for compliance checking for Noise Action and Limit Level.

Note (2): The noise level due to the construction work (CNL) was calculated by the following formula: $CNL = 10 \log (10^{MNL/10} - 10^{BNL/10})$

Remarks: MNL = Measured Noise Level, BNL = Baseline Noise Level

4 COMPARISON OF EM&A RESULTS WITH EIA PREDICTIONS

4.1. The EM&A data was compared with the EIA predictions as summarized in **Tables 4.1** to **4.3**.

	Predicted 1-l	nr TSP conc.		asured SP conc.
Station	Scenario1 (Mid 2009 to Mid-	Scenario2 (Mid 2013 to Late		ng Month 2024), μg/m ³
	2013), μg/m ³	2016), μg/m ³	Average	Range
AM2 – Lee Kau Yan Memorial School	290	312	45.0	18.0 - 83.2

Table 4.1 Comparison of 1-hr TSP data with EIA predictions

Table 4.2	Comparison	of 24-hr 1	CSP data	with EIA	nredictions
1 abie 4.2	Comparison	01 24-111 1	isi uata		predictions

	Predicted 24-hr TSP conc.		Measured 24-hr TSP conc.	
Station	Scenario1 (Mid 2009 to Mid-2013),	Scenario2 (Mid 2013 to	Reportin (December 2	
	μg/m ³	Late 2016), µg/m ³	Average	Range
AM2(A) - Ng Wah				
Catholic Secondary	145	169	68.5	52.1 - 88.6
School				

Table 4.3 Comparison of Noise Monitoring Data with EIA predictions

Stations	Predicted Mitigated Construction Noise Levels during Normal Working Hour (L _{eq (30min)} dB(A))	Reporting Month (December 2024), L _{eq (30min)} dB(A)
M3(A) – The Bridge connecting The Latitude	Not predicted in EIA Report	$64.6 - 76.5^{(2)}$
M4 – Lee Kau Yan Memorial School	47 – 74	$74.9 - 76.4^{(1)}$
M5(C) – Mercy Grace's Home	Not predicted in EIA Report	69.5 - 78.3 ⁽²⁾

Remarks:

(1) Since the baseline noise level was higher than those recorded during the construction period, the recorded noise levels were considered non-valid exceedance of Noise Limit Level.

(2) Since the background noise level was higher than those recorded during the construction period, the recorded noise levels were considered non-valid exceedance of Noise Limit Level.

- 4.2. The average 1-hour TSP concentrations at AM2 in the reporting month were below the prediction in the approved Environmental Impact Assessment (EIA) Report.
- 4.3. The average 24-hour TSP concentrations at AM2(A) in the reporting month were below the prediction in the approved EIA Report.
- 4.4. The noise monitoring results in the reporting month from M4 were slightly higher than the range of the predicted mitigated constriction noise levels in the EIA Report.

4.5. Construction noise levels at M3(A) and M5(C) were not predicted in EIA Report.

5 LANDSCAPE AND VISUAL

Monitoring Requirements

5.1. According to EM&A Manual of the Kai Tak Development EIA Study, ET shall monitor and audit the contractor's operation during the construction period on a weekly basis, and to report on the contractor's compliance.

Results and Observations

- 5.2. Site audits were conducted on a weekly basis to monitor the timely implementation of landscape and visual mitigation measures within the site boundaries of this Project. The summaries of site audits are attached in **Appendix I**.
- 5.3. No non-compliance of the landscape and visual impact was recorded in the reporting month.
- 5.4. Should non-compliance of the landscape and visual impact occur, action in accordance with the action plan presented in **Appendix J** shall be performed.

6 ENVIRONMENTAL INSPECTION

Site Inspections

- 6.1. 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. The summaries of site inspections are attached in **Appendix I**.
- 6.2. Site inspections were conducted on 02, 11, 16, 23 & 30 December 2024 in the reporting month. A joint site inspection with the representative of IEC, ER, the Contractor and the ET was conducted on 11 December 2024. The details of the observations during site inspection are summarized in **Table 6.2**.

Review of Environmental Monitoring Procedures

6.3. The monitoring works conducted by the monitoring team were inspected regularly. The following observations have been recorded for the monitoring works:

Air Quality Monitoring

- The monitoring team recorded all observations around the monitoring stations within and outside the construction site.
- The monitoring team recorded the temperature and weather conditions on the monitoring days.

Noise Monitoring

- The monitoring team recorded all observations around the monitoring stations, which might affect the monitoring result.
- Major noise sources were identified and recorded. Other intrusive noise attributing to the result was trimmed off by pausing the monitoring temporarily.

Status of Environmental Licensing and Permitting

6.4. All permits/licenses obtained for the Project are summarized in **Table 6.1**.

Cable 6.1 Summary of Environmental Licensing and Permit Status				
D	Valid I	Valid Period		
Permit No.	From	То	Status	
Environmental Permit (EP)				
EP-337/2009	23 Apr 2009	N/A	Valid	
Effluent Discharge License				
WT00027495-2017	28 Mar 2017	31 Mar 2022	Expired	
WT00041367-2022	20 Jun 2022	31 Mar 2027	Valid	
Billing Account for Construction W	Vaste Disposal			
A/C# 7026164	20 Oct 2016	N/A	Valid	
Registration of Chemical Waste Pr	oducer			
WPN5213-229-P3271-01	14 Aug 2017	N/A	Valid	
Construction Noise Permit (CNP)				
GW-RE0915-19	08 Nov 2019	04 May 2020	Expired	
GW-RE0984-19	15 Dec 2019	24 Feb 2020	Expired	
GW-RE0083-20	01 Mar 2020	01 June 2020	Expired	
GW-RE0266-20	02 May 2020	31 Jul 2020	Expired	
GW-RE0779-21	30 Jul 2021	30 Nov 2021	Expired	
GW-RE0858-21	31 Jul 2021	30 Aug 2021	Expired	
GW-RE0636-23	06 Jun 2023	30 Jun 2023	Expired	
GW-RE0637-23	06 Jun 2023	30 Jun 2023	Expired	

T. I.I. (1 a e T חו :4 C4a4

Status of Waste Management

6.5. The amount of wastes generated by the major site activities of this Project during the reporting month is shown in **Appendix M**.

Implementation Status of Environmental Mitigation Measures

6.6. During site inspections in the reporting month, no non-conformance was identified. ET weekly site inspections were carried out during the reporting month and the observations and recommendations are summarized in **Table 6.2**.

Table 6.2 Observations and Recommendations of Site Inspections				
Parameters	Date	Observations and Recommendations	Follow-up/Rectification	
Water Quality	N/A	No environmental deficiency was identified in the reporting period.	N/A	
Air Quality	N/A	No environmental deficiency was identified in the reporting period.	N/A	
Noise	N/A	No environmental deficiency was identified in the reporting period.	N/A	
	02 December 2024	Oil leakage from breaker head was observed	The breaker head was removed.	
Waste/ Chemical Management	11 December 2024	Accumulation of general refuse should be avoided.	Accumulation of general refuse was cleaned.	
munugement	16 December 2024	Oil leakage from the breaker head was observed.	Impervious materials material was provided to place under the breaker head to prevent oil leakage on the ground.	
Landscape and Visual	N/A	No environmental deficiency was identified in the reporting period.	N/A	
Permits/ Licenses	N/A	No environmental deficiency was identified in the reporting period.	N/A	

Table 6.2	Observations and Recommendations of Site Inspections
-----------	---

Summary of Mitigation Measures Implemented

6.7. An updated summary of the EMIS is provided in **Appendix K**.

Implementation Status of Event Action Plans

6.8. The Event Action Plans for air quality, noise and landscape and visual are presented in **Appendix J**.

1-hr TSP Monitoring

6.9. No Action/Limit Level exceedance was recorded in the reporting month.

24-hr TSP Monitoring

6.10 No Action/Limit Level exceedance was recorded in the reporting month.

Construction Noise

6.11. No Action/Limit Level exceedance was recorded in the reporting month.

Landscape and visual

6.12. No non-compliance was recorded in the reporting month.

Summary of Complaint, Warning, Notification of any Summons and Successful Prosecution

6.13. The summaries of environmental complaint, warning, summon and notification of successful prosecution for the Project is presented in **Appendix L**.

7 FUTURE KEY ISSUES

- 7.1. Major site activities undertaken for the coming two months include:
 - Soft landscaping work of road D1
 - Lift installation at LT2
 - Construction of irrigation system
 - Finishing work at ST2
 - Paving work at Road D1
 - Meatal works at ST2
- 7.2. Key environmental issues in the coming month include:
- Stagnant water on the unused and damaged water-filled barriers & uncovered containers and manhole

Silt, construction materials or debris being washed through manhole into the drainage system

- Dust generation from excavation works, vehicle movement and stockpile stored in site;
- Oil leakage from equipment and mobile plants;

7.3. The tentative major site activities is mentioned in Section 7.1 of this report. The impact prediction and control measures for the coming two months are summarized as follows:

Air quality impact (dust)

- Frequent watering of haul road and unpaved/exposed areas;
- Frequent watering or covering stockpiles with impervious materials or maintained wet; and
- Watering of any earth moving activities.

Water quality impact (surface runoff)

- Diversion of the collected effluent to de-silting facilities for treatment prior to discharge to public storm water drains;
- Provision of adequate de-silting facilities for treating surface run-off and other collected effluents prior to discharge;
- Provision of perimeter protection such as sealing of hoarding footings to avoid runoff from entering the existing storm water drainage system via public road; and

Noise Impact

- Machines and Plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum;
- Regular maintenance of machines; and
- Use of movable noise barriers if necessary.

Waste /Chemical Management

- Avoided oil leakage from PME
- Provided drip tray with adequate capacity and well maintained to chemical and oil containers

Monitoring Schedule for Next Month

7.4. The tentative environmental monitoring schedules for next month are shown in **Appendix D**.

8 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

8.1. Environmental monitoring works were performed in the reporting month and all monitoring results were checked and reviewed.

1-hr TSP Monitoring

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

24-hr TSP Monitoring

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

Construction Noise Monitoring

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

Landscape and visual

8.5. No non-compliance was recorded in the reporting month.

Complaint and Prosecution

8.6. No environmental complaint and environmental prosecution was received in the reporting month.

Recommendations

8.7. According to the environmental audit performed in the reporting month, the following recommendations were made:

Water Impact

- Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and the temporary stockpile of construction materials should be located well away from any water courses during carrying out of the construction works
- 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.

Air Quality

- The stockpile of dusty material should be covered by impervious materials or maintained wet.
- Water spraying should be provided during the rock-breaking activities conducted to minimize the dust generation.

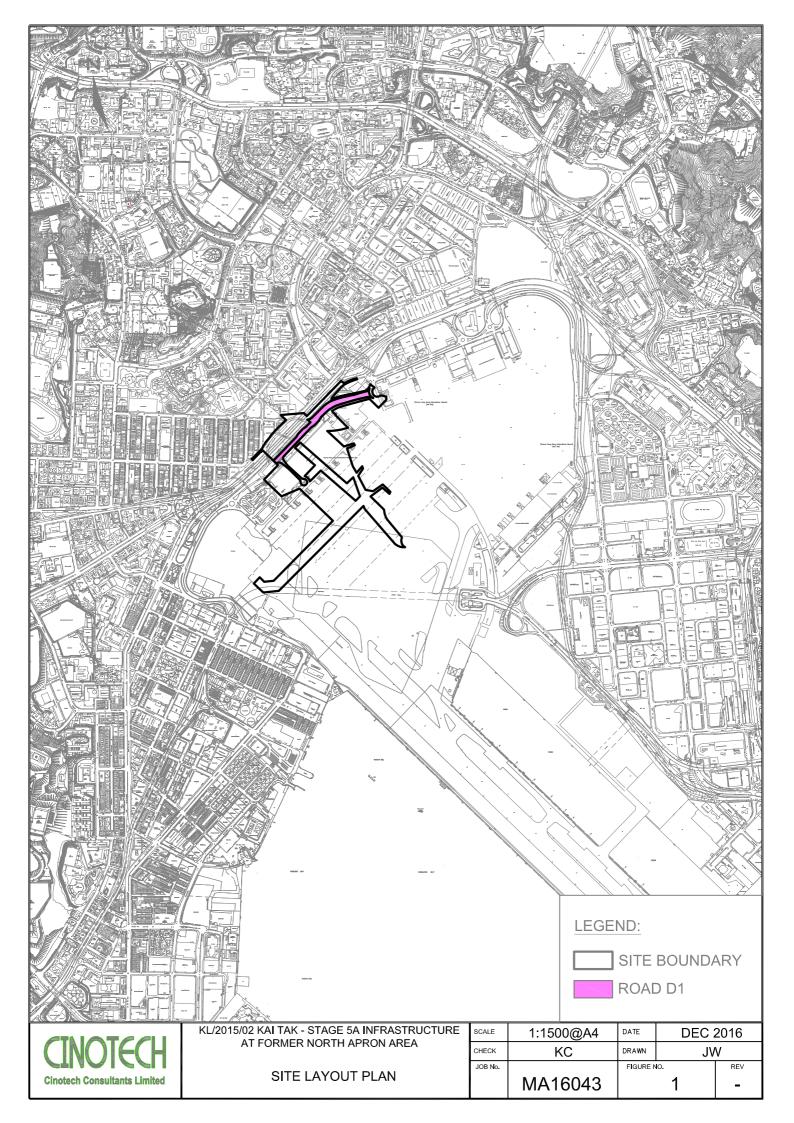
Construction Noise Impact

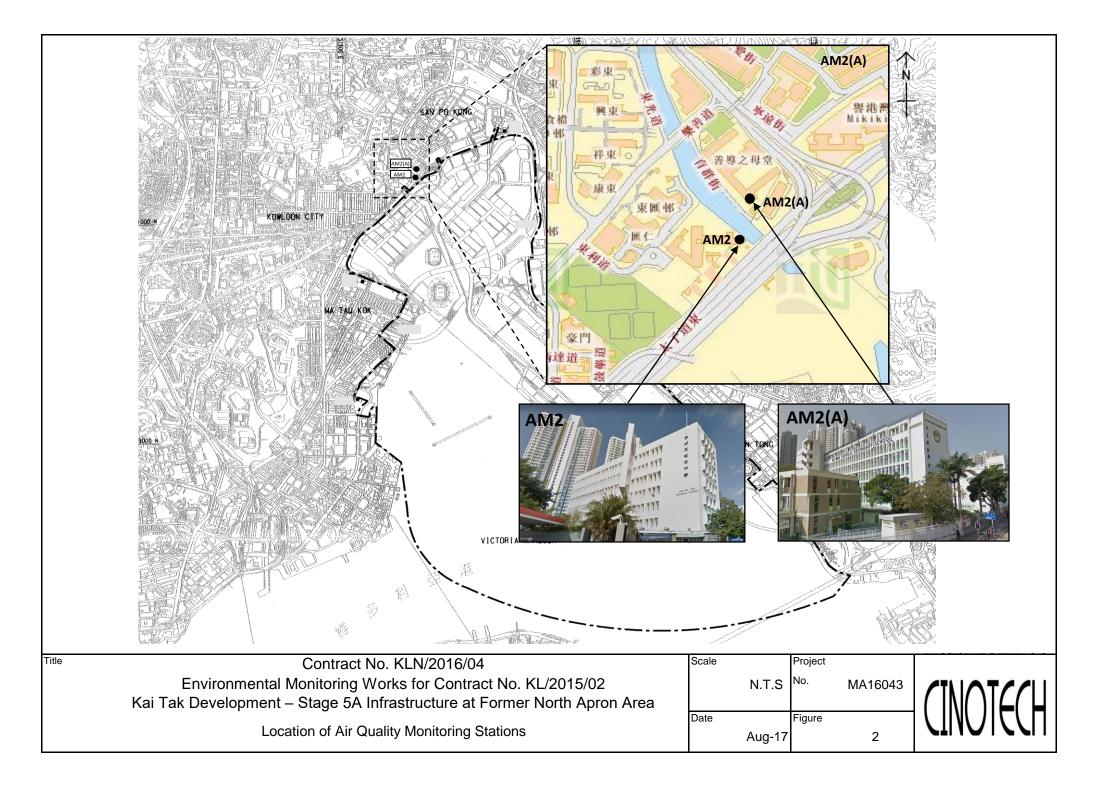
• The breaking area should provide noise mitigation measures to screen the noisy plant.

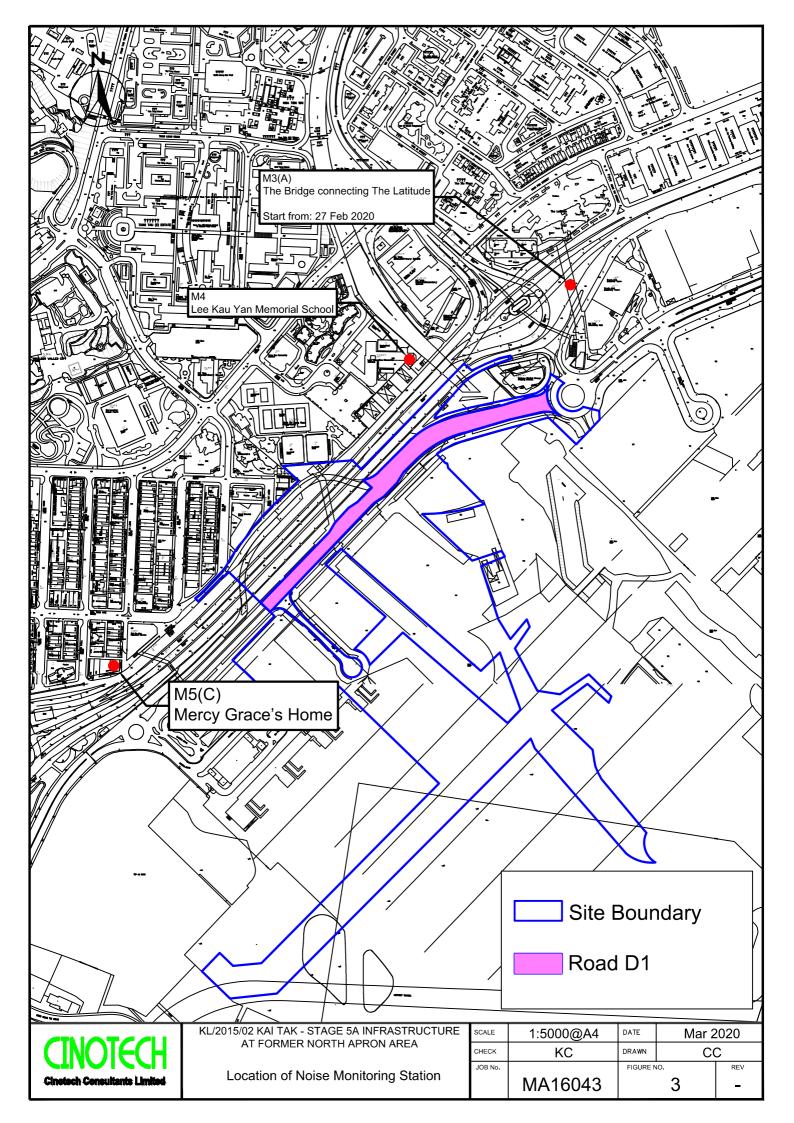
Waste/Chemical Management

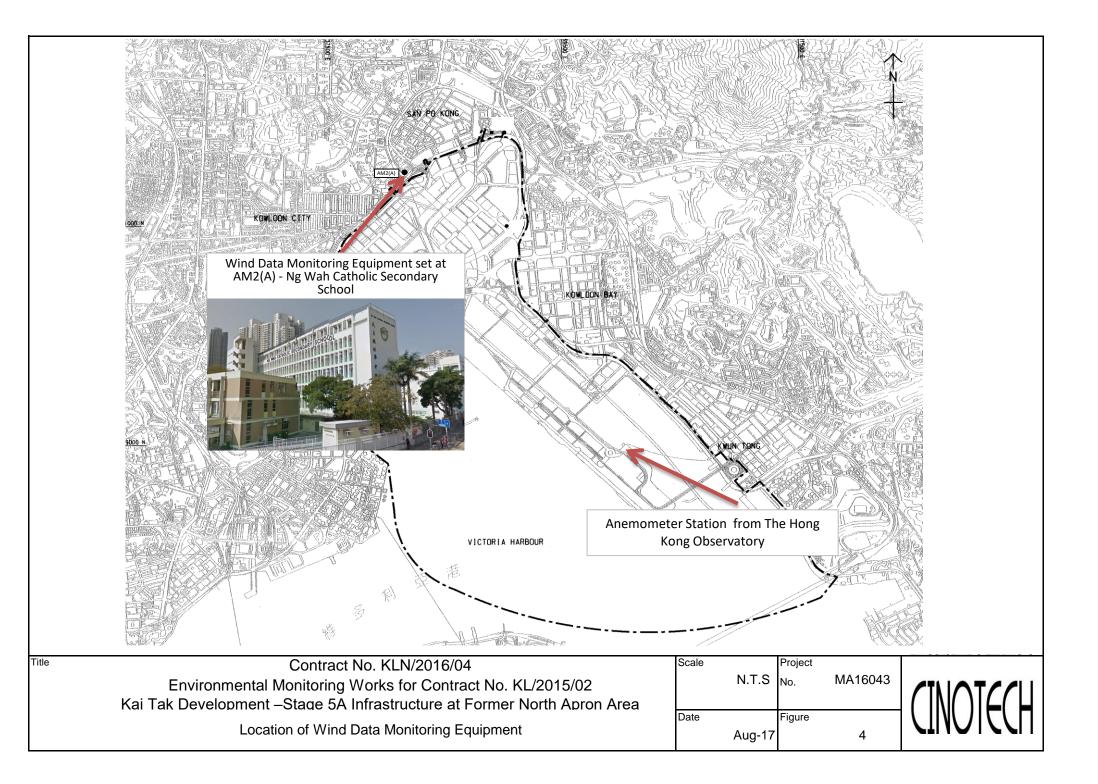
- Oil leakage from PME should be avoided.
- Drip tray with adequate capacity and well maintained should be provided to chemical & oil container.
- The construction/chemical material should be stored at the proper place.

FIGURES









APPENDIX A ACTION AND LIMIT LEVELS FOR AIR QUALITY AND NOISE

Appendix A - Action and Limit Levels

Location	Action Level, μg/m ³	Limit Level, μg/m ³
AM2	346	500

Table A-1Action and Limit Levels for 1-Hour TSP

Table A-2Action and Limit Levels for 24-Hour TSP

Location	Action Level, µg/m ³	Limit Level, µg/m ³
AM2(A)	157	260

Table A-3 Action and Limit Levels for Construction Noise

Time Period	Action Level	Limit Level
0700-1900 hrs on normal weekdays	When one documented complaint is received	75 dB(A) 70dB(A)/65dB(A)*

Remarks: 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. *70dB(A) and 65dB(A) for schools during normal teaching periods and school examination periods, respectively.

APPENDIX B-1 COPIES OF CALIBRATION CERTIFCATES (AIR)

High-Volume TSP Sampler 5-POINT CALIBRATION DATA SHEET



File No. MA16043/13/0045

Project No.	oject No. AM2(A) - Ng Wah Catholic Secondary School						
Date:	6-N	lov-24	Next Due Date:	6-J	Jan-25	Operator:	SK
Equipment No.:	A-	01-13	Model No.:	TE	2-5170	Serial No.	1352
Ambient Condition							
Temperatu	Temperature, Ta (K)298Pressure, Pa (mmHg)764.2						
Orifice Transfer Standard Information							
с · ·	1.11	20.64	C1	0.05076	т.	4.1	0.05018

5018

Calibration of TSP Sampler					
Calibration		Orfice			HVS
Point	DH (orifice), in. of water	[DH x (Pa/760) x (298/Ta)] ^{1/2}	Qstd (CFM) X - axis	DW (HVS), in. of water	$[\Delta W \ x \ (Pa/760) \ x \ (298/Ta)]^{1/2}$ Y-axis
1	13.5	3.68	62.49	9.5	3.09
2	11.0	3.33	56.49	7.2	2.69
3	8.6	2.94	50.05	5.2	2.29
4	5.4	2.33	39.83	3.1	1.77
5	3.3	1.82	31.32	1.7	1.31
Slope , mw = Correlation	By Linear Regression of Y on X Slope , mw = 0.0565 Intercept, bw : -0.4874 Correlation coefficient* = 0.9985 *If Correlation Coefficient < 0.990, check and recalibrate.				
		Set Point C	alculation		
From the TSP Fi	eld Calibration C	urve, take Qstd = 43 CFM			
From the Regres	sion Equation, the	e "Y" value according to			
Therefore, Se	et Point; W = (my	$\mathbf{mw} \mathbf{x} \mathbf{Qstd} + \mathbf{bw} = [\mathbf{\Delta W} \mathbf{x}]$ $\mathbf{v} \mathbf{x} \mathbf{Qstd} + \mathbf{bw}^{2} \mathbf{x} (760 / Pa) \mathbf{x} (760 / Pa)$			
Remarks:					
Conducted by:	Wong Shi	ng Kwai Signature:		<u>у</u>	Date: 6-Nov-24
Checked by:	Henry l	Leung Signature:	Hem	y May	Date: 6-Nov-24

J

CINOTECH CONSULTANTS LIMITED



Certificate of Calibration

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description:	Digital Dust Indicator		Date of	of Calibration	30-Nov-24
Manufacturer:	Sibata Scientific Technology LTD.	_	Validity of Calibr	ation Record	30-Jan-25
Model No.:	LD-5R				
Serial No.:	8Y2373				
Equipment No.:	SA-01-05	Sensitivity	0.001 mg/m3		
High Volume Sa	ampler No.: <u>A-01-03</u>	Before Sensitiv	vity Adjustment	657	
Tisch Calibratio	on Orifice No.: <u>3864</u>	After Sensitivi	ty Adjustment	657	
	Ca	alibration of 1 h	r TSP		
Calibration	Laser Dust Monitor			HVS	
Point	Mass Concentration (µg/ X-axis	/m3)	Mass concentration (µg/m ³) Y-axis		ug/m ³)
1	75.0		134.0		
2	65.0		118.0		
3	55.0			100.0	
Average	65.0		117.3		
By Linear Regr Slope , mw = Correlation co			cept, bw =	6.8333	
	Se	et Correlation F	actor		
Particaulate Cor	ncentration by High Volume Sampler	$(\mu g/m^3)$	117.3		
Particaulate Cor	ncentration by Dust Meter ($\mu g/m^3$)		65.0		
Measureing time	e, (min)			60.0	
Set Correlation I	Factor, SCF				
SCF = [K=Hig	h Volume Sampler / Dust Meter, (μ	.g/m3)]	1.8		

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by:

Approved by: _____ Chang the

Technical Officer (Wong Shing Kwai)

Project Manager (Henry Leung)

CINOTECH CONSULTANTS LIMITED



Certificate of Calibration

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler

Description:	Digital Dust Indicator		Date of Calibration		30-Nov-24
Manufacturer:	Sibata Scientific Technology LTD.	_	Validity of Calibration	on Record	30-Jan-25
Model No.:	LD-5R				
Serial No.:	972781				
Equipment No.:	SA-01-10	Sensitivity	0.001 mg/m3		
High Volume Sa	ampler No.: A-01-03	Before Sensitiv	vity Adjustment	734 CPM	
Tisch Calibratio	on Orifice No.: 3864	After Sensitivi	ty Adjustment	734 CPM	
	Ca	libration of 1 h	r TSP		
Calibration	Laser Dust Monitor	•		HVS	
Point	Mass Concentration (µg/	m3)	Mass c	concentration (µg	g/m ³)
	X-axis		Y-axis		
1	78.0		134.0		
2	68.0			115.0	
3	60.0			101.0	
Average	68.7			116.7	
By Linear Regi Slope , mw = Correlation co			cept, bw =	-9.4098	
	Se	t Correlation F	actor		
Particaulate Cor	ncentration by High Volume Sampler ($(\mu g/m^3)$	116.7		
Particaulate Cor	ncentration by Dust Meter ($\mu g/m^3$)		68.7		
Measureing time	e, (min)		60.0		
Set Correlation	Factor, SCF				
SCF = [K=Hig	h Volume Sampler / Dust Meter, (μ	g/m3)]	1.7		

In-house method in according to the instruction manual:

The Dust Monitor was compared with a calibrated High Volume Sampler and The result was used to generate the Correlation Factor (CF) between the Dust Monitor and High Volume Sampler.

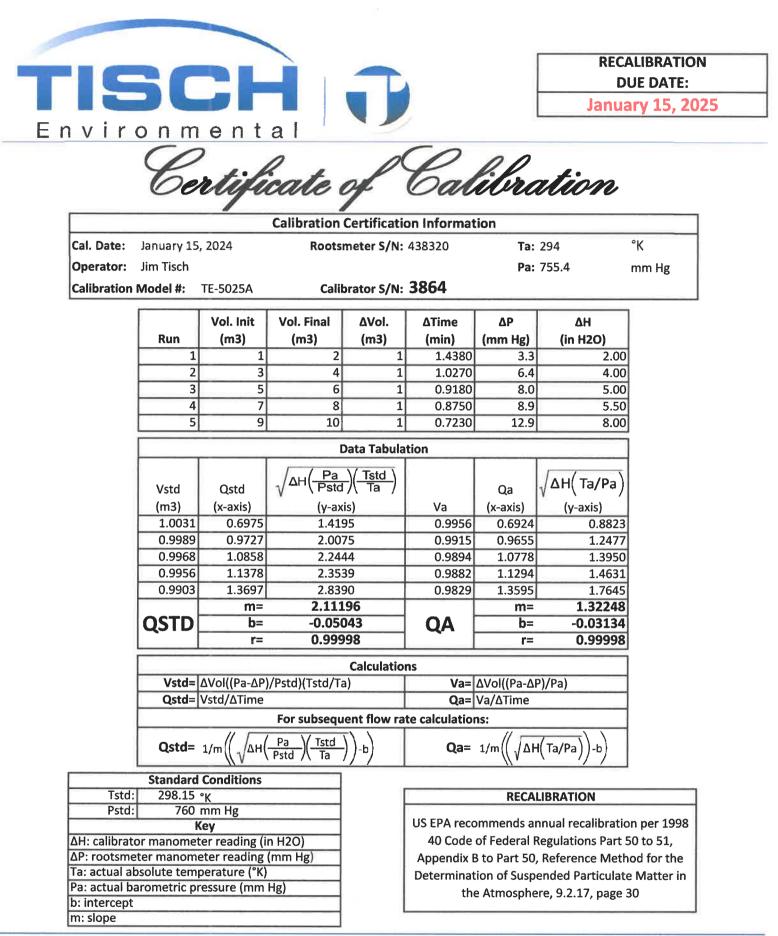
Those filter papers are weighted by HOKLAS laboratory (HPCT Litimed)

Calibrated by:

Approved by: _____

Technical Officer (Wong Shing Kwai)

Project Manager (Henry Leung)



Tisch Environmental, Inc. 145 South Miami Avenue

Village of Cleves, OH 45002

www.tisch-env.com TOLL FREE: (877)263-7610 FAX: (513)467-9009

CIN@TECH 🤳

Certificate of Calibration - Wind Monitoring Station

Description:	Ng Wah Catholic Seconday School - Weather Stations
Manufacturer:	Davis Instruments
Model No.:	Davis 6152, Vantage Pro2
Serial No.:	<u>BC180522050</u>
Equipment No.:	<u>SA-03-03</u>
Date of Calibration	<u>4-Oct-2024</u>
Next Due Date	<u>4-Apr-2025</u>

1. Performance check of Wind Speed

Wind Sp	beed, m/s	Difference D (m/s)
Wind Speed Reading (V1)	Anemometer Value (V1)	D = V1 - V2
0.0	0.0	0.0
1.5	1.5	0.0
3.0	3.1	-0.1
4.5	4.6	-0.1

2. Performance check of Wind Direction

Wind Di	rection (°)	Difference D (°)
Wind Direction Reading (V1)	Marine Compass Value (V1)	$\mathbf{D} = \mathbf{W1} - \mathbf{W2}$
0	0	0.0
90	90	0.0
180	180	0.0
270	270	0.0

Test Specification:

1. Performance Wind Speed Test - The wind meter was on-site calibrated against the anemometer

2. Performance Wind Direction Test - The wind meter was on-site calibrated against the marine compass at four direction

Calibrated by: Mong Shing Kwai Approved by: Henry Leung

APPENDIX B-2 COPIES OF CALIBRATION CERTIFCATES (NOISE)

Report No.

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

: 00568



Issue Date : 14 Feb 2024

: HP00436 Application No. **Certificate of Calibration** Applicant : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T., Hong Kong Sample Description : Submitted equipment stated to be Integrating Sound Level Meter. Equipment No.: : N-12-03 Manufacturer: : BSWA Technology Other information : Model No. **BSWA 308** Serial No. 570188 Microphone No. 570608

Date Received	:	05 Feb 2024
Test Period	:	07 Feb 2024 to 07 Feb 2024
Test Requested	:	Performance checking for Sound Level Meter
Test Method	:	The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.
Test conditions	:	Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70%
Test Result	:	Refer to the test result(s) on page 2.

Remark : 1. Information of the sample description provided by the Applicant.2. The result(s) relate only to the items tested or calibrated.

The result(s) relate only to the items tested of camprated.

For and on behalf of HIGH PRECISION CHEMICAL TESTING LIMITED

Lee Wai Kit Laboratory Manager

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

:

:



Issue Date : 14 Feb 2024

Report No.:00568Application No.:HP00436

Certificate of Calibration

Measuring

equipment

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01

Test Result

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.0	± 0.0	± 1.5
114.0	113.9	- 0.1	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

2. The indication value was obtained from the average of ten replicated measurement.

- End of report -

Report No.

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

: 00648



Issue Date : 11 Apr 2024

: HP00515 Application No. **Certificate of Calibration** Applicant : Cinotech Consultants Limited RM 1710, Technology Park, 18 On Lai Street, Shatin, N.T., Hong Kong Sample Description : Submitted equipment stated to be Integrating Sound Level Meter. Equipment No.: : N-12-05 Manufacturer: : BSWA Technology Other information : Model No. **BSWA 308** Serial No. 580287 Microphone No. 570610

Date Received	:	09 Apr 2024
Test Period	:	09 Apr 2024 to 09 Apr 2024
Test Requested	:	Performance checking for Sound Level Meter
Test Method	:	The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard and instrument which are recommended by the manufacturer, or equivalent.
Test conditions	:	Room Temperature: 22-25 degree Celsius Relative Humidity: 35-70%
Test Result	:	Refer to the test result(s) on page 2.

: 1. Information of the sample description provided by the Applicant. Remark

2. The result(s) relate only to the items tested or calibrated.

For and on behalf of HIGH PRECISION CHEMICAL TESTING LIMITED

Lee Wai Kit Laboratory Manager

Rm 1904, Technology Park 18 On Lai Street, Shatin NT, Hong Kong Tel: +852 3841 4388 Website: https://www.hpct.com.hk

:

:



Issue Date : 11 Apr 2024

Report No.:00648Application No.:HP00515

Certificate of Calibration

Measuring

equipment

Description	Sound Calibrator
Manufacturer	Brüel & Kjær
Model No.	TYPE 4231
Serial No.	2326353
Equipment No.	N-02-01

Test Result

Reference value, dB	Indication value, dB	Deviation, dB	Allowed deviation, dB
94.0	94.1	+ 0.1	± 1.5
114.0	114.1	+ 0.1	± 1.5

Note : 1. "Instrument Readings" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

2. The indication value was obtained from the average of ten replicated measurement.

- End of report -



Certificate of Calibration 校正證書

Certificate No. : C241168 證書編號

			h No / RH	諸席・ IC24-0	305) D	ate of R	eceipt / I	収件日期	田・211	ebruary 2
ITEM TESTED					505) 2					cordary 2
Description / 儀器			oustical Calibra	itor						
Manufacturer / 製			iel & Kjær							
Model No. / 型號		: 423								
Serial No. / 編號			26353 Lotach Committe	nta Timita d						
Supplied By / 委	元		otech Consulta om 1710, Techi		18 On Lais	troot				
			atin, N.T. Hong			ucet,				
TEST CONDIT	IONS / 浿	町試條何				e.				
Temperature / 溫		(23 ± 2))°C		Re	lative H	umidity	/ 相對濕	濕度 :	(50 ± 25)
Line Voltage / 電	逐:									
							and the second secon			
TEST SPECIFI	CATION	IS / 測詞	式規範							
Calibration check	ĸ									
DATE OF TEST	Γ/测读7F	1 440	: 3 March 2	2024						
		别		2021						
TEST RESULT	S / 測試約	吉果								
TEST RESULT	S / 測試約 o the partic	吉果 cular uni	it-under-test only							
TEST RESULT The results apply to The results do not of These limits refer t	S / 測試約 o the partic exceed spe o manufac	古果 cular un ccified li turer's p	it-under-test only mits. ublished toleranc		d by the custo	mer.				
TEST RESULT The results apply to The results do not of These limits refer t	S / 測試約 o the partic exceed spe o manufac	古果 cular un ccified li turer's p	it-under-test only mits. ublished toleranc		d by the custo	mer.				
TEST RESULT The results apply to The results do not of These limits refer t The results are deta	S / 測試約 o the partic exceed spe o manufac ailed in the	古果 cular un ccified li turer's p e subseq	it-under-test only mits. ublished toleranc uent page(s).	es as requested		mer.				
TEST RESULT The results apply to The results do not of These limits refer t The results are deta The test equipment - The Government	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c t of The Ho	吉果 cular uni cuffied li cturer's p subseq calibratio	it-under-test only mits. ublished tolerand uent page(s). on are traceable to g Special Admin	es as requested o National Star istrative Regio	ndards via :		ion Labo	ratory		
TEST RESULT The results apply to The results do not of These limits refer t The results are deta The test equipment - The Government - Hottinger Brüel d	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c t of The Ho & Kjær Ca	古果 cular un ccified li turer's p e subseq calibration g Kon libration	it-under-test only mits. ublished tolerand uent page(s). on are traceable to g Special Admin n Laboratory, Der	es as requested o National Star istrative Regio	ndards via :		ion Labo	ratory		
TEST RESULT The results apply to The results do not of These limits refer t The results are deta The test equipment - The Government - Hottinger Brüel d - Agilent Technolo	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un crified li turer's p e subseq calibration cong Kon libration /sight Ta	it-under-test only mits. ublished tolerand uent page(s). on are traceable to g Special Admin h Laboratory, Der echnologies	es as requested o National Star istrative Regio	ndards via :		ion Labo	ratory		
TEST RESULT The results apply to The results do not of These limits refer t The results are deta The test equipment - The Government - Hottinger Brüel d - Agilent Technolo	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un crified li turer's p e subseq calibration cong Kon libration /sight Ta	it-under-test only mits. ublished tolerand uent page(s). on are traceable to g Special Admin h Laboratory, Der echnologies	es as requested o National Star istrative Regio	ndards via :		ion Labo	ratory		
TEST RESULT The results apply to The results do not of These limits refer t The results are deta The test equipment - The Government - Hottinger Brüel d - Agilent Technolo	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un crified li turer's p e subseq calibration cong Kon libration /sight Ta	it-under-test only mits. ublished tolerand uent page(s). on are traceable to g Special Admin h Laboratory, Der echnologies	es as requested o National Star istrative Regio	ndards via :		ion Labo	ratory		
TEST RESULT The results apply to The results do not of These limits refer to The results are deta The test equipment - The Government - Hottinger Brüel d - Agilent Technolo - Fluke Everett Ser	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un crified li turer's p e subseq calibration cong Kon libration /sight Ta	it-under-test only mits. ublished tolerand uent page(s). on are traceable to g Special Admin h Laboratory, Der echnologies	es as requested o National Star istrative Regio	ndards via :		ion Labo	ratory		
TEST RESULT The results apply to The results do not of These limits refer to The results are deta The test equipment - The Government - Hottinger Brüel do - Agilent Technolo - Fluke Everett Ser Tested By	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un crified li turer's p e subseq calibration cong Kon libration /sight Ta	it-under-test only mits. ublished toleranc uent page(s). on are traceable to g Special Admin 1 Laboratory, Der echnologies	es as requested o National Star istrative Regio	ndards via :		ion Labo	ratory		
TEST RESULT The results apply to The results do not of These limits refer to The results are deta The test equipment - The Government - Hottinger Brüel d - Agilent Technolo - Fluke Everett Ser	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un ccified li turer's p e subseq calibration g Kon libration /sight Te er, USA	it-under-test only mits. ublished tolerand uent page(s). on are traceable to g Special Admin 1 Laboratory, Der cchnologies	ces as requested o National Star istrative Regio nmark	ndards via :		ion Labo	ratory		
TEST RESULT The results apply to The results do not of These limits refer to The results are deta The test equipment - The Government - Hottinger Brüel do - Agilent Technolo - Fluke Everett Ser Tested By	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un ccified li turer's p e subseq calibration g Kon libration /sight Te er, USA	it-under-test only mits. ublished toleranc uent page(s). on are traceable to g Special Admin 1 Laboratory, Der echnologies	ces as requested o National Star istrative Regio nmark	ndards via :		ion Labo	ratory		
TEST RESULT The results apply to The results do not of These limits refer to The results are deta The test equipment - The Government - Hottinger Brüel d - Agilent Technolo - Fluke Everett Ser Tested By 測試	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un ccified li turer's p e subseq calibration g Kon libration /sight Te er, USA	it-under-test only mits. ublished tolerand uent page(s). on are traceable to g Special Admin 1 Laboratory, Der cchnologies	ces as requested o National Star istrative Regio nmark	ndards via : n Standard &	Calibrat	ion Labo		March	2024
TEST RESULT The results apply to The results do not of These limits refer to The results are deta The test equipment - The Government - Hottinger Brüel d - Agilent Technolo - Fluke Everett Ser Tested By	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un ccified li turer's p e subseq calibration g Kon libration /sight Te er, USA	it-under-test only mits. ublished toleranc uent page(s). on are traceable to g Special Admin 1 Laboratory, Der echnologies H T Wong ssistant Engined	ces as requested o National Star istrative Regio nmark	ndards via : n Standard & Date of	Calibrat	ion Labo		• March 2	2024
TEST RESULT The results apply to The results do not of These limits refer t The results are deta The test equipment - The Government - Hottinger Brüel d - Agilent Technolo - Fluke Everett Ser Tested By 測試	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un ccified li turer's p e subseq calibration g Kon libration /sight Te er, USA	it-under-test only mits. ublished tolerand uent page(s). on are traceable to g Special Admin n Laboratory, Der echnologies	ces as requested o National Star istrative Regio nmark	ndards via : n Standard &	Calibrat	ion Labo		March 2	2024
TEST RESULT The results apply to The results do not of These limits refer t The results are deta The test equipment - The Government - Hottinger Brüel d - Agilent Technolo - Fluke Everett Ser Tested By 測試	S / 測試約 o the partic exceed spe o manufac ailed in the t used for c c of The Ho & Kjær Ca ogies / Key	吉果 cular un ccified li turer's p e subseq calibration g Kon libration /sight Te er, USA	it-under-test only mits. ublished toleranc uent page(s). on are traceable to g Special Admin 1 Laboratory, Der echnologies H T Wong ssistant Engined	ces as requested o National Star istrative Regio nmark	ndards via : n Standard & Date of	Calibrat	ion Labo		March	2024

Sun Creation Engineering Limited – Calibration & Testing Laboratory c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong 輝創工程有限公司 - 校正及檢測實驗所 c/o 香港新界屯門興安里一號四樓 Tel/電話: (852) 2927 2606 Fax/傳真: (852) 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com



Certificate of Calibration 校正證書

Certificate No. : C241168 證書編號

- 1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- 2. The results presented are the mean of 3 measurements at each calibration point.
- 3. Test equipment :

<u>Equipment ID</u>	<u>Description</u>	<u>Certificate No.</u>
CL130	Universal Counter	C233799
CL281	Multifunction Acoustic Calibrator	CDK2302738
TST150A	Measuring Amplifier	C221750

- 4. Test procedure : MA100N.
- 5. Results :
- 5.1 Sound Level Accuracy

UUT	Measured Value	Mfr's Limit	Uncertainty of Measured Value
Nominal Value	(dB)	(dB)	(dB)
94 dB, 1 kHz	93.90	± 0.2	± 0.20
114 dB, 1 kHz	114.00		

5.2 Frequency Accuracy

UUT Nominal Value	Measured Value	Mfr's	Uncertainty of Measured Value
(kHz)	(kHz)	Limit	(Hz)
1	1.000 0	1 kHz ± 0.1 %	± 0.1

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

Note :

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

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

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

APPENDIX C WEATHER INFORMATION

APPENDIX C - WEATHERING CONDITINS DURING MONITORING PERIOD

		December 2024		
Date	Mean Pressure (hPa)	Air Temperature	Mean Relative Humidity (%)	Precipitation (mm)
	1015.0	Mean (°C)	<i>co</i>	0
1-Dec-24	1015.0	19.7	69	0
2-Dec-24	1015.1	21.0	68	0
3-Dec-24	1015.7	21.9	74	0
4-Dec-24	1016.3	22.2	73	0
5-Dec-24	1016.4	21.7	76	0
6-Dec-24	1016.6	21.4	71	0
7-Dec-24	1018.2	20.7	66	0
8-Dec-24	1020.9	18.3	65	0
9-Dec-24	1019.6	18.7	70	0
10-Dec-24	1016.5	20.6	73	0
11-Dec-24	1016.4	22.3	72	0
12-Dec-24	1018.3	19.5	65	0
13-Dec-24	1020.2	18.5	59	0
14-Dec-24	1024.7	15.5	49	0
15-Dec-24	1025.2	14.8	40	Trace
16-Dec-24	1022.7	16.3	44	0
17-Dec-24	1021.0	17.9	58	0
18-Dec-24	1021.0	18.6	45	0
19-Dec-24	1022.7	15.6	40	0
20-Dec-24	1020.6	14.9	45	0
21-Dec-24	1020.0	16.9	42	0
22-Dec-24	1021.4	15.8	48	0
23-Dec-24	1020.6	16.5	57	0
24-Dec-24	1021.2	17.4	55	0
25-Dec-24	1021.1	18.5	71	Trace
26-Dec-24	1021.6	20.1	74	0
27-Dec-24	1023.1	19.2	75	0
28-Dec-24	1024.9	16.9	43	0
29-Dec-24	1023.4	15.4	57	0
30-Dec-24	1021.2	17.7	63	0
31-Dec-24	1019.1	19.8	55	Trace

December 2024

APPENDIX C - WEATHERING CONDITINS DURING MONITORING PERIOD

Table II: Wind Speed and DirectionsDateTimeWind Speed m/sDirection $1-\text{Dec}-24$ $0:00$ 0.1 SSE $1-\text{Dec}-24$ $1:00$ 1.8 S $1-\text{Dec}-24$ $2:00$ 1.5 SSE $1-\text{Dec}-24$ $2:00$ 1.5 SSE $1-\text{Dec}-24$ $3:00$ 1.0 S $1-\text{Dec}-24$ $4:00$ 1.7 SSE $1-\text{Dec}-24$ $5:00$ 1.7 S $1-\text{Dec}-24$ $6:00$ 2.2 SSW $1-\text{Dec}-24$ $7:00$ 1.9 S $1-\text{Dec}-24$ $9:00$ 1.2 S $1-\text{Dec}-24$ $9:00$ 1.2 S $1-\text{Dec}-24$ $10:00$ 1.0 SSW $1-\text{Dec}-24$ $10:00$ 1.0 SSW $1-\text{Dec}-24$ $12:00$ 2.4 SSW $1-\text{Dec}-24$ $12:00$ 2.4 SSE $1-\text{Dec}-24$ $15:00$ 2.5 SE $1-\text{Dec}-24$ $16:00$ 2.4 SSW $1-\text{Dec}-24$ $18:00$ 2.7 SSE $1-\text{Dec}-24$ $19:00$ 3.2 S $1-\text{Dec}-24$ $20:00$ 3.3 S $1-\text{Dec}-24$ $20:00$ 3.3 S $1-\text{Dec}-24$ $20:00$ 3.1 S $2-\text{Dec}-24$ $2:00$ 3.1 S $2-\text{Dec}-24$ $2:00$ 3.3 S $2-\text{Dec}-24$ $3:00$ 3.3 S $2-\text{Dec}-24$ $3:00$ 3.3 S $2-\text{Dec}-24$ $2:00$ <	December 2024					
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$						
1-Dec-24 $0:00$ 0.1 SSE 1 -Dec-24 $1:00$ 1.8 S 1 -Dec-24 $2:00$ 1.5 SSE 1 -Dec-24 $3:00$ 1.0 S 1 -Dec-24 $4:00$ 1.7 SSE 1 -Dec-24 $5:00$ 1.7 S 1 -Dec-24 $6:00$ 2.2 SSW 1 -Dec-24 $6:00$ 2.2 SSW 1 -Dec-24 $6:00$ 2.2 SSW 1 -Dec-24 $8:00$ 1.9 S 1 -Dec-24 $9:00$ 1.2 S 1 -Dec-24 $9:00$ 1.2 S 1 -Dec-24 $10:00$ 1.0 SSW 1 -Dec-24 $12:00$ 2.4 SSW 1 -Dec-24 $12:00$ 2.4 SSE 1 -Dec-24 $15:00$ 2.5 SE 1 -Dec-24 $16:00$ 2.4 SSE 1 -Dec-24 $19:00$ 3.2 S 1 -Dec-24 $12:00$ 2.4 SSE 1 -Dec-24 $12:00$ 2.4 SSE 1 -Dec-24 $12:00$ 2.4 SSE 1 -Dec-24 $12:00$ 3.2 S 1 -Dec-24 $12:00$ 3.2 S 1 -Dec-24 $12:00$ 3.3 S 1 -Dec-24 $12:00$ 3.3 S 2 -Dec-24 $12:00$ 3.3 S 2 -Dec-24 $21:00$ 3.3 S 2 -Dec-24 $20:00$ 3.3 S 2 -Dec-24 $2:00$ 3.3 S 2 -Dec-24 $2:00$ 3.3 <th>n</th>	n					
1-Dec-24 $1:00$ 1.8 S $1-Dec-24$ $2:00$ 1.5 SSE $1-Dec-24$ $3:00$ 1.0 S $1-Dec-24$ $4:00$ 1.7 SSE $1-Dec-24$ $5:00$ 1.7 S $1-Dec-24$ $6:00$ 2.2 SSW $1-Dec-24$ $6:00$ 2.2 SSW $1-Dec-24$ $6:00$ 2.2 SSW $1-Dec-24$ $6:00$ 1.9 S $1-Dec-24$ $9:00$ 1.2 S $1-Dec-24$ $9:00$ 1.2 S $1-Dec-24$ $10:00$ 1.9 S $1-Dec-24$ $10:00$ 1.9 S $1-Dec-24$ $12:00$ 2.4 SSW $1-Dec-24$ $12:00$ 2.4 SSW $1-Dec-24$ $13:00$ 2.1 S $1-Dec-24$ $15:00$ 2.5 SE $1-Dec-24$ $16:00$ 2.4 SSW $1-Dec-24$ $19:00$ 3.2 S $1-Dec-24$ $19:00$ 3.2 S $1-Dec-24$ $22:00$ 3.1 S $1-Dec-24$ $22:00$ 3.1 S $1-Dec-24$ $20:00$ 3.3 S $2-Dec-24$ $20:00$ 3.3 S $2-Dec-24$ $2:00$ 3.1 SSE $2-Dec-24$ $2:00$ 3.3 S $2-Dec-24$ $3:00$ 3.3 S $2-Dec-24$ $4:00$ 3.3 S $2-Dec-24$ $4:00$	11					
1-Dec-24 $2:00$ 1.5 SSE $1-Dec-24$ $3:00$ 1.0 S $1-Dec-24$ $4:00$ 1.7 SSE $1-Dec-24$ $5:00$ 1.7 S $1-Dec-24$ $6:00$ 2.2 SSW $1-Dec-24$ $6:00$ 2.2 SSW $1-Dec-24$ $6:00$ 1.9 S $1-Dec-24$ $8:00$ 1.9 S $1-Dec-24$ $9:00$ 1.2 S $1-Dec-24$ $9:00$ 1.0 SSW $1-Dec-24$ $10:00$ 1.9 S $1-Dec-24$ $12:00$ 2.4 SSW $1-Dec-24$ $12:00$ 2.4 SSW $1-Dec-24$ $13:00$ 2.1 S $1-Dec-24$ $15:00$ 2.5 SE $1-Dec-24$ $16:00$ 2.4 SSW $1-Dec-24$ $18:00$ 2.7 SSE $1-Dec-24$ $19:00$ 3.2 S $1-Dec-24$ $22:00$ 3.1 S $1-Dec-24$ $22:00$ 3.1 S $1-Dec-24$ $20:00$ 3.3 S $2-Dec-24$ $20:00$ 3.3 S $2-Dec-24$ $20:00$ 3.3 SE $2-Dec-24$ $20:00$ 3.3 S $2-Dec-24$ $1:00$ 3.3 SE $2-Dec-24$ $2:00$ 3.3 S $2-Dec-24$ $4:00$ 3.3 </td <td></td>						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$						
1-Dec-2417:002.4SSE1-Dec-2418:002.7SSE1-Dec-2419:003.2S1-Dec-2420:003.3S1-Dec-2421:003.4SSE1-Dec-2422:003.1S1-Dec-2423:003.2S2-Dec-240:003.1SSE2-Dec-241:003.3SSE2-Dec-241:003.3SSE2-Dec-243:003.5S2-Dec-243:003.3S2-Dec-245:003.7SSE						
1-Dec-2418:002.7SSE1-Dec-2419:003.2S1-Dec-2420:003.3S1-Dec-2421:003.4SSE1-Dec-2422:003.1S1-Dec-2423:003.2S2-Dec-240:003.1SSE2-Dec-241:003.3SSE2-Dec-242:003.5S2-Dec-243:003.3S2-Dec-243:003.3S2-Dec-245:003.7SSE						
1-Dec-24 19:00 3.2 S 1-Dec-24 20:00 3.3 S 1-Dec-24 21:00 3.4 SSE 1-Dec-24 22:00 3.1 S 1-Dec-24 22:00 3.1 S 1-Dec-24 23:00 3.2 S 2-Dec-24 0:00 3.1 SSE 2-Dec-24 1:00 3.3 SSE 2-Dec-24 2:00 3.5 S 2-Dec-24 3:00 3.3 S 2-Dec-24 4:00 3.3 S 2-Dec-24 5:00 3.7 SSE						
1-Dec-2420:003.3S1-Dec-2421:003.4SSE1-Dec-2422:003.1S1-Dec-2423:003.2S2-Dec-240:003.1SSE2-Dec-241:003.3SSE2-Dec-242:003.5S2-Dec-243:003.3S2-Dec-243:003.3S2-Dec-244:003.3S2-Dec-245:003.7SSE						
1-Dec-24 21:00 3.4 SSE 1-Dec-24 22:00 3.1 S 1-Dec-24 23:00 3.2 S 2-Dec-24 0:00 3.1 SSE 2-Dec-24 1:00 3.3 SSE 2-Dec-24 2:00 3.5 S 2-Dec-24 3:00 3.3 S 2-Dec-24 3:00 3.3 S 2-Dec-24 5:00 3.7 SSE						
1-Dec-24 22:00 3.1 S 1-Dec-24 23:00 3.2 S 2-Dec-24 0:00 3.1 SSE 2-Dec-24 1:00 3.3 SSE 2-Dec-24 2:00 3.5 S 2-Dec-24 3:00 3.3 S 2-Dec-24 3:00 3.3 S 2-Dec-24 4:00 3.3 S 2-Dec-24 5:00 3.7 SSE						
1-Dec-2423:003.2S2-Dec-240:003.1SSE2-Dec-241:003.3SSE2-Dec-242:003.5S2-Dec-243:003.3S2-Dec-244:003.3S2-Dec-245:003.7SSE						
2-Dec-24 0:00 3.1 SSE 2-Dec-24 1:00 3.3 SSE 2-Dec-24 2:00 3.5 S 2-Dec-24 3:00 3.3 S 2-Dec-24 3:00 3.3 S 2-Dec-24 4:00 3.3 S 2-Dec-24 5:00 3.7 SSE						
2-Dec-24 1:00 3.3 SSE 2-Dec-24 2:00 3.5 S 2-Dec-24 3:00 3.3 S 2-Dec-24 3:00 3.3 S 2-Dec-24 4:00 3.3 S 2-Dec-24 5:00 3.7 SSE						
2-Dec-24 2:00 3.5 S 2-Dec-24 3:00 3.3 S 2-Dec-24 4:00 3.3 S 2-Dec-24 5:00 3.7 SSE						
2-Dec-24 3:00 3.3 S 2-Dec-24 4:00 3.3 S 2-Dec-24 5:00 3.7 SSE						
2-Dec-24 4:00 3.3 S 2-Dec-24 5:00 3.7 SSE						
2-Dec-24 5:00 3.7 SSE						
2-Dec-24 9:00 2.9 SSE						
2-Dec-24 10:00 3.0 S						
2-Dec-24 11:00 3.2 SSE						
2-Dec-24 12:00 2.9 SSE						
2-Dec-24 13:00 3.3 S						
2-Dec-24 14:00 3.2 S						
2-Dec-24 15:00 3.5 S						
2-Dec-24 16:00 2.9 S						
2-Dec-24 17:00 3.4 S						
2-Dec-24 18:00 3.1 SSE						
2-Dec-24 19:00 3.1 SSE						
2-Dec-24 20:00 3.3 S						
2-Dec-24 21:00 3.6 S						
2-Dec-24 22:00 3.5 S						
2-Dec-24 23:00 3.6 SSW						

December 2024			
Table II: Wind Speed and Directions			
Date	Time	Wind Speed m/s	Direction
3-Dec-24	0:00	3.6	S
3-Dec-24	1:00	3.6	Š
3-Dec-24	2:00	3.6	SSW
3-Dec-24	3:00	3.3	SSW
3-Dec-24	4:00	2.9	SSE
3-Dec-24	5:00	3.3	S
3-Dec-24	6:00	2.7	Š
3-Dec-24	7:00	3.1	S
3-Dec-24	8:00	2.7	SSE
3-Dec-24	9:00	3.1	S
3-Dec-24	10:00	2.6	S
3-Dec-24	11:00	3.0	SSE
3-Dec-24	12:00	3.2	SSE
3-Dec-24	13:00	3.2	S
3-Dec-24	14:00	3.0	SSW
3-Dec-24	15:00	2.6	S
3-Dec-24	16:00	2.4	S
3-Dec-24	17:00	2.6	S
3-Dec-24	18:00	2.8	SE
3-Dec-24	19:00	2.6	S
3-Dec-24	20:00	2.1	SSE
3-Dec-24	21:00	1.5	S
3-Dec-24	22:00	1.5	SSE
3-Dec-24	23:00	1.2	SSE
4-Dec-24	0:00	1.7	SSE
4-Dec-24	1:00	2.0	S
4-Dec-24	2:00	1.7	SSE
4-Dec-24	3:00	1.7	SSE
4-Dec-24	4:00	1.5	SSE
4-Dec-24	5:00	1.3	S
4-Dec-24	8:00	1.7	S
4-Dec-24	9:00	0.9	S
4-Dec-24	10:00	1.0	S
4-Dec-24	11:00	1.1	SSW
4-Dec-24	12:00	1.1	S
4-Dec-24	13:00	1.6	S
4-Dec-24	14:00	2.0	S
4-Dec-24	15:00	1.5	S
4-Dec-24	16:00	1.7	S
4-Dec-24	17:00	2.7	S
4-Dec-24	18:00	3.3	S
4-Dec-24	19:00	2.6	SSE
4-Dec-24	20:00	0.3	SSE
4-Dec-24	21:00	0.1	S
4-Dec-24	22:00	0.1	SSE
4-Dec-24	23:00	0.1	SW

December 2024				
Т		nd Speed and Direction	IS IS	
		-	1	
Date	Time	Wind Speed m/s	Direction	
5-Dec-24	0:00	0.1	SSW	
5-Dec-24	1:00		S	
5-Dec-24	2:00	0.1	SSE	
5-Dec-24	3:00		SSE	
5-Dec-24	4:00	0.7	SSE	
5-Dec-24	5:00	0.3	S	
5-Dec-24	6:00	0.1	SSE	
5-Dec-24	7:00	0.6	S	
5-Dec-24	8:00	0.4	SE	
5-Dec-24	9:00	0.5	SSE	
5-Dec-24	10:00	0.5	SSE	
5-Dec-24	11:00	0.4	S	
5-Dec-24	12:00	0.9	SSE	
5-Dec-24	13:00	0.8	SSE	
5-Dec-24	14:00	0.7	SSE	
5-Dec-24	15:00	0.8	SSE	
5-Dec-24	16:00	0.4	S	
5-Dec-24	17:00	0.4	SSE	
5-Dec-24	18:00	0.7	SSE	
5-Dec-24	19:00	1.7	SSE	
5-Dec-24	20:00	2.3	SSE	
5-Dec-24	21:00	2.4	SSE	
5-Dec-24	22:00	2.3	SSE	
5-Dec-24	23:00	2.8	SSE	
6-Dec-24	0:00	2.7	SSE	
6-Dec-24	1:00	0.0	SSW	
6-Dec-24	2:00	0.0	SE	
6-Dec-24	3:00	0.2	SSE	
6-Dec-24	4:00	0.7	SSE	
6-Dec-24	5:00	0.5	SSE	
6-Dec-24	6:00	0.0	SSE	
6-Dec-24	7:00	0.0	SSW	
6-Dec-24	8:00	1.2	SSW	
6-Dec-24	9:00	2.1	S	
6-Dec-24	10:00	1.8	S	
6-Dec-24	11:00	2.1	S	
6-Dec-24	12:00	1.8	S	
6-Dec-24	13:00	1.8	S	
6-Dec-24	14:00	1.5	S	
6-Dec-24	15:00	1.6	SSE	
6-Dec-24	16:00	1.8	SSE	
6-Dec-24	17:00	1.9	SSE	
6-Dec-24	18:00	1.8	S	
6-Dec-24	19:00	0.2	S	
6-Dec-24	20:00	0.3	SSE	
6-Dec-24	21:00	0.0	SSE	
6-Dec-24	22:00	0.0	SSE	
6-Dec-24	23:00	0.0	SSE	

December 2024			
Tabl	e II: Wind S	Speed and Directions	5
Date	Time	Wind Speed m/s	Direction
7-Dec-24	0:00	0.0	SSE
7-Dec-24	1:00	0.0	SSE
7-Dec-24	2:00	0.0	S
7-Dec-24	3:00	0.0	SSE
7-Dec-24	4:00	0.1	SSE
7-Dec-24	5:00	0.1	SSW
7-Dec-24	6:00	0.2	SSE
7-Dec-24	7:00	0.4	SSW
7-Dec-24	8:00	1.5	SSW
7-Dec-24	9:00	2.0	SSW
7-Dec-24	10:00	2.3	SSW
7-Dec-24	11:00	2.0	S
7-Dec-24	12:00	2.3	S
7-Dec-24	13:00	2.2	S
7-Dec-24	14:00	2.5	SSE
7-Dec-24	15:00	3.3	SSE
7-Dec-24	16:00	2.6	S
7-Dec-24	17:00	2.7	S
7-Dec-24	18:00	2.7	S
7-Dec-24	19:00	2.0	SSW
7-Dec-24	20:00	2.5	S
7-Dec-24	21:00	2.4	S
7-Dec-24	22:00	2.1	SSW
7-Dec-24	23:00	2.5	SSW
8-Dec-24	0:00	2.8	SSE
8-Dec-24	1:00	2.6	S
8-Dec-24	2:00	2.7	S
8-Dec-24	3:00	2.5	S
8-Dec-24	4:00	2.2	SSE
8-Dec-24	5:00	1.9	S
8-Dec-24	6:00	2.1	S
8-Dec-24	7:00	3.3	SSE
8-Dec-24	8:00	3.0	SSE
8-Dec-24	9:00	2.6	S
8-Dec-24	10:00	2.7	SSW
8-Dec-24	11:00	2.0	S
8-Dec-24	12:00	1.8	S
8-Dec-24	13:00	1.8	S S
8-Dec-24	14:00 15:00	2.0	S
8-Dec-24	16:00	2.0	SSW
8-Dec-24 8-Dec-24	17:00	2.0	SSW
8-Dec-24	17.00	1.9	S
8-Dec-24 8-Dec-24	19:00	1.9	SSW
8-Dec-24	20:00	1.0	SSW
8-Dec-24	20.00	1.9	SSW
8-Dec-24	22:00	1.9	S
8-Dec-24	23:00	1.9	S
0-100-24	23.00	1.0	5

December 2024				
Т		nd Speed and Direction	s	
Date	Time	Wind Speed m/s	Direction	
	0:00	1.7		
9-Dec-24 9-Dec-24	1:00		S S	
	2:00	2.0 2.1	SSW	
9-Dec-24 9-Dec-24	3:00	2.1	SSW	
9-Dec-24 9-Dec-24	4:00	2.4	SSE	
9-Dec-24 9-Dec-24	5:00	2.3	S	
9-Dec-24	6:00	1.8	SSW	
9-Dec-24	7:00	2.1	SSW	
9-Dec-24	8:00	2.4	SSW	
9-Dec-24	9:00	2.1	S	
9-Dec-24	10:00	1.6	SSW	
9-Dec-24	11:00	1.3	S	
9-Dec-24	12:00	1.1	S	
9-Dec-24	13:00	0.7	S	
9-Dec-24	14:00	0.8	SW	
9-Dec-24	15:00	0.6	SSE	
9-Dec-24	16:00	0.6	S	
9-Dec-24	17:00	0.5	SE	
9-Dec-24	18:00	0.0	SSE	
9-Dec-24	19:00	0.0	SSE	
9-Dec-24	20:00	0.0	S	
9-Dec-24	21:00	0.0	SSE	
9-Dec-24	22:00	0.0	SSE	
9-Dec-24	23:00	0.2	S	
10-Dec-24	0:00	0.3	S	
10-Dec-24	1:00	0.2	S	
10-Dec-24	2:00	0.1	SSW	
10-Dec-24	3:00	0.0	S	
10-Dec-24	4:00	0.0	SSE	
10-Dec-24	5:00	0.0	SSE	
10-Dec-24	6:00	0.0	SSE	
10-Dec-24	7:00	0.0	SE	
10-Dec-24	8:00	0.2	S	
10-Dec-24	9:00	0.5	SSE	
10-Dec-24	10:00	0.5	SSW	
10-Dec-24	11:00	0.4	SSW	
10-Dec-24	12:00	0.2	SSE	
10-Dec-24	13:00	0.2	S	
10-Dec-24	14:00	0.5	SSE	
10-Dec-24	15:00	0.6	S SSE	
10-Dec-24	16:00 17:00	0.2	SSE	
10-Dec-24 10-Dec-24	17:00	0.2	ESE	
10-Dec-24 10-Dec-24	19:00	0.0	SSE	
10-Dec-24 10-Dec-24	20:00	0.0	SSE	
10-Dec-24	20:00	0.0	SSE	
10-Dec-24	22:00	0.0	S	
10-Dec-24	23:00	0.0	SE	
10-000-24	23.00	0.0		

Table II: Wind Speed and DirectionsDateTimeWind Speed m/sDirection11-Dec-240:000.0SSW11-Dec-241:000.0SSE11-Dec-242:000.0SSE11-Dec-243:000.6S11-Dec-244:000.9S11-Dec-245:001.1SSE11-Dec-246:000.8S11-Dec-247:000.2S11-Dec-249:000.5SSE11-Dec-2410:001.0S11-Dec-2411:000.5S11-Dec-2412:001.6S11-Dec-2413:002.2SSE11-Dec-2416:002.0S11-Dec-2416:002.0S11-Dec-2419:003.0SSE11-Dec-2419:003.2S11-Dec-2419:003.2S11-Dec-2422:003.3S11-Dec-2410:002.4SSE11-Dec-2410:002.4S11-Dec-2410:003.2S11-Dec-2420:003.3S11-Dec-2410:002.2SSW12-Dec-2410:002.2SSW12-Dec-2410:002.3S12-Dec-2410:002.3S12-Dec-2410:002.3S12-Dec-2410:002.5S12-Dec-2410:002.5S	December 2024			
DateTimeWind Speed m/sDirection11-Dec-240:000.0SSW11-Dec-241:000.0SSE11-Dec-242:000.0SSE11-Dec-243:000.6S11-Dec-244:000.9S11-Dec-245:001.1SSE11-Dec-246:000.8S11-Dec-247:000.2S11-Dec-249:000.5SSE11-Dec-2410:001.0S11-Dec-2412:001.6S11-Dec-2412:001.6S11-Dec-2413:002.2SSE11-Dec-2415:001.3SE11-Dec-2416:002.0S11-Dec-2416:002.0S11-Dec-2419:003.0SSE11-Dec-2418:002.4S11-Dec-2422:003.7SSE11-Dec-2419:003.2S11-Dec-2420:003.7SSE11-Dec-2420:003.7SSE11-Dec-2420:002.7S12-Dec-2410:002.4S12-Dec-2410:002.3S12-Dec-2410:002.3S12-Dec-2410:002.3S12-Dec-2410:002.3S12-Dec-2410:002.5S12-Dec-2410:002.5S12-Dec-2410:002.5S<	Table	e II: Wind S	Speed and Directions	5
11-Dec-24 $0:00$ 0.0 SSW11-Dec-24 $1:00$ 0.0 SSE11-Dec-24 $2:00$ 0.0 SSE11-Dec-24 $3:00$ 0.6 S11-Dec-24 $5:00$ 1.1 SSE11-Dec-24 $5:00$ 0.8 S11-Dec-24 $5:00$ 0.8 S11-Dec-24 $7:00$ 0.2 S11-Dec-24 $9:00$ 0.5 SSE11-Dec-24 $9:00$ 0.5 SSE11-Dec-24 $10:00$ 1.0 S11-Dec-24 $12:00$ 1.6 S11-Dec-24 $12:00$ 1.6 S11-Dec-24 $12:00$ 1.6 S11-Dec-24 $12:00$ 1.3 SE11-Dec-24 $15:00$ 1.3 SE11-Dec-24 $16:00$ 2.0 S11-Dec-24 $19:00$ 3.0 SSE11-Dec-24 $19:00$ 3.0 SSE11-Dec-24 $10:00$ 2.4 SE11-Dec-24 $20:00$ 3.7 SSE11-Dec-24 $20:00$ 3.7 SSE11-Dec-24 $20:00$ 3.2 S11-Dec-24 $20:00$ 3.3 S11-Dec-24 $20:00$ 3.2 S11-Dec-24 $20:00$ 3.3 S11-Dec-24 $20:00$ 3.3 S11-Dec-24 $20:00$ 3.3 S11-Dec-24 $20:00$ 2.5 S12-Dec-24 $3:00$ 2.4 S12-Dec-			1	1
11-Dec-241:000.0SSE11-Dec-242:000.0SSE11-Dec-243:000.6S11-Dec-244:000.9S11-Dec-245:001.1SSE11-Dec-246:000.8S11-Dec-247:000.2S11-Dec-249:000.5SSE11-Dec-2410:001.0S11-Dec-2411:000.5S11-Dec-2411:000.5S11-Dec-2412:001.6S11-Dec-2413:002.2SSE11-Dec-2414:001.8SE11-Dec-2415:001.3SE11-Dec-2416:002.0S11-Dec-2419:003.0SSE11-Dec-2419:003.0SSE11-Dec-2421:003.2S11-Dec-2420:003.7SSE11-Dec-2420:003.3S11-Dec-2420:003.3S11-Dec-2420:002.2SSW12-Dec-243:002.7S12-Dec-241:002.4S12-Dec-243:002.3SSE12-Dec-241:002.4S12-Dec-241:002.4S12-Dec-241:002.7S12-Dec-241:002.8S12-Dec-241:002.8S12-Dec-241:002.3SSE12-Dec			*	
11-Dec-242:000.0SSE11-Dec-243:000.6S11-Dec-245:001.1SSE11-Dec-246:000.8S11-Dec-247:000.2S11-Dec-249:000.5SSE11-Dec-249:000.5SSE11-Dec-2410:001.0S11-Dec-2411:000.5S11-Dec-2411:000.5S11-Dec-2411:000.5S11-Dec-2411:001.6S11-Dec-2411:001.3SE11-Dec-2415:001.3SE11-Dec-2416:002.0S11-Dec-2417:002.4SSE11-Dec-2419:003.0SSE11-Dec-2419:003.0SSE11-Dec-2419:003.0SSE11-Dec-2410:002.4S11-Dec-2421:003.2S11-Dec-2421:003.2S11-Dec-2421:003.3S11-Dec-2421:003.3S11-Dec-2421:003.3S11-Dec-2410:002.4S12-Dec-2410:002.7S12-Dec-2410:002.8S12-Dec-2410:002.4S12-Dec-243:002.6SSW12-Dec-245:002.3S12-Dec-2410:002.5S12				
11-Dec-24 $3:00$ 0.6 S $11-Dec-24$ $5:00$ 1.1 SSE $11-Dec-24$ $6:00$ 0.8 S $11-Dec-24$ $6:00$ 0.3 SSE $11-Dec-24$ $7:00$ 0.2 S $11-Dec-24$ $9:00$ 0.5 SSE $11-Dec-24$ $9:00$ 0.5 SSE $11-Dec-24$ $10:00$ 1.0 S $11-Dec-24$ $12:00$ 1.6 S $11-Dec-24$ $12:00$ 1.6 S $11-Dec-24$ $13:00$ 2.2 SSE $11-Dec-24$ $15:00$ 1.3 SE $11-Dec-24$ $15:00$ 1.3 SE $11-Dec-24$ $16:00$ 2.0 S $11-Dec-24$ $19:00$ 3.0 SSE $11-Dec-24$ $19:00$ 3.0 SSE $11-Dec-24$ $19:00$ 3.0 SSE $11-Dec-24$ $20:00$ 3.7 SSE $11-Dec-24$ $20:00$ 3.7 SSE $11-Dec-24$ $20:00$ 2.7 S $12-Dec-24$ $20:00$ 2.8 S $12-Dec-24$ $10:00$ 2.4 S $12-Dec-24$ $3:00$ 2.6 SSW $12-Dec-24$ $3:00$ 2.3 S $12-Dec-24$ $5:00$ 2.3 S $12-Dec-24$ $9:00$ 2.5 S $12-Dec-24$ $10:00$ 2.5 S $12-Dec-24$ <td></td> <td></td> <td></td> <td></td>				
11-Dec-24 $4:00$ 0.9 S $11-Dec-24$ $5:00$ 1.1 SSE $11-Dec-24$ $6:00$ 0.8 S $11-Dec-24$ $7:00$ 0.2 S $11-Dec-24$ $9:00$ 0.5 SSE $11-Dec-24$ $10:00$ 1.0 S $11-Dec-24$ $10:00$ 1.6 S $11-Dec-24$ $11:00$ 0.5 S $11-Dec-24$ $12:00$ 1.6 S $11-Dec-24$ $13:00$ 2.2 SSE $11-Dec-24$ $15:00$ 1.3 SE $11-Dec-24$ $15:00$ 1.3 SE $11-Dec-24$ $16:00$ 2.0 S $11-Dec-24$ $17:00$ 2.4 SSE $11-Dec-24$ $19:00$ 3.0 SSE $11-Dec-24$ $19:00$ 3.2 S $11-Dec-24$ $21:00$ 3.2 S $11-Dec-24$ $22:00$ 3.3 S $11-Dec-24$ $20:00$ 3.3 S $11-Dec-24$ $20:00$ 2.2 SSW $12-Dec-24$ $1:00$ 2.4 S $12-Dec-24$ $2:00$ 2.3 S $12-Dec-24$ $1:00$ 2.4 S $12-Dec-24$ $2:00$ 2.3 S $12-Dec-24$ $1:00$ 2.4 S $12-Dec-24$ $2:00$ 2.8 S $12-Dec-24$ $1:00$ 2.3 S $12-Dec-24$ $3:00$				
11-Dec-245:001.1SSE11-Dec-246:000.8S11-Dec-247:000.2S11-Dec-248:000.3SSE11-Dec-249:000.5SSE11-Dec-2410:001.0S11-Dec-2411:000.5S11-Dec-2412:001.6S11-Dec-2413:002.2SSE11-Dec-2415:001.3SE11-Dec-2415:001.3SE11-Dec-2416:002.0S11-Dec-2417:002.4SSE11-Dec-2419:003.0SSE11-Dec-2419:003.0SSE11-Dec-2421:003.2S11-Dec-2422:003.3S11-Dec-2423:002.7S12-Dec-2420:002.8S12-Dec-2410:002.4S12-Dec-2410:002.3SSE12-Dec-2410:002.3S12-Dec-243:002.3S12-Dec-245:002.3SSW12-Dec-245:002.3SSW12-Dec-2410:002.5S12-Dec-2410:002.5S12-Dec-2410:002.5S12-Dec-2410:002.5S12-Dec-2410:001.6S12-Dec-2410:001.6S12-Dec-2410:001.6S <td< td=""><td></td><td></td><td></td><td></td></td<>				
11-Dec-24 $6:00$ 0.8 S11-Dec-24 $7:00$ 0.2 S11-Dec-24 $8:00$ 0.3 SSE11-Dec-24 $9:00$ 0.5 SSE11-Dec-24 $10:00$ 1.0 S11-Dec-24 $11:00$ 0.5 S11-Dec-24 $11:00$ 0.5 S11-Dec-24 $12:00$ 1.6 S11-Dec-24 $13:00$ 2.2 SSE11-Dec-24 $14:00$ 1.8 SSE11-Dec-24 $16:00$ 2.0 S11-Dec-24 $16:00$ 2.0 S11-Dec-24 $16:00$ 2.4 S11-Dec-24 $19:00$ 3.0 SSE11-Dec-24 $19:00$ 3.0 SSE11-Dec-24 $20:00$ 3.7 SSE11-Dec-24 $20:00$ 3.7 SSE11-Dec-24 $20:00$ 3.3 S11-Dec-24 $20:00$ 3.3 S11-Dec-24 $20:00$ 3.3 S11-Dec-24 $20:00$ 3.3 S11-Dec-24 $20:00$ 3.3 S12-Dec-24 $10:00$ 2.4 S12-Dec-24 $3:00$ 2.6 SSW12-Dec-24 $3:00$ 2.6 SSW12-Dec-24 $5:00$ 2.3 S12-Dec-24 $5:00$ 2.3 S12-Dec-24 $9:00$ 2.5 S12-Dec-24 $10:00$ 2.5 S12-Dec-24 $10:00$ 1.6 S12-Dec-2				
11-Dec-247:00 0.2 S $11-Dec-24$ $8:00$ 0.3 SSE $11-Dec-24$ $9:00$ 0.5 SSE $11-Dec-24$ $10:00$ 1.0 S $11-Dec-24$ $11:00$ 0.5 S $11-Dec-24$ $12:00$ 1.6 S $11-Dec-24$ $12:00$ 1.6 S $11-Dec-24$ $13:00$ 2.2 SSE $11-Dec-24$ $14:00$ 1.8 SSE $11-Dec-24$ $15:00$ 1.3 SE $11-Dec-24$ $16:00$ 2.0 S $11-Dec-24$ $17:00$ 2.4 SSE $11-Dec-24$ $19:00$ 3.0 SSE $11-Dec-24$ $19:00$ 3.0 SSE $11-Dec-24$ $20:00$ 3.7 SSE $11-Dec-24$ $20:00$ 3.7 SSE $11-Dec-24$ $20:00$ 3.3 S $11-Dec-24$ $20:00$ 3.3 S $11-Dec-24$ $20:00$ 3.3 S $11-Dec-24$ $20:00$ 3.3 S $12-Dec-24$ $20:00$ 2.3 SSW $12-Dec-24$ $10:00$ 2.4 S $12-Dec-24$ $3:00$ 2.6 SSW $12-Dec-24$ $3:00$ 2.6 SSW $12-Dec-24$ $6:00$ 2.3 S $12-Dec-24$ $9:00$ 2.5 S $12-Dec-24$ $10:00$ 2.5 S $12-Dec-24$ $10:00$ 2.5 S<				
11-Dec-248:000.3SSE11-Dec-249:000.5SSE11-Dec-2410:001.0S11-Dec-2411:000.5S11-Dec-2412:001.6S11-Dec-2413:002.2SSE11-Dec-2415:001.3SE11-Dec-2416:002.0S11-Dec-2416:002.0S11-Dec-2417:002.4SSE11-Dec-2419:003.0SSE11-Dec-2419:003.0SSE11-Dec-2421:003.2S11-Dec-2422:003.3S11-Dec-2423:002.7S12-Dec-241:002.4S12-Dec-241:002.4S12-Dec-241:002.2SSW12-Dec-242:003.3S12-Dec-241:002.4S12-Dec-241:002.4S12-Dec-241:002.7S12-Dec-241:002.7S12-Dec-241:002.8S12-Dec-241:002.8S12-Dec-241:002.3S12-Dec-241:002.3S12-Dec-241:002.3S12-Dec-241:002.5S12-Dec-241:001.8SSW12-Dec-241:001.4SSW12-Dec-241:001.4SSW12-Dec-24 </td <td></td> <td></td> <td></td> <td></td>				
11-Dec-249:00 0.5 SSE 11 -Dec-24 $10:00$ 1.0 S 11 -Dec-24 $11:00$ 0.5 S 11 -Dec-24 $12:00$ 1.6 S 11 -Dec-24 $13:00$ 2.2 SSE 11 -Dec-24 $15:00$ 1.3 SE 11 -Dec-24 $16:00$ 2.0 S 11 -Dec-24 $16:00$ 2.0 S 11 -Dec-24 $16:00$ 2.4 SSE 11 -Dec-24 $19:00$ 3.0 SSE 11 -Dec-24 $19:00$ 3.0 SSE 11 -Dec-24 $20:00$ 3.7 SSE 11 -Dec-24 $21:00$ 3.2 S 11 -Dec-24 $22:00$ 3.3 S 11 -Dec-24 $22:00$ 3.3 S 11 -Dec-24 $20:00$ 3.7 SSE 11 -Dec-24 $20:00$ 3.7 SSE 11 -Dec-24 $20:00$ 3.7 S 11 -Dec-24 $20:00$ 3.3 S 11 -Dec-24 $20:00$ 3.3 S 11 -Dec-24 $20:00$ 2.7 S 12 -Dec-24 $0:00$ 2.2 SSW 12 -Dec-24 $1:00$ 2.4 S 12 -Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $3:00$ 2.3 S 12 -Dec-24 $9:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $10:00$ 1.4 SSW 12 -Dec-24 <td></td> <td></td> <td></td> <td></td>				
11-Dec-24 $10:00$ 1.0 S 11 -Dec-24 $11:00$ 0.5 S 11 -Dec-24 $12:00$ 1.6 S 11 -Dec-24 $13:00$ 2.2 SSE 11 -Dec-24 $14:00$ 1.8 SSE 11 -Dec-24 $15:00$ 1.3 SE 11 -Dec-24 $16:00$ 2.0 S 11 -Dec-24 $16:00$ 2.4 SSE 11 -Dec-24 $17:00$ 2.4 SSE 11 -Dec-24 $19:00$ 3.0 SSE 11 -Dec-24 $19:00$ 3.0 SSE 11 -Dec-24 $20:00$ 3.7 SSE 11 -Dec-24 $20:00$ 3.7 SSE 11 -Dec-24 $20:00$ 3.7 SSE 11 -Dec-24 $20:00$ 3.3 S 11 -Dec-24 $20:00$ 2.2 SSW 12 -Dec-24 $10:00$ 2.4 S 12 -Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $3:00$ 2.3 S 12 -Dec-24 $5:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $12:00$ 1.6 S 12 -				
11-Dec-24 $11:00$ 0.5 S 11 -Dec-24 $12:00$ 1.6 S 11 -Dec-24 $13:00$ 2.2 SSE 11 -Dec-24 $14:00$ 1.8 SSE 11 -Dec-24 $15:00$ 1.3 SE 11 -Dec-24 $16:00$ 2.0 S 11 -Dec-24 $16:00$ 2.4 SSE 11 -Dec-24 $19:00$ 3.0 SSE 11 -Dec-24 $19:00$ 3.0 SSE 11 -Dec-24 $20:00$ 3.7 SSE 11 -Dec-24 $20:00$ 3.7 SSE 11 -Dec-24 $21:00$ 3.2 S 11 -Dec-24 $22:00$ 3.3 S 11 -Dec-24 $22:00$ 3.3 S 11 -Dec-24 $22:00$ 3.3 S 11 -Dec-24 $20:00$ 2.2 SSW 12 -Dec-24 $1:00$ 2.4 S 12 -Dec-24 $2:00$ 2.8 S 12 -Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $3:00$ 2.3 S 12 -Dec-24 $5:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $12:00$ 1.6 S 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -De				
11-Dec-24 $12:00$ 1.6 S 11 -Dec-24 $13:00$ 2.2 SSE 11 -Dec-24 $14:00$ 1.8 SSE 11 -Dec-24 $15:00$ 1.3 SE 11 -Dec-24 $16:00$ 2.0 S 11 -Dec-24 $16:00$ 2.4 SSE 11 -Dec-24 $17:00$ 2.4 SSE 11 -Dec-24 $19:00$ 3.0 SSE 11 -Dec-24 $19:00$ 3.0 SSE 11 -Dec-24 $20:00$ 3.7 SSE 11 -Dec-24 $21:00$ 3.2 S 11 -Dec-24 $22:00$ 3.3 S 11 -Dec-24 $22:00$ 3.3 S 11 -Dec-24 $20:00$ 2.7 S 12 -Dec-24 $0:00$ 2.2 SSW 12 -Dec-24 $1:00$ 2.4 S 12 -Dec-24 $1:00$ 2.4 S 12 -Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $5:00$ 2.3 S 12 -Dec-24 $5:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $15:00$ 1.6 S 12 -Dec-24 $16:00$ 1.6 S 12 -De				
11-Dec-2413:002.2SSE11-Dec-2414:001.8SSE11-Dec-2415:001.3SE11-Dec-2416:002.0S11-Dec-2417:002.4SSE11-Dec-2419:003.0SSE11-Dec-2420:003.7SSE11-Dec-2421:003.2S11-Dec-2422:003.3S11-Dec-2423:002.7S12-Dec-240:002.2SSW12-Dec-241:002.4S12-Dec-242:002.3S12-Dec-242:002.3S12-Dec-243:002.6SSW12-Dec-245:002.3S12-Dec-245:002.3S12-Dec-245:002.3S12-Dec-245:002.3S12-Dec-2410:002.5S12-Dec-2412:001.8SSW12-Dec-2412:001.8SSW12-Dec-2412:001.8SSW12-Dec-2412:001.6S12-Dec-2412:001.6S12-Dec-2415:000.9SSW12-Dec-2415:000.9SSW12-Dec-2416:001.6S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2419:001.8S<				
11-Dec-2414:001.8SSE11-Dec-2415:001.3SE11-Dec-2416:002.0S11-Dec-2417:002.4SSE11-Dec-2418:002.4S11-Dec-2419:003.0SSE11-Dec-2420:003.7SSE11-Dec-2421:003.2S11-Dec-2422:003.3S11-Dec-2423:002.7S12-Dec-240:002.2SSW12-Dec-241:002.4S12-Dec-242:002.8S12-Dec-243:002.6SSW12-Dec-243:002.3S12-Dec-245:002.3S12-Dec-245:002.3SSE12-Dec-249:002.5S12-Dec-2410:002.5S12-Dec-2412:001.8SSW12-Dec-2412:001.8SSW12-Dec-2412:001.6S12-Dec-2412:001.6S12-Dec-2412:001.6S12-Dec-2413:001.7SSW12-Dec-2415:000.9SSW12-Dec-2416:001.6S12-Dec-2416:001.6S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2419:001.8S </td <td></td> <td></td> <td></td> <td></td>				
11-Dec-2415:001.3SE11-Dec-2416:002.0S11-Dec-2417:002.4SSE11-Dec-2419:003.0SSE11-Dec-2420:003.7SSE11-Dec-2421:003.2S11-Dec-2422:003.3S11-Dec-2423:002.7S12-Dec-240:002.2SSW12-Dec-241:002.4S12-Dec-242:002.8S12-Dec-243:002.6SSW12-Dec-243:002.3S12-Dec-245:002.3S12-Dec-245:002.3S12-Dec-245:002.3S12-Dec-241:002.5S12-Dec-2410:002.5S12-Dec-2411:002.2SSW12-Dec-2411:002.5S12-Dec-2411:002.5S12-Dec-2411:001.7SSW12-Dec-2411:001.4SSW12-Dec-2411:001.4SSW12-Dec-2415:000.9SSW12-Dec-2416:001.6S12-Dec-2416:001.6S12-Dec-2416:001.6S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2419:001.8S1				
11-Dec-2416:002.0S11-Dec-2417:002.4SSE11-Dec-2418:002.4S11-Dec-2419:003.0SSE11-Dec-2420:003.7SSE11-Dec-2421:003.2S11-Dec-2422:003.3S11-Dec-2423:002.7S12-Dec-240:002.2SSW12-Dec-241:002.4S12-Dec-242:002.8S12-Dec-243:002.6SSW12-Dec-244:002.3S12-Dec-245:002.3SSE12-Dec-245:002.3S12-Dec-247:002.3SSW12-Dec-249:002.5S12-Dec-2410:002.5S12-Dec-2410:002.5S12-Dec-2410:001.7SSW12-Dec-2413:001.7SSW12-Dec-2415:000.9SSW12-Dec-2415:000.9SSW12-Dec-2415:001.6S12-Dec-2416:001.6S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2410:002.1SSE12-Dec-2410:001.1S				
11-Dec-2417:002.4SSE11-Dec-2418:002.4S11-Dec-2419:003.0SSE11-Dec-2420:003.7SSE11-Dec-2421:003.2S11-Dec-2422:003.3S11-Dec-2423:002.7S12-Dec-240:002.2SSW12-Dec-241:002.4S12-Dec-242:002.8S12-Dec-242:002.3S12-Dec-243:002.6SSW12-Dec-245:002.3SSE12-Dec-245:002.3S12-Dec-246:002.3S12-Dec-247:002.3S12-Dec-249:002.5S12-Dec-2410:002.5S12-Dec-2410:002.5S12-Dec-2410:001.7SSW12-Dec-2413:001.7SSW12-Dec-2415:000.9SSW12-Dec-2415:000.9SSW12-Dec-2416:001.6S12-Dec-2416:001.6S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2419:001.8S12-Dec-2420:001.8S12-Dec-2419:001.8S12-				
11-Dec-2418:002.4S11-Dec-2419:00 3.0 SSE11-Dec-2420:00 3.7 SSE11-Dec-2421:00 3.2 S11-Dec-2422:00 3.3 S11-Dec-2423:00 2.7 S12-Dec-240:00 2.2 SSW12-Dec-241:00 2.4 S12-Dec-242:00 2.8 S12-Dec-24 $3:00$ 2.6 SSW12-Dec-24 $4:00$ 2.3 S12-Dec-24 $5:00$ 2.3 SSE12-Dec-24 $5:00$ 2.3 SSE12-Dec-24 $6:00$ 2.3 S12-Dec-24 $7:00$ 2.3 SSW12-Dec-24 $9:00$ 2.5 S12-Dec-24 $10:00$ 2.5 S12-Dec-24 $10:00$ 2.5 S12-Dec-24 $10:00$ 1.7 SSW12-Dec-24 $15:00$ 0.9 SSW12-Dec-24 $15:00$ 0.9 SSW12-Dec-24 $16:00$ 1.6 S12-Dec-24 $16:00$ 1.6 S12-Dec-24 $18:00$ 2.1 SSE12-Dec-24 $19:00$ 1.8 S12-Dec-24 $19:00$ 1.8 S12-Dec-24 $12:00$ 1.1 SSE12-Dec-24 $12:00$ 1.1 S				
11-Dec-2419:00 3.0 SSE11-Dec-2420:00 3.7 SSE11-Dec-2421:00 3.2 S11-Dec-2422:00 3.3 S11-Dec-2423:00 2.7 S12-Dec-240:00 2.2 SSW12-Dec-241:00 2.4 S12-Dec-242:00 2.8 S12-Dec-24 $3:00$ 2.6 SSW12-Dec-24 $3:00$ 2.6 SSW12-Dec-24 $5:00$ 2.3 S12-Dec-24 $5:00$ 2.3 S12-Dec-24 $6:00$ 2.3 S12-Dec-24 $6:00$ 2.3 S12-Dec-24 $9:00$ 2.5 S12-Dec-24 $9:00$ 2.5 S12-Dec-24 $10:00$ 2.5 S12-Dec-24 $10:00$ 2.5 S12-Dec-24 $10:00$ 1.7 SSW12-Dec-24 $15:00$ 0.9 SSW12-Dec-24 $15:00$ 0.9 SSW12-Dec-24 $16:00$ 1.6 S12-Dec-24 $16:00$ 1.6 S12-Dec-24 $18:00$ 2.1 SSE12-Dec-24 $19:00$ 1.8 S12-Dec-24 $19:00$ 1.8 S12-Dec-24 $12:00$ 1.1 S				
11-Dec-2420:00 3.7 SSE11-Dec-2421:00 3.2 S11-Dec-2422:00 3.3 S11-Dec-2423:00 2.7 S12-Dec-240:00 2.2 SSW12-Dec-241:00 2.4 S12-Dec-242:00 2.8 S12-Dec-24 $3:00$ 2.6 SSW12-Dec-24 $4:00$ 2.3 S12-Dec-24 $5:00$ 2.3 SSE12-Dec-24 $6:00$ 2.3 S12-Dec-24 $6:00$ 2.3 S12-Dec-24 $7:00$ 2.3 SSW12-Dec-24 $9:00$ 2.5 S12-Dec-24 $9:00$ 2.5 S12-Dec-24 $10:00$ 2.5 S12-Dec-24 $11:00$ 2.2 SSW12-Dec-24 $12:00$ 1.8 SSW12-Dec-24 $15:00$ 0.9 SSW12-Dec-24 $15:00$ 0.9 SSW12-Dec-24 $16:00$ 1.6 S12-Dec-24 $18:00$ 2.1 SSE12-Dec-24 $19:00$ 1.8 S12-Dec-24 $19:00$ 1.8 S12-Dec-24 $12:00$			3.0	
11-Dec-2421:00 3.2 S11-Dec-2422:00 3.3 S11-Dec-2423:00 2.7 S12-Dec-240:00 2.2 SSW12-Dec-241:00 2.4 S12-Dec-242:00 2.8 S12-Dec-24 $3:00$ 2.6 SSW12-Dec-24 $4:00$ 2.3 S12-Dec-24 $5:00$ 2.3 SSE12-Dec-24 $6:00$ 2.3 SSE12-Dec-24 $6:00$ 2.3 S12-Dec-24 $7:00$ 2.3 SSW12-Dec-24 $9:00$ 2.5 S12-Dec-24 $9:00$ 2.5 S12-Dec-24 $10:00$ 2.5 S12-Dec-24 $11:00$ 2.2 SSW12-Dec-24 $15:00$ 0.9 SSW12-Dec-24 $15:00$ 0.9 SSW12-Dec-24 $16:00$ 1.6 S12-Dec-24 $18:00$ 2.1 SSE12-Dec-24 $19:00$ 1.8 S12-Dec-24 $12:00$ 1.8 S				
11-Dec-2422:00 3.3 S11-Dec-2423:002.7S12-Dec-240:002.2SSW12-Dec-241:002.4S12-Dec-242:002.8S12-Dec-243:002.6SSW12-Dec-244:002.3S12-Dec-245:002.3SSE12-Dec-246:002.3S12-Dec-247:002.3SSW12-Dec-249:002.5S12-Dec-249:002.5S12-Dec-2410:002.5S12-Dec-2412:001.8SSW12-Dec-2412:001.6S12-Dec-2415:000.9SSW12-Dec-2416:001.6S12-Dec-2419:001.8S12-Dec-2417:001.6S12-Dec-2412:001.8S12-Dec-2412:001.6S12-Dec-2412:001.6S12-Dec-2412:001.6S12-Dec-2412:001.6S12-Dec-2412:001.6S12-Dec-2412:001.8S12-Dec-2412:001.8S12-Dec-2412:001.8S12-Dec-2412:001.8S12-Dec-2412:001.8S12-Dec-2412:001.8S12-Dec-2412:001.1S				
11-Dec-24 $23:00$ 2.7 S 12 -Dec-24 $0:00$ 2.2 SSW 12 -Dec-24 $1:00$ 2.4 S 12 -Dec-24 $2:00$ 2.8 S 12 -Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $4:00$ 2.3 S 12 -Dec-24 $5:00$ 2.3 SSE 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $16:00$ 1.6 S 12 -Dec-24 $18:00$ 2.1 SSE 12 -Dec-24 $19:00$ 1.8 S 12 -Dec-24 $12:00$ 1.1 S				
12-Dec-24 $0:00$ 2.2 SSW 12 -Dec-24 $1:00$ 2.4 S 12 -Dec-24 $2:00$ 2.8 S 12 -Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $4:00$ 2.3 S 12 -Dec-24 $5:00$ 2.3 SSE 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $16:00$ 1.6 S 12 -Dec-24 $18:00$ 2.1 SSE 12 -Dec-24 $19:00$ 1.8 S 12 -Dec-24 $21:00$ 1.8 S				
12-Dec-24 $1:00$ 2.4 S 12 -Dec-24 $2:00$ 2.8 S 12 -Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $4:00$ 2.3 S 12 -Dec-24 $5:00$ 2.3 SSE 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $9:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $15:00$ 1.6 S 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $16:00$ 1.6 S 12 -Dec-24 $18:00$ 2.1 SSE 12 -Dec-24 $19:00$ 1.8 S 12 -Dec-24 $20:00$ 1.8 S 12 -Dec-24 $21:00$ 1.1 S				
12-Dec-24 $2:00$ 2.8 S 12 -Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $4:00$ 2.3 S 12 -Dec-24 $5:00$ 2.3 SSE 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $7:00$ 2.3 SSW 12 -Dec-24 $9:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $16:00$ 1.6 S 12 -Dec-24 $18:00$ 2.1 SSE 12 -Dec-24 $19:00$ 1.8 S 12 -Dec-24 $20:00$ 1.8 S 12 -Dec-24 $21:00$ 1.1 S				
12-Dec-24 $3:00$ 2.6 SSW 12 -Dec-24 $4:00$ 2.3 S 12 -Dec-24 $5:00$ 2.3 SSE 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $7:00$ 2.3 SSW 12 -Dec-24 $8:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $13:00$ 1.7 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $16:00$ 1.6 S 12 -Dec-24 $18:00$ 2.1 SSE 12 -Dec-24 $19:00$ 1.8 S 12 -Dec-24 $12:00$ 1.8 S 12 -Dec-24 $21:00$ 1.1 S				
12-Dec-24 $4:00$ 2.3 S 12 -Dec-24 $5:00$ 2.3 SSE 12 -Dec-24 $6:00$ 2.3 S 12 -Dec-24 $7:00$ 2.3 SSW 12 -Dec-24 $8:00$ 2.3 S 12 -Dec-24 $9:00$ 2.5 S 12 -Dec-24 $10:00$ 2.5 S 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $11:00$ 2.2 SSW 12 -Dec-24 $12:00$ 1.8 SSW 12 -Dec-24 $13:00$ 1.7 SSW 12 -Dec-24 $15:00$ 0.9 SSW 12 -Dec-24 $16:00$ 1.6 S 12 -Dec-24 $18:00$ 2.1 SSE 12 -Dec-24 $19:00$ 1.8 S 12 -Dec-24 $12:00$ 1.8 S				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
12-Dec-24 6:00 2.3 S 12-Dec-24 7:00 2.3 SSW 12-Dec-24 8:00 2.3 S 12-Dec-24 9:00 2.5 S 12-Dec-24 10:00 2.5 S 12-Dec-24 10:00 2.5 S 12-Dec-24 10:00 2.2 SSW 12-Dec-24 12:00 1.8 SSW 12-Dec-24 13:00 1.7 SSW 12-Dec-24 15:00 0.9 SSW 12-Dec-24 16:00 1.6 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
12-Dec-24 8:00 2.3 S 12-Dec-24 9:00 2.5 S 12-Dec-24 10:00 2.5 S 12-Dec-24 11:00 2.2 SSW 12-Dec-24 12:00 1.8 SSW 12-Dec-24 13:00 1.7 SSW 12-Dec-24 15:00 0.9 SSW 12-Dec-24 16:00 1.6 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 20:00 1.8 S				
12-Dec-24 9:00 2.5 S 12-Dec-24 10:00 2.5 S 12-Dec-24 11:00 2.2 SSW 12-Dec-24 12:00 1.8 SSW 12-Dec-24 13:00 1.7 SSW 12-Dec-24 14:00 1.4 SSW 12-Dec-24 15:00 0.9 SSW 12-Dec-24 16:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 12:00 1.8 S				
12-Dec-24 10:00 2.5 S 12-Dec-24 11:00 2.2 SSW 12-Dec-24 12:00 1.8 SSW 12-Dec-24 13:00 1.7 SSW 12-Dec-24 14:00 1.4 SSW 12-Dec-24 15:00 0.9 SSW 12-Dec-24 16:00 1.6 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S				S
12-Dec-24 11:00 2.2 SSW 12-Dec-24 12:00 1.8 SSW 12-Dec-24 13:00 1.7 SSW 12-Dec-24 13:00 1.4 SSW 12-Dec-24 15:00 0.9 SSW 12-Dec-24 16:00 1.6 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 19:00 1.8 S	12-Dec-24			S
12-Dec-24 12:00 1.8 SSW 12-Dec-24 13:00 1.7 SSW 12-Dec-24 14:00 1.4 SSW 12-Dec-24 15:00 0.9 SSW 12-Dec-24 16:00 1.6 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 20:00 1.8 S				
12-Dec-24 13:00 1.7 SSW 12-Dec-24 14:00 1.4 SSW 12-Dec-24 15:00 0.9 SSW 12-Dec-24 16:00 1.6 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 20:00 1.8 S				
12-Dec-24 14:00 1.4 SSW 12-Dec-24 15:00 0.9 SSW 12-Dec-24 16:00 1.6 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 20:00 1.8 S	12-Dec-24			
12-Dec-24 15:00 0.9 SSW 12-Dec-24 16:00 1.6 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 20:00 1.8 S				
12-Dec-24 16:00 1.6 S 12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 21:00 1.1 S				
12-Dec-24 17:00 1.6 S 12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 21:00 1.1 S				
12-Dec-24 18:00 2.1 SSE 12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 21:00 1.1 S				
12-Dec-24 19:00 1.8 S 12-Dec-24 20:00 1.8 S 12-Dec-24 21:00 1.1 S				
12-Dec-24 20:00 1.8 S 12-Dec-24 21:00 1.1 S				
12-Dec-24 21:00 1.1 S				
12-Dec-24 22:00 0.9 SSW				
12-Dec-24 23:00 1.8 SSW				

December 2024				
Т	able II: Wi	nd Speed and Direction	IS	
Date	Time	Wind Speed m/s	Direction	
13-Dec-24	0:00	2.3	SSW	
13-Dec-24 13-Dec-24	1:00	2.0	SSW	
13-Dec-24 13-Dec-24	2:00	2.3	S	
13-Dec-24 13-Dec-24	3:00	2.3	SSE	
13-Dec-24	4:00	2.3	SSU	
13-Dec-24	5:00	2.3	S	
13-Dec-24	6:00	2.6	S	
13-Dec-24	7:00	3.1	S	
13-Dec-24	8:00	3.2	S	
13-Dec-24	9:00	3.3	S	
13-Dec-24	10:00	3.0	S	
13-Dec-24	11:00	3.1	SSE	
13-Dec-24 13-Dec-24	12:00	3.0	S	
13-Dec-24	13:00	3.2	S	
13-Dec-24	14:00	3.4	S	
13-Dec-24	15:00	3.2	S	
13-Dec-24	16:00	3.2	S	
13-Dec-24	17:00	3.6	S	
13-Dec-24	18:00	3.3	S	
13-Dec-24	19:00	3.0	SSW	
13-Dec-24	20:00	3.0	S	
13-Dec-24	21:00	2.8	S	
13-Dec-24	22:00	2.9	S	
13-Dec-24	23:00	3.1	S	
14-Dec-24	0:00	2.8	S	
14-Dec-24	1:00	3.2	S	
14-Dec-24	2:00	3.1	S	
14-Dec-24	3:00	3.4	S	
14-Dec-24	4:00	2.8	S	
14-Dec-24	5:00	3.3	S	
14-Dec-24	6:00	3.0	S	
14-Dec-24	7:00	3.0	S	
14-Dec-24	8:00	3.2	S	
14-Dec-24	9:00	3.5	S	
14-Dec-24	10:00	3.4	S	
14-Dec-24	11:00	3.5	S	
14-Dec-24	12:00	3.5	S	
14-Dec-24	13:00	3.5	S	
14-Dec-24	14:00	3.5	SSE	
14-Dec-24	15:00	3.2	SSE	
14-Dec-24	16:00	2.8	SSE	
14-Dec-24	17:00	3.2	SSE	
14-Dec-24	18:00	3.7	SSE	
14-Dec-24	19:00	2.7	S	
14-Dec-24	20:00	3.2	S	
14-Dec-24	21:00	2.8	S	
14-Dec-24	22:00	3.2	S	
14-Dec-24	23:00	3.1	S	

December 2024			
Table	e II: Wind S	speed and Directions	5
Date	Time	Wind Speed m/s	Direction
15-Dec-24	0:00	3.7	SSW
15-Dec-24	1:00	3.3	S
15-Dec-24	2:00	3.1	S
15-Dec-24	3:00	2.8	S
15-Dec-24	4:00	2.8	S
15-Dec-24	5:00	3.1	SSE
15-Dec-24	6:00	3.0	S
15-Dec-24	7:00	2.9	S
15-Dec-24	8:00	2.9	SSW
15-Dec-24	9:00	2.7	S
15-Dec-24	10:00	2.7	S
15-Dec-24	11:00	2.2	S
15-Dec-24	12:00	2.2	S
15-Dec-24	13:00	2.0	S
15-Dec-24	14:00	2.3	SSE
15-Dec-24	15:00	2.5	SSE
15-Dec-24	16:00	2.1	SSE
15-Dec-24	17:00	2.7	SSE
15-Dec-24	18:00	2.9	SSE
15-Dec-24	19:00	1.9	SSE
15-Dec-24	20:00	1.8	S
15-Dec-24	21:00	1.4	S
15-Dec-24	22:00	1.3	S
15-Dec-24	23:00	1.7	S
16-Dec-24	0:00	1.9	S
16-Dec-24	1:00	1.4	S
16-Dec-24	2:00	1.1	S
16-Dec-24	3:00	1.3	SSW
16-Dec-24	4:00	1.6	S
16-Dec-24	5:00	1.5	SSW
16-Dec-24	6:00	1.5	S
16-Dec-24	7:00	1.5	S
16-Dec-24	8:00	1.3	S
16-Dec-24	9:00	1.8	S
16-Dec-24	10:00	1.8	S
16-Dec-24	11:00	1.4	S
16-Dec-24	12:00	1.8	S
16-Dec-24	13:00	1.6	SSE
16-Dec-24	14:00	1.3	SSE
16-Dec-24	15:00	1.3	SSE
16-Dec-24	16:00	0.5	SSE
16-Dec-24	17:00	0.3	SSE
16-Dec-24	18:00	0.4	SSE
16-Dec-24	19:00	0.3	SSE
16-Dec-24	20:00	0.4	SSE
16-Dec-24	21:00	0.4	SSE
16-Dec-24	22:00	0.3	SSE
16-Dec-24	23:00	0.3	SSE

December 2024				
Т		nd Speed and Direction	IS	
Date	Time	Wind Speed m/s	Direction	
		*		
17-Dec-24	0:00 1:00	0.2	SSE SSE	
17-Dec-24	2:00	0.3	S	
17-Dec-24	3:00	0.3	SSE	
17-Dec-24				
17-Dec-24	4:00	0.1	S	
17-Dec-24 17-Dec-24	5:00	0.5	S	
17-Dec-24 17-Dec-24	6:00	0.3	SSE SSW	
	7:00 8:00		SSW	
17-Dec-24	9:00	0.9	S	
17-Dec-24			SSW	
17-Dec-24	10:00	1.6		
17-Dec-24 17-Dec-24	11:00	2.1 2.1	SSE	
17-Dec-24 17-Dec-24	12:00 13:00	1.6	SSE S	
17-Dec-24 17-Dec-24			SSE	
17-Dec-24 17-Dec-24	14:00 15:00	2.0	SSE	
17-Dec-24 17-Dec-24		1.5	SSE	
	16:00	0.9	SSE	
17-Dec-24	17:00 18:00	0.9	SE	
17-Dec-24 17-Dec-24		0.5	S	
17-Dec-24 17-Dec-24	19:00 20:00	0.3	SSE	
17-Dec-24 17-Dec-24		0.2	S	
17-Dec-24 17-Dec-24	21:00		SSE	
	22:00 23:00	0.1	SSE	
17-Dec-24 18-Dec-24	0:00	0.5	SSE	
	1:00	0.5	S	
18-Dec-24 18-Dec-24	2:00	0.7	SSE	
18-Dec-24 18-Dec-24	3:00	0.6	SSE	
18-Dec-24	4:00	0.9	SSE	
18-Dec-24	5:00	1.0	S	
18-Dec-24 18-Dec-24	6:00	0.8	S	
18-Dec-24 18-Dec-24	7:00	1.3	S	
18-Dec-24	8:00	1.3	S	
18-Dec-24 18-Dec-24	9:00	2.1	S	
18-Dec-24	10:00	2.6	S	
18-Dec-24	11:00	2.5	SSW	
18-Dec-24	12:00	1.7	S	
18-Dec-24	12:00	1.6	S	
18-Dec-24	14:00	1.3	S	
18-Dec-24	15:00	1.3	S	
18-Dec-24	16:00	1.4	S	
18-Dec-24	17:00	0.8	S	
18-Dec-24	18:00	1.0	SSE	
18-Dec-24	19:00	0.1	SSE	
18-Dec-24	20:00	0.9	S	
18-Dec-24	20:00	1.6	S	
18-Dec-24	21:00	1.5	S	
18-Dec-24	22:00	1.2	S	
10-Dec-24	23.00	1.2	3	

	Decen	nber 2024	
Tabl	e II: Wind S	Speed and Direction	s
Date	Time	Wind Speed m/s	Direction
19-Dec-24	0:00	0.9	S
19-Dec-24	1:00	1.2	SSW
19-Dec-24	2:00	1.0	S
19-Dec-24	3:00	0.5	SSE
19-Dec-24	4:00	0.9	S
19-Dec-24	5:00	1.6	Š
19-Dec-24	6:00	1.8	SSW
19-Dec-24	7:00	2.1	SSW
19-Dec-24	8:00	2.8	SSW
19-Dec-24	9:00	2.6	SSW
19-Dec-24	10:00	2.6	SSE
19-Dec-24	11:00	2.0	SSW
19-Dec-24	12:00	1.9	SSE
19-Dec-24	13:00	1.9	S
19-Dec-24	14:00	2.3	SSE
19-Dec-24	15:00	2.3	SSE
19-Dec-24	16:00	2.0	S
19-Dec-24	17:00	2.0	S
19-Dec-24	18:00	1.8	S
19-Dec-24	19:00	1.5	S
19-Dec-24	20:00	1.3	Š
19-Dec-24	21:00	1.0	Š
19-Dec-24	22:00	0.9	SSE
19-Dec-24	23:00	1.4	SSE
20-Dec-24	0:00	1.1	SSE
20-Dec-24	1:00	1.2	SSE
20-Dec-24	2:00	1.1	SSE
20-Dec-24	3:00	1.9	SSW
20-Dec-24	4:00	1.5	S
20-Dec-24	5:00	1.0	SSW
20-Dec-24	6:00	0.9	SSE
20-Dec-24	7:00	1.0	SSW
20-Dec-24	8:00	1.6	SSW
20-Dec-24	9:00	1.9	SSW
20-Dec-24	10:00	2.4	S
20-Dec-24	11:00	1.8	S
20-Dec-24	12:00	1.5	SSE
20-Dec-24	13:00	1.7	S
20-Dec-24	14:00	1.5	SSE
20-Dec-24	15:00	1.2	S
20-Dec-24	16:00	1.1	SSE
20-Dec-24	17:00	0.6	SSE
20-Dec-24	18:00	0.2	S
20-Dec-24	19:00	0.0	S
20-Dec-24	20:00	0.5	S
20-Dec-24	21:00	0.3	SSE
20-Dec-24	22:00	0.4	S
20-Dec-24	23:00	0.4	SSE

December 2024				
Т	able II: Wi	nd Speed and Direction	15	
Date	Time	Wind Speed m/s	Direction	
21-Dec-24		*	SSE	
21-Dec-24 21-Dec-24	0:00 1:00	0.3	S	
21-Dec-24 21-Dec-24	2:00	0.7	S	
21-Dec-24 21-Dec-24	3:00	0.6	SSE	
21-Dec-24 21-Dec-24	4:00	0.7	SSE	
21-Dec-24 21-Dec-24	5:00	0.4	SSE	
21-Dec-24	6:00	0.4	SSE	
21-Dec-24	7:00	0.7	S	
21-Dec-24	8:00	1.7	S	
21-Dec-24	9:00	2.3	S	
21-Dec-24	10:00	2.4	S	
21-Dec-24	11:00	2.3	S	
21-Dec-24	12:00	2.8	S	
21-Dec-24	13:00	2.7	S	
21-Dec-24	14:00	2.7	S	
21-Dec-24	15:00	3.3	S	
21-Dec-24	16:00	2.4	S	
21-Dec-24	17:00	2.6	SSE	
21-Dec-24	18:00	2.0	SSE	
21-Dec-24	19:00	1.2	SSE	
21-Dec-24	20:00	1.4	SSE	
21-Dec-24	21:00	2.2	S	
21-Dec-24	22:00	0.9	S	
21-Dec-24	23:00	1.6	S	
22-Dec-24	0:00	0.8	SSW	
22-Dec-24	1:00	0.9	SSW	
22-Dec-24	2:00	1.0	SSE	
22-Dec-24	3:00	1.0	S	
22-Dec-24	4:00	1.5	S	
22-Dec-24	5:00	1.9	S	
22-Dec-24	6:00	1.4	SSW	
22-Dec-24	7:00	1.6	S	
22-Dec-24	8:00	2.6	S	
22-Dec-24	9:00	3.2	SSW	
22-Dec-24	10:00	2.5	S	
22-Dec-24	11:00	2.1	SSW	
22-Dec-24	12:00	2.2	S	
22-Dec-24	13:00	2.3	S	
22-Dec-24	14:00	1.6	SSE	
22-Dec-24	15:00	1.7	SSE	
22-Dec-24	16:00	1.4	S	
22-Dec-24	17:00	1.0	SSW	
22-Dec-24	18:00	0.7	SSW	
22-Dec-24	19:00	0.7	SSE	
22-Dec-24	20:00	0.6	SSE	
22-Dec-24	21:00	0.7	SSE	
22-Dec-24	22:00	1.0	S	
22-Dec-24	23:00	1.4	S	

	Decen	nber 2024	
Tabl	e II: Wind S	Speed and Direction	5
Date	Time	Wind Speed m/s	Direction
23-Dec-24	0:00	0.9	S
23-Dec-24	1:00	1.4	S
23-Dec-24	2:00	1.2	SSW
23-Dec-24	3:00	1.1	S
23-Dec-24	4:00	1.3	Š
23-Dec-24	5:00	1.9	Š
23-Dec-24	6:00	2.0	SSW
23-Dec-24	7:00	1.9	SSW
23-Dec-24	8:00	2.4	S
23-Dec-24	9:00	2.6	Š
23-Dec-24	10:00	2.5	Š
23-Dec-24	11:00	2.5	Š
23-Dec-24	12:00	1.9	S
23-Dec-24	13:00	2.2	SSE
23-Dec-24	14:00	2.0	SSE
23-Dec-24	15:00	1.9	SSW
23-Dec-24	16:00	2.1	S
23-Dec-24	17:00	2.0	S
23-Dec-24	18:00	2.4	S
23-Dec-24 23-Dec-24	19:00	2.4	S
23-Dec-24 23-Dec-24	20:00	1.9	S
23-Dec-24	20:00	1.6	SSE
23-Dec-24	22:00	1.0	S
23-Dec-24 23-Dec-24	22:00	2.0	S
23-Dec-24 24-Dec-24	0:00	1.6	SSW
24-Dec-24 24-Dec-24	1:00	1.0	S
24-Dec-24 24-Dec-24	2:00	1.9	S
24-Dec-24 24-Dec-24	3:00	1.7	SSW
24-Dec-24 24-Dec-24	4:00	1.6	S
24-Dec-24 24-Dec-24	5:00	1.7	S
24-Dec-24 24-Dec-24	6:00	1.7	SSW
24-Dec-24 24-Dec-24	7:00	1.7	SSW
24-Dec-24 24-Dec-24	8:00	2.0	SSW
24-Dec-24 24-Dec-24	9:00	2.0	S
24-Dec-24 24-Dec-24	10:00	1.8	SSW
24-Dec-24 24-Dec-24	11:00	1.6	SSW
24-Dec-24	12:00	1.6	S
24-Dec-24 24-Dec-24	12:00	2.0	S
24-Dec-24 24-Dec-24	13:00	2.0	с С
24-Dec-24 24-Dec-24	14:00	1.5	S S
24-Dec-24 24-Dec-24	16:00	0.8	SW
24-Dec-24 24-Dec-24	17:00	1.0	SW
24-Dec-24 24-Dec-24	17:00	0.9	SW
	18:00	0.9	
24-Dec-24 24-Dec-24	20:00	1.4	S SSE
		1.4	SSE S
24-Dec-24 24-Dec-24	21:00	1.2	SSE
24-Dec-24 24-Dec-24	22:00 23:00	0.7	SSE
24-Dec-24	23:00	0.7	00 W

December 2024				
Т	able II: Wi	nd Speed and Direction	IS	
Date	Time	Wind Speed m/s	Direction	
25-Dec-24	0:00	0.3	SSW	
25-Dec-24	1:00	0.3	SSE	
25-Dec-24	2:00	0.4	SSE	
25-Dec-24	3:00	0.4	S	
25-Dec-24	4:00	1.3	SSE	
25-Dec-24	5:00	2.4	S	
25-Dec-24	6:00	2.1	S	
25-Dec-24	7:00	1.6	S	
25-Dec-24	8:00	2.1	S	
25-Dec-24	9:00	2.3	S	
25-Dec-24	10:00	1.8	SSW	
25-Dec-24	11:00	2.0	S	
25-Dec-24	12:00	1.9	S	
25-Dec-24	13:00	2.2	S	
25-Dec-24	14:00	2.3	SSE	
25-Dec-24	15:00	2.7	SSE	
25-Dec-24	16:00	2.7	S	
25-Dec-24	17:00	2.2	SSE	
25-Dec-24	18:00	1.8	S	
25-Dec-24	19:00	1.4	S	
25-Dec-24	20:00	1.9	SSW	
25-Dec-24	21:00	1.4	SSW	
25-Dec-24	22:00	1.3	S	
25-Dec-24	23:00	0.9	SSW	
26-Dec-24	0:00	1.1	S	
26-Dec-24	1:00	1.1	S	
26-Dec-24	2:00	1.2	S	
26-Dec-24	3:00	1.1	S	
26-Dec-24	4:00	1.0	S	
26-Dec-24	5:00	1.8	S	
26-Dec-24	6:00	1.2	SSW	
26-Dec-24	7:00	1.3	SSW	
26-Dec-24	8:00	1.2	SSW	
26-Dec-24	9:00	1.6	SSW	
26-Dec-24	10:00	2.4	S	
26-Dec-24	11:00	2.2	S	
26-Dec-24	12:00	1.9	S	
26-Dec-24	13:00	1.9	S S	
26-Dec-24	14:00	1.6	S	
26-Dec-24	15:00 16:00	<u> </u>	SSW	
26-Dec-24 26-Dec-24	17:00	1.7	SSW	
26-Dec-24 26-Dec-24	17:00	1.7	S	
26-Dec-24	19:00	2.0	SSE	
26-Dec-24	20:00	1.3	S	
26-Dec-24	20:00	1.3	SSE	
26-Dec-24	22:00	0.9	SSE	
26-Dec-24	23:00	0.9	SSE	
20 200-24	20.00	5.7	551	

	Decen	nber 2024	
Table	e II: Wind S	speed and Directions	5
Date	Time	Wind Speed m/s	Direction
27-Dec-24	0:00	0.8	S
27-Dec-24	1:00	0.7	S
27-Dec-24	2:00	0.7	S
27-Dec-24	3:00	0.7	SSW
27-Dec-24	4:00	1.1	S
27-Dec-24	5:00	1.2	S
27-Dec-24	6:00	1.2	S
27-Dec-24	7:00	1.5	S
27-Dec-24	8:00	1.5	S
27-Dec-24	9:00	1.7	S
27-Dec-24	10:00	1.7	S
27-Dec-24	11:00	2.1	SSE
27-Dec-24	12:00	1.8	SSE
27-Dec-24	13:00	1.5	S
27-Dec-24	14:00	1.4	SSE
27-Dec-24	15:00	1.1	SW
27-Dec-24	16:00	1.0	SSW
27-Dec-24	17:00	0.6	S
27-Dec-24	18:00	0.3	SSE
27-Dec-24	19:00	0.5	SSE
27-Dec-24	20:00	0.6	SSE
27-Dec-24	21:00	1.1	S
27-Dec-24	22:00	1.4	SSE
27-Dec-24	23:00	1.3	SSE
28-Dec-24	0:00	1.6	S
28-Dec-24	1:00	2.3	S
28-Dec-24	2:00	2.4	S
28-Dec-24	3:00	2.6	SSW
28-Dec-24	4:00	3.0	S
28-Dec-24	5:00	2.6	S
28-Dec-24	6:00	3.0	S
28-Dec-24	7:00	2.5	S
28-Dec-24	8:00	2.9	SSE
28-Dec-24	9:00	3.1	SSE
28-Dec-24	10:00	3.1	SSW
28-Dec-24	11:00	2.9	SSW
28-Dec-24	12:00	2.5	SSE
28-Dec-24	13:00	2.3	S
28-Dec-24	14:00	2.5	S
28-Dec-24	15:00	2.7 2.5	SSE
28-Dec-24 28-Dec-24	16:00 17:00	2.5	S S
		1.4	S
28-Dec-24	18:00		
28-Dec-24	19:00	1.4	S
28-Dec-24 28-Dec-24	20:00	1.1 1.6	SSE S
	21:00		S S
28-Dec-24	22:00	1.9	S S
28-Dec-24	23:00	1.6	3

December 2024										
Table II: Wind Speed and Directions										
Date	Time	Wind Speed m/s	Direction							
29-Dec-24	0:00	1.6	S							
29-Dec-24	1:00	1.4	SSW							
29-Dec-24	2:00	1.4	S							
29-Dec-24	3:00	1.6	S							
29-Dec-24	4:00	2.0	S							
29-Dec-24	5:00	1.8	S							
29-Dec-24	6:00	1.7	S							
29-Dec-24	7:00	1.7	SSW							
29-Dec-24	8:00	1.0	SSW							
29-Dec-24	9:00	1.5	SSW							
29-Dec-24	10:00	1.3	S							
29-Dec-24	11:00	1.5	S							
29-Dec-24	12:00	1.1	SSE							
29-Dec-24	13:00	1.1	SSW							
29-Dec-24	14:00	1.0	SSE							
29-Dec-24	15:00	1.0	SSE							
29-Dec-24	16:00	0.8	S							
29-Dec-24	17:00	0.8	SSW							
29-Dec-24	18:00	0.4	S							
29-Dec-24	19:00	0.6	S							
29-Dec-24	20:00	0.4	SSE							
29-Dec-24	21:00	0.2	SSE							
29-Dec-24	22:00	0.2	SE							
29-Dec-24	23:00	0.0	SSE							
30-Dec-24	0:00	0.5	SSE							
30-Dec-24	1:00	0.3	S							
30-Dec-24	2:00	0.5	SSE							
30-Dec-24	3:00	0.2	S							
30-Dec-24	4:00	0.2	SSE							
30-Dec-24	5:00	0.2	S							
30-Dec-24	6:00	0.1	SSW							
30-Dec-24	7:00	0.1	S							
30-Dec-24	8:00	0.5	S							
30-Dec-24	9:00	1.1	S							
30-Dec-24	10:00	1.6	SSW							
30-Dec-24	11:00	1.9	S							
30-Dec-24	12:00	2.1	SSW							
30-Dec-24	13:00	1.6	S							
30-Dec-24	14:00	1.4	SSE							
30-Dec-24	15:00	0.9	SSE							
30-Dec-24	16:00	0.6	SSE							
<u>30-Dec-24</u>	17:00	0.4	SSE							
<u>30-Dec-24</u>	18:00	0.6	S							
30-Dec-24	19:00	0.4	SSE							
<u>30-Dec-24</u>	20:00	0.5	SSE							
30-Dec-24	21:00	0.6	S							
30-Dec-24	22:00	0.5	SSE							
30-Dec-24	23:00	0.6	SSE							

December 2024											
Tabl	Table II: Wind Speed and Directions										
Date	Date Time Wind Speed m/s										
31-Dec-24	0:00	0.6	S								
31-Dec-24	1:00	3.0	SE								
31-Dec-24	2:00	2.6	SE								
31-Dec-24	3:00	2.7	SE								
31-Dec-24	4:00	2.0	S								
31-Dec-24	5:00	1.8	S								
31-Dec-24	6:00	1.8	S								
31-Dec-24	7:00	2.0	SSE								
31-Dec-24	8:00	1.7	SSE								
31-Dec-24	9:00	2.0	S								
31-Dec-24	10:00	2.2	S								
31-Dec-24	11:00	1.9	S								
31-Dec-24	12:00	1.6	SSW								
31-Dec-24	13:00	1.9	SSW								
31-Dec-24	14:00	1.8	SSW								
31-Dec-24	15:00	1.9	SSW								
31-Dec-24	16:00	1.8	S								
31-Dec-24	17:00	1.7	S								
31-Dec-24	18:00	2.0	S								
31-Dec-24	19:00	2.1	S								
31-Dec-24	20:00	2.4	SW								
31-Dec-24	21:00	2.3	SW								
31-Dec-24	22:00	2.3	SW								
31-Dec-24	23:00	1.8	SW								

APPENDIX D ENVIRONMENTAL MONITORING SCHEDULES

Contract No. KLN/2016/04 Environmental Monitoring Works for Contract No. KL/2015/02 Kai Tak Development –Stage 5A Infrastructure at Former North Apron Area Impact Air and Noise Monitoring Schedule for Dec 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1-Dec		3-Dec	4-Dec	5-Dec	6-Dec	7-Dec
	1-hr TSP x 3 [AM2]				1-hr TSP x 3 [AM2]	
	Noise [M3(A), M4 &					
	M5(C)]			24-hr TSP [AM2(A)]		
8-Dec	9-Dec	10-Dec	11-Dec	12-Dec	13-Dec	14-Dec
				1-hr TSP x 3 [AM2]		
				Noise [M3(A), M4 &		
			24-hr TSP [AM2(A)]			
15-Dec	16-Dec	17-Dec		M5(C)] 19-Dec	20-Dec	21-Dec
15-Dec	10-Dec	17-Dec	1-hr TSP x 3 [AM2]	19-Dec	20-Dec	21-Dec
			1-111 151 x 5 [AW12]			
			Noise [M3(A), M4 &			
		24-hr TSP [AM2(A)]				
22-Dec	23-Dec		25-Dec	26-Dec	27-Dec	28-Dec
		1-hr TSP x 3 [AM2]				
		Noise [M3(A), M4 &				
	24-hr TSP [AM2(A)]	M5(C)]				24-hr TSP [AM2(A)]
29-Dec		31-Dec				
	1-hr TSP x 3 [AM2]					
	Noise [M3(A), M4 &					
	M5(C)]					

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)

* The noise level limit is 65dB(A) during the exam period

Air Quality Monitoring Station

Noise Monitoring Station

AM2 - Lee Kau Yan Memorial School AM2(A) - Ng Wah Catholic Secondary School M3(A) - The Bridge connecting The Latitude M4 - Lee Kau Yan Memorial School M5(C) - Mercy Grace's Home

Contract No. KLN/2016/04 Environmental Monitoring Works for Contract No. KL/2015/02 Kai Tak Development –Stage 5A Infrastructure at Former North Apron Area Tentative Impact Air and Noise Monitoring Schedule for Jan 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1-Jan	2-Jan	3-Jan	4-Jan
						1-hr TSP x 3 [AM2]
			0.1	0.1	24-hr TSP [AM2(A)]	11 1
5-Jan	6-Jan	7-Jan	8-Jan	9-Jan	10-Jan	11-Jan
		1-hr TSP x 3 [AM2]				
		Noise [M3(A), M4 &				
	24-hr TSP [AM2(A)]	M5(C)]				24-hr TSP [AM2(A)]
		14-Jan	15-Jan	16-Jan	17-Jan	24-m 151 [AW12(A)] 18-Jan
12-541	1-hr TSP x 3 [AM2]	1+-Juli	1 <i>5-</i> 5411	10-5411	1-hr TSP x 3 [AM2]	10-5411
					1 101	
	Noise [M3(A), M4 &					
	M5(C)]			24-hr TSP [AM2(A)]		
19-Jan		21-Jan	22-Jan	23-Jan	24-Jan	25-Jan
				1-hr TSP x 3 [AM2]		
				Noise [M3(A), M4 &		
			24-hr TSP [AM2(A)]	M5(C)]		
26-Jan	27-Jan	28-Jan	29-Jan	30-Jan	31-Jan	
		1-hr TSP x 3 [AM2]				
		Noice IM2(A) M4 9				
	24 ha TSD [A M2(A)]	Noise [M3(A), M4 &				
	24-hr TSP [AM2(A)]	M5(C)]				

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)

* The noise level limit is 65dB(A) during the exam period

Air Quality Monitoring Station

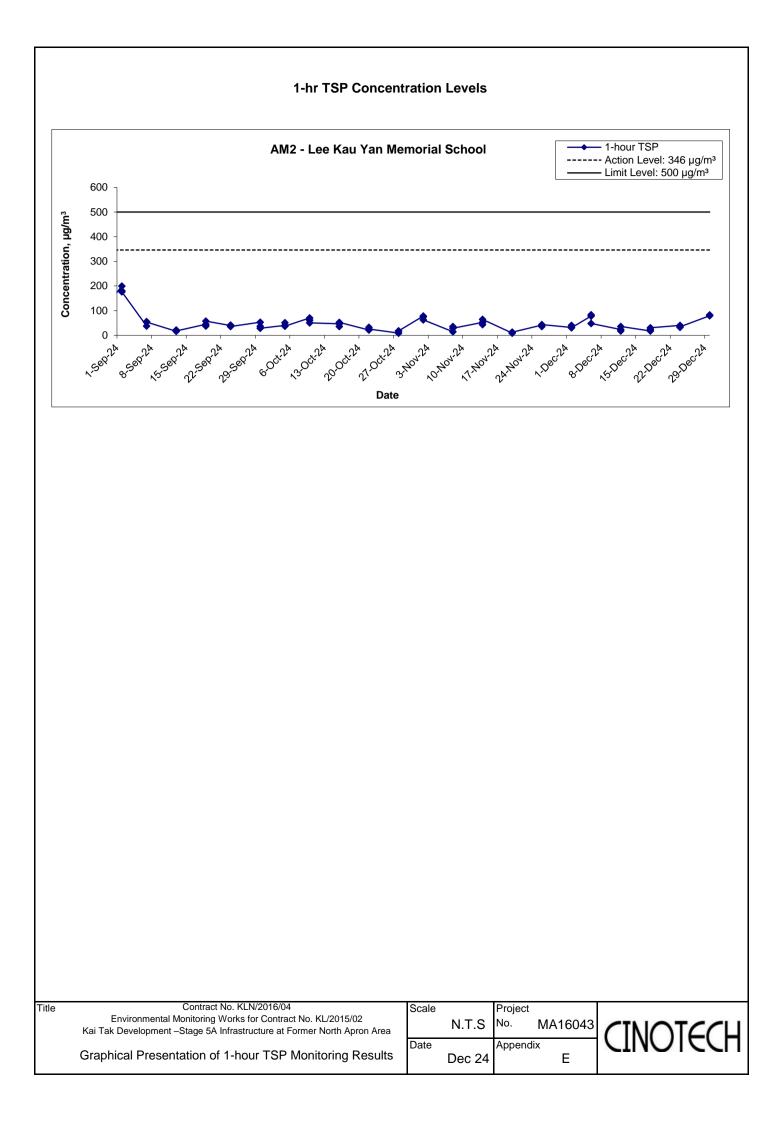
Noise Monitoring Station

AM2 - Lee Kau Yan Memorial School AM2(A) - Ng Wah Catholic Secondary School M3(A) - The Bridge connecting The Latitude M4 - Lee Kau Yan Memorial School M5(C) - Mercy Grace's Home

APPENDIX E 1-HOUR TSP MONITORING RESULTS AND GRAPHICAL PRESENTATION

Appendix E - 1-hour TSP Monitoring Results

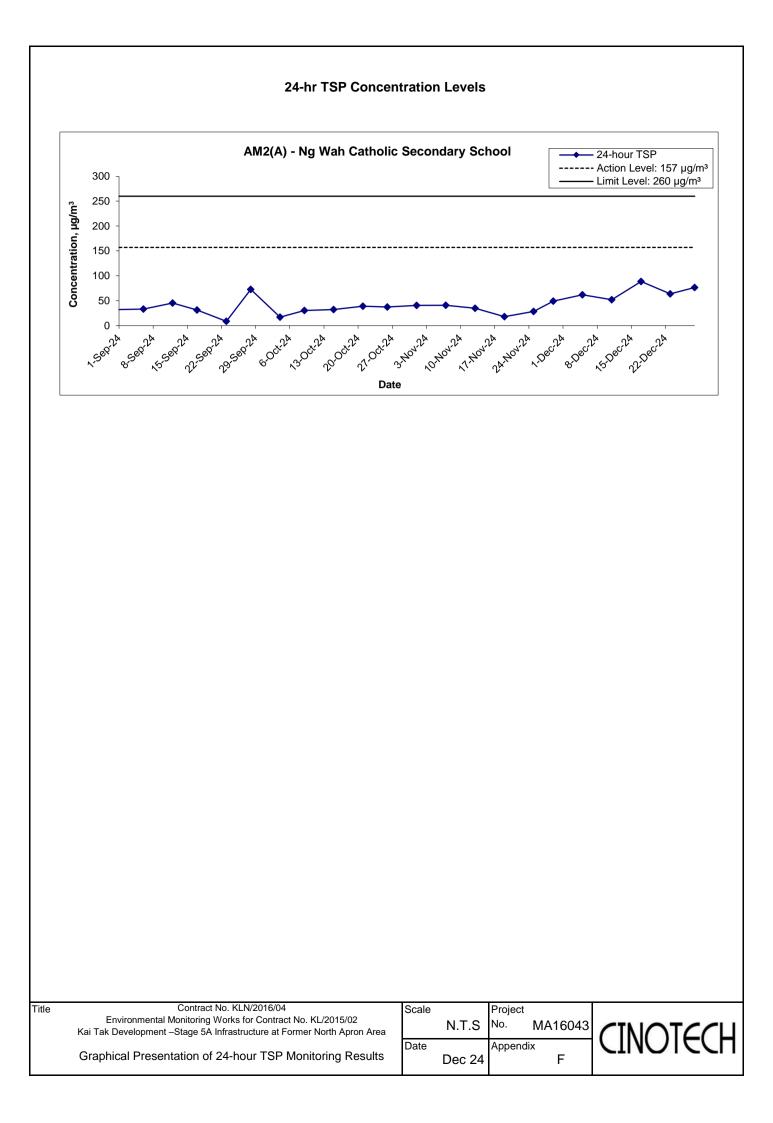
Location AM2 -	Location AM2 - Lee Kau Yan Memorial School									
Date	Time	Weather	Particulate Concentration (µg/m ³)							
2-Dec-24	14:03	Sunny	32.0							
2-Dec-24	15:03	Sunny	40.0							
2-Dec-24	16:03	Sunny	30.4							
6-Dec-24	9:33	Sunny	78.4							
6-Dec-24	10:33	Sunny	83.2							
6-Dec-24	11:33	Sunny	48.0							
12-Dec-24	9:00	Sunny	23.4							
12-Dec-24	10:00	Sunny	18.0							
12-Dec-24	11:00	Sunny	36.0							
18-Dec-24	16:00	Sunny	18.0							
18-Dec-24	17:00	Sunny	23.4							
18-Dec-24	18:00	Sunny	30.6							
24-Dec-24	13:00	Fine	39.9							
24-Dec-24	14:00	Fine	32.3							
24-Dec-24	15:00	Fine	34.2							
30-Dec-24	9:15	Sunny	79.2							
30-Dec-24	10:15	Sunny	82.8							
30-Dec-24	11:15	Sunny	81.0							
		Average	45.0							
		Maximum	83.2							
		Minimum	18.0							



APPENDIX F 24-HOUR TSP MONITORING RESULTS AND GRAPHICAL PRESENTATION

Appendix F - 24-hour TSP Monitoring Results

Start Date	Weather	Air Temp.	Atmospheric Pressure,	Filter W	eight (g)	Particulate	Elapse	e Time	Sampling	Flow Rate	e (m ³ /min.)	Av. Flow	Total vol.	Conc.
Start Date	Condition	(K)	Pa (mmHg)	Initial	Final	weight (g)	Initial	Final	Time (hrs.)	Initial	Final	(m ³ /min)	(m ³)	(µg/m ³)
5-Dec-24	Fine	294.6	763.4	2.7017	2.8104	0.1088	13267.6	13291.6	24.0	1.22	1.22	1.22	1761.4	61.7
11-Dec-24	Sunny	293.9	764.0	3.3462	3.4381	0.0918	13291.6	13315.6	24.0	1.22	1.23	1.22	1763.6	52.1
17-Dec-24	Sunny	291.3	766.8	3.3636	3.5206	0.1570	13315.7	13339.7	24.0	1.23	1.23	1.23	1772.5	88.6
23-Dec-24	Sunny	290.0	766.7	2.7044	2.8176	0.1132	13339.7	13363.7	24.0	1.23	1.23	1.23	1775.7	63.7
28-Dec-24	Fine	289.2	769.1	2.8393	2.9756	0.1363	13363.7	13387.7	24.0	1.24	1.24	1.24	1779.9	76.6
													Min	52.1
													Max	88.6



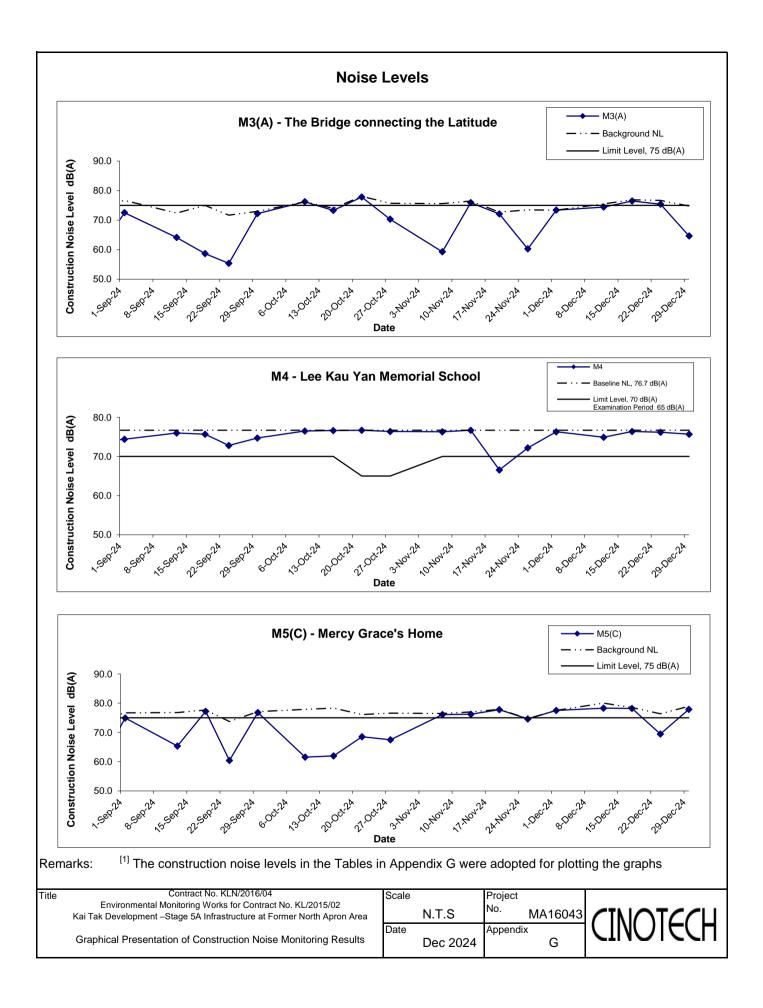
APPENDIX G NOISE MONITORING RESULTS AND GRAPHICAL PRESENTATION

Appendix G - Noise Monitoring Results

Location M3(Location M3(A) - The Bridge connecting The Latitude										
				Unit: dB (A) (30-min)							
Date	Time	Weather	Measured Noise Level		evel	Background Noise	Co	nstruction Noise Level			
			L _{eq}	L ₁₀ L ₉₀ L _{eq}		L _{eq}		L _{eq}			
2-Dec-24	13:02	Sunny	73.4	75.0	71.2	73.4	73.4	Measured ≦ Background			
12-Dec-24	16:15	Cloudy	74.4	76.6	71.2	75.5	74.4	Measured ≦ Background			
18-Dec-24	11:23	Sunny	76.5	78.2	74.2	76.9	76.5	Measured ≦ Background			
24-Dec-24	13:30	Fine	75.4	78.9	72.3	76.7	75.4	Measured ≦ Background			
30-Dec-24	9:49	Fine	75.2	77.8	72.9	74.8	64.6				

			Unit: dB (A) (30-min)							
Date	Time	Weather	Mea	Measured Noise Level Baseline Level				nstruction Noise Level		
			L _{eq}	L ₁₀	L ₉₀	L _{eq}		L _{eq}		
2-Dec-24	15:01	Sunny	76.3	77.6	74.7		76.3	Measured ≦ Baseline		
12-Dec-24	15:21	Cloudy	74.9	76.3	73.1		74.9	Measured ≦ Baseline		
18-Dec-24	15:24	Sunny	76.4	77.8	74.7	76.7	76.4	Measured ≦ Baseline		
24-Dec-24	13:00	Fine	76.2	78.6	74.3]	76.2	Measured ≦ Baseline		
30-Dec-24	13:20	Fine	75.7	76.4	73.2		75.7	Measured ≦ Baseline		

Location M5(ocation M5(C) - Mercy Grace's Home											
				Unit: dB (A) (30-min)								
Date	Time	Weather	Measured Noise Level		evel	Background Noise	Construction Noise Level					
			L _{eq}	L ₁₀	L ₉₀	L _{eq}		L _{eq}				
2-Dec-24	14:00	Sunny	77.5	79.5	74.3	77.5	77.5	Measured ≦ Background				
12-Dec-24	13:05	Cloudy	78.3	80.8	73.0	80.0	78.3	Measured ≦ Background				
18-Dec-24	13:56	Sunny	78.2	80.3	75.0	78.5	78.2	Measured ≦ Background				
24-Dec-24	14:00	Fine	77.2	78.8	74.0	76.4	69.5					
30-Dec-24	14:00	Fine	77.9	79.8	75.2	78.9	77.9	Measured ≦ Background				



APPENDIX H SUMMARY OF EXCEEDANCE

Appendix H – Summary of Exceedance

Exceedance Record for Contract No. KL/2015/02 Reporting Month: December 2024

- (A) Exceedance Record for Air Quality (NIL in the reporting month)
- (B) Exceedance Record for Construction Noise (NIL in the reporting month)
- (C) Exceedance Record for Landscape and Visual (NIL in the reporting month)

APPENDIX I SITE AUDIT SUMMARY

Checklist Reference Number	241202
Date	02 December 2024 (Monday)
Time	14:00 - 16:00

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality	
	No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	No environmental deficiency was identified during site inspection.	
	D. Noise	
	No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
241202-R1	Oil leakage from breaker head was observed.	E08
	F. Visual and Landscape	
	No environmental deficiency was identified during site inspection	
	G. Permits /Licences	
	No environmental deficiency was identified during site inspection.	
	H. Others	
	• No environmental deficiency was identified during previous site inspection.	

	Name	Signature	Date
Recorded by	Serena Ng	Y.	02 December 2024
Checked by	Charles Fung	- Chran	04 December 2024

Checklist Reference Number	241211
Date	11 December 2024 (Wednesday)
Time	09:30 - 11:30

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality	
	No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	No environmental deficiency was identified during site inspection.	
	D. Noise	
	No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
241211-R1	Accumulation of general refuse should be avoided.	E01i
	F. Visual and Landscape	
	No environmental deficiency was identified during site inspection	
	G. Permits /Licences	
	No environmental deficiency was identified during site inspection.	
	H. Others	
	• Follow-up on the previous session (Ref no. 241202), all items have been improved/rectified by the contractor.	

	Name	Signature	Date
Recorded by	Charles Fung	- Chran	11 December 2024
Checked by	Serena Ng	Y.	13 December 2024

Checklist Reference Number	241216
Date	16 December 2024 (Monday)
Time	14:00 - 16:00

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality	
	No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	No environmental deficiency was identified during site inspection.	
	D. Noise	
	No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
241216-R1	Oil leakage from the breaker head was observed.	E08
	F. Visual and Landscape	
-	No environmental deficiency was identified during site inspection	
	G. Permits /Licences	
	No environmental deficiency was identified during site inspection.	
	H. Others	
	• Follow-up on the previous session (Ref no. 241211), all items have been improved/rectified by the contractor.	

	Name	Signature	Date
Recorded by	Serena Ng	Y.	16 December 2024
Checked by	Charles Fung	- Chran	18 December 2024

Checklist Reference Number	241223
Date	23 December 2024 (Monday)
Time	14:00 - 16:00

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality	
	No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	No environmental deficiency was identified during site inspection.	
	D. Noise	
	No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
	No environmental deficiency was identified during site inspection.	
	F. Visual and Landscape	
	No environmental deficiency was identified during site inspection	
	G. Permits /Licences	
	No environmental deficiency was identified during site inspection.	
	H. Others	
	• Follow-up on the previous session (Ref no. 241216), all items have been improved/rectified by the contractor.	

	Name	Signature	Date
Recorded by	Serena Ng	Y.	23 December 2024
Checked by	Charles Fung	- Chran	27 December 2024

Checklist Reference Number	241230
Date	30 December 2024 (Monday)
Time	14:00 - 16:00

Ref. No.	Non-Compliance	Related Item No.
-	None identified	-
Ref. No.	Remarks/Observations	Related Item No.
	B. Water Quality	
	No environmental deficiency was identified during site inspection.	
	C. Air Quality	
	No environmental deficiency was identified during site inspection.	
	D. Noise	
	No environmental deficiency was identified during site inspection.	
	E. Waste / Chemical Management	
	No environmental deficiency was identified during site inspection.	
	F. Visual and Landscape	
	No environmental deficiency was identified during site inspection	
	G. Permits /Licences	
	No environmental deficiency was identified during site inspection.	
	H. Others	
	• No environmental deficiency was identified during the previous site inspection.	

	Name	Signature	Date
Recorded by	Serena Ng	Y.	30 December 2024
Checked by	Charles Fung	- Chran	2 January 2025

APPENDIX J EVENT ACTION PLANS

Event/Action Plan for Air Quality

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

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

Event/Action Plan for Construction Noise

EVENT	ACTION					
	ET	IEC	ER	CONTRACTOR		
Action Level	1. Notify ER, IEC and Contractor;	1. Review the investigation	1. Confirm receipt of	1. Submit noise mitigation		
being	2. Carry out investigation;	results submitted by the ET;	notification of failure in	proposals to IEC and ER;		
exceeded	3. Report the results of investigation	2. Review the proposed remedial	writing;	2. Implement noise mitigation		
	to the IEC, ER and Contractor;	measures by the Contractor and	2. Notify Contractor;	proposals.		
	4. Discuss with the IEC and	advise the ER accordingly;	3. In consolidation with the	(The above actions should be		
	Contractor on remedial measures	3. Advise the ER on the	IEC, agree with the	taken within 2 working days after		
	required;	effectiveness of the proposed	Contractor on the remedial	the exceedance is identified)		
	5. Increase monitoring frequency to	remedial measures.	measures to be implemented;			
	check mitigation effectiveness.	(The above actions should be	4. Supervise the			
	(The above actions should be taken	taken within 2 working days after	implementation of remedial			
	within 2 working days after the	the exceedance is identified)	measures.			
	exceedance is identified)		(The above actions should be			
			taken within 2 working days			
			after the exceedance is			
			identified)			
Limit Level	1. Inform IEC, ER, Contractor and	1. Discuss amongst ER, ET, and	1. Confirm receipt of	1. Take immediate action to		
being	EPD;	Contractor on the potential	notification of failure in	avoid further exceedance;		
exceeded	2. Repeat measurements to confirm	remedial actions;	writing;	2. Submit proposals for remedial		
	findings;	2. Review Contractor's remedial	2. Notify Contractor;	actions to IEC and ER within 3		
	3. Increase monitoring frequency;	actions whenever necessary to	3. In consolidation with the	working days of notification;		
	4. Identify source and investigate the	assure their effectiveness and	IEC, agree with the	3. Implement the agreed		
	cause of exceedance;	advise the ER accordingly.	Contractor on the remedial	proposals;		

5. Carry out analysis of Contractor's	(The above actions should be	measures to be implemented;	4. Submit further proposal if
working procedures;	taken within 2 working days after	4. Supervise the	problem still not under control;
6. Discuss with the IEC, Contractor	the exceedance is identified)	implementation of remedial	5. Stop the relevant portion of
and ER on remedial measures		measures;	works as instructed by the ER
required;		5. If exceedance continues,	until the exceedance is abated.
7. Assess effectiveness of		consider stopping the	(The above actions should be
Contractor's remedial actions and		Contractor to continue	taken within 2 working days after
keep IEC, EPD and ER informed of		working on that portion of	the exceedance is identified)
the results;		work which causes the	
8. If exceedance stops, cease		exceedance until the	
additional monitoring.		exceedance is abated.	
(The above actions should be taken		(The above actions should be	
within 2 working days after the		taken within 2 working days	
exceedance is identified)		after the exceedance is	
		identified)	

Event/Action Plan for Landscape and Visual

EVENT	ACTION				
ACTION LEVEL	ET	IEC	ER	CONTRACTOR	
Design Check	 Check final design conforms to the requirements of EP and prepare report. 	 Check report. Recommend remedial design if necessary 	1. Undertake remedial design if necessary		
Non-conformity on one occasion	 Identify Source Inform IEC and ER Discuss remedial actions with IEC, 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 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	1. Identify Source Inform IEC and	1. Check monitoring report	 Notify Contractor Ensure remedial measures are properly 	 Amend working methods Rectify damage and 	

ER	2. Check Contractor's	implemented	undertake any necessary
2. Increase	working method		replacement
monitoring	3. Discuss with ET and		
frequency	Contractor on possible		
3. Discuss remedial	remedial measures		
actions with IEC,	4. Advise ER on		
ER and Contractor	effectiveness of		
4. Monitor remedial	proposed remedial		
actions until	measures		
rectification has	5. Supervise		
been completed	implementation of		
5. If non-conformity	remedial measures.		
stops, cease			
additional			
monitoring			

APPENDIX K ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE (EMIS)

sEIA Ref.	Recommended Mitigation Measures	Implementation
SERT Ref.	Recommended Mitigation Acasules	Status
Construct	ion Air Quality	
S6.5	8 times daily watering of the work site with active dust emitting activities.	۸
S6.8	Implementation of dust suppression measures stipulated in Air Pollution Control (Construction Dust) Regulation. The following mitigation	٨
	measures, good site practices and a comprehensive dust monitoring and audit programme are recommended to minimize cumulative dust impacts.	
	• Stockpiling site(s) should be lined with impermeable sheeting and bunded. Stockpiles should be fully covered by impermeable sheeting to	٨
	reduce dust emission.	
	• Misting for the dusty material should be carried out before being loaded into the vehicle. Any vehicle with an open load carrying area should	٨
	have properly fitted side and tail boards.	
	• 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	٨
	and covered by a clean tarpaulin.	
	• The tarpaulin should be properly secured and should extent at least 300 mm over the edges of the sides and tailboards. The material should	٨
	also be dampened if necessary before transportation.	
	• The vehicles should be restricted to maximum speed of 10 km per hour and confined haulage and delivery vehicle to designated roadways	٨
	insider the site. Onsite unpaved roads should be compacted and kept free of lose materials.	
	Vehicle washing facilities should be provided at every vehicle exit point.	N/A(1)
	• 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	٨
	concrete, bituminous materials or hardcores.	
	• 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	٨
	surface wet.	
	• 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	٨
	three sides.	
	• Every vehicle should be washed to remove any dusty materials from its body and wheels before leaving the construction sites.	۸

Appendix K – Summary of Implementation Schedule of Mitigation Measures for Construction Phase

S6.8	•	DWFI compound for JVBC:	N/A
		A DWFI compound is proposed at the downstream of JVC to contain pollution in drainage systems entering the KTAC and KTTS by	
		interception facilities until the ultimate removal of the pollution sources. Tidal barriers and desiliting facilities will form part of the	
		compounds to prevent any accumulation of sediment within the downstream section of JVBC and hence fully mitigate the potential odour	
		emissions from the headspace of JVBC near the existing discharge locations. The odour generating operations within the proposed desilting	
		compound will be fully enclosed and the odorous air will be collected and treated by high efficiency deodorizers before discharge to the	
		atmosphere.	
	•	Desilting compound for KTN:	N/A
		Two desilting compounds are proposed for KTN (at Site 1D6 and Site 1P1) to contain pollution in drainage systems entering the KTAC and	
		KTTS by interception facilities until the ultimate removal of the pollution sources. Tidal barriers and desiliting facilities will form part of the	
		compounds to prevent any accumulation of sediment within the downstream section of KTN and hence fully mitigate the potential odour	
		emissions from the headspace of KTN near the existing discharge locations. The odour generating operations within the proposed desilting	
		compound will be fully enclosed and the odorous air will be collected and treated by high efficiency deodorizers before discharge to the	
		atmosphere.	
		Decking or reconstruction of KTN within apron area:	N/A
		It is proposed to deck the KTN or reconstruct the KTN within the former Apron area into Kai Tak River from the south of Road D1 to the	
		north of Road D2 along the existing alignment of KTN. The Kai Tak River will compose of a number of channels flowing with nonodorous	
		fresh water and THEES effluent. The channel flowing with THEES effluent will be designed with the width of water surface of not more	
		than 16m.	
	•	Localised maintenance dredging:	N/A
		Localised maintenance dredging should be conducted to provide water depth of not less than 3.5m over the whole of KTAC and KTTS. With	
		reference to the water depth data recorded during the odour survey, only some of the areas in the northern part of KTAC (i.e. to the north of	
		taxiway bridge) including the area near the northern edge of KTAC, the area near western bank of KTAC, and the area near the JVC	
		discharge have water depths shallower than 3.5m. The area involved would be about 40% of the northern KTAC and the dredging depth	
		required would be from about 2.7m to less than 1m. The maintenance dredging to be carried out prior to the occupation of any new	
ł		development in the immediate vicinity of KTAC to avoid potential localized odour impacts at the future ASRs during the maintenance	

	dredging operation.	
	Improvement of water circulation in KTAC and KTTS:	N/A
	600m gap opening at the northern part of the former Kai Tak runway, the water circulation in KTAC and KTTS would be substantially	
	improved. Together with the improvement in water circulation, the DO level in KTAC and KTTS would also be increased.	
	<u>In-situ sediment treatment by bioremediation:</u>	
	Bioremediation would be applied to the entire KTAC and KTTS.	N/A
Constru	ction Noise	
S7.8	Use of quiet PME, movable barriers barrier for Asphalt Paver, Breaker, Excavator and Hand-held breaker and full enclosure for Air Compressor, Bar	٨
	Bender, Concrete Pump, Generator and Water Pump.	
S7.9	Good Site Practice:	
	Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction program.	٨
	• Silencers or mufflers on construction equipment should be utilized and should be properly maintained during the construction program.	٨
	• Mobile plant, if any, should be sited as far away from NSRs as possible.	
	• Machines and plant (such as trucks) that may be in intermittent use should be shut down between works periods or should be throttled down	٨
	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	٨
	nearby NSRs.	
	• Material stockpiles and other structures should be effectively utilized, wherever practicable, in screening noise from on-site construction	۸
	activities.	
S7.9	Scheduling of Construction Works during School Examination Period	٨
S7.8	(i) Provision of low noise surfacing in a section of Road L2; and	N/A
	(ii) Provision of structural fins	N/A
S7.8	(i) Avoid the sensitive façade of class room facing Road L2 and L4; and	N/A
	(ii) Provision of low noise surfacing in a section of Road L2 & L4	N/A

		so that swift actions could be taken in case of malfunction of unmanned facilities	
	•	For all unmanned SPSs, a remote monitor system connecting SPSs with the control station through telemetry system should be provided	N/A
	•	An alarm should be installed to signal emergency high water level in the wet well at all SPSs; and	N/A
	•	Standby pumps should be provided at all SPSs to ensure smooth operation of the SPS during maintenance of the duty pumps;	N/A
	•	Dual power supply or emergency generator should be provided at all the SPSs to secure electrical power supply;	N/A
S8.8	The fo	llowing mitigation measures are proposed to be incorporated in the design of the SPS at KTD, including:	
Constru	ction Wa	ter Quality	
S7.8	Installa	ation of retractable roof or other equivalent measures	N/A
	(iv)	EFTS depot	N/A
	(iii)	Tunnel Ventilation Shaft	N/A
	(ii)	ESS	N/A
	(i)	SPS	N/A
S7.8	All the	ventilation fans installed in the below will be provided with silencers or acoustics treatment.	
		noise impacts from the slip road	
		alternative mitigation measures and at-source mitigation measures for the surrounding new local roads to minimise the potential traffic	
S7.8	(i)	avoid any sensitive facades with openable window facing the slip road connecting Prince Edward Road East and San Po Kong or other	٨
		less than 55m away from To Kwa Wan Road to no more than 25m above ground	
	(ii)	provision of 17.5m high noise tolerant building fronting To Kwa Wan Road and restrict the height of the residential block(s) located at	N/A
S7.8	(i)	avoid any sensitive facades with openable window facing the existing To Kwa Wan Road or	N/A
		provide the facades with openable window.	
	(ii)	for the sensitive facades facing the To Kwa Wan direction, either setback the facades by about 5m to the northeast direction or do not	N/A
		class room facing Road L2 and L4; and	
S7.8	(i)	avoid any sensitive façades with openable window facing the existing Kowloon City Road network; and Avoid the sensitive façade of	N/A
S7.8	Setbac	k of building about 35m to the northwest direction at 1L3 and 5m at Site 1L2.	N/A
	(ii)	Setback of building about 5m from site boundary.	N/A
S7.8	(i)	Provision of low noise surfacing in a section of Road L4 before occupation of Site 111; and	N/A

S8.8	Construction Phase	
	Marine-based Construction	
	Capital and Maintenance Dredging for Cruise Terminal	
	Mitigation measures for construction of the proposed cruise terminal should follow those recommended in the approved EIA for CT Dredging.	N/A
S8.8	Fireboat Berth, Runway Opening and Road T2	
	Silt curtains should be deployed around the close grab dredger to minimize release of sediment and other contaminants for any dredging and filling activities in open water.	N/A
S8.8	Dredging at and near the seawall area for construction of the public landing steps cum fireboat berth should be carried out at a maximum production	N/A
	rate of 1,000m ³ per day using one grab dredger.	
S8.8	The proposed construction method for runway opening should adopt an approach where the existing seawall at the runway will not be removed until completion of all excavation and dredging works for demolition of the runway. Thus, excavation of bulk fill and majority of the dredging works will be carried out behind the existing seawall, and the sediment plume can be effectively contained within the works area. As there is likely some accumulation of sediments alongside the runway, there will be a need to dredge the existing seabed after completion of all the demolition works.	N/A
	Dredging alongside the 600m opening should be carried out at a maximum production rate of 2,000m ³ per day using one grab dredger.	
8.8	Dredging for Road T2 should be conducted at a maximum rate of 8,000m ³ per day (using four grab dredgers) whereas the sand filling should be	N/A
	conducted at a maximum rate of 2,000m3 per day (using two grab dredgers).	
8.8	Silt screens shall be applied to seawater intakes at WSD seawater intake.	N/A

S8.8	Land-based Construction	
	Construction Runoff	
	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	۸
	adequate maintenance of drainage systems to prevent flooding and overflow	۸
S8.8	Ideally, construction works should be programmed to minimise surface excavation works during the rainy season (April to September). All exposed	٨
	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	Construction site should be provided with adequately designed perimeter channel and pre-treatment facilities and proper maintenance. The	٨
	boundaries of critical areas of earthworks should be marked and surrounded by dykes or embankments for flood protection. Temporary ditches	
	should be provided to facilitate runoff discharge into the appropriate watercourses, via a silt retention pond. Permanent drainage channels should	
	incorporate sediment basins or traps and baffles to enhance deposition rates. The design of efficient silt removal facilities should be based on the	
	guidelines in Appendix A1 of ProPECC PN 1/94.	
S8.8	Sediment tanks of sufficient capacity, constructed from pre-formed individual cells of approximately 6 to 8 m ³ capacity, are recommended as a	٨
	general mitigation measure which can be used for settling surface runoff prior to disposal. The system capacity is flexible and able to handle	
	multiple inputs from a variety of sources and particularly suited to applications where the influent is pumped.	
S8.8	Open stockpiles of construction materials (for examples, aggregates, sand and fill material) of more than 50 m ³ should be covered with tarpaulin or	٨
	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	٨
	materials or debris being washed into the drainage system and storm runoff being directed into foul sewers.	
S8.8	Precautions to be taken at any time of year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecast, and actions to	٨
	be taken during or after rainstorms are summarized in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silty	

Appendix K – Summary of Implementation Schedule of Mitigation Measures for Co	Construction Phase
---	---------------------------

	surface runoff during storm events.	
S8.8	Oil interceptors should be provided in the drainage system and regularly cleaned to prevent the release of oils and grease into the storm water	N/A(1)
50.0	drainage system after accidental spillages. The interceptor should have a bypass to prevent flushing during periods of heavy rain.	$\mathbf{WA}(\mathbf{I})$
S8.8		٨
58.8	All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on	
	roads. An adequately designed and located wheel washing bay should be provided at every site exit, and wash-water should have sand and silt	
	settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and	
	exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking	
	of soil and silty water to public roads and drains.	
S8.8	Drainage	
	It is recommended that on-site drainage system should be installed prior to the commencement of other construction activities. Sediment traps	٨
	should be installed in order to minimise the sediment loading of the effluent prior to discharge into foul sewers. There should be no direct discharge	
	of effluent from the site into the sea	
S8.8	All temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge should be adequately designed for the controlled	٨
	release of storm flows. All sediment control measures should be regularly inspected and maintained to ensure proper and efficient operation at all	
	times and particularly following rain storms. The temporarily diverted drainage should be reinstated to its original condition when the construction	
	work has finished or the temporary diversion is no longer required.	
S8.8	All fuel tanks and storage areas should be provided with locks and be located on sealed areas, within bunds of a capacity equal to 110% of the	٨
	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	٨
	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.	

Stormustar Discharges	
Sionwaler Discharges	
Minimum distances of 100 m should be maintained between the existing or planned stormwater discharges and the existing or planned sequeter	٨
Debris and Litter	
	٨
contract, to ensure that site management is optimised and that disposal of any solid materials, litter or wastes to marine waters does not occur	
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.	٨
The use of less or smaller construction plants may be specified to reduce the disturbance to the bottom sediment at the drainage channel /storm	٨
culvert / nullah.	
Temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction materials should be	٨
located well away from any water courses during carrying out of the construction works	
Stockpiling of construction materials and dusty materials should be covered and located away from any water courses.	٨
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.	٨
Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the waterfront, where practicable.	٨
Mitigation measures to control site runoff from entering the nearby water environment should be implemented to minimize water quality impacts.	٨
Surface channels should be provided along the edge of the waterfront within the work sites to intercept the runoff.	
Construction effluent, site run-off and sewage should be properly collected and/or treated.	٨
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	N/A
bottom and properly supported props to prevent adverse impact on the storm water quality.	
Silt curtain may be installed around the construction activities at the seafront to minimize the potential impacts due to accidental spillage of	N/A
construction materials.	
Proper shoring may need to be erected in order to prevent soil/mud from slipping into the storm culvert/drainage channel/sea.	N/A
	The proposed works should preferably be carried out within the dry season where the flow in the drainage channel /storm culvert/nullah is low. 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. 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 Stockpiling of construction materials and dusty materials should be covered and located away from any water courses. Construction debris and spoil should be covered up and/or disposed of as soon as possible to avoid being washed into the nearby water receivers. Construction activities, which generate large amount of wastewater, should be carried out in a distance away from the waterfront, where practicable. 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. Construction effluent, site run-off and sewage 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. 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	Supervisory staff should be assigned to station on site to closely supervise and monitor the works	٨
S8.8	Marine water quality monitoring and audit programme shall be implemented for the proposed sediment treatment operation.	N/A
Constru	action Waste Management	
S9.5	Good Site Practices	
	It is not anticipated that adverse waste management related impacts would arise, provided that good site practices are adhered to. Recommendations	
	for good site practices during the dredging activities include:	
	• Nomination of an approved person, such as a site manager, be responsible for good site practices, arrangements for collection and effective	٨
	disposal to an appropriate facility, of all wastes generated at the site.	
	Training of site personnel in proper waste management and chemical waste handling procedures.	٨
	• Provision of sufficient waste disposal points and regular collection for disposal.	٨
	• Appropriate measure to minimize windblown litter and dust during transportation of waste by either covering trucks or by transporting	٨
	wastes in enclosed containers.	
	• A recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites).	٨
S9.5	Waste Reduction Measures	
	Good management and control can prevent the generation of a significant amount of waste. Waste reduction is best achieved at the planning and	
	design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include:	
	Sort C&D waste from demolition of the remaining structures to recover recyclable portions such as metals	٨
	• Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and	٨
	their proper disposal	
	• Encourage collection of aluminium cans, PET bottles and paper by providing separate labelled bins to enable these wastes to be segregated	٨
	from other general refuse generated by the work force	
	Any unused chemicals or those with remaining functional capacity should be recycled	٨
	Proper storage and site practices to minimise the potential for damage or contamination of construction materials	٨

S9.5	Dredged Marine Sediment	
	The basic requirements and procedures for dredged mud disposal are specified under the ETWB TCW No. 34/2002. The management of the	N/A
	dredging, use and disposal of marine mud is monitored by the MFC, while the licensing of marine dumping is required under the Dumping at Sea	
	Ordinance and is the responsibility of the Director of Environmental Protection (DEP)	
S9.5	The dredged marine sediments would be loaded onto barges and transported to the designated disposal sites allocated by the MFC depending on	N/A
	their level of contamination. Sediment classified as Category L would be suitable for Type 1 - Open Sea Disposal. Contaminated sediment would	
	require either Type 1 - Open Sea Disposal (Dedicated Sites), Type 2 - Confined Marine Disposal, or Type 3 - Special Treatment / Disposal and must	
	be dredged and transported with great care in accordance with ETWB TCW No. 34/2002. Subject to the final allocation of the disposal sites by	
	MFC, the dredged contaminated sediment must be effectively isolated from the environment and disposed properly at the designated disposal site	
S9.5	It will be the responsibility of the contractor to satisfy the appropriate authorities that the contamination levels of the marine sediment to be dredged	
	have been analysed and recorded. According to the ETWB TCW No. 34/2002, this will involve the submission of a formal Sediment Quality Report	
	to the DEP, prior to the dredging contract being tendered. The contractor for the dredging works should apply for allocation of marine disposal sites	
	and all necessary permits from relevant authorities for the disposal of dredged sediment. During transportation and disposal of the dredged marine	
	sediments requiring Type 1, Type 2, or Type 3 disposal, the following measures should be taken to minimise potential impacts on water quality:	
	• Bottom opening of barges should be fitted with tight fitting seals to prevent leakage of material. Excess material should be cleaned from the	N/A
	decks and exposed fittings of barges and hopper dredgers before the vessel is moved	
	• Monitoring of the barge loading should be conducted to ensure that loss of material does not take place during transportation. Transport	N/A
	barges or vessels should be equipped with automatic selfmonitoring devices as required under the Dumping at Sea Ordinance and as	
	specified by the DEP	
	• Barges or hopper barges should not be filled to a level that would cause the overflow of materials or sediment laden water during loading or	N/A
	transportation	
S9.5	Construction and Demolition Material	
	Mitigation measures and good site practices should be incorporated into contract document to control potential environmental impact from handling	
	and transportation of C&D material. The mitigation measures include:	
	• Where it is unavoidable to have transient stockpiles of C&D material within the Project work site pending collection for disposal, the	٨

transient stockpiles should be located away from waterfront or storm drains as far as possible	
• Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric	۸
• Skip hoist for material transport should be totally enclosed by impervious sheeting	۸
• Every vehicle should be washed to remove any dusty materials from its body and wheels before leaving a construction site	۸
• 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	۸
concrete, bituminous materials or hardcores	
• The load of dusty materials carried by vehicle leaving a construction site should be covered entirely by clean impervious sheeting to ensure	۸
dust materials do not leak from the vehicle	
• All dusty materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty materials	۸
wet	
• The height from which excavated materials are dropped should be controlled to a minimum practical height to limit fugitive dust generation	۸
from unloading	
When delivering inert C&D material to public fill reception facilities, the material should consist entirely of inert construction waste and of size less	۸
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 and Demolition Materials" should be included as one of the contractual requirements and implemented by an	
Environmental Team undertaking the Environmental Monitoring and Audit work. An Independent Environmental Checker should be responsible for	
auditing the results of the system.	
Chemical Waste	
(i) After use, chemical wastes (for example, cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice	٨
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	
(ii) Maintenance of vehicles and equipment involving activities with potential of leakage and spillage should only be undertaken within the areas	*
which are appropriately equipped to control these discharges.	
	 Open stockpiles of construction materials or construction wastes on -site should be covered with tarpaulin or similar fabric Skip hoist for material transport should be totally enclosed by impervious sheeting Every vehicle should be washed to remove any dusty materials from its body and wheels before leaving a construction site 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 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 All dusty materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet The height from which excavated materials are dropped should be controlled to a minimum practical height to limit fugitive dust generation from unloading 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 and Demolition Materials" should with work. An Independent Environmental Checker should be responsible for auditing the results of the system. (h) 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 Waste Size of Chemical Waste) (<i>General</i>) Regulation (i) Maintenance of vehicles and equipment involving activities with po

S9.5	General R	efuse	
	the contra	efuse should be stored in enclosed bins or compaction units separate from C&D material. A licensed waste collector should be employed by ctor to remove general refuse from the site, separately from C&D material. Effective collection and storage methods (including enclosed ed area) of site wastes would be required to prevent waste materials from being blown around by wind, wastewater discharge by flushing	*
	or leachin	g into the marine environment, or creating odour nuisance or pest and vermin problem	
Construct	ion Lands	cape and Visual	
S13.9	CM1	All existing trees should be carefully protected during construction.	۸
	CM2	Trees unavoidably affected by the works should be transplanted where practical. Detailed transplanting proposal will be submitted to	٨
		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.	N/A(1)
	CM4	Erection of decorative screen hoarding.	Λ

Remarks:

^	Compliance of mitigation measure
*	Recommendations were made during site audits but improved/rectified by the Contractor
#	Recommendations were made during site audits but has not yet been improved/rectified by the Contractor
•	Non-compliance but rectified by the Contractor
X	Non-compliance of mitigation measure
N/A	Not Applicable at this stage
N/A(1)	Not observed

APPENDIX L SUMMARIES OF ENVIRONMENTAL COMPLAINT, WARNING, SUMMON AND NOTIFICATION OF SUCCESSFUL PROSECUTION

Contract No. KLN/2016/04 Environmental Monitoring Works for Contract No. KL/2015/02 Kai Tak Development – Stage 5A Infrastructure at Former North Apron Area

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

EPD Complaint Ref No.	Location	Received Date	Details of Complaint	Investigation/Mitigation Action	Status
17-34438	Dakota Drive and Olympic Avenue	23 October 2017	The complainant concerned about the dust emission when vehicle running on the dry surface outside Dakota Drive and Olympic Avenue. In addition, vehicles were not clear enough before leaving the construction site.	 In accordance with the information gathered in the investigation, construction activities were conducted with proper mitigation measures to minimize the dust impact arise from the construction site to the vicinity of this Project. Regular water spraying was provided to haul roads and unpaved areas within the site areas to reduce the dust impact arise from the construction site to the vicinity of this Project. The Contractor had also ensured vehicles and plants were wheel washed to be cleaned of mud and debris before leaving the construction site area. Therefore, the complaint is considered as non-project related. The following recommendations were made to further enhance the mitigation measures: Where practicable, to provide sheltered area on the top and three sides for stockpiles of dusty materials, or perform frequent water spraying so as to maintain the entire surface wet; Frequent checking and repair the gaps or broken tarpaulin sheets; and To provide a hard-surfaced road between any cleaning facility and the public Road 	Closed

Complaint Log

Remarks: No complaint was received in the reporting month.

Contract No. KLN/2016/04 Environmental Monitoring Works for Contract No. KL/2015/02 Kai Tak Development – Stage 5A Infrastructure at Former North Apron Area

Appendix L – Summary of environmental complaint, warning, summon and notification of successful prosecution

Log Ref.Received DateDetails of Warning / Summons and Successful ProsecutionsInvestigation/Mitigation ActionStatusN/AN/AN/AN/AN/A

Warnings / Summons and Successful Prosecutions received

Remarks: No warning/summon and prosecution was received in the reporting month.

APPENDIX M SUMMARY OF WASTE GENERATION AND DISPOSAL RECORDS



Monthly Summary Waste Flow Table for 2024

As at 2 January 202

		Quantities o	f Inert C & D Ma	aterials Genera	ated Monthly		C	uantities of C 8	& D Wastes Gei	nerated Month	ly
Month	Total Quantity Generated	Hard Rock and Large Broken	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ Cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
	(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m³)
Jan	0.045	0	0	0	0.045	0	0	0	0	0	0
Feb	0	0	0	0	0	0	0	0	0	0	0
Mar	0.081	0	0	0	0.081	0	0	0	0	0	0
Apr	0.009	0	0	0	0.009	0	0	0	0	0	0
May	0.036	0	0	0	0.036	0	0	0	0	0	0.007
June	0.09	0	0	0	0.09	0	0	0	0	0	0
Sub-total	70.471	0	0	0.406	70.065	0	0	0	0	0	2.954
July	0.009	0	0	0	0.009	0	0	0	0	0	0.014
Aug	0.126	0	0	0	0.126	0	0	0	0	0	0.014
Sept	0.027	0	0	0	0.027	0	0	0	0	0	0.007
Oct	0.09	0	0	0	0.09	0	0	0	0	0	0.007
Nov	0.216	0	0	0	0.216	0	0	0	0	0	0
Dec	0.216	0	0	0	0.216	0	0	0	0	0	0
Total	71.155	0	0	0.406	70.749	0	0	0	0	0	2.996

		Forecast of T	otal Quantitie	s of C&D Mate	rials to be Gene	erated from the	e Contract*			
Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ Cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000m³)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m³)
72	0	0	1	71	0	0	0	0	0	3

Notes: (1) The performance targets are given in PS clause 6(14).

(2) The waste flow table shall also include C & D materials that are specified in the Contract to be imported for use at the Site.

(3) Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging material.

(4) The Contractor shall also submit the latest forcast of the total amount of C&D materials exected to be generated from the Works, together with a

braskdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or excreeding 50,00 m³. (PS Cleuse 25.02A(7) refers).

APPENDIX N CONSTRUCTION PROGRAMME

Kai Tak Development

- Stage 5A Infrastructure At Former North Apron Area

Bar Chart Programme

		202	?	202	3											2024	ļ										
	Anticipated Completion	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Removal of Traffic Deckings at Prince Edward Road East Outer Eastbound in front of Shek Ku Lung Road Playground	29-May-23																										
- Reinstatement of Shek Ku Lung Road Playground	26-Oct-23																										
Reinstatement of Footpath of Prince Edward Road East in front of Shek Ku Lung Road Playground	27-Mar-24																										
- Reinstatement of Stage 2	30-Nov-22																										
- Reinstatement of Stage 1	15-Mar-23																										
- Structural Works for LT2 & ST2	8-Feb-24																										
- Steel Works Erection for LT2 and ST2	8-Apr-24																										
- Finishing and E&M Works for LT2 and ST2	1-Oct-24																										
- Road Works of Road D1 (Olympic Ave)	30-Dec-24																										

Contract No. KL/2015/02 3 month rolling Programme

	DD/MM/YY	Duration	Start	Finish	Dec-24	Jan-25 Feb-25
Item	Section 1 of Works - Portion 1 _ PERE				29 30 31	3 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 23 24 25 26 27 23 24 25 26 27 23 24 25 26
1	Lift installation at LT2	50	02/12/2024	20/1/2025		
2	Landscaping works along Road D1	70	10/12/2024	17/2/2025		
3	Construction of Irrigation System	40	03/12/2024	11/1/2025		
4	Finishing works at ST2	70	01/11/2024	09/1/2025		
5	Paving Works at Road D1	50	10/12/2024	28/1/2025		
6	Metal works at ST2	21	05/1/2025	25/1/2025		

Appendix B

Monthly EM&A Report For Contract No. ED/2018/01 Kai Tak Development – Stage 4 infrastructure at the former runway and south apron



Environmental Monitoring and Audit Report for Contract No. ED/2018/01 –

Kai Tak Development – Stage 4 infrastructure at the former runway and south apron

Contract No.: EDO 15/2018

December 2024

(Version 1.1)

Certified By:	1
	(Environmental Team Leader)



Ref.: CEDKTDS4EM00_0_0396L.25

15 January 2025

By Post and Email

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

Attention: Ms. Fanny Lau

Dear Madam,

Re: Contract No. ED/2018/01 – Kai Tak Development Stage 4 Infrastructure at the Former Runway and South Apron

Monthly EM&A Report for December 2024

Reference is made to the Environmental Team's submission of the Monthly EM&A Report for December 2024 (Version 1.1) certified by the ET Leader and provided to us via email on 15 January 2025.

Please be advised that we have no further comment on the captioned Monthly EM&A Report in accordance with Condition 3.3 of EP-337/2009 and Condition 3.2 of EP-445/2013/B.

Thank you for your attention. Please do not hesitate to contact the undersigned should you have any queries.

Yours faithfully, For and on behalf of Ramboll Hong Kong Limited

Y H Hui Independent Environmental Checker

c.c. CEDD Ka Shing Penta-Ocean Attn.: Mr. Jason Wong Attn.: Mr. Chan Pang Attn.: Mr. Daniel Ho Fax: 2739 0076 By Email Fax: 2572 4080

Q:\Projects\CEDKTDS4EM00\02 Proj_Mgt\02 Corr\CEDKTDS4EM00_0_0396L.25.doc

Ramboll Hong Kong Limited 英環香港有限公司

21/F, BEA Harbour View Centre, 56 Gloucester Road, Wan Chai, Hong Kong Tel: 852.3465 2888 Fax: 852.3465 2899 www.ramboll.com

Table of Content

Page

EXECUT	IVE SUMMARY1
	Breaches of Action and Limit Levels
	Complaint log 1
	Notifications of summons and successful prosecutions
	Report changes
	Key construction works in the reporting month
	Future key issues
1.	INTRODUCTION
	Project Background
	Project Organization
	Works Area and Construction Programme
	Construction works undertaken during reporting month
	Submission Status under the Environmental Permits
2.	AIR QUALITY MONITORING
	Monitoring Requirements7
	Monitoring Locations
	Monitoring Parameters, Frequency and Duration
	Monitoring Equipment
	Monitoring Methodology and QA/QC Procedure 10
	Wind Data Monitoring 12
	Action and Limit Levels
	Impact Air Quality Monitoring results
3.	NOISE MONITORING 15
	Monitoring Requirements 15
	Monitoring Locations
	Monitoring Parameters, Frequency and Duration

	Monitoring Equipment	17
	Monitoring Methodology and QA/QC Procedure	
	Maintenance and Calibration	
	Action and Limit Levels	19
	Impact Noise Monitoring results	19
4.	COMPARISON OF EM&A RESULTS WITH EIA PREDICTIONS	
5.	LANDSCAPE AND VISUAL MONITORING	
	Results and Observations	
6.	ENVIRONMENTAL SITE INSPECTION AND AUDIT	
	Site Inspection	
	Status of Waste Management	
	Status of Environmental Licenses, Notification and Permits	
	Implementation Status of Environmental Mitigation Measures	
	Environmental Complaint and Non-compliance	
	Notifications of summons and successful prosecutions	
7.	FUTURE KEY ISSUES	
	Construction Programme in the coming month	
	Environmental Site Inspection and Monitoring Schedule for next month	
8.	CONCLUSIONS	30

List of Tables

Table I	Non-compliance Record in the Reporting Month
Table II	Summary of complaints in the Reporting Month
Table III	Summary of summons and successful prosecutions in the Reporting Month
Table IV	Summary of future key issues and potential impact in the coming month
Table 1.1	Contact Information of Key Personnel
Table 1.2	Major activities of the Project during reporting month
Table 1.3	Summary of Status of Required Submission of EPs

- Table 2.1Locations of Air Quality Monitoring Stations
- Table 2.2Proposed alternative monitoring locations for AM4(A)
- Table 2.3
 Air Quality Monitoring Parameters, Frequency and Duration
- Table 2.4Air Quality Monitoring Equipment
- Table 2.5Action and Limit Levels of 24-hour average TSP for Construction Dust
Monitoring
- Table 2.6Action and Limit Levels of 1-hour average TSP for Construction Dust
Monitoring
- Table 2.7Summary of 24-hour average TSP Monitoring Data during the reporting month
- Table 2.8Summary of 1-hour average TSP Monitoring Data during the reporting month
- Table 3.1
 Locations of Noise Monitoring Stations
- Table 3.2Proposed alternative monitoring locations for M11
- Table 3.3
 Noise Monitoring Parameters, Frequency and Duration
- Table 3.4Noise Monitoring Equipment
- Table 3.5
 Baseline Noise Level and Action and Limit Levels for Construction Noise

 Monitoring
- Table 3.6
 Summary of Noise Monitoring Data during the reporting month
- Table 4.1
 Comparison of 24-hour average TSP Monitoring Data with EIA predictions
- Table 4.2
 Comparison of 1-hour average TSP Monitoring Data with EIA predictions
- Table 4.3
 Comparison of Noise Monitoring Data with EIA predictions
- Table 5.1
 Summary of observations of Landscape and Visual impact during the reporting month
- Table 6.1
 Summary of site inspections observations during the reporting month
- Table 6.2
 Summary of Environmental Licenses, Notifications and Permits
- Table 6.3Summary of complaints in the Reporting Month
- Table 6.4
 Summary of summons and successful prosecutions in the Reporting Month
- Table 7.1
 Summary of future key issues and potential impact in the coming month

List of Figure

- Figure 1 Proposed works of Contract No. ED/2018/01
- Figure 2 Proposed Bus Stop And Associated Noise Barrier At Road D3A

Figure 3 – Future Pedestrian Connection Between Landscaped Deck And Private Developments

- Figure 4 Site Layout Plan
- Figure 5 New Opened Road on 31 December 2022
- Figure 6 Air Quality Monitoring Stations
- Figure 7 Proposed Alternative Monitoring Locations for AM4(A)
- Figure 8 Noise Monitoring Stations
- Figure 9 Proposed Alternative Monitoring Locations for M11

List of Appendices

- Appendix A Organization Chart of EM&A Team
- Appendix B Construction Programme
- Appendix C Apply permission for Environmental Monitoring
- Appendix D Environmental monitoring schedules
- Appendix E Photographic records
- Appendix F Calibration certificates, catalogue of air quality monitoring equipment
- Appendix G Weather information
- Appendix H 24-hr TSP monitoring results and graphical presentation
- Appendix I 1-hr TSP monitoring results and graphical presentation
- Appendix J Event and Action Plan for air quality
- Appendix K Calibration certificates, catalogue of noise monitoring equipment
- Appendix L Noise monitoring results and graphical presentation
- Appendix M Event and Action Plan for noise

- Appendix N Event and Action Plan for Landscape and Visual Impact
- Appendix O Waste Flow Table
- Appendix P Environmental Mitigation Implementation Schedule (EMIS)
- Appendix Q Summaries of Environmental Complaint, Warning, Summon and Notification of Successful Prosecution

EXECUTIVE SUMMARY

This is the 60th Monthly Environmental Monitoring & Audit (EM&A) report which summaries the findings of the EM&A Programme during the reporting period from 1 to 31 December 2024.

Breaches of Action and Limit Levels

- 1) 1-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
- 2) 24-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
- 3) Construction noise monitoring was conducted as scheduled in the reporting month. No Action Level and Limit Level exceedance was recorded in the reporting month.
- 4) Summary of the non-compliance in the reporting month for the Project is tabulated in Table I.

No. of Exceedance Parameter Action Taken Action Level Limit Level N/A 1-hr TSP 0 0 24-hr TSP 0 0 N/A Construction noise 0 0 N/A

Table I Non-compliance Record in the Reporting Month

Complaint log

5) No complaint was received in the reporting month. Summary of complaints in the reporting month is tabulated in Table II.

|--|

Date of complaint received	Description of complaint	Investigation / Recommendations / Action taken	Close-out date / Status
NA	NA	NA	NA

Date of complaint received	Description of complaint	Investigation / Recommendations / Action taken	Close-out date / Status

Notifications of summons and successful prosecutions

6) No notification of summons and successful prosecutions was received in the reporting month. Summary of summons and successful prosecutions in the reporting month is tabulated in Table III.

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

Table III Summary of summons and successful prosecutions in the Reporting Month

Report changes

7) There was no reporting change in the reporting month.

Key construction works in the reporting month

- 8) Major construction activities undertake during the reporting month included:
 - Installation of Glass-reinforced Cement (GRC) seating at Open Space and Promenade
 - External finishing works of Saltwater & Sewage Pumping Station
 - Soft landscaping works at Open Space and Promenade and Elevated Landscape Deck
 - Hard landscaping works at Open Space and Promenade and Elevated Landscape Deck
 - Installation of light pole and bollard light at Open Space and Promenade
 - Internal finishing works of Observation Deck
 - Internal finishing works at Toilet cum and Changing Room
 - Installation of glass balustrade along seafront of Open Space and Promenade
 - E&M works of Saltwater & Sewage Pumping Station

Future key issues

9) The future key issues and potential impact in the coming month are given in Table IV.

Future key issues in the coming month	Potential impact	
Installation of Glass-reinforced Cement (GRC) seating at Open	Noise and Air Quality, Chemical	
Space and Promenade	and Waste Management	
External finishing works of Saltwater & Sewage Pumping Station	Noise, Air and Water Quality	
Soft landscaping works at Open Space and Promenade and Elevated	Noise and Air Quality, Chemical	
Landscape Deck	and Waste Management	
Hard landscaping works at Open Space and Promenade and Elevated	Noise and Air Quality, Chemical	
Landscape Deck	and Waste Management	
Installation of light pole and bollard light at Open Space and	Noise and Air Quality, Chemical	
Promenade	and Waste Management	
Internal finishing works of Observation Deck	Noise and Air Quality, Chemical	
Internal Infishing works of Observation Deck	and Waste Management	
Internal finishing works at Toilet cum and Changing Room	Noise and Air Quality, Chemica	
Internal miniming works at ronet cum and Changing Room	and Waste Management	
Installation of glass balustrade along seafront of Open Space and	Noise and Air Quality, Chemical	
Promenade	and Waste Management	
E&M works of Saltwater & Sewage Pumping Station	Noise and Air Quality, Chemical	
Daw works of Satiwater & Sewage Fullping Station	and Waste Management	

Table IV Summary of future key issues and potential impact in the coming month

1. INTRODUCTION

Project Background

- 1.1 The Kai Tak Development (KTD) is located in the south-eastern 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/2018/01 Kai Tak Development stage 4 infrastructure at the former runway and south apron (The Project), comprises mainly the design and construction of a dual two- lane Road D3 (Metro Park Section), a single 2-lane Road L12d, a salt water pumping station, a sewage pumping station, landscaped deck and promenade above and adjoining Road D3 (Metro Park Section) respectively, some remaining road works at Road L14, noise barrier at Road D3A, and other associated works at the former runway and south apron. The proposed works are shown in Figure 1 and Figure 2. During the course of the Contract No. ED/2018/01, there may be modification of noise barriers in association with the construction of footbridges connecting to the landscaped deck of Road D3A by developers of adjacent lands (Figure 3). The proposed works and site boundary are shown in Figure 4.
- 1.3 The new road connecting Shing Fung Road & Shing Kai Road has been open for public vehicles since 31 December 2022. Detailed location referring to Figure 5.
- 1.4 Civil Engineering and Development Department (CEDD) had completed an Environmental Impact Assessment (EIA) and is the Permit Holder.
- 1.5 The construction work under ED/2018/01 comprises the EM&A Manuals (EIA Register Nos. AEIAR-130/2009 for Kai Tak Development and EIA Register Nos. AEIAR-170/2013 for Roads D3A and D4A) and Environmental Permit (EP) Nos. EP-337/2009 and Variation to the EP (VEP) No. EP-445/2013/B.
- 1.6 Air quality and noise monitoring has been proposed in the EM&A Manual with EIA Register Nos. AEIAR-130/2009 for Kai Tak Development while no air quality and noise monitoring are proposed in EM&A Manual with EIA Register Nos. AEIAR-170/2013 for Roads D3A and D4A.

Project Organization

1.7 The project organization chart 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.

Party	Role	Contact Person	Position	Phone No.	Fax No.
Civil Engineering and Development	Project	Mr. Jason Wong	Senior Engineer	3579 2453	2739 0076
Development Department (CEDD)	Proponent	Ms. Chan Ka Yan	Engineer	3579 2458	2739 0076
AECOM Asia Co. Ltd. (AECOM)	Supervisor (act as Engineers' Representative (ER) listed in EM&A Manual)	Ms. Fanny Lau	CRE	3911 4201	3911 4288
Ramboll Hong Kong Limited (Ramboll)	Independent Environmental Checker (IEC)	Mr. Y H Hui	IEC	3465 2850	3465 2899
Ka Shing Management Consultant Limited (Ka Shing)	Environmental Team (ET)	Mr. Chan Pang	ET Leader	6082 2973	2120 7752
Penta-Ocean Construction Co., Ltd. (Penta-Ocean)	Contractor	Mr. Tony Tang	Environmental Officer	9433 2628	3465 8898

Table 1.1 Contact Information of Key Personnel

Works Area and Construction Programme

1.8 The construction works commenced on 20 January 2020. The construction programme of the Project is given in Appendix B.

Construction works undertaken during reporting month

1.9 Major construction works of the Project in the reporting month are summarized in Table 1.2:

Construction of footing for Glass-reinforced Cement	Hard landscaping works at Elevated Landscape Deck
(GRC) seating at Open Space and Promenade	
Installation of Glass-reinforced Cement (GRC)	Internal finishing works of Observation Deck
seating at Open Space and Promenade	
External finishing works of Saltwater & Sewage	Internal finishing works at Toilet cum and Changing
Pumping Station	Room
Soft landscaping works at Open Space and	Installation of glass balustrade along seafront of
Promenade	Open Space and Promenade
Hard landscaping works at Open Space and	Installation of light pole and bollard at Open Space
Promenade	and Promenade
	and Promenade

Table 1.2 Major activities of the Project during reporting month

Submission Status under the Environmental Permits

1.10 The status of required submission under Environmental Permit (EP) conditions under EP-337/2009 and Variation to the EP (VEP) No. EP-445/2013/B are summarized in Table 1.3.

<u>note 1.5 Summary of Status of Required Submission of E15</u>					
EP Condition EP-337/2009	EP Condition EP-445/2013/B	Submission	Submission Date		
Condition 1.11	Condition 1.12	Notification of Commencement Date of Construction of the Project	6 Jan 2020		
Condition 2.3	Condition 2.3	Management Organization of Main Construction Companies	9 Sep 2019		
Condition 2.3	Condition 2.3	Updated Management Organization of Main Construction Companies	17 Aug 2021		
Condition 2.4	Condition 2.4	Design Drawings	6 Jan 2020		
Condition 2.11	Condition 2.5	Landscape Mitigation Plans	13 Nov 2020		
Condition 2.1	Condition 2.5	Landscape Mitigation Plans (Revision 2)	18 May 2021		
NA	Condition 2.9	Detailed Design Plan of Traffic Noise Mitigation Measures	9 Dec 2022		
Condition 3.2	NA	Baseline Monitoring Report	2 Jan 2020		
Condition 3.2	NA	Revised Baseline Monitoring Report	28 Mar 2020		
Condition 3.3	Condition 3.2	Monthly EM&A Report (November 2024)	11 Dec 2024		

Table 1.3 Summary of Status of Required Submission of EPs

2. AIR QUALITY MONITORING

Monitoring Requirements

2.1 In accordance with EM&A Manuals (EIA Register Nos. AEIAR-130/2009), impact air quality monitoring shall be carried out during the construction phase of the Project. For regular impact monitoring, a sampling frequency of at least once in every six says will be strictly observed at all of the monitoring stations for 24-hour TSP. For 1-hour TSP monitoring, the sampling frequency of at least three times in every six days will be undertaken when the highest dust impact occurs.

Monitoring Locations

2.2 Three designated monitoring stations were selected for air quality monitoring programme. Impact air quality monitoring was conducted at three air quality monitoring stations in the reporting month. Table 2.1 describes the air quality monitoring locations, which are also depicted in Figure 6.

<u></u>				
Air Quality Monitoring Locations for the Project	Location of Measurement			
AM3 - Sky Tower	Podium floor near T7			
AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	Ground			
AM7 – Hong Kong Children's Hospital	Rooftop			

Table 2.1 Locations of Air Quality Monitoring Stations

- 2.3 Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. No 24-TSP monitoring was conducted at AM4(A) while 1-hr TSP monitoring at AM4(A) were conducted on the ground floor with orienting to the Project site.
- 2.4 ET approached the potential sensitive receivers for monitoring station relocation since May 2022. ET conducted site visit in nearby area and found that there was no property management company in most of the nearby premises and could not approach the residents regarding the environmental monitoring. No permission can be applied for environmental monitoring.
- 2.5 For those premises have property management company, ET sent the proposal to owner /

property management company and explained the purpose of environmental monitoring (refer to Appendix C – Apply permission for Environmental Monitoring). Figure 7 shows the proposed alternative monitoring locations. No permission of setup and entry is received until the reporting month.

2.6 Summary of the status of for proposed alternative monitoring locations for AM4(A) are given in Table 2.2.

<u>Table 2.2 Proposed alternative monitoring location</u>	DNS JOP AM4(A)		
Proposed alternative monitoring locations for M11	Status upto reporting month		
A1 - The Lok Sin Tong Modular Social Housing Scheme	Rejected application on 13 Oct 2022		
A2 - Freder Centre	No reply from building management office		
A3 - New Port Centre	No reply from building management office		
A4 - 112 - 138 To Kwa Wan Road	No property management company and could not apply the permission.		
A5 - 2 - 26 Hok Ling Street	No property management company and could not apply the permission.		
A6 - 1 - 27 Hok Ling Street	No property management company and could not apply the permission.		
A7 - 2 - 28 Tsun Fat Street	No property management company and could not apply the permission.		
A8 - 1 - 27 Tsun Fat Street	No property management company and could not apply the permission.		
A9 – 2 - 28 Yin On Street	No property management company and could not apply the permission.		
A10 – 1 – 27 Yin On Street	No property management company and could not apply the permission.		
A11 – 2 – 28 Shim Luen Street	No property management company and could not apply the permission.		
A12 - 1 - 27 Shim Luen Street	No property management company and could not apply the permission.		
A13 - 2 - 28 Hung Wan Street	No property management company and could not apply the permission.		
A14 - 1 - 27 Hung Wan Street	No property management company and could not apply the permission.		
A15 - 2 - 28 Pang Ching Street	No property management company and could not apply the permission.		
A16 - 1 - 27 Pang Ching Street	No property management company and could not apply the permission.		
A17 - 2 - 28 Ying Yeung Street	No property management company and could not apply the permission.		
A18 - 1 - 27 Ying Yeung Street	No property management company and could not apply the permission.		
A19 - 2 - 28 Lun Cheung Street	No property management company and could not apply the permission.		
A20 - 1 - 27 Lun Cheung Street	No property management company and could		

Table 2.2 Proposed alternative monitoring locations for AM4(A)

Proposed alternative monitoring locations for M11	Status upto reporting month	
	not apply the permission.	
A21 - 2 - 28 Luk Ming Street	No property management company and could not apply the permission.	
A22 - 1 - 27 Luk Ming Street	No property management company and could not apply the permission.	
A23 - 2 - 28 Fung Yi Street	No property management company and could not apply the permission.	

2.7 No update for the approval of monitoring relocation in the reporting month and ET will resume the impact monitoring once the alternative monitoring location for AM4(A) are confirmed.

Monitoring Parameters, Frequency and Duration

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

Air Monitoring Station	Location for Measurement	Parameter	Duration	Frequency
AM3 - Sky Tower	Podium floor near T7			
AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop	Ground	 24-hour average TSP 1-hour 	 24 hours 1 hour	 Once every 6 days Three times
AM7 - Hong Kong Children's Hospital	Rooftop	average TSP		every 6 days

Table 2.3 Air Quality Monitoring Parameters, Frequency and Duration

- 2.9 The monitoring schedule for reporting month and next month is presented in Appendix D
- 2.10 Photographic records of the impact monitoring setup are shown in Appendix E.

Monitoring Equipment

2.11 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 2.4 summarizes the equipment to be used in the air quality monitoring.

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

Table 2.4 Air Quality Monitoring Equipment

- 2.12 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).
- 2.13 Calibration certificates, catalogue of equipment are given in Appendix F.

Monitoring Methodology and QA/QC Procedure

24-hour TSP Monitoring

Operating/Analytical Procedures

2.14 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.
- 2.15 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.
- 2.16 For TSP sampling, Glass Fiber Filter Media 8" x 10" have a collection efficiency of > 99 % for particles of 0.3 μm diameter were used.
- 2.17 The power supply was checked to ensure the sampler worked properly and then placed any filter media at the designated air monitoring station.
- 2.18 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.
- 2.19 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.
- 2.20 The shelter lid was closed and secured with the aluminium strip.
- 2.21 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).
- 2.22 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

2.23 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

2.24 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

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

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

Wind Data Monitoring

- 2.26 Wind Anemometer was installed at the roof-top of AM7 Hong Kong Children's Hospital with 10m above ground and clear of constructions or turbulence caused by the buildings.
- 2.27 The wind data was captured by a data logger and the data was downloaded at least once per month for analysis.

2.28 The wind data monitoring equipment will be re-calibrated at least once every six months.

- 2.29 Wind direction is divided into 16 sectors of 22.5 degrees each.
- 2.30 Details of weather information during the monitoring period are shown in Appendix G.

Action and Limit Levels

2.31 The Action and Limit Levels of 24-hour average TSP and 1-hour average TSP are summarized in Table 2.5 and Table 2.6 respectively.

Table 2.5 Action and Limit Levels of 24-hour average TSP for Construction Dust Monitoring

Parameter	Air Monitoring Station	Action Level, µg/m ³	Limit Level, µg/m ³
24-hour average TSP	AM3	182	260
	AM4(A)	187	260
	AM7	181	260

Table 2.6 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/m ³
1-hour average TSP	AM3	297	500
	AM4(A)	326	500
	AM7	315	500

Impact Air Quality Monitoring results

- 2.32 Impact monitoring results for 24-hour average TSP and 1-hour average TSP levels at the designed air quality monitoring stations are summarized in Table 2.7 and Table 2.8 respectively.
- 2.33 Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. No 24-TSP monitoring was conducted at AM4(A) while 1-hr TSP monitoring at AM4(A) were conducted on the ground floor with orienting to the Project site. ET will resume the impact monitoring once the alternative monitoring location for AM4(A) is confirmed.

Air Monitoring Station	Average TSP Concentration, µg/m ³	Range, μg/m ³	Action Level, µg/m ³	Limit Level, µg/m ³
AM3	81	36 - 102	182	260
AM4(A)	/	/ _ /	187	260
AM7	85	49 - 116	181	260

Table 2.7 Summary of 24-hour average TSP Monitoring Data during the reporting month

Table 2.8 Summary of 1-hour average TSP Monitoring Data during the reporting month

Air Monitoring Station	Average TSP Concentration, µg/m ³	Range, μg/m ³	Action Level, µg/m ³	Limit Level, µg/m ³
AM3	75	33 - 98	297	500
AM4(A)	87	41 - 112	326	500
AM7	83	47 - 110	315	500

- 2.34 There was no Action and Limit Level exceedance of 24-hour average TSP and 1-hour average TSP levels recorded during the reporting month.
- 2.35 Graphical presentation and detailed monitoring results of 24-hour average TSP and 1-hour average TSP levels are shown in Appendix H and Appendix I respectively.
- 2.36 The Event and Action Plan is provided in Appendix J.
- 2.37 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

3. NOISE MONITORING

Monitoring Requirements

- 3.1 In accordance with EM&A Manuals (EIA Register Nos. AEIAR-130/2009), impact noise monitoring shall be carried out during the construction phase of the Project.
- 3.2 Regular monitoring, L_{Aeq, 30-minute}, for each station will be on a weekly basis and conduct one set of measurements between 0700 1900 on normal weekdays.
- 3.3 If construction works are extended to include works during 1900 0700 as well as public holidays and Sundays, additional weekly impact monitoring will be carried out during the respective restricted hours periods.

Monitoring Locations

3.4 Two designated monitoring stations were selected for noise monitoring programme. Impact noise monitoring was conducted at two noise monitoring stations in the reporting month. Table 3.1 describes the noise monitoring locations, which are also depicted in Figure 8.

 Noise Monitoring Locations for the Project
 Location of Measurement

 M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop
 Ground (Façade)

 M12 - Hong Kong Children's Hospital
 Rooftop (Façade)

Table 3.1 Locations of Noise Monitoring Stations

- 3.5 Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (M11), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022.
- 3.6 ET approached the potential sensitive receivers for monitoring station relocation since May 2022. ET conducted site visit in nearby area and found that there was no property management company in most of the nearby premises and could not approach the residents regarding the environmental monitoring. No permission can be applied for environmental monitoring.

- 3.7 For those premises have property management company, ET sent the proposal to owner / property management company and explained the purpose of environmental monitoring (refer to Appendix C Apply permission for Environmental Monitoring). Figure 9 shows the proposed alternative monitoring locations. No permission of setup and entry is received until the reporting month.
- 3.8 Summary of the status of for proposed alternative monitoring locations for M11 are given in Table 3.2.

Table 3.2 Proposed alternative monitoring locations for M11				
Proposed alternative monitoring locations for M11	Status upto reporting month			
A1 - The Lok Sin Tong Modular Social Housing Scheme	Rejected application on 13 Oct 2022			
A2 - Freder Centre	No reply from building management office			
A3 - New Port Centre	No reply from building management office			
A4 - 112 - 138 To Kwa Wan Road	No property management company and could not apply the permission.			
A5 - 2 - 26 Hok Ling Street	No property management company and could not apply the permission.			
A6 - 1 - 27 Hok Ling Street	No property management company and could not apply the permission.			
A7 - 2 - 28 Tsun Fat Street	No property management company and could not apply the permission.			
A8 - 1 - 27 Tsun Fat Street	No property management company and could not apply the permission.			
A9 – 2 - 28 Yin On Street	No property management company and could not apply the permission.			
A10 - 1 - 27 Yin On Street	No property management company and could not apply the permission.			
A11 - 2 - 28 Shim Luen Street	No property management company and could not apply the permission.			
A12 - 1 - 27 Shim Luen Street	No property management company and could not apply the permission.			
A13 - 2 - 28 Hung Wan Street	No property management company and could not apply the permission.			
A14 - 1 - 27 Hung Wan Street	No property management company and could not apply the permission.			
A15 - 2 - 28 Pang Ching Street	No property management company and could not apply the permission.			
A16 - 1 - 27 Pang Ching Street	No property management company and could not apply the permission.			
A17 - 2 - 28 Ying Yeung Street	No property management company and could not apply the permission.			
A18 - 1 - 27 Ying Yeung Street	No property management company and could not apply the permission.			
A19 - 2 - 28 Lun Cheung Street	No property management company and could			

Table 3.2 Proposed alternative monitoring locations for M11

Proposed alternative monitoring locations for M11	Status upto reporting month
	not apply the permission.
A20 - 1 - 27 Lun Cheung Street	No property management company and could not apply the permission.
A21 - 2 - 28 Luk Ming Street	No property management company and could not apply the permission.
A22 - 1 - 27 Luk Ming Street	No property management company and could not apply the permission.
A23 - 2 - 28 Fung Yi Street	No property management company and could not apply the permission.

3.9 No update for the approval of monitoring relocation in the reporting month and ET will resume the impact monitoring once the alternative monitoring location for M11 are confirmed.

Monitoring Parameters, Frequency and Duration

3.10 The noise monitoring locations and monitoring frequency are listed in Table 3.3.

Noise Monitoring Station	Location for Measurement	Parameter	Frequency and Duration
M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop*		L_{Aeq}, L_{A10} and L_{A90}	30 - minutes measurement at each monitoring station between 0700 - 1900 hrs on normal weekdays
M12 - Hong Kong Children's Hospital	Rooftop (Façade)		(Monday to Saturday) at frequency of once per week.

Table 3.3 Noise Monitoring Parameters, Frequency and Duration

* Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (M11), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022.

3.11 The monitoring schedule for reporting month and next month is presented in Appendix D.

3.12 Photographic records of the monitoring setup are shown in Appendix E.

Monitoring Equipment

3.13 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 3.4 summarizes the equipment to be used in the noise monitoring.

Equipment	Model	Quantity
Sound Level Meter	RION NL52	2
Sound Level Calibrator	RION NC 74	1
Sound Level Calibrator	RION NC 75	1
Air Flowmeter	TSI TA440 Air Velocity	1

Table 3.4 Noise Monitoring Equipment

3.14 Calibration certificates, catalogue of equipment are given in Appendix K.

Monitoring Methodology and QA/QC Procedure

- 3.15 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.
- 3.16 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.
- 3.17 Turned on the sound level meter and check the battery, if too low, change new ones.
- 3.18 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.
- 3.19 Noise level was recorded.
- 3.20 Recorded any activities that may generate noise during measurement period.

Maintenance and Calibration

- 3.21 The microphone head of the sound level meter and calibrator was cleaned with a soft cloth at quarterly intervals.
- 3.22 The sound level meter and sound calibrator were calibrated annually.
- 3.23 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.

Action and Limit Levels

3.24 The Baseline Noise Levels and Action and Limit Levels for construction noise is presented in Table 3.5.

Time Period	Noise Monitoring Station	Baseline Noise Levels, dB (A)	Action Level	Limit Level [^]
0700 – 1900 on	M11	68.3	When one documented	75 dB(A)
normal weekdays	M12	61.9	complaint is received.	/3 uD(/1)

Table 3.5 Baseline Noise Level and Action and Limit Levels for Construction Noise Monitoring

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

- 3.25 Impact noise monitoring results at the designed noise monitoring stations are summarized in Table 3.6 respectively.
- 3.26 Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (M11), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. 30-min noise monitoring at M11 were conducted on the ground floor with orienting to the Project site. ET will resume the impact monitoring once the alternative monitoring location for M11 is confirmed.

Noise Monitoring Station	Measured L _{Aeq, 30-min} , Average, dB(A)	Measured L _{Aeq, 30-min} , Range, dB(A)	Action Level	Limit Level [^]
M11	73.3	72.4 - 74.0	When one documented	75
M12	62.6	61.2 - 64.0	complaint is received	dB(A)

Table 3.6 Summary of Noise Monitoring Data during the reporting month

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.

- 3.27 There were no Action Level exceedance of noise monitoring and Limit Level exceedance of L_{Aeq}, 30min recorded during the reporting month.
- 3.28 Graphical presentation and detailed monitoring results are shown in Appendix L.
- 3.29 The Event and Action Plan is provided in Appendix J.
- 3.30 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

4. COMPARISON OF EM&A RESULTS WITH EIA PREDICTIONS

4.1 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 4.1 to Table 4.3.

Table 4.1 Comparison of 24-hour average TSP Monitoring Data with EIA predictions

Air Monitoring Station	ASR No. in EIA report	24-hour av	lative Maximum verage TSP tration Scenario 2 (Mid 2013 to Late 2016), µg/m ³	Measured 24-hr average TSP in Reporting Month (December 2024) µg/m ³
AM3 - Sky Tower	A40^	106	138	36 - 102
AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop*	A43^	123	195	/ _ /
AM7 – Hong Kong Children's Hospital	PA60	NA	NA	49 - 116

Note:

^ Prediction results are given in the Table 3.13 of the EIA report EIA Register Nos. AEIAR-130/2009 for Kai Tak Development.

* Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. No 24-TSP monitoring was conducted at AM4(A) because of the assess limitation in the reporting month.

Table 4.2 Comparison of 1-hour average TSP Monitoring Data with EIA predictions

There is a comparison of 1 nour average 151 monitoring Data with Difference on s								
		Predicted Cumu 1-hour ave	Measured 1-hr					
Air Monitoring Station	ASR No. in	concen Scenario 1	average TSP in Reporting Month					
All Mollitoring Station	EIA report	(Mid 2009 to	Scenario 2 (Mid 2013 to	(December 2024)				
		Mid 2013),	Late 2016),	$\mu g/m^3$				
		$\mu g/m^3$	$\mu g/m^3$	10				
AM3 - Sky Tower	A40	217^	247^	33 - 98				
AM4(A) - The Hong Kong			1001					
Society for the Blind's Factory cum Sheltered Workshop*	A43	283^	409^	41 – 112				
AM7 – Hong Kong Children's Hospital	PA60	NA	NA	49 – 110				

Note:

^ Prediction results are given in the Table 3.13 of the EIA report EIA Register Nos. AEIAR-130/2009 for Kai Tak Development.

* Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. 1-hour TSP monitoring was conducted on the ground floor outside AM4(A) with facing to the Project Site because of the access limitation in the reporting month.

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 (December 2024) L _{Aeq, 30min} , dB(A)
M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [*]	N18	50 - 76*	72.4 - 74.0
M12 - Hong Kong Children's Hospital	PN83, PN84, PN84A	NA	61.2 - 64.0

Table 4.3 Comparison of Noise Monitoring Data with EIA predictions

Note:

* Prediction results are given in the Table 3.20 of the EIA report EIA Register Nos. AEIAR-130/2009 for Kai Tak Development.

*Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (M11), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. Construction noise monitoring was conducted on the ground floor outside M11 with facing to the Project Site because of the access limitation in the reporting month.

- 4.2 24-hr TSP monitoring result at AM3 were recorded lower than the prediction in the EIA Report. Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. No 24-TSP monitoring was conducted at AM4(A) because of the assess limitation in the reporting month. Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.
- 4.3 No prediction in the EIA Report for 24-hour TSP monitoring results at AM7.
- 4.4 1-hour TSP monitoring results at AM3 and AM4(A) were recorded lower than the prediction in the EIA Report. Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. 1-hour TSP monitoring was conducted on the ground floor outside AM4(A) with facing to the Project Site because of the access limitation in the reporting month. Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.
- 4.5 No prediction in the EIA Report for 1-hour TSP monitoring results at AM7.
- 4.6 Noise monitoring results at M11 were recorded lower than the prediction in the EIA Report.

Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (M11), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. Construction noise monitoring was conducted on the ground floor outside M11 with facing to the Project Site because of the access limitation in the reporting month. Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

4.7 No prediction in the EIA Report for noise monitoring results at M12.

5. LANDSCAPE AND VISUAL MONITORING

5.1 In accordance with EM&A Manuals (EIA Register Nos. AEIAR-130/2009 and AEIAR-170/2013), 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.

Results and Observations

- 5.2 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.
- 5.3 Site inspections were conducted on 5, 10, 19 and 27 December 2024 in the reporting month.
- 5.4 The summaries of site audits are attached in Table 5.1.

Close-out Inspection Key Observations **Recommendations / Actions** Date / Date Status 05 December NA No NA 2024 10 December No NA NA 2024 19 December No NA NA 2024 27 December No NA NA 2024

Table 5.1 Summary of observations of Landscape and Visual impact during the reporting month

- 5.5 No non-compliance of the landscape and visual impact was recorded in the reporting month.
- 5.6 Should non-compliance of the landscape and visual impact occur, action in accordance with the action plan presented in Appendix N shall be performed.

6. ENVIRONMENTAL SITE INSPECTION AND AUDIT

Site Inspection

- 6.1 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.
- 6.2 Site inspections were conducted on 5, 10, 19 and 27 December 2024 in the reporting month.
- 6.3 The summaries of site audits are attached in Table 6.1.

Inspection Date	Key Observations	Recommendations / Actions	Close-out Date / Status
05 December 2024	NA	NA	NA
10 December 2024	Observation: Stockpiles (after works) along harbour desk area should be covered by impermeable sheet to prevent dust emissions.	Action Taken: Stockpiles (after works) along harbour desk area have been covered by impermeable sheet to prevent dust emissions.	Closed-out on 19 December 2024

Table 6.1 Summary of site inspections observations during the reporting month

Inspection Date	Key Observations	Recommendations / Actions	Close-out Date / Status
19 December	Observation: The stagnant water should be removed at Park 4.	Action Taken: The pump has been installed in Park 4.	Closed-out on 27 December 2024
2024	VG657 VG657 VG657 VG657 Observation: The NRMM label should be replaced at Park 4	YG657 ZOUS YG657 ZOUS Action Taken: The NRMM label have been replaced at Park 4.	Closed-out on 27 December 2024
27 December 2024	NA	NA	NA

Status of Waste Management

- 6.4 The amount of wastes generated by the major site activities of the work contracts within the Project during the reporting month is shown in Appendix O.
- 6.5 The Contractor was registered as a chemical waste producer for the Project. 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.

Status of Environmental Licenses, Notification and Permits

6.6 A summary of the relevant permits, licenses and/or notifications on environmental protection for the Project is shown in Table 6.2.

Environmental Licenses, Notifications and Permits	Ref. No.	Valid Form	Valid Till
Environmental Permit under EIAO	EP-337/2009	23 Apr 2009	N/A
Environmental Fernit under EIAO	EP-445/2013/B	3 May 2022	N/A
Construction Dust Notification under APCO	445956	6 Jun 2019	N/A
Wastewater Discharge License under WPCO	WT00034610-2019	26 Sep 2019	30 Sep 2024
Waste Disposal Billing Account	7034450	28 Jun 2019	N/A
Registration as a Chemical Waste Producer	5218-286-P3182-03	18 Jul 2019	N/A
Construction Noise Permit	GW-RE0787-24	05 Jul 2024	04 Jan 2025
	GW-RE0945-24	15 Aug 2024	14 Feb 2025
	GW-RE1319-24	10 Nov 2024	09 May 2025
	GW-RE1326-24	23 Oct 2024	20 Apr 2025

Table 6.2 Summary of Environmental Licenses, Notifications and Permits

Implementation Status of Environmental Mitigation Measures

- 6.7 The Contractor has implemented environmental mitigation measures and requires as stated in the EIA reports, the EP and the EM&A Manuals. The implementation status of the mitigation measures during the reporting month is summarized in Appendix P.
- 6.8 In response to the site audit findings, the Contractor carried out corrective actions with summary given in Appendix P.

Environmental Complaint and Non-compliance

6.9 No complaint was received in the reporting month. Summary of complaints in the reporting month is tabulated in Table 6.3.

Date of
complaint
receivedDescription of
complaintInvestigation / Recommendations / Action takenClose-o
ut date /
StatusNANANANA

Table 6.3 Summary of complaints in the Reporting Month

6.10 Complaint log and Complaint Investigation report are shown in Appendix Q.

Notifications of summons and successful prosecutions

6.11 No notification of summons and successful prosecutions was received in the reporting month. Summary of summons and successful prosecutions in the reporting month is tabulated in Table 6.4.

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

Table 6.4 Summary of summons and successful prosecutions in the Reporting Month

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

7. FUTURE KEY ISSUES

Construction Programme in the coming month

7.1 The major construction activities and potential impacts in the next reporting month as follow:

Table 7.1 Summary of future key issues and potential impact in the coming month

Future key issues in the coming month	Potential impact		
Installation of Glass-reinforced Cement (GRC) seating at Open	Noise and Air Quality, Chemical		
Space and Promenade	and Waste Management		
External finishing works of Saltwater & Sewage Pumping Station	Noise, Air and Water Quality		

Future key issues in the coming month	Potential impact
Soft landscaping works at Open Space and Promenade and Elevated	Noise and Air Quality, Chemical
Landscape Deck	and Waste Management
Hard landscaping works at Open Space and Promenade and Elevated	Noise and Air Quality, Chemical
Landscape Deck	and Waste Management
Installation of light pole and bollard light at Open Space and	Noise and Air Quality, Chemical
Promenade	and Waste Management
Internal finishing works of Observation Deck	Noise and Air Quality, Chemical
	and Waste Management
Internal finishing works at Toilet cum and Changing Room	Noise and Air Quality, Chemical
	and Waste Management
Installation of glass balustrade along seafront of Open Space and	Noise and Air Quality, Chemical
Promenade	and Waste Management
E&M works of Saltwater & Sewage Pumping Station	Noise and Air Quality, Chemical
	and Waste Management

- 7.2 The mitigation measures for environmental impact including Air Quality, Construction Noise, Water Quality, Chemical and Waste Management, Landscape and Visual shall be implemented:
 - Sufficient watering of the works site with the active dust emitting activities,
 - Limitation of the speed for vehicles on unpaved site roads,
 - Properly cover the stockpiles,
 - Good maintenance to the plant and equipment,
 - Use of quieter plant and Quality Powered Mechanical Equipment (QPME),
 - Provide movable noise barriers,
 - Appropriate desilting/ sedimentation devices provided on site for treatment before discharge,
 - Well maintain the drainage system to prevent the spillage of wastewater during heavy rainfall,
 - Onsite waste sorting and implementation of trip ticket system,
 - Good management and control on construction waste reduction,
 - Erection of decorative screen hoarding,
 - Strictly following the Environmental Permits and Licenses, and
 - Provide sufficient mitigation measures as recommended in Approved EIA Reports.

Environmental Site Inspection and Monitoring Schedule for next month

7.3 The tentative schedule for weekly site inspection and air quality and noise monitoring in the next month is provided in Appendix D.

8. CONCLUSIONS

- 8.1 Environmental monitoring works were performed in the reporting month and all monitoring results were checked and reviewed.
- 8.2 1-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded. Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. 1-hour TSP monitoring was conducted on the ground floor outside AM4(A) with facing to the Project Site because of the access limitation in the reporting month.
- 8.3 24-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded. Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since1 Sept 2022. No 24-hour TSP monitoring was conducted at AM4(A) because of the assess limitation in the reporting month.
- 8.4 Construction noise monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded. Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (M11), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. Impact monitoring was conducted on the ground floor outside M11 with facing to the Project Site because of the access limitation in the reporting month.
- 8.5 No complaint was received in the reporting month.
- 8.6 No notification of summons and successful prosecutions was received in the reporting month.

Figure

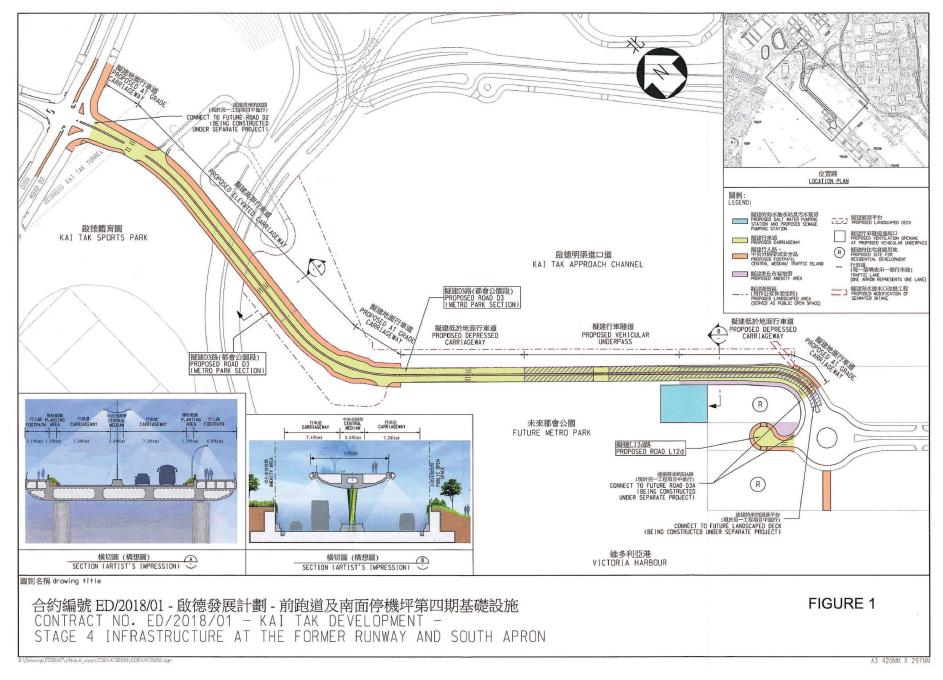


Figure 1 – Proposed works of Contract No. ED/2018/01

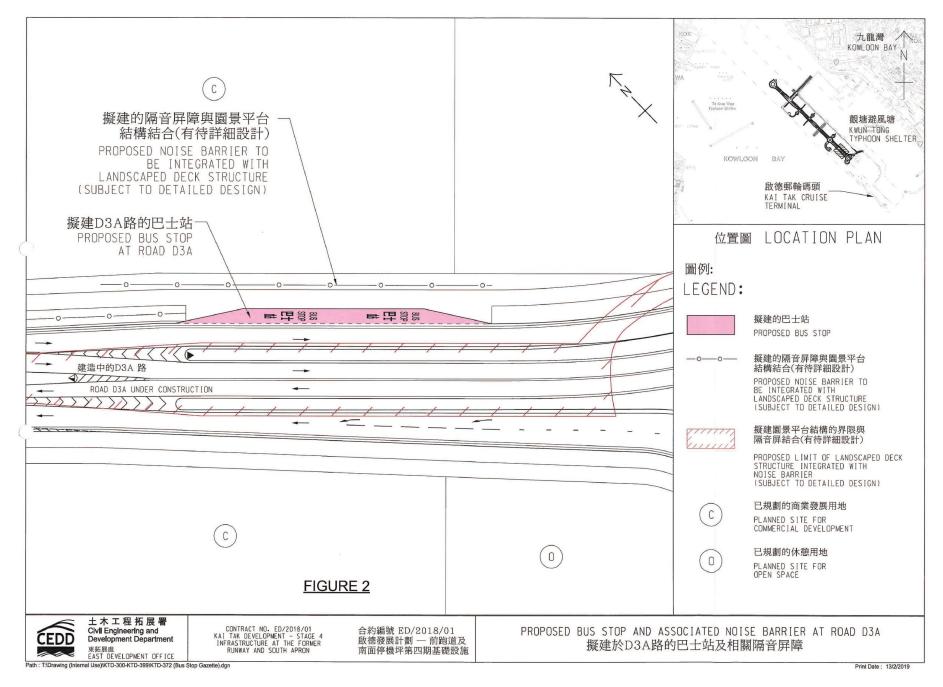


Figure 2 - Proposed Bus Stop And Associated Noise Barrier At Road D3A

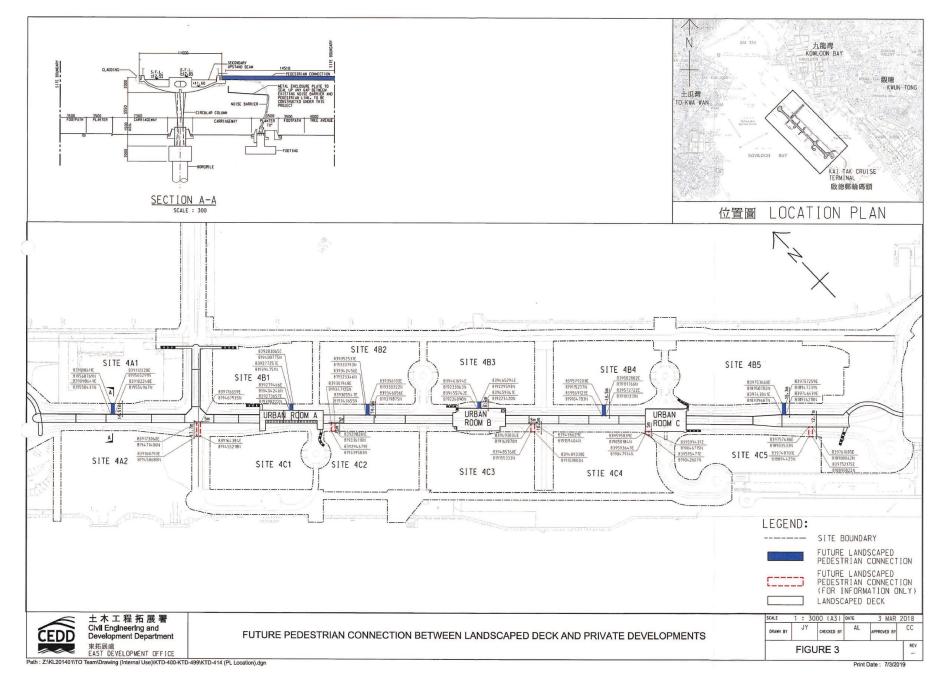


Figure 3 – Future Pedestrian Connection Between Landscaped Deck And Private Developments

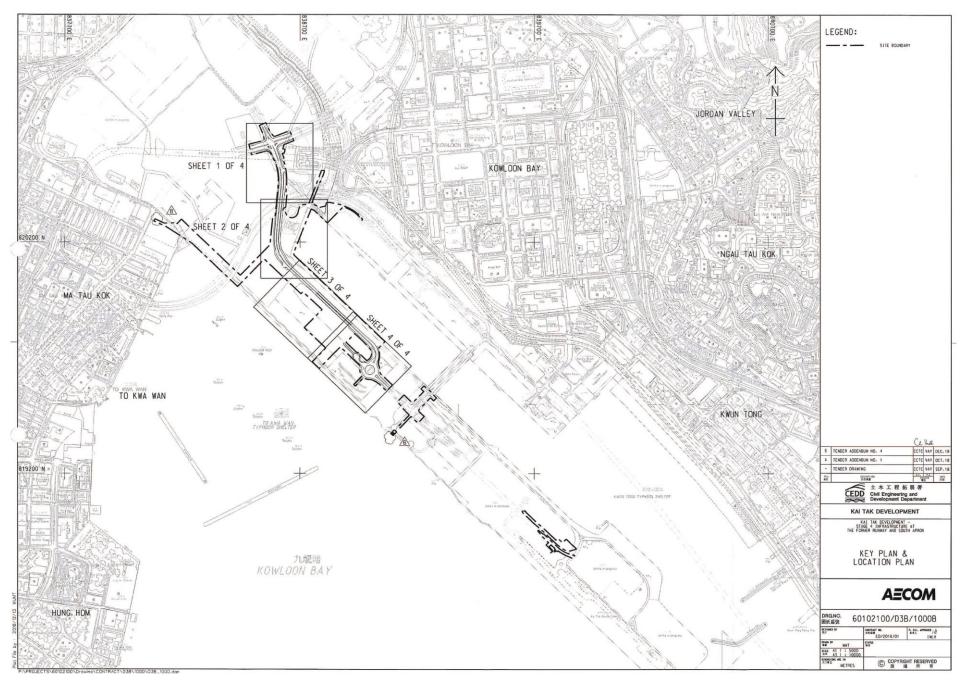


Figure 4 – Site Layout Plan

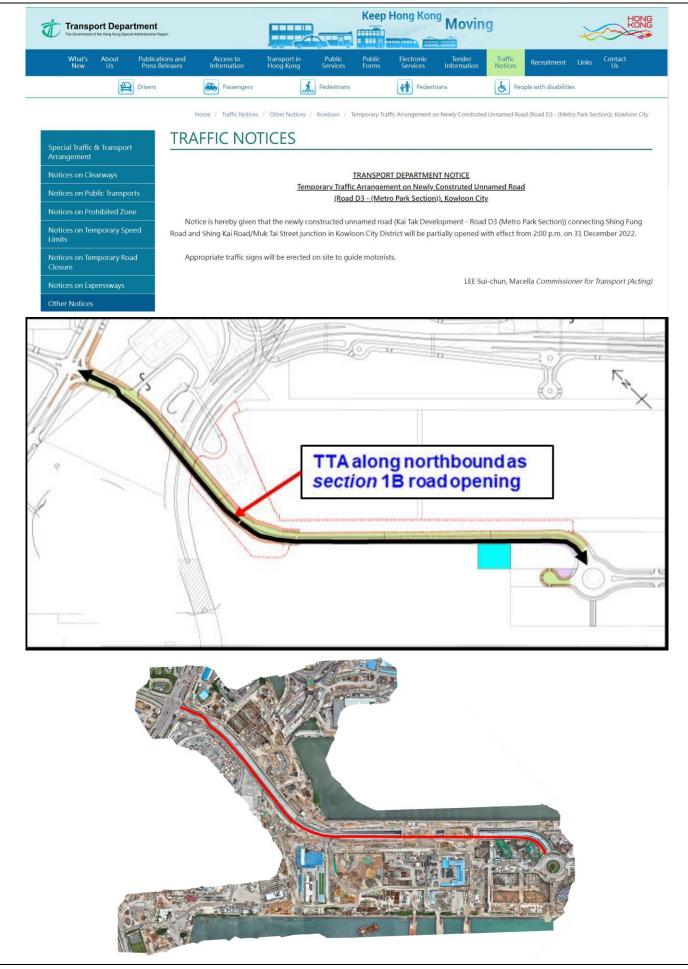
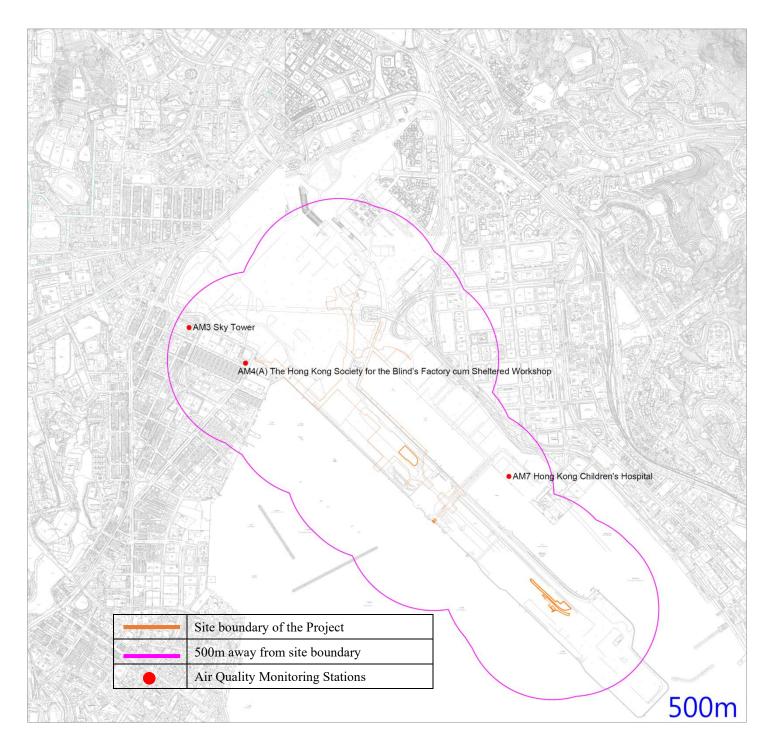
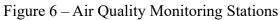


Figure 5 – New Opened Road on 31 December 2022





* Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (M11), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. Construction noise monitoring was conducted on the ground floor outside M11 with facing to the Project Site because of the access limitation in the reporting month.

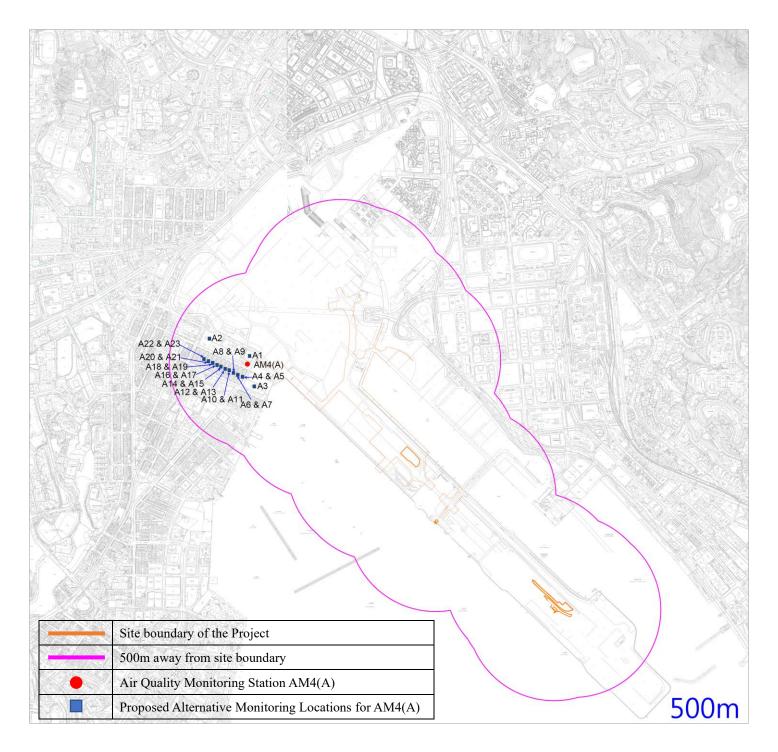


Figure 7 – Proposed Alternative Monitoring Locations for AM4(A)

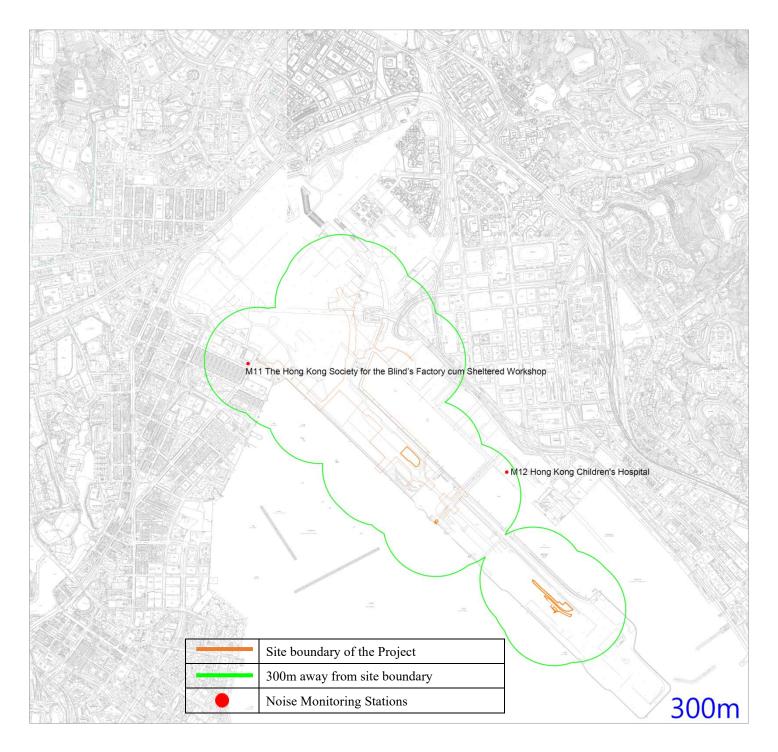


Figure 8 – Noise Monitoring Stations

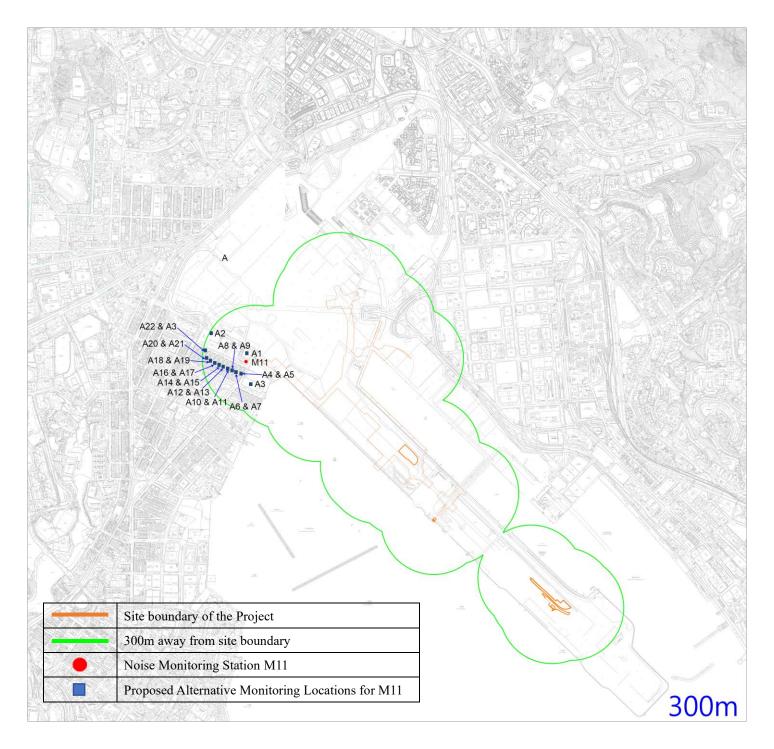
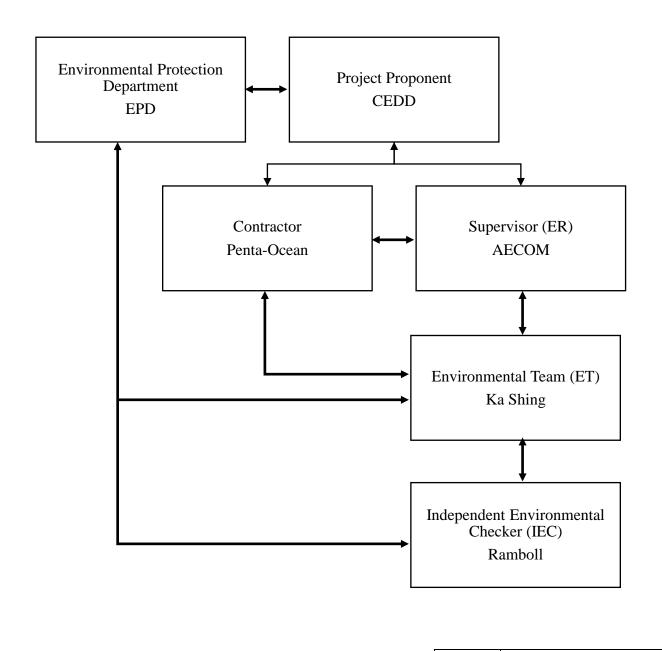
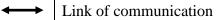


Figure 9 – Proposed Alternative Monitoring Locations for M11

Appendix A – Organization Chart of EM&A Team





Appendix B – Construction Programme

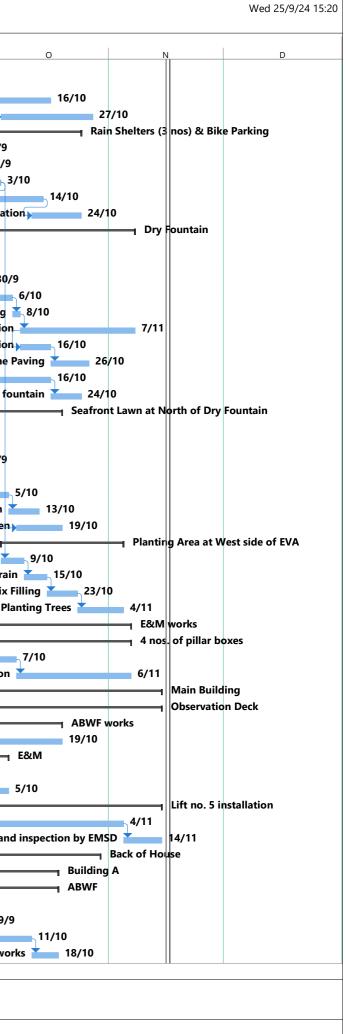
WBS	Task Name	Duration	Start	Finish	Predecessors	Successors	Task	
1	Section 6D (under acceleration programme)	795 c	Thu 1/9/22	Fri 15/11/24			Calendar C2	A S
1.1	Planned completion (15/11/24)			Fri 15/11/24	3,139,257,29)	C2	
1.2	Area no.1	133 c	Fri 5/7/24	Thu 14/11/24	l i i i i i i i i i i i i i i i i i i i	2	C2	
1.2.1	EVA	79 c	Wed 28/8/24	1 Thu 14/11/24	L .		C2	
1.2.1.1	EVA no.1-1 (from the completed paving blocks towards the	28 c	Wed 25/9/24	1 Tue			C2	
	bridge over KT river)			22/10/24				
1.2.1.1.1	u-channel construction		d Wed 25/9/24			7,60SS	C2	u-channel construction
1.2.1.1.2	formation			Tue 8/10/24		8	C2	for
1.2.1.1.3	subbase and road base			Sat 12/10/24		9	C2	subbase and
1.2.1.1.4	paving blocks laying			Tue 22/10/24			C2	paving
1.2.1.2	EVA no.1-2 Access Divert from CKR-KTE			1 Thu 14/11/2 4 1 Wed 28/8/24		36,18	C2 C2	
1.2.1.2.1 1.2.1.2.2				Sat 5/10/24		13FS+4 d	C2	Remaining paving blocks layin
1.2.1.2.3	6 nos. of lighting poles and 9 nos. of bollards installation			4Mon 21/10/24	1255±4 d	15-3+4 u	C2	s. of lighting poles and 9 nos. of bollards i
1.2.1.2.3	matching cover installation to drawpits (assume matching cover	12 0		Thu	1210140	10	C2	callation to drawpits (assume matching cov
1.2.1.2.4	deliver to site mid Oct)	10 0	30/10/24	14/11/24			02	
1.2.1.2.5		8 0		4Tue 29/10/24	13		C2	irrigation; drinking fountain and cleansin
1.2.2	Hard Landscape & soft landscape	77 c	Fri 23/8/24	Thu 7/11/24			C2	
1.2.2.1	Fitness Lawn	52 c	Wed 28/8/24	4 Fri 18/10/24			C2	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
1.2.2.1.1	formation	11 c	Wed 28/8/24	4 Sat 7/9/24	11	19FS+5 d,23	C2	formation 7/9
1.2.2.1.2	kerb laying	15 c	Fri 13/9/24	Fri 27/9/24	18FS+5 d	20FS-3 d,21	C2	kerb laying 🕇
1.2.2.1.3	Sub-soil Drain	3 0	Wed 25/9/24	4 Fri 27/9/24	19FS-3 d	21	C2	Sub-soil Drain
1.2.2.1.4	top soil filling			Thu 3/10/24		22	C2	top soil fillir
1.2.2.1.5	planting	6 0	Fri 4/10/24	Wed 9/10/24		24	C2	pla
1.2.2.1.6	u-channel surround the fitness lawn	21 c	Sun 8/9/24	Sat 28/9/24	18	26FS+5 d,30SS,21	C2	el surround the fitness lawn
1.2.2.1.7	7 nos. of bollard installation	9 0	1 Thu 10/10/24	4 Fri 18/10/24	22		C2	7 nos. of bollard i
1.2.2.2	30mm Granite Paving around Fitness Lawn	19 c	Fri 4/10/24	Tue 22/10/24	l .		C2	
1.2.2.2.1	Sub-base	5 0	Fri 4/10/24	Tue 8/10/24	23FS+5 d	27	C2	Sub
1.2.2.2.2	5			1 Tue 22/10/24			C2	Granite Paving
1.2.2.3	Slope Way btw Fitness Lawn and Event Deck			Sat 26/10/24			C2	
1.2.2.3.1	Formation			Mon 30/9/24		30	C2	Formatio
1.2.2.3.2				Thu 3/10/24		32	C2	Sub-b
1.2.2.3.3	Granite Paving with Kerb			Tue 22/10/24		34SS+6 d	C2	Granite Pavin
1.2.2.3.4	Footing for Handrail			Thu 10/10/24		31,33	C2	Footing for Ha
1.2.2.3.5				Sun 13/10/24			C2	Handrail
1.2.2.3.6				4 Sat 26/10/24			C2	13 nos. of bol
1.2.2.4	Event Deck (no. 1)			Sat 19/10/24		27	C2	Formation 29/8
1.2.2.4.1	Formation Blinding concrete			1 Thu 29/8/24 Fri 30/8/24		37	C2 C2	Blinding concrete 30/8
1.2.2.4.2	Blinding concrete Base RC Structure					38 39	C2	Base RC Structure
				Wed 4/9/24				de formwork dismantling)
1.2.2.4.4 1.2.2.4.5	Wall RC Structure (include formwork dismantling) Backfilling			Mon 23/9/24 Mon 30/9/24		40,29FS+4 d,45 41,43FS+3 d,46	C2 C2	Backfilling
1.2.2.4.5	•			Thu 3/10/24		41,43F3+3 0,40 42FS+2 d	C2	Sub-b
1.2.2.4.0	50mm Granite Stone Paving			Thu 3/10/24		721 U 2 U	C2	50mm Granite Store
1.2.2.4.8	-			Sat 19/10/24			C2	Glass Balustrade Instal
1.2.2.5	Rain Garden			Sat 26/10/24			C2	
1.2.2.5.1	Excavation & Formation			Thu 26/9/24		50	C2	Excavation & Formation
1.2.2.5.2				Fri 4/10/24		47	C2	Aggregate Fil
1.2.2.5.3				Tue 8/10/24		48	C2	Coarse Sand Insta
1.2.2.5.4	Soil Mix Filling			1 Ned 16/10/24		49	C2	Soil N
1.2.2.5.5				4 Sat 26/10/24			C2	
1.2.2.5.6	ç			Thu 17/10/24		52SS+5 d,51SS+4		Honed Concrete Seating (S2)
1.2.2.5.7	U-channel			Mon 14/10/24			C2	U-char
1.2.2.5.8				1 Sun 13/10/24		53SS+2 d	C2	Kerb Installa
				Thu 24/10/24		83SS+4 d	C2	Granite Paving
			Eri 23/8/24	Sun 27/10/24	1		C2	
1.2.2.5.9 1.2.2.6	walkway construction (1st part upto amphitheatre)	66 0	11123/0/24	0 all 21/ 10/2-				
1.2.2.5.9	walkway construction (1st part upto amphitheatre)	66 0	111125/0/24	5411 217 1072				



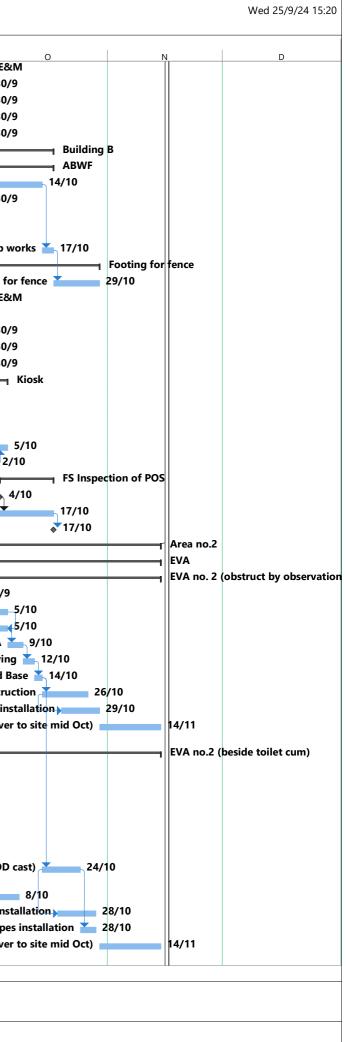


1	WBS	Fask Name	Duration Start	Finish	Predecessors	Successors	Task	
							Calendar	
	1.2.2.6.1	stainless steel channel for glass balstrade installation	13 d Fri 23/8/24			77SS,56	C2	ade installation 4/9
	1.2.2.6.2	Formation & Sub-base (Concrete)	21 d Thu 5/9/24			57	C2	on & Sub-base (Concrete)
_	1.2.2.6.3	glass balstrade installation (include E&M)	21 d Thu 26/9/24			58SS+8 d	C2	glass balstrade installation (include E&M)
_	1.2.2.6.4	Porcelain Tile Paving	24 d Fri 4/10/24				C2	Porcelain Tile Pavin
	1.2.2.7	Rain Shelters (3 nos) & Bike Parking	30 d Wed 25/9/24			04	C2	Formation 2
_	1.2.2.7.1	Formation	3 d Wed 25/9/24			61	C2	Blinding Concrete
_	1.2.2.7.2	Blinding Concrete	1 d Sat 28/9/24 7 d Fri 27/9/24			62FS-2 d	C2 C2	RC Footing
	1.2.2.7.3 1.2.2.7.4	RC Footing Steel Shelter Installation	14 d Tue 1/10/24			63FS-3 d,85 64FS-3 d	C2 C2	Steel Shelter Installation
	1.2.2.7.4	Benches Installation	13 d Sat 12/10/24			04F3-3 U	C2	Benches Inst
_	1.2.2.7.5 1.2.2.8	Dry Fountain	57 d Thu 12/9/24				C2	
_	1.2.2.8.1	Excavation & Formation	5 d Thu 12/9/24			67	C2	Excavation & Formation 16/9
	1.2.2.8.2	Blinding Concrete	1 d Tue 17/9/24			68	C2	Blinding Concrete 17/9
	1.2.2.8.3	RC Base Concrete	13 d Wed 18/9/24			69,74	C2	RC Base Concrete
_	1.2.2.8.4	Plinths	6 d Tue 1/10/24			70	C2	Plinths
_	1.2.2.8.5	Waterproofing	2 d Mon 7/10/24			70	C2	Waterproo
_	1.2.2.8.5	Fountain Equipment with LED Installation	30 d Wed 9/10/24			72SS	C2	Fountain Equipment with LED Insta
_	1.2.2.8.7	Frame Support Beam Installation	8 d Wed 9/10/24			73	C2	Frame Support Beam Insta
_	1.2.2.8.8	Frame & Granite Stone Paving	10 d Thu 17/10/24			10	C2	Frame & Granite S
_	1.2.2.8.9	U-channel around Dry Fountain	16 d Tue 1/10/24			75	C2	U-channel around Dry Fountain
_	1.2.2.8.10	granite paving around dry fountain	8 d Thu 17/10/24			10	C2	granite paving around
-	1.2.2.9	Seafront Lawn at North of Dry Fountain	58 d Fri 23/8/24				C2	9999
_	1.2.2.9.1	Formation & Blinding Concrete	8 d Fri 23/8/24			78	C2	inding Concrete
	1.2.2.9.2	RC Footing (S1)	9 d Sat 31/8/24			80,79FS+7 d	C2	RC Footing (S1)
_	1.2.2.9.3	RC footing (S3)	12 d Mon 16/9/24			81	C2	RC footing (S3)
_	1.2.2.9.4	Honed Concrete Seating (S1)	12 d Mon 9/9/24			01	C2	Honed Concrete Seating (S1) 20/9
_	1.2.2.9.5	Honed Concrete Seating (S3)	8 d Sat 28/9/24			82	C2	Honed Concrete Seating (S3)
_	1.2.2.9.6	5 nos. bollard installation	8 d Sun 6/10/24				C2	5 nos. bollard installa
	1.2.2.9.7	granite paving between lawn and rain garden	12 d Tue 8/10/24				C2	granite paving between lawn and rain ga
_	1.2.2.10	Planting Area at West side of EVA	32 d Fri 4/10/24				C2	5 1 5 5
_	1.2.2.10.1	Formation	6 d Fri 4/10/24			86	C2	Formatio
	1.2.2.10.2	Sub-soil Drain	6 d Thu 10/10/24			87	C2	Sub-soi
	1.2.2.10.3	Soil Mix Filling	8 d <i>N</i> ed 16/10/2	4Ned 23/10/2	486	88	C2	Soi
_	1.2.2.10.4	Planting Trees	12 d Thu 24/10/24				C2	
_	1.2.3	E&M works	38 d Mon 30/9/24				C2	
_	1.2.3.1	4 nos. of pillar boxes	38 d Mon 30/9/24				C2	
_	1.2.3.1.1	plinths construction	8 d Mon 30/9/24			92	C2	plinths construction
	1.2.3.1.2	pillar box installation	30 d Tue 8/10/24				C2	pillar box instal
-	1.2.4	Main Building	133 d Fri 5/7/24	Thu 14/11/2	4		C2	
_	1.2.4.1	Observation Deck	123 d Mon 15/7/24				C2	
	1.2.4.1.1	ABWF works	30 d Fri 20/9/24	Sat 19/10/24	1		C2	
	1.2.4.1.1.1	Artificial granite tiles	30 d Fri 20/9/24	Sat 19/10/24	1		C2	Artificial granite tiles
-	1.2.4.1.2	E&M	83 d Mon 15/7/24	Sat 5/10/24			C2	
_	1.2.4.1.2.1	Electrical works (lighting)	45 d Mon 15/7/24	Wed 28/8/24	1		C2	28/8
	1.2.4.1.2.2	plumbing and drainage works (inside the kiosk)	10 d Thu 26/9/24	Sat 5/10/24			C2	ping and drainage works (inside the kiosk)
)	1.2.4.1.3	Lift no. 5 installation	50 d Thu 26/9/24	Thu 14/11/2	4		C2	
_	1.2.4.1.3.1	lift car installation	40 d Thu 26/9/24			102	C2	lift car installation
_	1.2.4.1.3.2	LE5 submission and inspection by EMSD	10 d Tue 5/11/24				C2	LE5 submissi
-	1.2.4.2	Back of House	117 d Fri 5/7/24	Tue 29/10/24	4		C2	
	1.2.4.2.1	Building A	106 d Fri 5/7/24				C2	
	1.2.4.2.1. 1	ABWF	37 d Thu 12/9/24	Fri 18/10/24	4		C2	
	1.2.4.2.1.1	Door leaf installation(remaining)	5 d Thu 12/9/24	Mon 16/9/24	Ļ		C2	oor leaf installation(remaining) 16/9
	1.2.4.2.1.1	FRP Ceiling at E&M rooms	7 d Mon 23/9/24	Sun 29/9/24			C2	FRP Ceiling at E&M rooms
3	1.2.4.2.1.1	Floor finish	10 d Wed 2/10/24	Fri 11/10/24		109	C2	Floor finis
,	1.2.4.2.1.1	Touch Up works	7 d Sat 12/10/24	Fri 18/10/24	108		C2	Touch

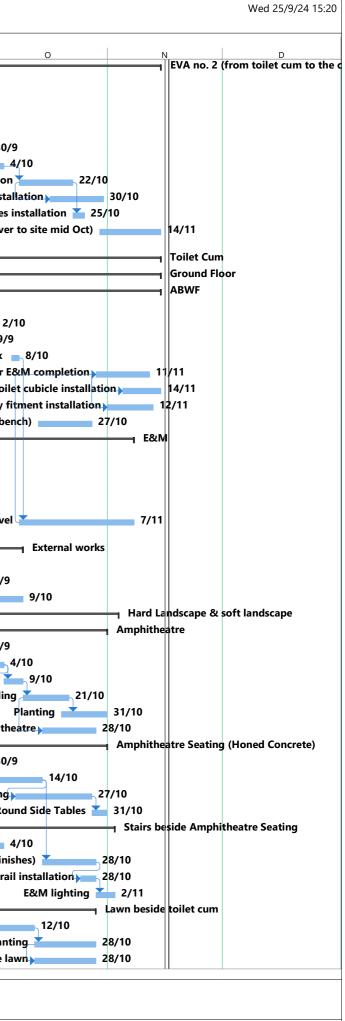
Page 2 of 12



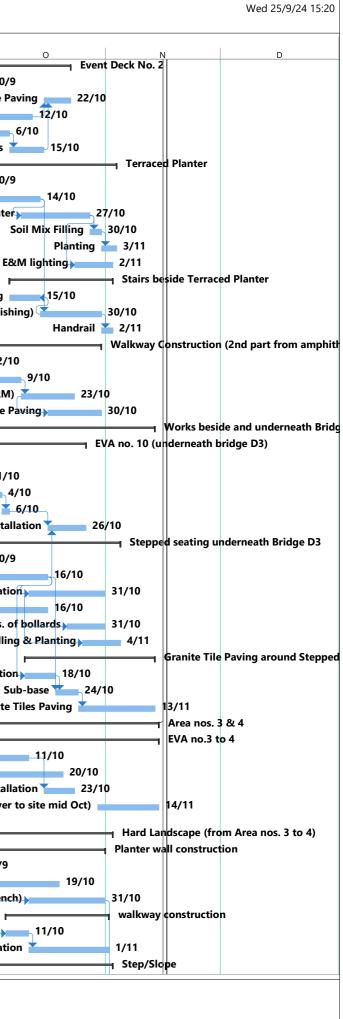
	WBS	Task Name	Duration	Start	Finish	Predecessors	Successors	Task	
0	1.2.4.2.1.2	E&M	88.	d Eri 5/7/24	Mon 30/9/24	1		Calendar C2	A S
	1.2.4.2.1.2				Mon 30/9/24			C2	
	1.2.4.2.1.2				Mon 30/9/24		113SS+24 d,114SS		
	1.2.4.2.1.2				4 Mon 30/9/24			C2	
	1.2.4.2.1.2				4 Mon 30/9/24			C2	
	1.2.4.2.2	Building B			Thu 17/10/24			C2	
	1.2.4.2.2.1	_			Thu 17/10/24			C2	
	1.2.4.2.2.1		14	d Tue 1/10/24	4 Mon 14/10/24	4118	121	C2	Floor tile & wall tile at refuse chambe
	1.2.4.2.2.1		5	d Thu 26/9/24	4 Mon 30/9/24		117	C2	install re-order door at refuse chamber
)	1.2.4.2.2.1	install roller shutter	5	d Fri 13/9/24	Tue 17/9/24		120	C2	install roller shutter 17/9
)	1.2.4.2.2.1	floor finish (machinary store room)	7	d Wed 18/9/2	4 Tue 24/9/24	119		C2	floor finish (machinary store room)
	1.2.4.2.2.1	Touch Up works	3	d Tue 15/10/2	4Thu 17/10/24	117	123	C2	Тои
	1.2.4.2.3	Footing for fence	117	d Fri 5/7/24	Tue 29/10/24	L .		C2	
	1.2.4.2.3.1	footing for fence	12	d Fri 18/10/24	Tue 29/10/24	121		C2	fo
	1.2.4.2.3.2	E&M	88	d Fri 5/7/24	Mon 30/9/24	L .		C2	
	1.2.4.2.3.2	Electrical works	1	d Mon 15/7/24	4 Mon 15/7/24			C2	
	1.2.4.2.3.2	MVAC works	88	d Fri 5/7/24	Mon 30/9/24			C2	
	1.2.4.2.3.2	Fire service works	88	d Fri 5/7/24	Mon 30/9/24			C2	
	1.2.4.2.3.2	plumbing and drainage works	88	d Fri 5/7/24	Mon 30/9/24			C2	
	1.2.4.3	Kiosk	78	d Sat 20/7/24	4 Sat 5/10/24			C2	
	1.2.4.3.1	Construction after drainage works beside complete	45	d Sat 20/7/24	4 Mon 2/9/24			C2	2/9
	1.2.4.3.2	install door & door frame	3	d Mon 16/9/24	4 Wed 18/9/24	Ļ	132	C2	install door & door frame 🔛 18/9
	1.2.4.3.3	floor screeding	3	d Mon 23/9/24	4 Wed 25/9/24	131	134	C2	floor screeding
	1.2.4.3.4	floor paint	3	d Thu 3/10/24	4 Sat 5/10/24	134		C2	floor p
	1.2.4.3.5	wall finish	7	d Thu 26/9/24	4 Wed 2/10/24	132	133	C2	wall finish
	1.2.5	FS Inspection of POS	14	d Fri 4/10/24	Thu 17/10/24	1		C2	
	1.2.5.1	Form 501 submission	0	d Fri 4/10/24	Fri 4/10/24		137	C2	
	1.2.5.2	Review document by FS department (assume 10 days)			Thu 17/10/24		138	C2	w document by FS department (assume 10 d
	1.2.5.3	actual FS inspection			4Thu 17/10/24			C2	
_	1.3	Area no.2			Thu 14/11/24		2	C2	
_	1.3.1	EVA			Thu 14/11/24			C2	
	1.3.1.1	EVA no. 2 (obstruct by observation deck)			Thu 14/11/24	1		C2	
_	1.3.1.1.1	Duct and drawpits of this section of EVA			Sat 28/9/24		143	C2	its of this section of EVA
_	1.3.1.1.2	Drainage works for rain garden			4 Sat 5/10/24		144FF	C2	Drainage works for rain garde nking fountain and cleansing pipes installat
_	1.3.1.1.3	irrigation; drinking fountain and cleansing pipes installation			4 Sat 5/10/24		145	C2	
	1.3.1.1.4	Formation of the EVA			4 Wed 9/10/24		146	C2	Formation of the
	1.3.1.1.5	Sub-base laying			4 Sat 12/10/24		147	C2	Sub-ba
_	1.3.1.1.6	Road Base			4Mon 14/10/24		148,158	C2	Paving Blocks
	1.3.1.1.7	Paving Blocks Construction			4 Sat 26/10/24		149SS+5 d	C2	6 nos. lighting
_	1.3.1.1.8	6 nos. lighting poles installation	10		4Tue 29/10/24 Thu	+ 14655+5 U		C2 C2	tallation to drawpits (assume matching cove
	1.3.1.1.9	matching cover installation to drawpits (assume matching cover deliver to site mid Oct)	10	30/10/24	14/11/24			02	tanation to drawpits (assume matching cove
	1.3.1.2	EVA no.2 (beside toilet cum)	98		Thu 14/11/24	4		C2	P
_	1.3.1.2.1	Duct and drawpits beside toilet cum			Sat 17/8/24		155	C2	cum17/8
	1.3.1.2.2	Firemain Laying	8	d Wed 14/8/2	4 Wed 21/8/24	L .		C2	n Laying 21/8
	1.3.1.2.3	Sewer Pipe Installation (Crossing EVA)	10	d Wed 14/8/2	4 Fri 23/8/24		155	C2	ing EVA) 23/8
	1.3.1.2.4	Formation of the EVA	7	d Sat 24/8/24	Fri 30/8/24	152,154	156	C2	ation of the EVA
_	1.3.1.2.5	Subbase laying	3	d Sat 31/8/24	Mon 2/9/24	155	157	C2	Subbase laying 🎽 2/9
	1.3.1.2.6	Road Base	2	d Tue 3/9/24	Wed 4/9/24	156	159FS+24 d	C2	Road Base 🎽 4/9
	1.3.1.2.7	paving blocks construction (after road base of EVA no. 2 obstruct	10		Thu	147	160SS+4 d,161	C2	uction (after road base of EVA no. 2 obstrue
	40465	by OD cast)		15/10/24	24/10/24	45750		00	
_	1.3.1.2.8	U-channel construction			4 Tue 8/10/24			C2	U-channel construction
_	1.3.1.2.9	6 nos. of lighting installation			4 Mon 28/10/24			C2	6 nos. of ligh
	1.3.1.2.10				4 Mon 28/10/24	1158		C2	irrigation; drinking fountain and cleans
_	1.3.1.2.11	matching cover installation to drawpits (assume matching cover deliver to site mid Oct)	16	d Wed 30/10/24	Thu 14/11/24			C2	tallation to drawpits (assume matching cove
_				50/10/24	17/11/24				
_									
_			· .						
	eration Prog	ramme Rev 16C	Start-o			itical	Progre Manua		



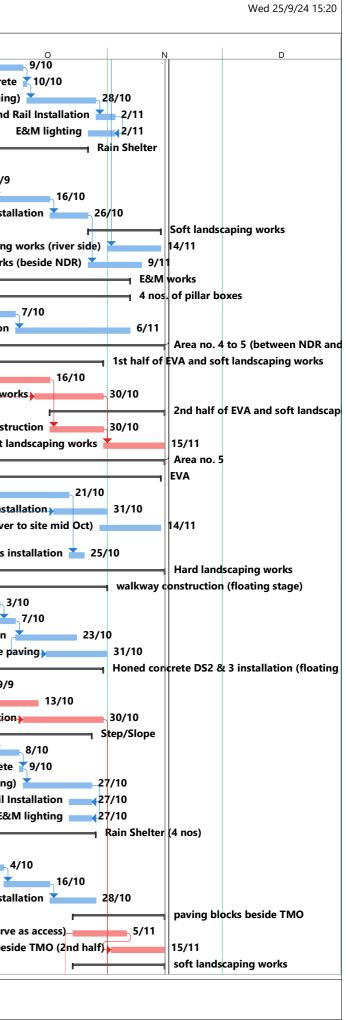
)	WBS	Task Name	Duration	Start	Finish		ramme Rev 16C Successors	Task	
			Duration	Sldil	FILIISTI	Freuecessors		Calendar	A S
	1.3.1.3	EVA no. 2 (from toilet cum to the current entrance)		d Wed 28/8/24				C2	
	1.3.1.3.1	Duct and drawpits		d Wed 28/8/24				C2	Duct and drawpits 4/9
	1.3.1.3.2	fire main installation		d Wed 28/8/24				C2	re main installation 6/9
	1.3.1.3.3	u-channel construction		d Wed 4/9/24				C2	u-channel construction
	1.3.1.3.4	formation of the EVA		d Fri 13/9/24				C2	formation of the EVA 24/9
	1.3.1.3.5	subbase laying		d Wed 25/9/24				C2	subbase laying 💆 3
	1.3.1.3.6	Road Base		d Tue 1/10/24				C2	Road Base
	1.3.1.3.7	paving blocks construction		d Wed 9/10/24				C2	paving blocks construction
	1.3.1.3.8	6 Nos. lighting and bollard installation		dThu 17/10/24				C2	6 Nos. lighting and bollard ins
	1.3.1.3.9	irrigation; drinking fountain and cleansing pipes installation		d Ned 23/10/24		170		C2	irrigation; drinking fountain and cleansing pipe
173	1.3.1.3.10	matching cover installation to drawpits (assume matching cover deliver to site mid Oct)	16	d Wed 30/10/24	Thu 14/11/24			C2	tallation to drawpits (assume matching cover deli
174	1.3.2	Toilet Cum	99	d Thu 8/8/24		4		C2	
	1.3.2.1	Ground Floor		d Thu 8/8/24				C2	
	1.3.2.1.1	ABWF		d Fri 13/9/24				C2	
	1.3.2.1.1.1		7	d Fri 13/9/24	Thu 19/9/24			C2	install roller shutter
	1.3.2.1.1.2			d Thu 19/9/24				C2	wall compact board installation
	1.3.2.1.1.3	•		d Fri 20/9/24				C2	paint on baffle ceiling frame
	1.3.2.1.1.4			d Mon 7/10/24				C2	baffle ceiling setting out for E&M wor
31	1.3.2.1.1.5		14	dTue 29/10/24	Mon 11/11/24	4190SS+20 d	182SS+7 d,183SS+	C2	baffle ceiling installation afte
32	1.3.2.1.1.6		10	d Tue 5/11/24	Thu 14/11/24	4181SS+7 d		C2	
	1.3.2.1.1.7		12	d Fri 1/11/24	Tue 12/11/24	4181SS+3 d		C2	sanitar
	1.3.2.1.1.8	-	14	dMon 14/10/24	4Sun 27/10/24	4		C2	furnitue(locker,
	1.3.2.1.2	E&M		d Thu 8/8/24				C2	
	1.3.2.1.2.1			d Thu 8/8/24				C2	orks 23/9
37	1.3.2.1.2.2	2 Electrical works	47	d Thu 8/8/24	Mon 23/9/24	ł		C2	orks 23/9
88	1.3.2.1.2.3	Fire service works	35	d Tue 20/8/24	Mon 23/9/24	ł		C2	service works 23/9
39	1.3.2.1.2.4	Plumbing and drainage works	47	d Thu 8/8/24	Mon 23/9/24	L .		C2	orks 23/9
90	1.3.2.1.2.5	Additional of FS down pipe and sprinkler head at ceiling level,	30	d Wed 9/10/24	Thu 7/11/24	180	181SS+20 d	C2	ng level, relocation of flash light (FS) at ceiling le
		relocation of flash light (FS) at ceiling level							
	1.3.2.2	External works		d Tue 10/9/24				C2	
	1.3.2.2.1	Apply skimcoat		d Tue 10/9/24				C2	Apply skimcoat 16/9
	1.3.2.2.2	Apply SKK paint		d Tue 17/9/24				C2	Apply SKK paint 28
	1.3.2.2.3	Installation of vertical fins		d Tue 24/9/24				C2	Installation of vertical fins
	1.3.3	Hard Landscape & soft landscape		d Tue 17/9/24				C2	
	1.3.3.1	Amphitheatre		d Thu 26/9/24				C2	
	1.3.3.1.1	Water Treatment Plant Removal		d Thu 26/9/24				C2	Water Treatment Plant Removal
	1.3.3.1.2	Excavation and Formation		d Sun 29/9/24				C2	Excavation and Formation
	1.3.3.1.3	Sub-soil Drain Installation		d Sat 5/10/24				C2	Sub-soil Drain Installation
	1.3.3.1.4	Soil Mix Filling		d Thu 10/10/24			201FS-2 d,202SS+5		Soil Mix Fi
	1.3.3.1.5	Planting		dSun 20/10/24				C2	aronite poving around the ample
	1.3.3.1.6	granite paving around the amphitheatre		dTue 15/10/24				C2	granite paving around the amph
	1.3.3.2	Amphitheatre Seating (Honed Concrete)		d Tue 24/9/24				C2	Formation and Plinding Conserts
	1.3.3.2.1	Formation and Blinding Concrete		d Tue 24/9/24				C2	Formation and Blinding Concrete RC Footing
	1.3.3.2.2	RC Footing		d Tue 1/10/24			206FS-7 d,210,2098		
	1.3.3.2.3	Honed Concrete Seating		d Tue 8/10/24				C2	Honed Concrete Seat
	1.3.3.2.4	Round Side Tables		dMon 28/10/24				C2	
	1.3.3.3	Stairs beside Amphitheatre Seating		d Tue 1/10/24				C2	Formation and Diadian Connector
	1.3.3.3.1	Formation and Blinding Concrete		d Tue 1/10/24				C2	Formation and Blinding Concrete RC Stair Structures (include
	1.3.3.3.2	RC Stair Structures (include finishes)		dTue 15/10/24				C2	RC Stair Structures (include Hand
	1.3.3.3.3	Handrail installation		d Fri 25/10/24				C2	
2	1.3.3.3.4	E&M lighting		dTue 29/10/24				C2	
	1.3.3.4	Lawn beside toilet cum		d Tue 1/10/24				C2	duct and drawpits
3	12214	duct and drawpits		d Tue 1/10/24 dSun 13/10/24				C2 C2	soil mixing and p
3 4	1.3.3.4.1	soil mixing and planting			t⊧vi∪i ∠0/ IU/24	4214	21000	<u>U</u> 2	son mixing and p
3 4 5	1.3.3.4.2	soil mixing and planting			Mon 20/40/2	121500		C2	aranita navina hacida dh
3 4 5		soil mixing and planting granite paving beside the lawn		dSun 13/10/24	4Mon 28/10/24	4215SS		C2	granite paving beside th
3 4 5 6	1.3.3.4.2 1.3.3.4.3			dSun 13/10/24		4215SS	Progress		granite paving beside th



WBS	Task Name	Duration	Start	Finish	Predecessors	Successors	Task	
7 1.3.3.5	Event Deck No. 2	25.4	A Sat 29/0/24	Tue 22/10/2	4		Calendar C2	A S
1.3.3.5 3 1.3.3.5.1				Mon 30/9/24		221,220	C2	Sub-base
				24Tue 22/10/2		221,220	C2	Granite
9 1.3.3.5.2					,	210		Glass Barustrad
1.3.3.5.3				4 Sat 12/10/2		219	C2	RC Foundation of Long Table Set
1.3.3.5.4				4 Sun 6/10/24		222	C2	
2 1.3.3.5.5	5			4 Tue 15/10/2		219	C2	Long Tabl
1.3.3.6	Terraced Planter			4 Sun 3/11/24			C2	
1.3.3.6.1	Blinding			4 Mon 30/9/24		225	C2	Blinding
1.3.3.6.2	RC Footing	14 c	d Tue 1/10/24	4 Mon 14/10/2	4224	226FS-5 d,232	C2	RC Footin
1.3.3.6.3		18 c	dThu 10/10/2	4Sun 27/10/2	4225FS-5 d	227,229FS-4 d	C2	Honed Concrete
1.3.3.6.4	Soil Mix Filling	3 c	dMon 28/10/2	24Ned 30/10/2	4226	228	C2	
1.3.3.6.5	Planting	4 c	d Thu 31/10/2	4 Sun 3/11/24	1 227		C2	
1.3.3.6.6	E&M lighting	10 c	d Thu 24/10/2	4 Sat 2/11/24	226FS-4 d		C2	
1.3.3.7	Stairs beside Terraced Planter	27 0	d Mon 7/10/24	4 Sat 2/11/24	L .		C2	
1.3.3.7.1	Formation and Blinding	8 c	d Mon 7/10/24	4 Tue 15/10/2	4232SF		C2	Formation and B
1.3.3.7.2	RC Stairs (include finishing)	16 c	dTue 15/10/2	4Ned 30/10/2	4225	231SF,233	C2	RC Stairs (inclu
1.3.3.7.3		3 (d Thu 31/10/2	4 Sat 2/11/24	232		C2	
1.3.3.8	Walkway Construction (2nd part from amphitheatre to harbor ste			4 Ned 30/10/2			C2	
1.3.3.8.1	stainless steel channel for glass balstrade installation			4 Wed 2/10/2			C2	annel for glass balstrade installation
	Formation & Sub-base (Concrete)			4 Wed 9/10/2		235SF,237	C2	Formation & Sub-base (Concre
1.3.3.8.2 1.3.3.8.3	glass balstrade installation (include E&M)			4 Wed 3/10/2		23855+7 d	C2	glass balstrade installation (inclu
_	Porcelain Tile Paving					25655+7 U		Porcel
1.3.3.8.4				4 Wed 30/10/2			C2	Forces
1.3.4	Works beside and underneath Bridge D3			4 Ned 13/11/2			C2	
1.3.4.1	EVA no. 10 (underneath bridge D3)			4 Sat 26/10/2		0.4050 40 4	C2	
1.3.4.1.1	Duct and drawpits underneath Bridge D3			4 Wed 11/9/2		242FS+16 d	C2	eath Bridge D3
1.3.4.1.2				Tue 1/10/24			C2	Formation of EVA
1.3.4.1.3				4 Fri 4/10/24		244	C2	Sub-ba
1.3.4.1.4		2 c	d Sat 5/10/24	Sun 6/10/24	4 243	245	C2	Road
1.3.4.1.5	Paving Blocks Installation	10 c	dThu 17/10/2	4 Sat 26/10/2	4 244,248		C2	Paving Blog
1.3.4.2	Stepped seating underneath Bridge D3	47 c	d Thu 19/9/24	4 Mon 4/11/2	4		C2	
1.3.4.2.1	Excavation & Blinding Concrete	12 c	d Thu 19/9/24	4 Mon 30/9/24	1	248,250	C2	Excavation & Blinding Concrete
1.3.4.2.2	RC Footing Construction	16 c	d Tue 1/10/24	4 Ned 16/10/2	4247	245,249FS-5 d,255	i,:C2	RC Footing Construction
1.3.4.2.3	Honed Concrete Seating Installation	20 c	d Sat 12/10/24	4 Thu 31/10/2	4248FS-5 d	252SS+14 d,251SS	S-C2	Honed Concrete Seating
1.3.4.2.4	-	16 c	d Tue 1/10/24	4 Ned 16/10/2	4247		C2	U-channel surround the seating
1.3.4.2.5		10 (dTue 22/10/2	4Thu 31/10/2	4249SS+10 c	1	C2	15 nos. of lamp poles and
1.3.4.2.6				4 Mon 4/11/2			C2	Soil
1.3.4.3	Granite Tile Paving around Stepped Seating			4 Ned 13/11/2		-	C2	
1.3.4.3.1				4 Fri 18/10/24		255	C2	
1.3.4.3.2				4 Thu 24/10/2		256	C2	_
1.3.4.3.2				4 110 24/10/2 4 Ned 13/11/2		230	C2	_
						•		
1.4	Area nos. 3 & 4			4 Thu 14/11/2		2	C2	
1.4.1	EVA no.3 to 4			4 Thu 14/11/2		00000 40 100455	C2	
1.4.1.1	Paving block installation			4 Fri 11/10/24		260SS+18 d,261FS		Paving block installation
1.4.1.2	25 nos. lighting poles and 33 bollards installation			4 Sun 20/10/2		1	C2	os. lighting poles and 33 bollards installatio
1.4.1.3	irrigation; drinking fountain and cleansing pipes installation	8 c	dNed 16/10/2	24Ned 23/10/2	4259FS+4 d		C2	igation; drinking fountain and cleansing pip
1.4.1.4	matching cover installation to drawpits (assume matching cover	16 c		Thu			C2	tallation to drawpits (assume matching cove
4.4.5	deliver to site mid Oct)		30/10/24	14/11/24			6	
1.4.2	Hard Landscape (from Area nos. 3 to 4)			4 Sat 2/11/24			C2	
1.4.2.1	Planter wall construction			Thu 31/10/2			C2	
1.4.2.1.1				Sat 28/9/24		272FS+3 d,266FS+		Formation
1.4.2.1.2	5					267SS+10 d,269SS		oting construction for honed concrete (6 no
1.4.2.1.3	Honed Concrete Installation(Wall/Bench)	20 c	d Sat 12/10/24	4 Thu 31/10/2	4266SS+10 c	283	C2	Honed Concrete Installation(W
1.4.2.2	walkway construction	27 c	d Sun 6/10/24	4 Fri 1/11/24			C2	
1.4.2.2.1	Sub-base/Concrete	6 c	d Sun 6/10/24	4 Fri 11/10/24	266SS+4 d	270	C2	Sub-base/Co
1.4.2.2.2	Procelain Tile Installation	21 c	d Sat 12/10/24	4 Fri 1/11/24	269		C2	Procelain Tile
1.4.2.3	Step/Slope	32 0	d Wed 2/10/2	4 Sat 2/11/24	•		C2	
	gramme Rev 16C	Start-o	only C	C	ritical	Progre	ss	

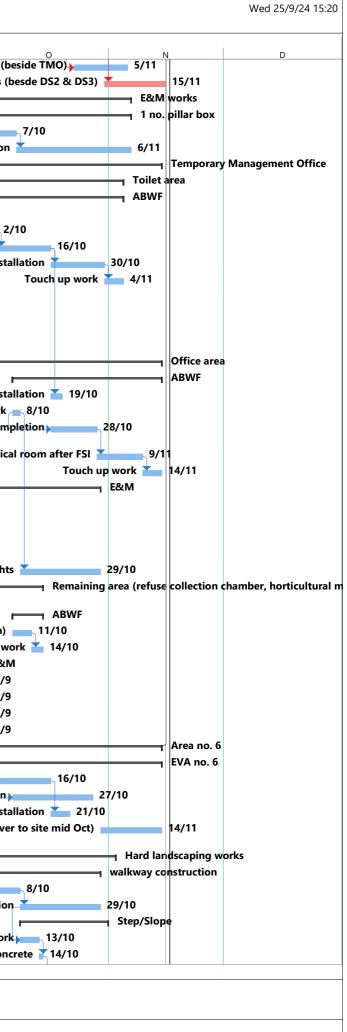


	WBS	Task Name	Duration	Start	Finish	Predecessors	Successors	Task Calenda		- I
72	1.4.2.3.1	Temp Access Removal / Formation work	8 (d Wed 2/10/24	Wed 9/10/2	24 265FS+3 d	273	Calenda C2		s oval / Formation work
3	1.4.2.3.2	Blinding Concrete	1 (d Thu 10/10/24	4Thu 10/10/2	24272	274	C2		Blinding Conc
ŀ	1.4.2.3.3	Step/Slope Construction (4 nos.include finishing)	18 (d Fri 11/10/24	Mon 28/10/	24273	275	C2	Step/Slope Construct	tion (4 nos.include finish
	1.4.2.3.4	Hand Rail Installation	5 (d Tue 29/10/24	4 Sat 2/11/2	4 274	276FF	C2		Ha
	1.4.2.3.5	E&M lighting	7 (dSun 27/10/24	4 Sat 2/11/2	4 275FF		C2		
	1.4.2.4	Rain Shelter	47 (d Tue 10/9/24	Sat 26/10/2	24		C2		
	1.4.2.4.1	Excavation for 4 nos. of footing of rain shelter	6 (d Tue 10/9/24	Sun 15/9/2	24	279FS+3 d	C2	nos. of footing of rain sh	elter15/9
	1.4.2.4.2	Construction for 4 nos. footings of rain shelter	10 0	d Thu 19/9/24	Sat 28/9/2	4 278FS+3 d	280FS+4 d	C2	ion for 4 nos. footings of	rain shelter 28
	1.4.2.4.3	Frame Installation	14 0	d Thu 3/10/24	Ned 16/10/	24279FS+4 d	281	C2		Frame Installation
	1.4.2.4.4	Bench installation	10 0	d Thu 17/10/24	4 Sat 26/10/2	24 280	284	C2		Bench in
	1.4.3	Soft landscaping works	19 0	dSun 27/10/24	4Thu 14/11/	24		C2		
	1.4.3.1	soil mixing and planting works (river side)	14 0	d Fri 1/11/24	Thu 14/11/2	24 267		C2		soil mixing and plant
	1.4.3.2	soil mixing and planting works (beside NDR)	14 (dSun 27/10/24	4 Sat 9/11/2	4 281		C2	soil	mixing and planting wo
	1.4.4	E&M works	38 0	d Mon 30/9/24	Wed 6/11/2	24		C2		
	1.4.4.1	4 nos. of pillar boxes	38 0	d Mon 30/9/24	Wed 6/11/2	24		C2		
	1.4.4.1.1	plinths	8 (d Mon 30/9/24	Mon 7/10/2	24	288	C2		plinths
	1.4.4.1.2	pillar box installation	30 (d Tue 8/10/24	Wed 6/11/2	24 287		C2		pillar box installat
	1.5	Area no. 4 to 5 (between NDR and Underpass)	44 (d Thu 3/10/24	Fri 15/11/2	24	2	C2		
	1.5.1	1st half of EVA and soft landscaping works	28 (d Thu 3/10/24	Ned 30/10/	24		C2		
	1.5.1.1	EVA construction (after site clearance)	14 0	d Thu 3/10/24	Ned 16/10/	24	292SS+10 d,294	C2	EVA construction	on (after site clearance)
	1.5.1.2	soft landscaping works	18 0	dSun 13/10/24	4Ned 30/10/	24291SS+10 c	295	C2		soft landscaping
	1.5.2	2nd half of EVA and soft landscaping works	30 0	dThu 17/10/24	4 Fri 15/11/2	24		C2		
	1.5.2.1	EVA construction	14 (d Thu 17/10/24	4Ned 30/10/	24291	295	C2		EVA co
	1.5.2.2	soft landscaping works	16 0	d Thu 31/10/24	4 Fri 15/11/2	4 292,294		C2		so
;	1.6	Area no. 5	795 0	d Thu 1/9/22	Fri 15/11/2	24	2	C2		
	1.6.1	EVA	48 0	d Sat 28/9/24	Thu 14/11/	24		C2		
;	5/9/24	paving blocks construction	24 0	d Sat 28/9/24	Mon 21/10/	24	299SS+20 d,301	C2	paving l	olocks construction
)	1.6.1.2	14 nos. lighting and 35 nos. bollard installation				24 298SS+20 c		C2	14 nos. lighti	ing and 35 nos. bollard i
)	1.6.1.3	matching cover installation to drawpits (assume matching cover	16 0		Thu			C2	tallation to drawpits (ass	ume matching cover de
		deliver to site mid Oct)		30/10/24	14/11/24					
	1.6.1.4	irrigation; drinking fountain and cleansing pipes installation		dTue 22/10/24				C2	irrigation; drinking fou	intain and cleansing pip
2	1.6.2	Hard landscaping works	58 0	d Thu 19/9/24	Fri 15/11/2	24		C2		
3	1.6.2.1	walkway construction (floating stage)		d Sat 28/9/24				C2		
	1.6.2.1.1	formation		d Sat 28/9/24			305	C2		formation
	1.6.2.1.2	subbase laying		d Fri 4/10/24			306	C2		subbase laying
	1.6.2.1.3	glass balstrade for floating stage installation		d Tue 8/10/24			307SS+8 d	C2	glass balstrade for	floating stage installat
7	1.6.2.1.4	porcelain Tile paving				24 306SS+8 d		C2		porcelain T
3	1.6.2.2	Honed concrete DS2 & 3 installation (floating stage)		Fri 20/9/24				C2		l l l l l l l l l l l l l l l l l l l
	1.6.2.2.1	Excavation of footing for honed concrete DS2 & 3		d Fri 20/9/24			310,313FS+3 d	C2	f footing for honed conc	
	1.6.2.2.2	Footing construction for honed concrete DS2 & 3		d Mon 30/9/24			311SS+10 d	C2	ing construction for hon	
	1.6.2.2.3	Honed concrete DS2 & 3 installation				24310SS+10 c	328	C2	Honed c	oncrete DS2 & 3 install
2	1.6.2.3	Step/Slope	25 0	d Thu 3/10/24	Sun 27/10/	24		C2		
	1.6.2.3.1	Temp Access Removal / Formation work	6 0	d Thu 3/10/24	Tue 8/10/2	4 309FS+3 d	314	C2	Temp Access Rem	oval / Formation work
ŀ	1.6.2.3.2	Blinding Concrete		d Wed 9/10/24			315	C2		Blinding Cond
_	1.6.2.3.3	Step/Slope Construction (3 nos. include finishing)	18 0	dThu 10/10/24	1Sun 27/10/	24314	316FF	C2	Step/Slope Construct	ion (3 nos. include finisl
5	1.6.2.3.4	Hand Rail Installation	6 0	dTue 22/10/24	1Sun 27/10/	24315FF	317FF	C2		Hand R
7	1.6.2.3.5	E&M lighting	6 0	dTue 22/10/24	4Sun 27/10/	24316FF		C2		
3	1.5.2.3	Rain Shelter (4 nos)	40 0	d Thu 19/9/24	Mon 28/10/	24		C2		P
)	1.5.2.3	Excavation	6 0	d Thu 19/9/24	Tue 24/9/2	24	320SS+4 d	C2		Excavation 24/9
)	1.5.2.3	Footing Construction	12 (d Mon 23/9/24	Fri 4/10/24	4 319SS+4 d	321	C2	Footin	g Construction
	1.5.2.3	Frame Installation	12 (d Sat 5/10/24	Ned 16/10/	24320	322	C2		Frame Installatio
2	1.5.2.3	Bench installation	12 (d Thu 17/10/24	4Mon 28/10/	24321		C2		Bench i
	1.6.2.5	paving blocks beside TMO	24 0	dNed 23/10/24	4 Fri 15/11/2	24		C2		
1	1.6.2.5.1	paving blocks beside TMO (1st half; 2nd half serve as access)	14 (dNed 23/10/24	4 Tue 5/11/2	24	325FS-4 d,327SS	C2	paving blocks beside T	MO (1st half; 2nd half
-	1.6.2.5.2	paving blocks beside TMO (2nd half)	14 (d Sat 2/11/24	Fri 15/11/2	4 324FS-4 d		C2		paving blocks
5	1.6.3	soft landscaping works	24 0	d Ned 23/10/24	4 Fri 15/11/2	24		C2		

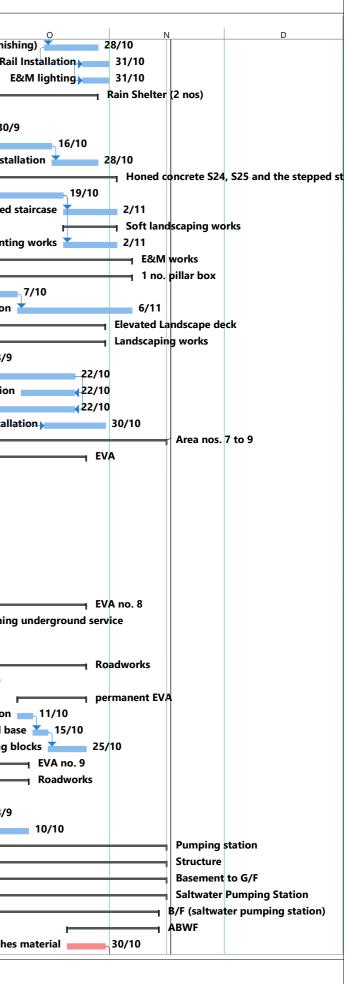


ng and planting works (beside TKO) r 4 d viel 23/102 / Tue 5/11/2 32458 C addition of the construction of the constene construction of the construction of the constructi			Task	Successors	Predecessors	Finish	Start	Duration		Task	VBS	,
and public works (posed DS2 & DS3) 10 d Thu 31/1024 Fri (17/24) 311 CC2 sol mixing and public of the sol mixing and public of th	A S		Calendar									
a B< B< B< B< <td></td> <td>.6.3.1</td> <td></td>											.6.3.1	
Iar box 33 d Mon 300424 Wed P11024 S2 C2 box installation 30 d Tue 8/1024 Wed P11024 S2 C2 box installation 30 d Tue 8/1024 Wed P11024 C2 Pilet Pil	soli mixing and planting v										.6.3.2	
b d									works		.6.4	
box installation 90 d Tue 8/10/24 Week 0/11/24 331 C.22 pillar box installation T74 d Tu 19/22 Tu 14/17/4 C.24 F 774 d Tu 19/22 Mu 41/17/4 C.24 II liles anying 21 d Tu 19/22 Mu 41/17/4 C.24 II liles anying 21 d Tu 19/22 Mu 41/17/4 C.24 II liles anying 21 d Tu 19/22 Mu 41/17/4 C.24 II liles anying 10 d Mu 23/04 Wed 21/02/4 338, 347 C.24 II liles anying 6 d Tu 3/10/24 Wed 19/10/2/337 339, 347 C.24 II liles anying 6 d Tu 3/10/24 Wed 19/10/2/337 339, 347 C.24 Vedtal work 6 d Tu 3/10/24 Mu An/11/24 339 C.22 Pre 5 d Tu 3/10/24 Mu An/11/24 C.22 Vedtal work 6 d Tu 8/17 Mu 41/124 Mu 23/92/4 C.22 Pre 5 d Tu 3/10/24 Mu An/11/24 C.22 Vedtal work 9 d Tu A Mu 8/14 Mu 23/92/4 C.22 Pre 5 d Tu 3/10/24 Mu An/11/24 C.22 Vedtal work 2 d Mu 7/10/24 Tu 8/10/24 303 C.22 Pre 5 d Tu 3/10/24 Mu An/11/24 C.24 Ved been laying for office, wealing area and me				222					•		.6.4.1	
y Management Office 774 d Thu 14/12/14 CC2 rea 784 d Thu 14/92/2 Mon 41/124 CC2 F 784 d Thu 14/92/2 Mon 41/124 CC2 F 784 d Thu 14/92/2 Mon 41/124 CC2 F 784 d Thu 14/92/2 Mon 41/124 CC2 Bie and foor lise laying 21 d Thu 14/92/2 Mon 41/124 S8 Bie cubicle installation 11 d Thu 71/02/4 Med 10/02/337 338 J/7 C2 et cubicle installation 14 d Thu 71/02/4 Med 21/02/4 S8 C2 etc. 23/9 et cubicle installation 3 d Thu 88/24 Mon 23/92/4 CC2 orks 23/9 ACE works 47 d Thu 88/24 Mon 23/92/4 CC2 orks 23/9 et retrictal works 47 d Thu 88/24 Mon 23/92/4 CC2 orks 23/9 et retrictal works 47 d Thu 88/24 Mon 23/92/4 CC2 orks 23/9 et retrictal works 3 d Thu 11/12/2 Stall 10/12/4 Stall 10/12/4 C2 esting stetting ort fick, wai				332					linth		.6.4.1.1	
main 78 d Thu 1/9/22 Mon 4/11/24 C2 F 78 d Thu 1/9/22 Worl 1/9/24 C2 III illes and floor illes laying 21 d Thu 1/9/22 Worl 2/9/24 S8 d C2 et cable installation 11 d d Thu 3/9/24 Worl 2/9/24 S8 d C2 et cable installation 11 d d Thu 3/9/24 Worl 2/9/24 S8 d C2 et cable installation 11 d Thu 3/9/24 Worl 2/9/24 S8 d C2 et cables installation 14 d Thu 3/9/24 Mon 2/9/24 C2 Pis S9 d Thu 8/9/4 Mon 2/9/24 C2 Pis S9 d Mon 2/9/24 C2 <	pillar box liista									-	.6.4.1.2	_
F 744 d Tut 1/3/2 World 1/1/2 Solution Solut											.6.5	_
II illes and floor illes laying 21 d Thu 1/022 Viol 2 1/024 338 C2 II compact board installation 10 d Mon 239/24 Wei 2 1/024 338 C2 tuic compact board installation 14 d Thu 3/024 Wei 1 61/02/337 339.347 C2 tuic compact board installation tuic up work 5 d Thu 3/10/24 Mei 4 10/02/337 339.347 C2 tuic up work 5 d Thu 8/24 Min 23/924 C22 prix 23/4 23/4 Viol works 47 d Thu 8/24 Min 23/924 C22 prix 23/4 23/4 Aroa works 47 d Thu 8/24 Min 23/924 C22 prix 23/4 23/4 Aroa works 47 d Thu 8/24 Min 23/924 C22 prix 23/4 23/4 Aroa works 47 d Thu 8/24 Min 23/924 C22 prix 23/4									let area		.6.5.1	
ii compact board installation 10 d Mon 23924 Wed 21024 338 C2 wall compact beard installation ii duolde installation 14 d Thu 37024 Wei 10102337 339.347 C2 ible collable installation ii duolde installation 5 d Thu 37024 Wei 20102438 340 C2 ible collable installation ii duolde installation 5 d Thu 37024 Wei 203024 CC2 installation issallary filtnest control 5 d Thu 88024 Mon 23024 CC2 installation issallary filtnest dramatic matching works 47 d Thu 88024 Mon 23024 CC2 installation issallary filtnest dramatic matching works 47 d Thu 88024 Mon 23024 CC2 installation 23 d Mon 7/1024 Thu 14/1124 CC2 framatic matching works 3 d Mon 7/1024 Thu 14/1124 CC2 installation 24 Mon 7/1024 Thu 14/1124 CC2 framatic matching works 3 d Thu 88024 Mon 23024 GC2 installation 24 Mon 7/1024 Thu 14/1124 CC2 installation installation installation installation installation installation installation installation installation									ABWF		.6.5.1.1	_
et aubic installation 14 d Thu 3/10/24 / Med 16/10/23/37 333,347 C.2 table cubic installation 14 d Thu 3/10/24 / Med 16/10/23/37 339,347 C.2 cubic cubic installation 14 d Thu 3/10/24 / Med 30/10/23/38 340 C.2 price santary filtering uch up work 47 d Thu 8/32/4 / Men 23/92/4 C.22 price 737 Cardial works 47 d Thu 8/32/4 / Men 23/92/4 C.22 price 737 Ara Cardial age works 47 d Thu 8/32/4 / Men 23/92/4 C.22 price 737 Ara Cardial works 47 d Thu 8/32/4 / Men 23/92/4 C.22 price 237 Ara Cardial works 47 d Thu 8/32/4 / Men 23/92/4 C.22 price 237 Ara Cardial works 47 d Thu 8/32/4 / Men 23/92/4 C.22 price 237 Big setting ut for EAM work 24 d Mon 710/24 Thu 14/11/24 C.22 price santary filtering Urig use dup works 24 d Thu 8/12/4 / Man 23/92/4 S.20 C.22 price santary filtering Urig use dup works 47 d Thu 8/8/24 / Man 23/92/4 G.22 price santary filtering Santary filtering Santary filtering <td>wall compact heard installation</td> <td>_</td> <td></td> <td>220</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>.6.5.1.1.</td> <td></td>	wall compact heard installation	_		220							.6.5.1.1.	
tinary finenet installation 4 d Thu 17/10/24 Ma 30/10/2338 340 C 2 constant of the set of t									•		.6.5.1.1.	
Link up work 5 dThu 31/10/24 Man 411/24 339 C 2 Feature 110/24 Man 411/24 339 C 2 Vertical works 47 d Thu 88/24 Man 239/24 C 2 pris 24/ AC works 47 d Thu 88/24 Man 239/24 C 2 pris 24/ Marka 99 d Thu 88/24 Man 239/24 C 2 pris 23/ Arra 99 d Thu 88/24 Man 239/24 C 2 pris 23/ Arra 99 d Thu 88/24 Man 239/24 C 2 pris 23/ Arra 3 dThu 17/1024 St 19/1024 338 C 2 pris santary fittement Mork completion 2 d Thu 88/24 Man 239/24 C 2 pris santary fittement Yeis and and medical room after 12 d Tru 28/10/24 350 C 2 pris santary fittement Yeis and aning area and medical room after 12 d Tru 28/10/24 G 2 pris 23/ Mork completion 12 d Tru 8/8/24 Man 239/24 C 2 pris 23/ Cachorks 47 d Thu 8/8/24 Man 239/24 C 2 pris 23/ <td></td> <td>_</td> <td></td>		_										
4f d The Bil/24 Mon 23/9/24 C 2 Image: C 2 <	Sanitary Ittile	_		340					-		.6.5.1.1.	9
curical works 47 d The BR/24 Mon 230/24 C2 rike 27 AC works 47 d The BR/24 Mon 230/24 C2 rike 237 mibing and drainage works 47 d The BR/24 Mon 230/24 C2 rike 237 area 99 d The BR/24 Mon 230/24 C2 rike 237 area 99 d The BR/24 Mon 230/24 40023 30 C2 rike 237 area 30 d The 171/024 Sat 191/024 338 C2 rike sanitary fitmenti nistallation 3 d The 171/024 Sat 191/024 338 C2 rike realing area and medical room after KBM work Mork completion 12 d The 201/024 Sat 91/024									•		.6.5.1.1.	_
AC works 47 d Thu 8/8/24 Mon 239/024 C.2 orks 23/0 maining and drainage works 47 d Thu 8/8/24 Thu 14/11/24 C.2 orks 23/0 rana 99 d Thu 8/8/24 Thu 14/11/24 C.2 orks 23/0 reg main and trainage works 3 d Thu 17/10/24 Stil 19/10/24 338 40.55 C.2 sanitary fitment installation 3 d Thu 17/10/24 Stil 19/10/24 338 C.2 sanitary fitment installation in the fitte fi	· · ·	a de a							E&M		.6.5.1.2	
mbing and drainage works 47 d Thu 8/8/24 Mon 23/8/24 C 2 orks 23/ area 99 d Thu 8/8/24 Mon 23/8/24 C 2 orks 23/ F 39 d Mon 7/10/24 Thu 14/11/24 C 2 orks 23/ Intery fittment installation 3 d Thu 17/10/24 Tota 8/10/24 338 C 2 sailtary streng of the 58 M work 24 d Mon 7/10/24 Tota 8/10/24 338 C 2 sailtary streng of the 58 M work Mork Completion 12 d Thu 12/ Thu 12/ Thu 14/11/24 Tota 8/10/24 34955+10 d, 350 C 2 via streng area and medical room after 17/10/24 Tota 8/10/24 34955+10 d, 350 C 2 via streng area and medical room after 28 M work Mork Completion 12 d Thu 8/12/4 Thu 14/11/24 349 C 2 orks 23/ Mork Completion 56 Stm 10/11/24 Thu 14/11/24 349 C 2 orks 23/ Mork Completion 56 Stm 10/11/24 Thu 14/11/24 349 C 2 orks 23/ Mork Completion 56 Stm 10/11/24 Thu 14/11/24 C 2 orks 23/ Mork Completion 56 Stm 10/11/24 Thu 14/11/24 C 2 orks 23/ Mork											.6.5.1.2.	
area 99 d Thu 8/8/24 Thu 14/11/24 C2 F 39 d Afm 7/10/24 Statu 7/10/24<		_							MVAC works		.6.5.1.2.	
F 33 d Mon 7/10/24 Turu 14/11/24 C2 C2 https:/ftmetri.htsallation 3 d Thu 17/10/24 Turu 8/10/24 333 C2 natting area and medical room after EXM work 112 d Mon 7/10/24 Turu 8/10/24 Turu 8/10/24 349SS+10 d 350 C2 natting area and medical room after EXM work 112 d Thu Mon 348SS+10 d 350 C2 natting area and medical room after EXM work 112 d Thu 8/10/24 S at 91/11/24 349 351 C2 nyle sheet laying for office, waiting area and medical room after EXM work 112 d Thu 8/10/24 Turu 23/10/24 S at 91/11/24 349 351 C2 nyle sheet laying for office, waiting area and medical room after EXM work 112 d Thu 8/12/2 Thu 14/11/24 Thu 14/11/24 349 C2 price sheet laying for office, waiting area and medical room after EXM work 112 d Thu 8/12/2 Thu 14/11/24 Thu 14/11/24 349 C2 price sheet laying for office, waiting area and medical room after EXM work 112 d Thu 8/12/2 Thu 14/11/24 Thu 14/11/24 349 C2 price sheet laying for office, waiting area and medical room after EXM work 112 d Stat 16/24 Mon 23/0/24 C2 price sheet laying for office, waiting area and medical room after EXM work 112 d Stat 16/24 Mon 23/0/24 C2 price sheet laying for office, waiting area and medical room after EXM work <	DFRS 2.	Drks									.6.5.1.2.	-
nikary fittment 3 d Thu 17/10/24 3ta 19/10/24 3ta C2 sanitary fittment nikary fittment 2 d Mon 7/10/24 Tue 8/10/24 349SS+10 d 350 C2 naiting area and medical room after 12 d Mon 7/10/24 321/02/4 349SS+10 d 350 C2 naiting area and medical room after 12 d Tue 8/10/24 321/02/4 350 C2 naiting area and medical room after 12 d Tue 28/10/24 350 C2 naiting area and medical room after 12 d Tue 28/10/24 350 C2 naiting area and medical room after 12 d Tue 28/10/24 C2 nyle sheet laying for office, waiting area and medical room after 23/02/4 C2 nyle sheet laying for office, waiting area and medical room after 23/02/4 C2 nyle sheet laying for office, waiting area and medical room after 23/02/4 C2 nyle sheet laying for office, waiting area and medical room after 23/02/4 C2 nyle sheet laying for office, waiting area and medical room after 23/02/4 C2 nyle sheet laying for office, waiting area and medical room after 23/02/4 C2 nyle sheet laying for office, waiting area and medical room after 23/02/4 C2 nyle sheet laying for office, waiting area and medical room after 23/02/4 C2 nyle sheet laying for office, waiting area and medical room after 23/02/4 C2 nyle sheet laying room of the sheet laying room office, waiting area and medical room after 23/02/10/2/4 2									ice area		.6.5.2	_
ling setting out for EAM work 2 d Mon 7/10/24 Stat SS-10 d.357 C2 iting area and medical room after 17/10/24 Stat SS-10 d.357 C2 atting area and medical room after 17/10/24 Stat SS-10 d.357 C2 atting area and medical room after 28/M with completion. Vie sheet laying for office, waiting area and medical room after 12 d True 29/10/24 Stat 9/11/24/Stat 9/11/24/									ABWF		.6.5.2.1	_
ling instillation office, waiting area and medical room after 12 d Thu Mon 3485S+10 d 350 C2 niting area and medical room after vib work 5 dSun 10/11/24 Thu 3411/24 349 351 C2 niting area and medical room after 12 d Tue 29/10/24 Sate 9/11/24 349 351 C2 niting area and medical room after 12 d Tue 29/10/24 Sate 9/11/24 349 351 C2 niting area and medical room after 12 d Tue 29/10/24 Sate 9/11/24 349 351 C2 niting area and medical room after 12 d Tue 29/10/24 Sate 9/11/24 349 Sate 1 C2 niting area and medical room after 23/24 C2 orks 23/24 C2 Additional celling 0/10/24 1/0/24 1/0/24 C2 orks 23/24		_							-		.6.5.2.1.	
Mixed completion 11/1/10/24 28/10/24 velocities velocitie											.6.5.2.1.	
wjel sheit laying for office, waiting area and medical room after 12 dTue 29/10/24 Saft 9/11/24 349 351 C2 wjel sheet laying for office, waiting area and medical room after uch up work 5 dSun 10/11/24 Thu 14/11/24 350 C2 ofts 23 setrical works 47 d Thu 8/8/24 Mon 23/9/24 C2 ofts 23 e service works 47 d Thu 8/8/24 Mon 23/9/24 C2 ofts 23 e service works 47 d Thu 8/8/24 Mon 23/9/24 C2 ofts 23 unbing and drainage works 47 d Thu 8/8/24 Mon 23/9/24 C2 ofts 23 uitonal celling lights 47 d Thu 8/8/24 Mon 23/9/24 C2 ofts 23 uitonal celling lights 47 d Thu 8/8/24 Mon 23/9/24 C2 ofts 23 uitona celling lights 47 d Thu 8/8/24 Mon 23/9/24 C2 ofts 24 Additional celling inport ofts 23 Additional celling inport ofts 24	vaiting area and medical room after E&M wo	vaiting	C2	350	348SS+10 d			12 d		.:	.6.5.2.1.	9
uch up work 5 dS un 1011/24 Thu 14/11/24 350 C2 88 d Thu 8/8/24 Tue 29/10/24 Tue 29/10/24 C2 vetrical works 47 d Thu 8/8/24 Mon 239/24 C2 orks 23, ACC works 47 d Thu 8/8/24 Mon 239/24 C2 orks 23, e service works 47 d Thu 8/8/24 Mon 239/24 C2 orks 23, uihoing and drainage works 47 d Thu 8/8/24 Mon 239/24 C2 orks 23, ditional ceiling lights 21 d Wed 9/10/24 Tue 29/10/24 348 C2 orks 23, ting area (refuse collection chamber, horticultural ing area (refuse collect	nyle sheet laying for office, waiting area and	nvle sl	C2	351	3/0			12 d		1	.6.5.2.1.	0
B3 d Thu 8/8/24 Tue 2/10/24 C2 pris 23/2 A/C works 47 d Thu 8/8/24 Mon 23/9/24 C2 pris 23/2 A/C works 47 d Thu 8/8/24 Mon 23/9/24 C2 pris 23/2 a service works 47 d Thu 8/8/24 Mon 23/9/24 C2 pris 23/2 a service works 47 d Thu 8/8/24 Mon 23/9/24 C2 pris 23/2 a service works 47 d Thu 8/8/24 Mon 23/9/24 C2 pris 23/2 a service works 47 d Thu 8/8/24 Mon 23/9/24 C2 pris 23/2 a service works 21 d/Wed 9/10/24 Tue 29/10/24/348 C2 Mon 23/2 Additional celling 23/2 a fining finaching room, etc 5 d Mon 7/10/24 Mon 26/2 Additional celling 23/2 24/2 C2 floor finish (machinary room) 3 d Sat 12/10/24 C2 floor finish (machinary room) 3 d Sat 12/10/24 C2 floor 7/2				001							.6.5.2.1.	
setrical works 47 d Thu 8/8/24 Mon 23/9/24 C2 orks 23/ A/AC works 47 d Thu 8/8/24 Mon 23/9/24 C2 orks 23/ y/AC works 47 d Thu 8/8/24 Mon 23/9/24 C2 orks 23/ umbing and drainage works 47 d Thu 8/8/24 Mon 23/9/24 C2 orks 23/ ditional ceiling lights 21 d Wed 9/10/24 Tue 29/10/24 348 C2 orks 23/ ing area (refues collection chamber, horticultural ling area (refues collection chamber, horticultural ling area (refues collection namber, horticultural ling area (refues collection namalecling to the namber, horticultural ling are									E&M		.6.5.2.1	_
/AC works 47 d Thu 8/8/24 Mon 23/9/24 C.2 orks 23/ e service works 47 d Thu 8/8/24 Mon 23/9/24 C.2 orks 23/ ubing and drainage works 47 d Thu 8/8/24 Mon 23/9/24 C.2 orks 23/ ditional ceiling lights 21 d Wed 9/10/24 Tue 29/10/24 348 C.2 orks 23/ ubing area (refuse collection chamber, horticultural prey store room, etc 136 d St 1/6/24 Mon C.2 Additional ceiling refuse collection chamber, horticultural uch up work 3 d Sta 11/2/24 Mon C.2 Iffoor finish (machinary room) 5 d Mon 7/10/24 Fri 11/10/24 361 C.2 ffoor finish (machinary room) C2 ffoor finish (machinary room) C2 Iffoor finish (machinary room) C2 ffoor finish (machinary room) C2 Iffoor finish (machinary room) C2 <td< td=""><td>orks 2</td><td>orks</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>.6.5.2.2.</td><td></td></td<>	orks 2	orks									.6.5.2.2.	
e service works 47 d Thu 8/8/24 Mon 23/9/24 C2 prks 23/ umbing and drainage works 47 d Thu 8/8/24 Mon 23/9/24 C2 prks 23/ ditional celling lights 21 d Wed 9/10/24 Tue 29/10/24348 C2 prks 23/ ining area (refuse collection chamber, horticultural erry store room, etc 136 d Sat 10/10/24 Mon C2 Additional celling into 20 ining area (refuse collection chamber, horticultural erry store room, etc 136 d Sat 12/10/24 Mon 14/10/24 360 C2 C2 floor finish (machinary room) 5 d Mon 7/10/24 Fri 11/10/24 360 C2 floor finish (machinary room) 5 d Mon 7/10/24 Sat 28/9/24 C2 Touch vc/k 20 d Sat 16/24 Sat 28/9/24 C2 C2 Floor finish (machinary room) 5 d Mon 7/10/24 Sat 28/9/24 C2 Floor finish (machinary room) C2 <											.6.5.2.2.	
imbing and drainage works 47 d Thu 8/8/24 Mon 23/9/24 C2 orks 23/ ditional celling lights 21 d Wed 9/10/24 The 29/10/24 348 C2 Additional celling Additional celling ining area (refuse collection chamber, horticultural barry store room, etc 8 d Mon 7/10/24 Von 14/10/24 C2 C2 Index 14/024 Index 14/024		_							-		.6.5.2.2.	
ditional ceiling lights 21 d Wed 9/10/24 Tue 29/10/24348 C2 Additional ceiling lights ring area (refuse collection chamber, horticultural usery store room, etc 136 d Sat 1/6/24 Mon C2 C2 Additional ceiling lights rF 8 d Mon 7/10/24 Fin 1/10/24 Mon 14/10/24 360 C2 C2 floor finish (machinary room) use up work 3 d Sat 12/10/24 Mon 14/10/24 360 C2 C2 floor finish (machinary room) use up work 120 d Sat 1/6/24 Sat 28/9/24 C22 C2 floor finish (machinary room) use up work 120 d Sat 1/6/24 Sat 28/9/24 C22 C2 floor finish (machinary room) use torical works 120 d Sat 1/6/24 Sat 28/9/24 C22 C2 C2 C2 A/AC works 120 d Sat 1/6/24 Sat 28/9/24 C22 C2		_									.6.5.2.2.	
Ining area (refuse collection chamber, horticultural lery store room, etc 136 d Sat 1/6/24 Mon 1/10/24 Won 14/10/24 Mon 1/10/24 Won 14/10/24 C2 F 8 d Mon 7/10/24 Won 14/10/24 361 C2 floor finish (machinary room) 5 d Mon 7/10/24 Fi 11/10/24 Mon 14/10/2460 C2 uch up work 3 d Sat 12/10/24 Mon 14/10/2460 C2 floor finish (machinary room) 5 d Mon 7/10/24 Fi 11/10/24 Mon 14/10/2460 C2 bectrical works 120 d Sat 1/6/24 Sat 28/9/24 C2 floor finish (machinary room) C2 vectrical works 120 d Sat 1/6/24 Sat 28/9/24 C2 C2 floor finish (machinary room) ubic quad drainage works 120 d Sat 1/6/24 Sat 28/9/24 C2 C2 Floor finish (machinary room) 62 d Sat 1/6/24 Sat 28/9/24 C2 Sat 28/9/24 C2 C2 Floor finish (machinary room) blocks installation 120 d Sat 1/6/24 Sat 28/9/24 C2 C2 C2 Floor finish (machinary room) Floor finish (machinary room) using and drainage works 120 d Sat 1/6/24 Sat 28/9/24 C2 C2 C2 C2 Floor finish (machinary room) Floor finish (machinary room) Floor finish (machinary room) Floor finish (machinary room) Floor finish (machinar											.6.5.2.2.	
14/10/24 F 8 d Mon 7/10/24 Won 14/10/24 C2 floor finish (machinary room) 0 finish (machinary room) 3 d Sat 12/10/24 Mon 14/10/24360 C2 floor finish (machinary room) uch up work 3 d Sat 12/10/24 Mon 14/10/24360 C2 floor finish (machinary room) uch up work 3 d Sat 16/24 Sat 28/9/24 C2 A/C works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC books installation 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC books installation 30 d Tue 17/9/24 Nud 14/11/24 2 C2 /AC boor //10/24 Mod 10/					10-10						.6.5.3	
F 8 d Mon 7/10/24 Won 14/10/24 C2 or finish (machinary room) 5 d Mon 7/10/24 Fri 11/10/24 360 C2 uch up work 3 d Sat 12/10/24 Kri 11/10/24 360 C2 120 d Sat 1/6/24 Sat 28/9/24 C2 ectrical works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /Ac works 120 d Sat 1/6/24 Sat 28/9/24 C2 /a sat 1/6/24 Sat 28/9/24			02				Sat 1/0/24	150 u	- · · ·		.0.3.5	0
bi chinary room) 5 d Mon 7/10/24 Fri 11/10/24 361 C2 floor finish (machinary room) 3 d Sat 12/10/24 Mon 14/10/24360 C22 floor finish (machinary room) 120 d Sat 1/6/24 Sat 28/9/24 C22 ACC 24 A			C2		4		Mon 7/10/24	8 d	ABWF		.6.5.3.1	9
uch up work 3 d Sat 12/10/24 Mon 14/10/24360 C2 Touch 120 d Sat 16/24 Sat 28/9/24 C2 ectrical works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 imbing and drainage works 120 d Sat 1/6/24 Sat 28/9/24 C2 imbing and drainage works 120 d Sat 1/6/24 Sat 28/9/24 C2 6 59 d Tue 17/9/24 Thu 14/11/24 C2 blocks installation 30 d Tue 17/9/24 Sto 1/6/24 Sat 28/9/24 C2 6 59 d Tue 17/9/24 Nu 14/11/24 C2 Paving blocks installation n; drinking fountain and cleansing pipes installation 21 d Mon 7/10/24 Sat 14/9/24 Sat 14/9/24 C2 ay construction 5 d 50 d Sat 14/9/24 Sat 21/1/24 C2 Iallation to drawpits (assume matching cover or 30 d Sat 14/9/24 Sat 14/9/24 Sat 14/9/24 Sat 14/9/24 Sat 14/9/24 Sat 14/9/24 Sat 1	floor finish (machinary			361		Fri 11/10/24	Mon 7/10/24	5 d	floor finish (machinary room)		.6.5.3.1.	
120 dSat 1/6/24Sat 28/9/24C2Actival works120 dSat 1/6/24Sat 28/9/24C2/AC works120 dSat 1/6/24Sat 28/9/24C2/AC works120 dSat 1/6/24Sat 28/9/24C2/a star 1/6/24Sat 28/9/24C2C2/a star 1/6/24Sat 28/9/24C2/a star 1/6/24Sat 28/9/24C2/a star 1/6/24Sat 21/9/24Sat 21/1/24C2/a star 1/6/24Sat 21/9/24Sat 21/9/24C2/a star 1/6/24Sat 21/9/24Sat 21/9/24C2/a star 1/6/24Sat 21/9/24Sat 21/9/24C2	Тоис								Touch up work		.6.5.3.1.	
actrical works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 /AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 imbing and drainage works 120 d Sat 1/6/24 Sat 28/9/24 C2 62 d Sat 1/6/24 Sat 28/9/24 C2 62 d Sat 1/6/24 Thu 14/11/24 2 62 d Sat 1/6/24 Thu 14/11/24 2 63 d Tue 17/9/24 Thu 14/11/24 C2 blocks installation 30 d Tue 17/9/24 Ved 16/10/24 370SS+20 d,375SS,C2 paving blocks installation 21 d Mon 7/10/24 Sun 27/10/24369SS+20 d C2 ing cover installation to drawpits (assume matching cover installation to drawpits (assume matching cover installation to drawpits (assume matching cover 16 d Wed 30/10/24 Thu 11/10/24 Sun 27/10/24369S C2 ay construction 39 d Sat 21/9/24 Tue 29/10/24 C2 allation to drawpits (assume matching cover 16 d Wed 30/10/24 Sat 21/9/24 Tue 8/10/24 369SS S76 C2 ay construction 39 d Sat 21/9/24 Tue 8/10/24 369SS S76 C2 ench Installation (6 nos with footing.) vay construction 21 d Wed 9/10/24 Tue 29/10/24 375 378SS C2 Ench Installation (6 nos with footing.) walkway construction									E&M	2	.6.5.3.2	2
/AC works 120 d Sat 1/6/24 Sat 28/9/24 C2 e service works 120 d Sat 1/6/24 Sat 28/9/24 C2 umbing and drainage works 120 d Sat 1/6/24 Sat 28/9/24 C2 62 d Sat 1/6/24 Sat 28/9/24 C2 C2 6 59 d Tue 17/9/24 Thu 14/11/24 C2 6 59 d Tue 17/9/24 Thu 14/11/24 C2 6 59 d Tue 17/9/24 Thu 14/11/24 C2 6 0 d Tue 17/9/24 Thu 14/11/24 C2 paving blocks installation n, crinking fountain and cleansing pipes installation 5 d Tue 17/10/24 369 C2 nos. lighting poles and 31 nos. bollard installation ng cover installation to drawpits (assume matching cover 16 d Wed Thu 11/1/24 C2 ay construction 39 d Sat 21/1/24 Sat 21/1/24 C2 ench Installation (6 nos with footing.) walk Sat 21/10/24 370SS 5 C2 ench Installation (6 nos with footing.) walkway construction ad Concrete Bench Installation (6 nos with footing.) 18 d Sat 21/10/24 Tue 29/		-							Electrical works		.6.5.3.2.	_
e service works 120 d Sat 1/6/24 Sat 28/9/24 C2 imbing and drainage works 120 d Sat 1/6/24 Sat 28/9/24 C2 62 d Sat 1/6/24 Sat 28/9/24 C2 C2 63 d 59 d Tue 17/9/24 Thu 14/11/24 C2 64 d Tue 17/9/24 Thu 14/11/24 C2 Paving blocks installation 1ighting poles and 31 nos. bollard installation 30 d Tue 17/9/24 370SS+20 d,375SS,C2 Paving blocks installation n; drinking fountain and cleansing pipes installation 5 d Thu 17/10/24 369SS+20 d C2 rigation; drinking fountain and cleansing pipes and 31 nos. bollard installation n; dronking fountain and cleansing pipes installation 5 d Sta 21/9/24 Thu 11/24 C2 ay construction 50 d Sat 21/9/24 Tue 29/10/24 C2 rigation; drinking fountain and cleansing pipes ad Concrete Bench Installation (6 nos with footing.) 18 d Sat 21/9/24 Tue 8/10/24 369SS 376 C2 op Access Removal / Formation work 5 d Wed 9/10/24 Thu 31/10/24 375 378SS C2 rench Installation (6 nos with footing.) walk weg 49/10/24 Tue 29/10/24 376SS 379		_							MVAC works		.6.5.3.2.	
Aumbing and drainage works120 dSat 1/6/24Sat 28/9/24C262 dSat 14/9/24Thu 14/11/242C2659 dTue 17/9/24Thu 14/11/24C2blocks installation30 dTue 17/9/24Wed 16/10/24370SS+20 d,375SS,C2lighting poles and 31 nos. bollard installation21 dMon 7/10/24Sun 27/10/24369SS+20 dC2n; drinking fountain and cleansing pipes installation5 dThu 17/10/24Sun 27/10/24369SC2g cover installation to drawpits (assume matching cover to site mid Oct)16 dWed 30/10/24Thu 14/11/24C2ad Construction39 dSat 21/9/24Tue 8/10/24376SSC2ench Installation (6 nos with footing.)way construction21 dWed 9/10/24Tue 8/10/24376SSC2ench Installation (6 nos with footing.)to pe23 dWed 9/10/24Tue 3/10/24/37SS379C2Temp Access Removal / Formation		_							Fire service works		.6.5.3.2.	
62 d Sat 14/9/24 Thu 14/11/242C2659 d Tue 17/9/24 Thu 14/11/24C2blocks installation30 d Tue 17/9/24 Thu 14/11/24370SS+20 d,375SS C2paving blocks installation21 d Mon 7/10/24 Sun 27/10/24369SS+20 dC2ighting poles and 31 nos. bollard installation21 d Mon 7/10/24 Sun 27/10/24369SS+20 dC2igg cover installation to drawpits (assume matching cover to site mid Oct)16 dWed 30/10/24Thu 14/11/24C2igg cover installation to drawpits (assume matching cover to site mid Oct)16 dWed 30/10/24Thu 14/11/24C2igg cover installation to drawpits (assume matching cover to site mid Oct)18 d Sat 21/9/24 Tue 29/10/24C2igg cover installation (6 nos with footing.)18 d Sat 21/9/24 Tue 29/10/24376SC2igg cover installation (6 nos with footing.)18 d Sat 21/9/24 Tue 29/10/24 35S376C2igg cover installation (6 nos with footing.)18 d Sat 21/9/24 Tue 29/10/24 35S378SC2igg cover installation (6 nos with footing.)18 d Sat 21/9/24 Tue 29/10/24 35S378SC2igg cover installation (6 nos with footing.)21 d Wed 9/10/24 Tue 29/10/24 35S378SC2igg cover installation (6 nos with footing.)21 d Wed 9/10/24 Tue 29/10/24 35S379C2igg cover installation (6 nos with footing.)21 d Wed 9/10/24 Tue 29/10/24 35S379C2igg cover installation (6 nos with footing.)21 d Wed 9/10/24 Tue 29/10/24 35S379C2igg cover installation (6 nos with footing.)21 d Wed 9/		_									.6.5.3.2.	
659 d Tue 17/9/24 Thu 14/11/24C2blocks installation30 d Tue 17/9/24 //ed 16/10/24370SS+20 d,375SS, C2paving blocks installationlighting poles and 31 nos. bollard installation21 d Mon 7/10/24 Sun 27/10/24 369SS+20 dC2nos. lighting poles and 31 nos. bollard installationn; drinking fountain and cleansing pipes installation5 d Thu 17/10/24 Mon 21/10/24 369C2rigation; drinking fountain and cleansing pipeng cover installation to drawpits (assume matching cover to site mid Oct)16 dWed 30/10/24Thu 14/11/24C2allation to drawpits (assume matching cover 30/10/24dd Concrete Bench Installation (6 nos with footing.)18 d Sat 21/9/24Tue 8/10/24 369SS376C2ench Installation (6 nos with footing.)vay construction21 d Wed 9/10/24 Tue 29/10/24 375378SSC2with footing.)with footing.)o Access Removal / Formation work5 d Wed 9/10/24 Sun 13/10/24 376SS379C2Temp Access Removal / Formation				2					. 6		.7	_
blocks installation 30 d Tue 17/9/24 Ned 16/10/24 370SS+20 d,375SS,C2 paving blocks installation lighting poles and 31 nos. bollard installation 21 d Mon 7/10/24 Sun 27/10/24 369SS+20 d C2 nos. lighting poles and 31 nos. bollard installation n; drinking fountain and cleansing pipes installation 5 d Thu 17/10/24 Won 21/10/24 369S C2 rigation; drinking fountain and cleansing pipes and 31 nos. bollard installation; drinking fountain and cleansing pipes ng cover installation to drawpits (assume matching cover 16 d Wed Thu C2 rigation; drinking fountain and cleansing pipes dscaping works 50 d Sat 14/9/24 Sat 2/11/24 C2 ench Installation (6 nos with footing.) ad Concrete Bench Installation (6 nos with footing.) 18 d Sat 21/9/24 Tue 8/10/24 375 378SS C2 ench Installation (6 nos with footing.) with footing.) op Access Removal / Formation work 5 d Wed 9/10/24 Sun 13/10/24 376SS 379 C2 Temp Access Removal / Formation									no. 6	-	.7.1	
lighting poles and 31 nos. bollard installation21 d Mon 7/10/24 Sun 27/10/24 369SS+20 dC2nos. lighting poles and 31 nos. boll ard installationn; drinking fountain and cleansing pipes installation5 d Thu 17/10/24 Won 21/10/24 369SS+20 dC2rigation; drinking fountain and cleansing pipesng cover installation to drawpits (assume matching cover16 d WedThuC2tallation to drawpits (assume matching cover of 30/10/24dscaping works50 d Sat 14/9/24Sat 2/11/24C2tallation to drawpits (assume matching cover of 30/10/24ag construction39 d Sat 21/9/24Tue 29/10/24C2ad Concrete Bench Installation (6 nos with footing.)18 d Sat 21/9/24Tue 8/10/24 369SS18 d Sat 21/9/24Tue 29/10/24 375378SSC2way construction21 d Wed 9/10/24Tue 29/10/24 376SSop Access Removal / Formation work5 d Wed 9/10/24 Sun 13/10/24 376SS379C2Temp Access Removal / Formation work5 d Wed 9/10/24 Sun 13/10/24 376SS379C2	paving blocks installation			370SS+20 d 375S							.7.1.1	_
in; drinking fountain and cleansing pipes installation 5 d Thu 17/10/24 Mon 21/10/24 369 C2 rigation; drinking fountain and cleansing pipes in; drinking fountain and cleansing pipes installation to drawpits (assume matching cover 16 d Wed Thu C2 rigation; drinking fountain and cleansing pipes ing cover installation to drawpits (assume matching cover 16 d Wed Thu C2 allation to drawpits (assume matching cover of 30/10/24 14/11/24 C2 allation to drawpits (assume matching cover of 30/10/24 14/11/24 C2 allation to drawpits (assume matching cover of 30/10/24 14/11/24 C2 allation to drawpits (assume matching cover of 30/10/24 14/11/24 C2 allation to drawpits (assume matching cover of 30/10/24 14/11/24 C2 allation to drawpits (assume matching cover of 30/10/24 allation (6 nos with footing.) 18 d Sat 21/9/24 Tue 29/10/24 369SS 376 C2 ench Installation (6 nos with footing.) walkway construction way construction 21 d Wed 9/10/24 Tue 29/10/24 375 378SS C2 ench Installation (6 nos with footing.) walkway construction tope 23 d Wed 9/10/24 Tue 3/10/24 376SS 379 C2 Temp Access Removal / Formation to Access Removal / Formation work		nos. I									.7.1.2	
In g cover installation to drawpits (assume matching cover of to site mid Oct) 16 d Wed 30/10/24 Thu 14/11/24 C2 Itallation to drawpits (assume matching cover of 30/10/24 It											.7.1.3	
to site mid Oct) 30/10/24 14/11/24 Image: Construction of the stallation (6 nos with footing.) 50 d Sat 14/9/24 Sat 2/11/24 C2 ay construction 39 d Sat 21/9/24 Tue 29/10/24 C2 Image: Construction of the stallation (6 nos with footing.) 18 d Sat 21/9/24 Tue 8/10/24 369SS 376 C2 Image: Construction of the stallation (6 nos with footing.) Image: Construction of the stallation (6 nos with footing.) 18 d Sat 21/9/24 Tue 8/10/24 375 378SS C2 Image: Construction of the stallation (6 nos with footing.) Image: Construction of the stallation of the stallatio of the stallation of the stallation of t		_			1000						.7.1.4	
dscaping works 50 d Sat 14/9/24 Sat 2/1/24 Sat 2/1/24 C2 Less as a construction Add Sat 21/9/24 Tue 29/10/24 Tue 29/10/24 Sat 2/1/24			02					10 0	iver to site mid Oct)			-
And Concrete Bench Installation (6 nos with footing.) 18 d Sat 21/9/24 Tue 8/10/24 369SS 376 C2 way construction 21 d Wed 9/10/24 Tue 29/10/24375 378SS C2 lope 23 d Wed 9/10/24 Thu 31/10/24 C2 D Access Removal / Formation work 5 d Wed 9/10/24 Sun 13/10/24 376SS 379 C2 Temp Access Removal / Formation			C2			Sat 2/11/24	Sat 14/9/24	50 d	landscaping works		.7.2	3
way construction 21 d Wed 9/10/24 Tue 29/10/24 375 378SS C2 walkway construction lope 23 d Wed 9/10/24 Thu 31/10/24 C2 C2 C2 o Access Removal / Formation work 5 d Wed 9/10/24 Sun 13/10/24 376SS 379 C2 Temp Access Removal / Formation			C2		1	Tue 29/10/24	Sat 21/9/24	39 d	Ikway construction		.7.2.1	4
way construction 21 d Wed 9/10/24 Tue 29/10/24 375 378SS C2 walkway construction lope 23 d Wed 9/10/24 Thu 31/10/24 C2 C2 C2 o Access Removal / Formation work 5 d Wed 9/10/24 Sun 13/10/24 376SS 379 C2 Temp Access Removal / Formation	ench Installation (6 nos with footing.)	Bench	C2	376					loned Concrete Bench Installation (6 nos with footing.)		.7.2.1.1	5
Lope 23 d Wed 9/10/24 Thu 31/10/24 C2 D Access Removal / Formation work 5 d Wed 9/10/24 Sun 13/10/24 376SS 379 C2									valkway construction		.7.2.1.2	
b Access Removal / Formation work 5 d Wed 9/10/24 Sun 13/10/24 376SS 379 C2 Temp Access Removal / Formation									p/Slope		.7.2.2	
	Temp Access Removal / Formation			379					emp Access Removal / Formation work		.7.2.2.1	
ing Concrete 1 dMon 14/10/24Mon 14/10/24378 380 C2 Blindin			C2		4378	Mon 14/10/24	Mon 14/10/24	1 d	Blinding Concrete		.7.2.2.2	

Page 7 of 12

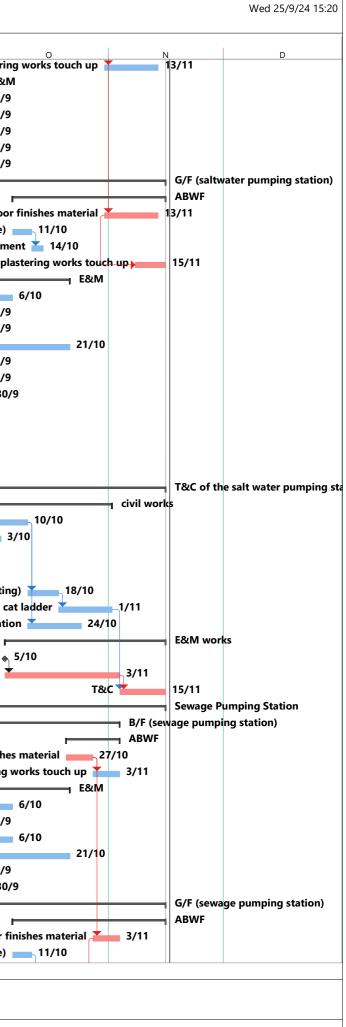


1	Task	Successors	Predecessors	Finish	Start	Duration 9		Name	Т	W
A Step/Slope Construction (2 nos. inclu	Calendar C2	381SS+10 d	379	Mon 28/10/24	ue 15/10/24	14 d	de finishina)	Step/Slope Construction (2 nos.	.2.3	1.
	C2	382SS	380SS+10 d				57	Hand Rail Installation	.2.4	_
	C2			Thu 31/10/24				E&M lighting	.2.5	
	C2		1	Mon 28/10/24	Sat 14/9/24	45 d		Rain Shelter (2 nos)	.3	_
Excavation 18/9	C2	385		Wed 18/9/24				Excavation	.3.1	_
Footing Construction	C2	386		Mon 30/9/24				Footing Construction	.3.2	_
Frame Installatio	C2	387		Ned 16/10/24				Frame Installation	.3.3	_
Ber	C2			Mon 28/10/24	hu 17/10/24	12 d		Bench installation	.3.4	_
	C2			Sat 2/11/24	Ned 2/10/24	32 d	pped staircase	Honed concrete S24, S25 and the		1.
Honed concrete S24, S	C2	392,390		Sat 19/10/24	Ned 2/10/24	18 d		Honed concrete S24, S25	.4.1	1.
	C2	-	389	Sat 2/11/24	Sun 20/10/24	14 d		stepped staircase	.4.2	1.
	C2			Sat 2/11/24	Sun 20/10/24	14 d S		Soft landscaping works		1.
soil mixing an	C2		389	Sat 2/11/24	Sun 20/10/24	14 d		soil mixing and planting works	.1	1.
	C2			Wed 6/11/24	Mon 30/9/24	38 d		E&M works		1.
	C2			Wed 6/11/24	Mon 30/9/24	38 d		1 no. pillar box	.1	1.
plint	C2	396		Mon 7/10/24				plinth	.1.1	_
pillar box inst	C2		395	Wed 6/11/24				pillar box installation	.1.2	_
	C2			Ned 30/10/24				Elevated Landscape deck		1.
	C2		1	Ned 30/10/24	Thu 19/9/24	42 d		Landscaping works		1.
planting works	C2	400			Thu 19/9/24			planting works	.1.1	
AGT installation (include subbase		401FF,402FF,403		Tue 22/10/24				AGT installation (include subbase	.1.2	_
seating bench ins	C2	,,		Tue 22/10/24				seating bench installation	.1.3	_
3 nos. of pillar bo	C2			Tue 22/10/24				3 nos. of pillar boxes	.1.4	_
bollard and lightin	C2			Ned 30/10/24				bollard and lighting installation	.1.5	_
_	C2	2		Fri 15/11/24				Area nos. 7 to 9	. 1.0	1.
	C2	-		Fri 25/10/24				EVA		1.
EVA no. 7	C2				Ned 12/6/24			EVA no. 7		1.
ning utilities					Ned 12/6/24			Remaining utilities	 .1.1	_
ing utilities	C2 /7	410			Ned 12/6/24		into transformer room	CLP 11KV cabling from EVA n	.1.1.1	_
Road works	C2	-10			Sat 27/7/24			Road works	.1.2	_
13/8	C2	411,412	109	Tue 13/8/24				Formation of the EVA	.1.2.1	_
ying 22/8		411,412		Thu 22/8/24				subbase laying	.1.2.2	_
base 18/8		413		Sun 18/8/24				road base	.1.2.2	_
g blocks 8/9	-	415		Sun 8/9/24				Paving blocks	.1.2.4	_
	C2			Fri 25/10/24				EVA no. 8		1.
	C2			Sat 21/9/24				Remaining underground service	.2 .2.1	_
oumping station complete)		418		Sat 21/9/24 Sat 21/9/24			and window installation of	u-channel construction (after lo	.2.1.1	_
	02 101	410		3al 2 1/9/24	1110 12/9/24	10 u		external wall of pumping statio	.2.1.	1.
	C2			Fri 25/10/24	Sun 22/9/24	34 d		Roadworks	.2.2	1.
mporary road construction for FSI 📥			416	Wed 25/9/24			51	Temporary road construction f	.2.2.1	
	C2			Fri 25/10/24	Tue 8/10/24	18 d		permanent EVA	.2.2.2	1.
For	C2	421		Fri 11/10/24				Formation	.2.2.2	_
subbase laying combine with the	C2	422		Tue 15/10/24			road base	subbase laying combine with	.2.2.2	1.
	C2			Fri 25/10/24				paving blocks	.2.2.2	
	C2			Thu 10/10/24	Thu 19/9/24	22 d		EVA no. 9		1.
	C2			Thu 10/10/24				Roadworks	.3.1	_
formation of EVA	C2	426		Tue 24/9/24				formation of EVA	.3.1.1	_
e laying combine with the road base		427		Sat 28/9/24			ad base	subbase laying combine with t	.3.1.2	_
paving blocks	C2			Thu 10/10/24				paving blocks	.3.1.3	_
	C2			Fri 15/11/24				Pumping station		1.
	C2			Fri 15/11/24				Structure		1.
	C2			Fri 15/11/24				Basement to G/F	.1.1	
	C2			Fri 15/11/24				Saltwater Pumping Station	.1.1.1	_
				Ned 13/11/24			0	B/F (saltwater pumping station	.1.1.1	_
					SAL INVILT	100 0		an journator pumping st		
	C2				lon 21/10/24	24 d			111	1.
Apply floo	C2 C2	435 444		Ned 13/11/24			7	ABWF	. 1.1.1	
Apply floo	C2	435,444							2.1.1.1 2.1.1.1	

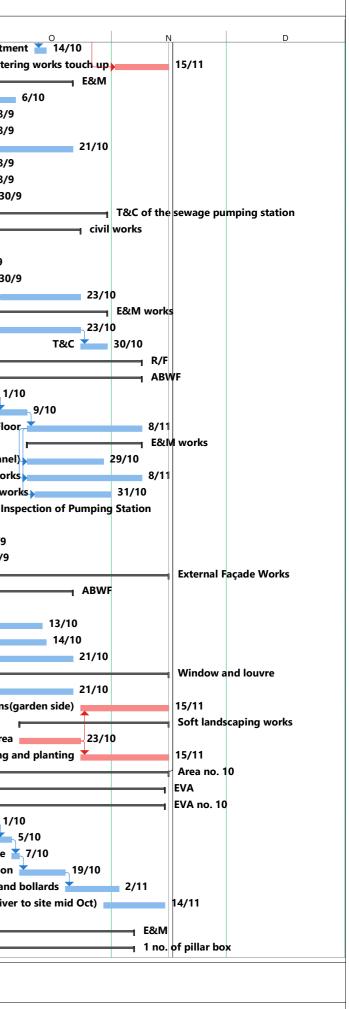


Wed 25/9/24 15:20

		L	-			-	Jramme Rev 16C	L_		
	WBS	Task Name	Duration	Start	Finish	Predecessors	Successors	Task Calendar	A	1
135	1.8.2.1.1.1	Paint / plastering works touch up	14 0	d Thu 31/10/24	4Ned 13/11/2	4434		C2	Paint /	
	1.8.2.1.1.1				Sat 28/9/24			C2		-
	1.8.2.1.1.1				Sat 28/9/24			C2		-
	1.8.2.1.1.1				Sat 28/9/24			C2		
9	1.8.2.1.1.1	Fire service works	120 0	d Sat 1/6/24	Sat 28/9/24			C2		
0	1.8.2.1.1.1		120 0	d Sat 1/6/24	Sat 28/9/24			C2		-
	1.8.2.1.1.1	o o	120 0	d Sat 1/6/24	Sat 28/9/24			C2		-
2	1.8.2.1.1.1	G/F (saltwater pumping station)	176 (d Fri 24/5/24	Fri 15/11/24	L .		C2		+
3	1.8.2.1.1.1	ABWF	40 (d Mon 7/10/24	4 Fri 15/11/24	L .		C2		
4	1.8.2.1.1.1	Apply floor finishes material	14 0	d Thu 31/10/24	4Ned 13/11/2	4434	447SS+8 d	C2	A	ply
5	1.8.2.1.1.1	Toilet fitting out works(wall& floor tile)	5 (d Mon 7/10/24	4 Fri 11/10/24		446	C2	Toilet fitting out works(wall& f	loor t
5	1.8.2.1.1.1	sanitary fitment	3 (d Sat 12/10/24	4 Mon 14/10/2	4445		C2	san	itary
7	1.8.2.1.1.1	Paint / plastering works touch up	8 (d Fri 8/11/24	Fri 15/11/24	444SS+8 d		C2		Paint
3	1.8.2.1.1.1	E&M	151 0	Fri 24/5/24	Mon 21/10/2	4		C2		
)	1.8.2.1.1.1	MVAC works	128 (d Sat 1/6/24	Sun 6/10/24			C2		
	1.8.2.1.1.1				Sat 28/9/24			C2		
	1.8.2.1.1.1				Sat 28/9/24			C2		
	1.8.2.1.1.1				Mon 21/10/2			C2		
	1.8.2.1.1.1				Sat 28/9/24			C2		-
	1.8.2.1.1.1	6 5			Sat 28/9/24			C2		
								C2	T&C (for FSI)	
	1.8.2.1.1.1				4 Mon 30/9/24				G/F Transformer Roo	
	1.8.2.1.1.1				Mon 26/8/24			C2	• •	om
	1.8.2.1.1.1				Mon 26/8/24			C2	E&M	
3	1.8.2.1.1.1		0 0	d Thu 16/5/24	Thu 16/5/24		459	C2		
	100111	certificate issued)	102	Thu 10/5/04	Man 26/0/2/	450		<u></u>	26/8	
	1.8.2.1.1.1	5			Mon 26/8/24			C2	20/0	
	1.8.2.1.1.1				4 Fri 15/11/24			C2		
	1.8.2.1.1.1				4 Fri 1/11/24		101.100	C2		
	1.8.2.1.1.1				4 Thu 10/10/24		464,466	C2	e defects remain from Richwell	
3	1.8.2.1.1.1	3m x 3m x 7m mass concrete fill at the end of intake culvert (WSD's comment) (5 days working platform > days formwork of 1st pour > 1 day concreting > 4 days formwork for 2nd pour > 1 day concreting	4	d Mon 16/9/24	1 Thu 3/10/24			C2	rk for 2nd pour > 1 day concreting	
1	1.8.2.1.1.1		8 (d Fri 11/10/24	Fri 18/10/24	462	465	C2	rc landing (formwork 7d > 1d	concr
	1.8.2.1.1.1				4 Fri 1/11/24		470	C2		
	1.8.2.1.1.1				Thu 24/10/24			C2	defects	rectifi
	1.8.2.1.1.1				Fri 15/11/24			C2		
	1.8.2.1.1.1				Sat 5/10/24		469	C2		
	1.8.2.1.1.1				Sun 3/11/24		470	C2	E&M	l wor
	1.8.2.1.1.1				Fri 15/11/24		410	C2	_	
	1.8.2.1.1.2				Fri 15/11/24			C2		
	1.8.2.1.1.2				Sun 3/11/24			C2		
	1.8.2.1.1.2				4 Sun 3/11/24		475.405	C2	Angle fla	
	1.8.2.1.1.2				4Sun 27/10/24		475,485	C2	Apply flo	
	1.8.2.1.1.2				4 Sun 3/11/24			C2	Paint / p	laster
5	1.8.2.1.1.2				Mon 21/10/2			C2		
<u> </u>	1.8.2.1.1.2	MVAC works	128 (d Sat 1/6/24	Sun 6/10/24			C2		
;	1.8.2.1.1.2	Electrical works	128 0	d Fri 24/5/24	Sat 28/9/24			C2		
	1.8.2.1.1.2	Fire service works	128 (d Sat 1/6/24	Sun 6/10/24			C2		-
	1.8.2.1.1.2	Mechanical works	82 0	d Thu 1/8/24	Mon 21/10/2	4		C2		
	1.8.2.1.1.2	Plumbing and drainage works	120 (d Sat 1/6/24	Sat 28/9/24			C2		
	1.8.2.1.1.2		15 0	d Mon 16/9/24	4 Mon 30/9/24	ł		C2	T&C	
3	1.8.2.1.1.2	G/F (sewage pumping station)	176 (Fri 24/5/24	Fri 15/11/24	L		C2		
	1.8.2.1.1.2				4 Fri 15/11/24			C2		
	1.8.2.1.1.2				4 Sun 3/11/24		488SS+5 d	C2	app	oly flo
	1.8.2.1.1.2				4 Fri 11/10/24		487	C2	Toilet fitting out works(wall& f	-
	1.0.2.1.1.2		50		11111/10/24		407	02	Tonet itting out itonis(italica	
		Task Summary	Start-c	only C	Cr	itical	Pr	ogress		
٩le	eration Prog	ramme Rev 16C								



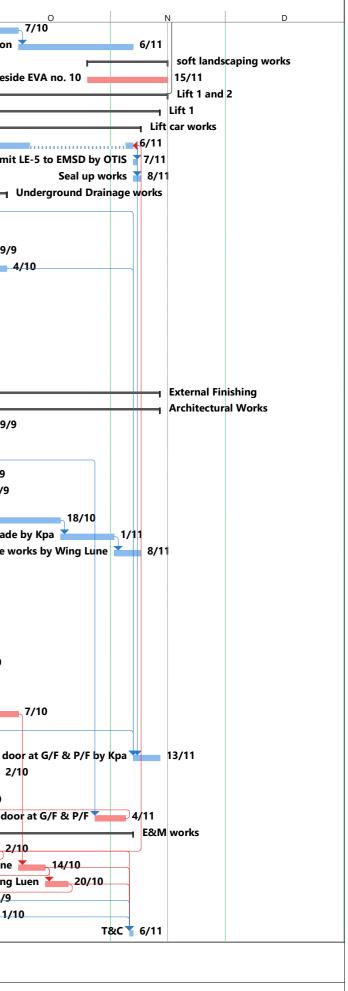
197 12.1.1.2 TaC of the saving pumping station 56 dWod 11922 Med 2310702/ C2 199 18.2.1.1.1 cat landle installation 10 dWod 11922 Med 231072/4 500 C2 199 18.2.1.1.2 cat landle installation 10 dWod 11922 Med 23992/4 Mon 309124 500 5045S C2 100 18.2.1.1.2 expoxy paint on botiom of wet well 5 d Th 2092/4 Mon 309124 500 5045S C2 101 18.2.1.1.2 expoxy paint on botiom of wet well 5 d Th 2092/4 Mon 309124 500 C2 C2 102.1.1.2 EAM works 28 d Th 2052/4 Mod 301022500 C2 C2 102.1.1.2 EAM works 28 d Th 2052/4 Mod 301022500 C2 C2 102.1.1.2 FIF 40 d Mon 30924 Fit 311124 C2 C2 C2 102.1.2 FIF 40 d Mon 30924 Fit 311124 C2 C3 C3 C2 C3 C3 <t< th=""><th></th><th></th><th>Task</th><th>Successors</th><th>UIS </th><th>Predecesso</th><th>Fini</th><th>Start</th><th></th><th>Duration</th><th></th><th></th><th>Task Name</th><th>/BS</th><th></th></t<>			Task	Successors	UIS	Predecesso	Fini	Start		Duration			Task Name	/BS	
III 14 d Bit 21:12 Paint / Industring works bunch up 14 d Bit 21:17 Compo III 12:12 EMM 12:04 Stat 107-24 (53:85)-54 CC2 IIII 12:04 Stat 107-24 (53:85)-54 CC2 CC2 IIIII EMMAD 12:04 Stat 107-24 (53:85)-54 CC2 CC2 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	s san	r A				14/10/24486	4 Mo	Sat 12/10/24	3 d			sanitary fitment		82112	87
Bit 25.11.1 EAM 151 d F1 24.27.2 Von 24 C2 01 5.2.1.1 Electrical works 12.2 d F1 24.27.2 C2 C2 01 5.2.1.1 F1 sectrical works 12.8 d F1 24.67.2 St 28.07.4 C2 01 5.2.1.1 F1 sectrical works 12.8 d F1 24.67.2 St 28.07.4 C2 01 5.2.1.1 Pumbring and dramage works 12.0 d St 10.24.2 St 200.24 C2 01 5.2.1.1 TA C (for F3) 15.0 d Med 100.24.Mic 200.24 C2 C2 TC (for 7.8) 01 5.2.1.1 Cast Index 1 St 10.02.4 St 20.02.4 C2 C2 TC (for 7.8) 01 5.2.1.1 Cast Index 1 St 10.02.4 St 20.02.4 St 20.02.4 C2 C4 01 5.2.1.1 worken gulation chemotities 5.0 d St 10.02.4 St 50.502.57.7 C2 C2 C4 01 5.2.1.1 EAM works 2.0 d Thu 200.24 Mod 200.250.05 St 50.502.57.7 C2 C2 C4 C2 C4 C4 C4 C4 C4 <t< td=""><td>Pain</td><td></td><td></td><td></td><td>5 d</td><td></td><td></td><td></td><td></td><td></td><td>up</td><td>•</td><td></td><td></td><td></td></t<>	Pain				5 d						up	•			
III 1.1.1.1.2 MMAC works 128 d Str. 10/24 Sup 01/024 C.2.1 III 3.2.1.1.2 File service works 128 d Fil 245465 Sta 2580/24 C.2.1 IIII 3.2.1.1.2 File service works 128 d Fil 124562 Sta 2580/24 C.2.1 IIII 3.2.1.1.2 Mechanical works 120 d Sta 110/24 Sta 2580/24 C.2.1 IIII 3.2.1.1.2 Humbing and drainage works 120 d Sta 110/24 Sta 2580/24 C.2.2 IIII 3.2.1.1.2 TASC (for FSI) 55 d Meri 1637/24 Meri 3060/24 C.2.2 IIII 3.2.1.1.2 TASC (for FSI) 56 d Meri 1180/24 Sta 200/24 C.2.2 IIII 3.2.1.1.2 and labeler installation 56 d Sta 21/02/24 C.2.2 IIII 3.2.1.1.2 and labeler installation 56 d Sta 21/02/24 SC.2.2 C.2.1 ddwr installation IIII 3.2.1.1.2 and labeler installation 56 d Sta 21/02/24 Meri 200/24/04 Sta 200/24/04 SC.2.2 C.2.1 ddwr installation and sta 21/02/24 Meri 200/24/04 Sta 200/24/04/24/04/24/04 Sta 200/24/04					• -						-6				
1 128 Electrical works 128 fir 246924 Str 280724 C2 1 18.21.1.1 Fir 0 service works 128 fir 124242 Str 280724 C2 1 18.21.1.1 Pumbing and drainage works 120 Str 11624 Str 280724 C2 1 18.21.1.1 TAC (for FS) 120 Str 11624 Str 280724 C2 1 18.21.1.1 TAC (for FS) 150 How field Mark Mark Str 2807449 C2 C2 1 8.21.1.1 Critic works Str 11624 Str 11624 Str 280744 C2 1 8.21.1.1 Critic works Str 1162 Str 1162 Critic works Str 1162 C2 First Cfor 1 8.21.1.1 Critic works Str 1162 Str 1162 <td></td>															
2 18.21.1.1 Mechanical works 120 d Fr.12/02/2 St.2.10/2 C2 18.21.1.1 Mechanical works 120 d St.11/2 C2 C2 18.21.1.1 LV works 120 d St.11/2 C2 C2 18.21.1.1 LV works 120 d St.11/2 C2 C2 18.21.1.1 TX C (fre FS) 150 d Med 11/3/2/Med 231022 C2 18.21.1.1 antiologic strained 100 d/ved 11/3/2/Med 231022 C2 C2 18.21.1.1 working platform domelian 100 d/ved 11/3/2/Med 23102/2002 C2 C4 18.21.1.1 working platform domelian 5 d St.11/2 C2 C4 18.21.1.1 working platform domelian 5 d St.11/2 C2 C4 18.21.1.1 working platform domelian 5 d St.11/2 C2 C4 18.21.1 working platform domelian 5 d St.11/2 C2 C4 18.21.1 working platform domelian 7 d T1/2/2/1/02/1/02/21/02		_													
8 8 24 The 1422 Mon 241024		_													
iiii 12, 112 Plumbing and diringe works 120 d Sit 1024 St 28074 C2 iiii 18, 12, 112 LV works more 120 d Sit 1024 St 28074 C2 iiiiii 18, 12, 112 T&C of the swarge pumping station 50 d Wed 11732/A Med 231022 C22 iiiiiiii 18, 12, 112 and the swarge pumping station 50 d Wed 11732/A Med 231024 C22 iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii												Mechanical works			
18.2.1.1 LV wutch nom 120 d Sar 18/024 Sar 28/924 C22 18.2.1.1 T&C of the sewage pumping station 50 d Wed 11/924 Med 30/024 C22 18.2.1.1 cut works 50 d Wed 11/924 Med 30/024 C22 18.2.1.1 cut works 50 d Wed 11/924 Med 30/024 C22 18.2.1.1 working platform demolion 50 d S S1 21/924 S01 C22 18.2.1.1 working platform demolion 50 d S S1 21/924 S01 C22 18.2.1.1 working platform demolion 50 d S S1 21/924 S01 C22 18.2.1.1 worker synth on toxhom of wet well mile chamber 21 d Ta 3/124 Med 23/02/26/0557 d C22 18.2.1.2 FAM works 25 d Thu 28/924 Med 30/02/26 C22 18.2.1.2 Rift TAC 7 dThu 24/02/Med 30/02/26 C22 18.2.1.2 Rift TAC 7 dThu 24/02/Med 30/02/26 C22 18.2.1.2 Foor screeding, Surface Cham 8 d Wed 10/03/03/24 Fri 8/11/24 C22 18.2.1.2 Foor screeding, Surface Cham 30 dThu 10/02/24 Fri 8/11/24 C22 18.2.1.2 <td></td> <td>5</td> <td>Plumbing and drainage works</td> <td></td> <td></td> <td></td>											5	Plumbing and drainage works			
n 18.2.1.1 T&C (for FSI) 15 a Mon 16992 Mon 3092 C2 T T C C <td></td>															
I 8.2.1.1.2 civit works A3 d Wei 11/8/24 Kei 23/07/24 Ci Ci I 8.2.1.1.2 civit works 500	(for FSI)	T&C	C2			30/9/24	4 Mo	Mon 16/9/24	15 d			T&C (for FSI)	-	.8.2.1.1.2	96
1 1 cal addor installation 10 d Void 11024 Fig 20094 Mod 25024 400 500 C 2 void 1 22.1.1 worker platform demonsion cal addor installation with void 10 2 worker platform demonsion 50 d S 20224 Work 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25024 400 25028 40 d 25024 400 25028 40 d 25028 40			C2			30/10/24	4 Ne	Wed 11/9/24	50 d		tion	of the sewage pumping stat	T&C	.8.2.1.1.2	97
0 18.2.1.1 working platform demolition 5 d File 21/9/24 Werd 26/9/24 400 30/9/24 500 50411 C2 18.2.1.1 expory plant on bottom of wet well 5 d Thu 26/9/24 400 30/9/24 500 50450 C2 18.2.1.1.2 water-light test for wet well inlet chamber 21 d Thu 3/10/24 Mod 28/0724500585+7 d C2 18.2.1.1.2 E&M works 28 d Thu 26/9/24 Mod 30/02450158 505,50258+7 d C2 18.2.1.1.2 E&M works 28 d Thu 26/9/24 Mod 30/02450158 505,50258+7 d C2 18.2.1.2.1 Pather media 41 d Mod 30/024 70 H10/24 Mod 30/0245004 C2 18.2.1.2.1 ABWP 40 d Mod 30/024 Thu 11/024 Mod 30/0245004 C2 18.2.1.2.1 Pather media 50 d Thu 10/024 Fire 811/24 C8 C2 18.2.1.2.1 Pather media 50 d Thu 10/1024 Fire 811/24 C8 C2 18.2.1.2.1 Pather media 50 d Thu 10/1024 Fire 811/24 C8 C2 18.2.2.2 Exetrical wecks (Include PV panel) 20 d Thu 10/1024 Fire 811/24 C8 C2 18.2.2.3.2 Pather media 61 fri 13/9/24 fri 13/9/24			C2			23/10/24	4 Ne	Wed 11/9/24	43 d			vil works	civ	.8.2.1.1.2	8
1 1	tion 2	cat ladder installa	C2	500	:	20/9/24	4 F	Wed 11/9/24	10 d			cat ladder installation	(.8.2.1.1.2	9
2 18.2.1.12 water-light test for wet well inlet chamber 21.4 Thu 31/1024 Med 31/1024/5045 Str 7 C2 6 18.2.1.1 E&M works 28.6 Thu 26/924 Med 30/1024/5015 505,50258+7.d C2 6 18.2.1.1 T&C 7 Thu 24/1024/5014 C2 6 18.2.1.2 T&C 7 40 140x 30/924 Fri 81/124 C2 7 18.2.1.2 ABWF 40 40 Mon 30/924 Fri 81/124 C2 8 18.2.1.2 Number-proofing installation with protection screeding 2 Mon 30/924 Fri 81/124 C2 1 8.2.1.2.1 Floor screeding, Surface Channel Installation 8 dWed 2/10/24 Wed 3/10/24508 C1 C2 1 8.2.1.2.2 Electrical works 30 dThu 10/10/24 Fri 81/124 C2 1 8.2.1.2.1 Electrical works 30 dThu 10/10/24 Fri 81/124 C2 1 8.2.1.2.2 MAC works 30 dThu 10/10/24 Fri 81/124 C2 1 8.2.1.2 Electrical works 30 dThu 10/10/24 Fri 81/124 C2 1 8.2.1.2 Electrical works	n demolition 🎽	working platform	C2	501		25/9/24 499	1 We	Sat 21/9/24	5 d			working platform demolition	l.	.8.2.1.1.2	0
IB.22.1.1: EAM works 95 d Thu 26/924 Med 301002/ C2 IB.22.1.1: T&C C2 IB.2.1.1: T&C C2 IB.2.1.2: NF 40 d Mon 30/924 FIR 911124 C2 IB.2.1.2: Water-proofing installation with protection screeding. 2 d Mon 30/924 FIR 911124 S09 C2 IB.2.1.2: Flow reserveding. Surface Channel Installation 8 d Wed 91/024 S08 S10 C.2 Flow reserveding. Surface Channel Installation with protection screeding. Surface Channel Installation 30 dThu 10/1024 FIR 911124 S09 C2 IB.2.1.2: ELectrical works (include PV panel) 20 dThu 10/1024 FIR 911124 S05 C2 IB.2.1.2: MVAC works 20 d Sat 12/1024 Thu 39/024 FIR 911124 S02 S17 C2 IB.2.2: MVAC works S0 dThu 19/924 FIR 911124 S17 C2 S4 S42.1.3 Ferlewindocument (assume 10 days) 14 d Fir 13/924 Fir 10/26/24 S17	ttom of wet well	epoxy paint on bo	C2	504SS		30/9/24 500	4 Mo	Thu 26/9/24	5 d		well	epoxy paint on bottom of wet v	(.8.2.1.1.2)1
1 1 EAM works 28 d Thu 201024 Vor1035 505,02058-7 d C 22 1 18.2.1.1.1 T&C 7 d Thu 24/1024/wed 3010/20040 CC2 1 8.2.1.2 F/F 40 d Mon 309/24 Fri 8/11/24 CC2 1 8.2.1.2 Witherproofing installation with protection screeding. 2 d Mon 309/24 Fri 8/11/24 S09 C22 1 8.2.1.2 Lawing AGT at Roof Theor 30 d Thu 1010/24 Fri 8/11/24 S09 C22 1 8.2.1.2 Eddition works (nudue PV panel) 20 d Thu 1010/24 Fri 8/11/24 S09 C22 1 8.2.1.2 Electrical works 30 d Thu 1010/24 Fri 8/11/24 S10 C2 1 8.2.1.2 Electrical works 30 d Thu 1010/24 Fri 8/11/24 S10 C2 1 8.2.1.2 Electrical works 30 d Thu 1010/24 Fri 8/11/24 S10 C2 1 8.2.1.2 MVAC works 30 d Thu 1010/24 Fri 8/11/24 S10 C2 1 8.2.1.2 Review document by FS depattment (assume 10 days) 14 d Fri 13/9/24 Fri 13/10/24 S10 C2	vet well inlet cha	water-tight test for v	C2		7 d	23/10/24504SS+7	4 Ne	Thu 3/10/24	21 d		et chamber	water-tight test for wet well inle	١	.8.2.1.1.2	2
IB 22.1.12 T&C. 7 d Thu 24/1024/end 30/1024/504 C 2 IB 22.1.2 RF 40 d Mon 30/924 Fri 8/1124 C 2 IB 2.1.2 ABWF 40 d Mon 30/924 Fri 8/1124 C 2 IB 2.1.2 Water-proofing installation with protection screeding. 2 d Mon 30/924 Fri 8/1124 500 C 2 IB 2.1.2 Floor screeding. Surface Channel Installation 8 d Wed 2/10/24 Wed 9/10/24 Stog Sto C 2 IB 2.1.2.1 Laying ACT at Roof Floor 30 d Thu 10/10/24 Fri 8/11/24 500 C 2 IB 2.1.2.2 Electrical works (include PV panel) 20 d Thu 10/10/24 Fri 8/11/24 C 2 IB 2.1.2.2 MVAC works 20 d Thu 10/10/24 Fri 8/11/24 C 2 IB 2.1.2.3 FS Inspection of Pumping Station 14 d Fri 139/24 Fri 139/24 517 C 2 IB 2.1.2.3 Review document by FS department (assume 10 days) 14 d Fri 139/24 Fri 139/24 518 C 2 IB 2.2.1.3 Review document by FS department (assume 10 days) 0 d Thu 19/92/24 Won 21/10/24 517 C 2 IB 2.2.1.4 Setting out for grainte tiles 21 d Thu 19/92/24 Won 21/10/24 518<			C2			30/10/24	4 Ne	Thu 26/9/24	35 d			&M works	E8	.8.2.1.1.2	3
Is.2.1.2 R/F 40 d Mon 309/32 Fri 8/11/24 C2 7 18.2.1.2. ABWF 40 d Mon 309/32 Fri 8/11/24 C2 7 18.2.1.2. Water-proofing installation with protection screeding. 2 d Mon 309/32 Tu 8/11/24 50.9 C2 7 18.2.1.2. Floor screeding. Surface Channel Installation 8 d Weg 2/10/24 Fig 8/11/24 50.9 C2 1 18.2.1.2. Elson works 30 d Thu 101/02/47 Eig 8/11/24 50.9 C2 1 18.2.1.2. Elson works 30 d Thu 101/02/47 Eig 8/11/24 50.9 C2 1 18.2.1.2. Elson works 20 d Sat 12/10/24 Thu 31/10/24510SS C2 Elson works C2 E	E&M works		C2	505,502SS+7 d		23/10/24501SS	4 Ne	Thu 26/9/24	28 d			E&M works		.8.2.1.1.2	4
Image: Problem 40 d Mon 300/24 Tris M1124 C2 Image: Problem Status Stat			C2			30/10/24504	4Ne	Thu 24/10/24	7 d			T&C	-	.8.2.1.1.2	5
18.2.1.2.1 water-proofing installation with protection screeding. 2.4 Mon 30/424 Tue 1/10/24 50.9 C.2 orfing installation with protection screeding. 8.4 Web 2/10/24 Vac 1/10/24 Toe 1/10/24 Streed Nation 1/10/24 18.2.1.2.1 Floor screeding. Surface Channel Installation 8.4 Web 2/10/24 Vac 1/10/24 Fit 8/11/24 50.9 C.2 Floor screeding. Surface Channel Installation 8.0 d Thu 10/10/24 Fit 8/11/24 50.9 C.2 Floor screeding. Surface Channel Installation 3.0 d Thu 10/10/24 Fit 8/11/24 Stress.			C2			8/11/24	4 F	Mon 30/9/24	40 d				R/F	.8.2.1.2	;
1 12.12.1 Floor serveding, Surface Channel Installation 8 d/Wed 2/10/24 Wed 2/10/24 508 510 C2 1.8.2.1.2.1 Laying AGT at Roof Floor 30 dThu 10/10/24 Fit 8/11/24 509 512SS,513SS,514S C2 Laying AGT at Roof Floor C2 Floor screeding, Surface Channel Installation 30 dThu 10/10/24 Fit 8/11/24 509 SC2 Electrical we Laying AGT at Roof Floor C2 Floor screeding, Surface Channel Installation C2 Gat Thu 10/10/24 Fit 8/11/24 509 C2 Floor screeding, Surface Channel Installation C2 Gat Thu 10/10/24 Fit 8/11/24 509 C2 C2 Floor screeding, Surface Channel Installation C2 Gat Thu 10/10/24 Fit 13/9/24 Fit 13/9/24 C2 C2 Floor screeding, Surface Channel Installation C2 Gat Thu 10/10/24 Fit 13/9/24 C2 C2 Floor screeding, Surface Channel Installation <			C2			8/11/24	4 F	Mon 30/9/24	40 d				ABWF	.8.2.1.2.1	7
18.21.2 / Laying AGT at Roof Floor 30 d Thu 10/10/24 Fri 8/11/24 509 512SS,513SS,514S C2 18.21.2 / EdM works 30 d Thu 10/10/24 Fri 8/11/24 C2 18.21.2 / Eldectrical work (include PV panel) 20 d Thu 10/10/24 Fri 8/11/24 510SS C2 18.21.2 / MVAC works 30 d Thu 10/10/24 Fri 8/11/24 510SS C2 18.21.2 / Pumbing and drainage works 20 d Sat 12/10/24 Thu 13/10/24 510SS C2 18.21.2 / Pumbing and drainage works 0 d Fri 13/9/24 Tri 13/9/24 Tri 26/9/24 517 C2 18.2.1.3 /// Standard Comment (assume 10 days) 14 d Fri 13/9/24 Fri 15/11/24 C2 S department (assume 10 days) 18.2.2.1 // Standard Grain telles 0 d Thu 19/9/24 Fri 15/11/24 C2 S department (assume 10 days) 14 d Thu 19/9/24 Kri 15/11/24 C2 18.2.2.1 // Standargamine tiles 21 d Tuu 26/9/24 Fri 15/11/24 C2 S department (assume 10 days) 14 d Thu 19/9/24 Kri 15/11/24 C2 18.2.2.1 // Standargamine tiles 21 d Tuu 26/9/24 Fri 15/11/24 C2 C2 S department (assume 10 days) 14 d Thu 19/9/24 Kri 15/11/24 C2 C2 18.2.2.1 // Standargamine tiles 21 d Tuu 24/9/24 Fr	rotection screed	roofing installation with p	C2	509	:	1/10/24	4 Τι	Mon 30/9/24	2 d		tection screeding	r-proofing installation with prot	wate	.8.2.1.2.1	3
IB.2.1.2. E&M works 30 dThu 10/10/24 Fri B/11/24 C2 1.8.2.1.2. Electrical works (include PV panel) 20 dThu 10/10/24 Fri B/11/24 St0SS C2 1.8.2.1.2. MVAC works 20 dThu 10/10/24 Fri B/11/24 St0SS C2 1.8.2.1.2. Plumbing and drainage works 20 dS at 12/10/24 Thu 31/10/24 St0SS C2 1.8.2.1.3. FS inspection of Pumping Station 14 d Fri 13/9/24 Fri 13/9/24 Station C2 1.8.2.1.3. Review document by FS department (assume 10 days) 14 d Fri 13/9/24 Fri 13/9/24 Station C2 1.8.2.1.3. Review document by FS department (assume 10 days) 14 d Fri 13/9/24 Fri 13/9/24 Station C2 1.8.2.1.3. Actual FS inspection 0 dThu 19/9/24 Kri 10/0/24/517 C2 Stapartment (assume 10 days) 1.8.2.2.1. Autifical granite tiles 21 d Thu 24/9/24 Mon 13/10/24/517 C2 Stapartment (assume 10 days) At tile 19/9/24 Mon 13/10/24/517 C2 Stapartment (assume 10 days) At tile 19/9/24 Mon 13/10/24/517 C2 Stating out for granite tile 4 d Thu 19/9/24 Mon 13/10/24/517 C2 Stating out for granite tile	Channel Install	Floor screeding, Surface	C2	510		9/10/24 508	4 We	Wed 2/10/24	8 d		Installation	r screeding, Surface Channel I	Floor	.8.2.1.2.1	9
IB2.1.2.1 Electrical works (include PV panel) 20 d Thu 10/10/24 Tie 8/10/24 5105S C.2 IB.2.1.2.1 MVAC works 30 d Thu 10/10/24 Tie 8/10/24 5105S C.2 IB.2.1.2.1 MVAC works 20 d Sati 12/10/24 Thu 3/10/24 5105S C.2 IB.2.1.2.1 Plumbing and drainage works 20 d Sati 12/10/24 Thu 3/69/24 510S C.2 IB.2.1.3.1 Form 501 submission 0 d Fri 13/9/24 Thu 26/9/24 Fri 15/11/24 C.2 IB.2.1.3.2 Review document by FS department (assume 10 days) 14 d Fri 13/9/24 Thu 26/9/24 Fri 15/11/24 C.2 IB.2.2.1 Setting out for granite tile 3 d Thu 19/9/24 Fri 15/11/24 C.2 S department (assume 10 days) IB.2.2.1.3 Actual FS inspection 0 d Thu 19/9/24 Fri 15/11/24 C.2 S department (assume 10 days) IB.2.2.1.4 Actual FS inspection 20 d Thu 19/9/24 Fri 15/11/24 C.2 S department (assume 10 days) IB.2.2.1.4 Adtifical granite tile 4 d Thu 19/9/24 Van 21/10/24 S22 C.2 IB.2.2.2.1 apply skimcoat 21 d Twe 24/9/24 Fri 15/11/24 C.2 Artifical granite tile 4 d Twe 19/9/24 Van 12/10/24 S24SS+7 d C.2	Laying AGT at		4S C2	512SS,513SS,514S		8/11/24 509	4 F	Thu 10/10/24	30 d			ng AGT at Roof Floor	Layir	.8.2.1.2.1)
18.2.1.2./ MVAC works 30 d Thu 10/10/24 Fit 8/11/24 510SS C2 18.2.1.2./ Plumbing and drainage works 20 d 3d if 71/10/24 Thu 3/10/24 510SS C2 18.2.1.3./ Form 501 submission 0 d Fri 13/9/24 Thu 26/9/24 Thu 26/9/24 517 C2 18.2.1.3.// Review document by F3 department (assume 10 days) 14 d Fri 13/9/24 Thu 26/9/24 517 C2 18.2.1.3.// Actual FS inspection 0 d Thu 26/9/24 Thu 26/9/24 517 C2 18.2.2.1.3./// Actual FS inspection 0 d Thu 19/9/24 Thu 26/9/24 517 C2 18.2.2.1.3./// Actual FS inspection 0 d Thu 26/9/24 Sun 22/9/4 C2 C2 18.2.2.1.4 Attling out for granite tile 21 d Mnu 23/9/24 Sun 23/9/24 S22 C2 Setting out for granite tile 21 d Mnu 23/9/24 Sun 23/9/24 S22 C2 Artifical granite tile 21 d Mnu 23/9/24 Sun 23/9/24 S22 C2 Artifical granite tile 21 d Tue 24/9/24 Sun 23/9/24 S24SS+7 d C2 Artifical granite tile 21 d Mnu 24/10/24 Sun 23/9/24 S24SS+7 d C2 Setting out for granite tile S4 Tue 24/9/24 Kmi 15/11/24 C2 Artifical granite tile S4 Tue 24/9/24 Kmi 15/11/24 C2 Setting out for granite tile S4 Tue 24/9/24 Kmi 15/11/24<			C2			8/11/24	24 F	Thu 10/10/24	30 d			vorks	E&M w	.8.2.1.2.2	I
18.21.1.2./ Plumbing and drainage works 2.0 d Sat 12/10/24 Thu 31/10/24510SS C2 18.21.3.// FOR DOP LUMPING Station 1.4 d Fri 13/9/24 Thu 26/9/24 C2 18.2.1.3.// Form 501 submission 0.0 d Fri 13/9/24 Fni 26/9/24 517 C2 18.2.1.3.// Revise w document by FS department (assume 10 days) 14 d Fri 13/9/24 Thu 26/9/24 518 C2 18.2.2.1.3./// Actual FS inspection of Verming Station 0.0 d Thu 26/9/24 Fni 3/9/24 Fni 3/9/24 522 C2 18.2.2.1.3./// Actual FS inspection of Vermine tile 4 d Thu 19/9/24 Fni 3/9/24 S22 C2 C2 <td>al works (include</td> <td>Electric</td> <td>C2</td> <td></td> <td></td> <td>29/10/24510SS</td> <td>4Tu</td> <td>Thu 10/10/24</td> <td>20 d</td> <td></td> <td>)</td> <td>trical works (include PV panel)</td> <td>Elect</td> <td>.8.2.1.2.2</td> <td>!</td>	al works (include	Electric	C2			29/10/24510SS	4Tu	Thu 10/10/24	20 d)	trical works (include PV panel)	Elect	.8.2.1.2.2	!
18.21.3 FS Inspection of Pumping Station 14 d Fri 13/9/24 Thu 26/9/24 Sto C2 18.21.3.1 Form 501 submission 0.0 fri 13/9/24 fri 3/9/24 fri 5/17 C2 18.2.1.3.1 Form 501 submission 0.0 d Fri 13/9/24 fri 5/9/24 516 518 C2 18.2.1.3.2 Review document by FS department (assume 10 days) 14 d Fri 13/9/24 fri 5/11/24 52 C2 18.2.1.3 Actual FS inspection 0 d Thu 26/9/24 Tri u 26/9/24 Sto 52 C2 18.2.2.1 Asturent Facade Works 58 d Thu 19/9/24 Mon 21/10/24 522 C2 18.2.2.1.3 apply paint 21 d Tue 24/9/24 Won 14/10/24 524 Sto 7 d C2 18.2.2.1.4 apply paint 21 d Tue 24/9/24 Won 21/10/24 Sto 7 d C2 Painting out for granit 4/16/24 Fri 15/11/24 C2 18.2.2.1.4 apply paint 21 d Tue 24/9/24 Won 14/10/24 524SS+7 d C2 Painting out for granit 4/16/24 Fri 15/11/24 C2 Paintialiation of fins (EVA side) 28 d Tue 24/9/24 Mon 21/10/24 C2 Extend out for granit 4/16/24 Fri 15/11/24 C2 Installation of fins (EVA side) 28 d Tue 24/9/24 Mon 21/10/24 C2 Extend out for granit 4/16/24 Fri 15/11/24 C2	M		C2			8/11/24 510SS	4 F	Thu 10/10/24	30 d			C works	MVA	.8.2.1.2.2	
1 8.2.1.3.1 Form 501 submission 0 d Fri 13/9/24 Fri 13/9/24 517 C2 1 8.2.1.3.2 Review document by FS department (assume 10 days) 0 d Tu 26/9/24 Thu 26/9/24 518 C2 1 8.2.1.3.2 Actual FS inspection 0 d Tu 26/9/24 Thu 26/9/24 C2 C2 1 8.2.2.1 Astring out for granite tiles 3 d Thu 19/9/24 Soft 21/0/24 C2 C2 1 8.2.2.1.2 Artifical granite tiles 21 d Mon 23/9/24 Soft 31/0/24 C2 C2 Artifical granite tiles 21 d Mon 23/9/24 Soft 31/0/24 C2 C2 Artifical granite tiles 21 d Tue 24/9/24 Soft 31/0/24/521 C2 C2 Artifical granite tiles 21 d Tue 24/9/24 Fri 15/11/24 C2 C2 Artifical granite tiles 21 d Tue 24/9/24 Fri 15/11/24 C2 C2 Artifical granite tiles C2 Artifical granite tiles C2 Artifical granite tiles C2 Artifical granite tiles C2	lumbing and dra	P	C2			31/10/24 510SS	4 Th	Sat 12/10/24	20 d			bing and drainage works	Plum	.8.2.1.2.2	4
18.2.1.3.2 Review document by FS department (assume 10 days) 14 d Fri 13/9/24 Thu 26/9/24 516 518 C2 18.2.1.3.5 Actual FS inspection 0 d Thu 26/9/24 Thu 26/9/24 517 C2 18.2.2 External Façade Works 58 d Thu 19/9/24 Fin 15/11/24 C2 18.2.2.1 Astling out for granite tile 4 d Thu 19/9/24 fin 15/11/24 C2 18.2.2.1 Astling out for granite tile 21 d Mon 23/9/24 Sun 22/9/24 So2 C2 18.2.2.1.4 apply skimcoat 21 d Tue 24/9/24 Mon 14/10/24 524 SS+7 d C2 18.2.2.1.4 apply paint 21 d Tue 24/9/24 Mon 14/10/24 524 SS+7 d C2 18.2.2.2.1 apply paint 21 d Tue 24/9/24 Mon 14/10/24 524 SS+7 d C2 18.2.2.2 Installation of fins (EVA side) 28 d Tue 24/9/24 Mon 21/10/24 C2 Installation of fins (Garden side) 23 dThu 24/10/24 S27,530 C2 18.2.2.2 Installation of fins (Garden side) 23 dThu 24/10/24 Wed 23/10/24 527,530 C2 Installation of fins (Garden side) C2 Installation of fins (Garden side) C2 Installation of fins (Garden side) C2<			C2			26/9/24	l Th	Fri 13/9/24	14 d			ction of Pumping Station	FS Inspe	.8.2.1.3	5
1 1.8.2.1.3.5 Actual FS inspection 0 d Thu 26/9/24 Thu 26/9/24 517 C2 1 8.2.2 External Facade Works 33 d Thu 19/9/24 Fri 15/11/24 C2 1 8.2.2.1.2 ABWF C2 C2 1 8.2.2.1.2 Artifical granite tile 4 d Thu 19/9/24 Sun 22/9/24 522 C2 1 8.2.2.1.2 Artifical granite tiles 21 d Tue 24/9/24 Mon 14/10/24 524SS+7 d C2 1 8.2.2.1.2 apply skimcoat 21 d Tue 24/9/24 Mon 14/10/24 524SS+7 d C2 1 8.2.2.1.2 apply paint 21 d Tue 24/9/24 Fri 15/11/24 C2 C2 1 8.2.2.2 Window and lowre 53 d Tue 24/9/24 Fri 15/11/24 C2 C2 1 8.2.2.2 Installation of fins (Gyarden side) 23 d Tue 24/9/24 Fri 15/11/24 C2 C2 1 8.2.3 Soft landscaping works 39 d Tue 8/10/24 Fri 15/11/24 C2 C2 1 8.2.3 Soft landscaping works 39 d Tue 8/10/24 Fri 15/11/24 529 C2 C2 1 8.2.3 Soft landscaping works 39 d Tue 8/10/24 Fri 15/11/24 529 C2	م 13/9		C2	517	:	13/9/24	F	Fri 13/9/24	0 d			01 submission	Form 5	.8.2.1.3.1	5
18.2.2 External Façade Works 58 d Thu 19/9/24 Fri 15/11/24 C2 18.2.1 ABWF 33 d Thu 19/9/24 Vino 21/10/24 C2 18.2.2.1 Asting out for granite tile 4 d Thu 19/9/24 Vino 21/10/24 Sun 22/9/24 522 C2 18.2.2.1.2 Artifical granite tiles 21 d Tue 24/9/24 Non 14/10/24 524SS+7 d C2 18.2.2.1.2 apply skimcoat 21 d Tue 24/9/24 Non 14/10/24 524SS+7 d C2 18.2.2.1.4 apply paint C2 Vindow and loure 53 d Tue 24/9/24 Non 21/10/24523SS+7 d C2 18.2.2.2.1 Installation of fins (EVA side) 28 d Tue 24/9/24 Mon 21/10/24 C2 Installation of fins (garden side) 23 d Thu 24/10/24 Fri 15/11/24 C2 18.2.2.2 Installation of fins (garden side) 23 d Thu 24/10/24 Fri 15/11/24 C2 C2 18.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Fri 15/11/24 C2 C2 18.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Fri 15/11/24 C2 C2 19.1 EVA n.0 65 d Wed 11/9/24 Thu 14/11/24 C2 C2 C2 19.1.1 EVA n.0	days) 🚩	FS department (assume 10	C2	518	:	26/9/24 516	Th	Fri 13/9/24	14 d		(assume 10 days)	document by FS department	Review	.8.2.1.3.2	7
18.2.2.1 ABWF 33 d Thu 19/9/24 Won 21/10/24 C2 1.8.2.2.1.1 setting out for granite tile 4 d Thu 19/9/24 Sun 32/10/24 Sun 32/1			C2			26/9/24 517	4 Th	Thu 26/9/24	0 d			FS inspection	Actual I	.8.2.1.3.3	3
1.8.2.2.1. setting out for granite tile 4 d Thu 19/9/24 Sun 22/9/24 522 C2 setting out for granite tiles 1.8.2.2.1.2 Artifical granite tiles 21 d Mon 23/9/24 Sun 13/10/24 521 C2 Artifical granite tiles C2 C2 Artifical granite tiles C2			C2			5/11/24	4 Fr	Thu 19/9/24	58 d			açade Works	External Fa	.8.2.2	,
1.8.2.2.1.2 Artifical granite tiles 21 d Mon 23/9/24 Sun 13/10/24521 C2 1.8.2.2.1.2 apply skimcoat 21 d Tue 24/9/24 Won 14/10/24 524SS+7 d C2 1.8.2.2.1.4 apply paint 21 d Tue 24/9/24 Won 21/10/24523SS+7 d C2 1.8.2.2.2 upply paint 21 d Tue 1/10/24 Won 21/10/24523SS+7 d C2 1.8.2.2.2 Window and louvre 53 d Tue 24/9/24 Fri 15/11/24 C2 1.8.2.2.2 Installation of fins (EVA side) 28 d Tue 24/9/24 Fri 15/11/24 C2 1.8.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Wed 23/10/24 Fri 15/11/24 527,530 C2 1.8.2.3.2 soli mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 527,530 C2 1.8.2.3.2 soli mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 527,530 C2 1.8.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Wed 23/10/24 Fri 15/11/24 52 C2 1.8.3.3 Footpath construction within the garden area 16 d Tue 8/10/24 Tu 14/11/24 52 C2 1.8.1.4 EVA 65 d Wed 11/9/24 Thu 14/11/24 525 C2 C2 1.9.1.1 Remaining															
1.8.2.2.1.1 apply skincoat 21 d Tue 24/9/24 Mon 14/10/24 524SS+7 d C2 1.8.2.2.1 apply paint 21 d Tue 24/9/24 Mon 21/10/24 S23SS+7 d C2 1.8.2.2.2 Window and louvre 53 d Tue 24/9/24 Fri 15/11/24 C2 1.8.2.2.1 Installation of fins (EVA side) 28 d Tue 24/9/24 Fri 15/11/24 529 C2 1.8.2.2.2 Installation of fins (EVA side) 23 d Tue 24/9/24 Fri 15/11/24 529 C2 1.8.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Fri 15/11/24 529 C2 1.8.2.3.2 solid mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 529 C2 1.8.2.3.2 solid mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 529 C2 1.9.1 EVA 66 d Wed 11/9/24 Tru 14/11/24 C2 1.9.1.1 EVA no. 10 65 d Wed 11/9/24 Tru 14/11/24 C2 1.9.1.1.1 Remaining formation 21 d Wed 21/0/24 Sat 5/10/24 535 S36 C2 1.9.1.1.2 subbase laying 4 d Wed 21/10/24 Sat 19/10/24 535 S38 C2 1.9.1.1.3 road base 2 d Sun 6/10/24 Sat 19/10/24 535 S38 C2 1.9.1.1.4 paving blocks inst	-	-		522								-			
1.8.2.2.1./ apply paint 21 d Tue 1/10/24 Mon 21/10/245233S+7 d C2 1.8.2.2.2 Window and louvre 53 d Tue 24/9/24 Fri 15/11/24 C2 1.8.2.2.2 Installation of fins (EVA side) 28 d Tue 24/9/24 Fri 15/11/24 529 C2 1.8.2.2.2. Installation of fins (EVA side) 28 d Tue 24/9/24 Fri 15/11/24 529 C2 1.8.2.3.2 Installation of fins (garden side) 23 d Thu 24/10/24 Fri 15/11/24 529 C2 1.8.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Wed 23/10/24 527,530 C2 1.8.2.3.2 soil mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 2 C2 1.8.2.3.2 soil mixing and planting 66 d Wed 11/9/24 Fri 15/11/24 527,530 C2 1.9.1 EVA 66 d Wed 11/9/24 Tri 15/11/24 2 C2 1.9.1.1 EVA no. 10 66 d Wed 11/9/24 Tru 14/11/24 C2 C2 1.9.1.1 Remaining formation 21 d Wed 21/0/24 Sat 5/10/24 534 536 C2 1.9.1.1.3 road base 2 d Sun 6/10/24 Mon 7/10/24 535 537 C2 1.9.1.1.4 paving blocks installation 12 d Tue 8/10/24 Sat 21/11/24 537 C2	al granite tiles 🎽											-			
1.8.2.2.2 Window and lowvre 53 d Tue 24/9/24 Fri 15/11/24 C2 1.8.2.2.2.1 Installation of fins (EVA side) 28 d Tue 24/9/24 Mon 21/10/24 Fri 15/11/24 529 C2 1.8.2.3.2 Installation of fins (garden side) 23 d Thu 24/10/24 Fri 15/11/24 529 C2 1.8.2.3 Soft landscaping works 39 d Tue 8/10/24 Fri 15/11/24 529 C2 1.8.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Fri 15/11/24 529 C2 1.8.2.3.2 soil mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 529 C2 1.9 Area no. 10 66 d Wed 11/9/24 Fri 15/11/24 2 C2 1.9.1.1 EVA 66 d Wed 11/9/24 Fri 15/11/24 2 C2 1.9.1.1 EVA 65 d Wed 11/9/24 Fri 15/11/24 C2 Remaining formation 1.9.1.1.2 subbase laying 4 d Wed 2/10/24 S at 5/10/24 535 537 C2 1.9.1.1.3 road base 2 d Sun 6/10/24 Mon 7/10/24 535 537 C2 1.9.1.1.4 paving plocks installation 12 d Tue 8/10/24 Sat 19/10/24 536 538 C2 1.9.1.1.5 lamp poles and	apply skimcoat			524SS+7 d									11.2		_
1.8.2.2.2. Installation of fins (EVA side) 28 d Tue 24/9/24 Won 21/10/24 C2 Installation of fins (garden side) 23 d Thu 24/10/24 Fri 15/11/24 529 C2 1.8.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Fri 15/11/24 527,530 C2 1.8.2.3.2 soil mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 527,530 C2 1.8.2.3.2 soil mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 527,530 C2 1.8.2.3.2 soil mixing and planting 66 d Wed 11/9/24 Fri 15/11/24 2 C2 1.9. Area no. 10 66 d Wed 11/9/24 Tru 14/11/24 2 C2 1.9.1.1 Remaining formation 21 d Wed 11/9/24 Tue 1/10/24 535 C2 1.9.1.1.2 subbase laying 4 d Wed 2/10/24 Sat 5/10/24 Sat 5/10/24 <t< td=""><td>apply p</td><td></td><td></td><td></td><td>7 d</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>11.2.1</td><td></td><td>_</td></t<>	apply p				7 d								11.2.1		_
18.2.2.2. Installation of fins(garden side) 23 d Thu 24/10/24 Fri 15/11/24 529 C2 18.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Wed 23/10/24 527,530 C2 1.8.2.3.2 soil mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 529 C2 C2 1.8.2.3.2 soil mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 529 C2 C2 1.9.1 Area no. 10 66 d Wed 11/9/24 Fri 15/11/24 2 C2 1.9.1 EVA 665 d Wed 11/9/24 Thu 14/11/24 C2 C2 1.9.1.1 Remaining formation 21 d Wed 11/9/24 Thu 14/11/24 C2 C2 1.9.1.1.2 subbase laying 4 d Wed 2/10/24 Sat 5/10/24 534 536 C2 1.9.1.1.3 road base 2 d S une 6/10/24 Mon 7/10/24 Sat 5/07/24 534 536 C2 1.9.1.1.4 paving blocks installation 12 d Tue 8/10/24 Sat 5/10/24 536 538 C2 1.9.1.1.4 paving blocks installation 12 d Tue 8/10/24 Sat 2/11/24 537 C2 Paving 10/10/24 Sat 2/11/24 537 1.9.1.1.5 lamp poles and bollards 14 dSun 20/10/24 Sat 2/11/24 537 C2 Paving 10/10/24 Sat 2/11/24 537 C2															_
Image: Normal State in the		Installation of										· · ·			_
1.8.2.3.1 footpath construction within the garden area 16 d Tue 8/10/24 Wed 23/10/24 527,530 C2 1.8.2.3.2 soil mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 529 C2 1.9 Area no. 10 66 d Wed 11/9/24 Fri 15/11/24 527,530 C2 1.9.1 EVA 66 d Wed 11/9/24 Fri 15/11/24 2 C2 1.9.1 EVA no. 10 65 d Wed 11/9/24 Tue 1/10/24 S35 C2 1.9.1.1 Remaining formation 21 d Wed 11/9/24 Tue 1/10/24 S36 C2 1.9.1.1.2 subbase laying 4 d Wed 2/10/24 Sat 5/10/24 S36 C2 1.9.1.1.3 road base 2 d Sun 6/10/24 Mon 7/10/24 S37 C2 1.9.1.1.4 paving blocks installation 12 d Tue 8/10/24 Sat 19/10/24 S38 C2 1.9.1.1.5 lamp poles and bollards 14 d Sun 20/10/24 Sat 2/11/24 Sat C2 Fallation to drawpits (assume matching cover deliver to site mid Oct) 1.9.1.1.6 matching cover installation to drawpits (assume matching cover deliver to site mid Oct) Thu dived wed wed wed wed wed wed wed wed wed w	Installatio											;			_
1.8.2.3.2 soil mixing and planting 23 d Thu 24/10/24 Fri 15/11/24 529 C2 1.9 Area no. 10 66 d Wed 11/9/24 Fri 15/11/24 2 C2 1.9.1 EVA no. 10 65 d Wed 11/9/24 Fu 14/11/24 C2 1.9.1.1 Remaining formation 21 d Wed 11/9/24 Tue 1/10/24 535 C2 1.9.1.1.2 subbase laying 4 d Wed 2/10/24 Sat 5/10/24 Sat 5/10/24 Sat 5/10/24 Sat 5/10/24 Sat 5/10/24 Sat 5/10/24 Sat 9/10/24 Sa															
1.9 Area no. 10 66 d Wed 11/9/24 Fri 15/11/24 2 C2 2 1.9.1 EVA 65 d Wed 11/9/24 Thu 14/11/24 C2 3 1.9.1.1 EVA no. 10 65 d Wed 11/9/24 Thu 14/11/24 C2 4 1.9.1.1 Remaining formation 21 d Wed 11/9/24 Tuu 1/10/24 535 C2 5 1.9.1.2 subbase laying 4 d Wed 2/10/24 Sat 5/10/24 536 C2 5 1.9.1.3 road base 2 d Sun 6/10/24 Mon 7/10/24 535 537 C2 7 1.9.1.1.4 paving blocks installation 12 d Tue 8/10/24 Sat 5/10/24 536 538 C2 7 1.9.1.1.5 lamp poles and bollards 11/2 d Tue 8/10/24 Sat 2/11/24 537 C2 9 1.9.1.1.6 matching cover installation to drawpits (assume matching cover deliver to site mid Oct) 16 d Wed 30/10/24 Thu 14/11/24 C2 C2	-	footpath constructi		527,530							rea				
21.9.1EVA65 d Wed 11/9/24 Thu 14/11/24C2 3 1.9.1.1EVA no. 10 $65 d Wed 11/9/24 Thu 14/11/24$ C2 4 1.9.1.1.1Remaining formation $21 d Wed 11/9/24$ Tue 1/10/24 535 C2 4 1.9.1.1.2subbase laying $4 d Wed 2/10/24$ Sat 5/10/24 534 536 C2 5 1.9.1.1.3road base $2 d Wed 2/10/24$ Sat 5/10/24 535 537 C2 7 1.9.1.1.4paving blocks installation $12 d Wed 2/10/24$ Sat 19/10/24 536 538 C2 7 1.9.1.1.5lamp poles and bollards $14 d Wed 2/10/24$ Sat 2/11/24 537 C2 9 1.9.1.1.6matching cover installation to drawpits (assume matching cover deliver to site mid Oct) $16 d Wed 30/10/24$ Thu $14/11/24$ 10 $C2$	so											g and planting			_
31.9.1.1EVA no. 1065 dWed 11/9/24Thu 14/11/24C2 4 1.9.1.1.1Remaining formation21 dWed 11/9/24Tue 1/10/24535C2 5 1.9.1.1.2subbase laying4 dWed 2/10/24Sat 5/10/24534536C2 5 1.9.1.3road base2 dSun 6/10/24Mon 7/10/24535537C2 7 1.9.1.1.4paving blocks installation12 dTue 8/10/24Sat 19/10/24536538C2 3 1.9.1.1.5lamp poles and bollards14 dSun 20/10/24Sat 2/11/24537C2 4 1.9.1.1.6matching cover installation to drawpits (assume matching cover16 dWed 30/10/24Thu 14/11/24Thu 14/11/24C2allation to drawpits (assume matching cover				2											_
41.9.1.1.1Remaining formation21 dWed 11/9/24Tue 1/10/24535C2Remaining formation51.9.1.1.2subbase laying4 dWed 2/10/24Sat 5/10/24534536C261.9.1.1.3road base2 dSun 6/10/24Mon 7/10/24535537C271.9.1.1.4paving blocks installation12 dTue 8/10/24Sat 19/10/24536538C281.9.1.1.5lamp poles and bollards14 dSun 20/10/24Sat 2/11/24537C291.9.1.1.6matching cover installation to drawpits (assume matching cover deliver to site mid Oct)MedMed 30/10/24Thu 14/11/24MedC2															
1.9.1.1.2 subbase laying 4 d Wed 2/10/24 Sat 5/10/24 536 C2 5 1.9.1.1.3 road base 2 d Sun 6/10/24 Mon 7/10/24 535 537 C2 7 1.9.1.1.4 paving blocks installation 12 d Tue 8/10/24 Sat 19/10/24 536 538 C2 3 1.9.1.1.5 lamp poles and bollards 14 d Sun 20/10/24 Sat 2/11/24 537 C2 4 1.9.1.1.6 matching cover installation to drawpits (assume matching cover deliver to site mid Oct) 16 d Wed 2/10/24 Sat 2/11/24 537 C2															_
1.9.1.1.3 road base 2 d Sun 6/10/24 Mon 7/10/24 535 537 C2 1.9.1.1.4 paving blocks installation 12 d Tue 8/10/24 Sat 19/10/24 536 538 C2 1.9.1.1.5 lamp poles and bollards 14 d Sun 20/10/24 Sat 2/11/24 537 C2 1.9.1.1.6 matching cover installation to drawpits (assume matching cover deliver to site mid Oct) 16 d Wed 30/10/24 Thu 14/11/24 C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallation to drawpits (assume matching cover deliver to site mid Oct) C2 tallati		Remaining form										-			_
1 9aving blocks installation 12 d Tue 8/10/24 Sat 19/10/24 Sat 0 C2 Paving blocks 1 1.9.1.1.5 Iamp poles and bollards 14 d Sun 20/10/24 Sat 2/11/24 S37 C2 Iallation to drawpits (assume matching cover installation to drawpits (assume matching cover installating cover installation to	subbase la														_
1.9.1.1.5 lamp poles and bollards 14 d Sun 20/10/24 Sat 2/11/24 537 C2 1.9.1.1.6 matching cover installation to drawpits (assume matching cover deliver to site mid Oct) 16 d Wed 30/10/24 Thu 14/11/24 C2	ro														_
1.9.1.1.6 matching cover installation to drawpits (assume matching cover deliver to site mid Oct) 16 d Wed 30/10/24 Thu 14/11/24 C2 tallation to drawpits (assume matching cover deliver to site mid Oct)	paving blocks in			538											_
deliver to site mid Oct) 30/10/24 14/11/24	lamp						24 Sa								
	me matching co	tallation to drawpits (assu	C2						16 d		(assume matching cover			.9.1.1.6	
1.5.2 Eavin 38 a Mion 30/9/24 Wea 6/11/24 62			C 2						20 -			site mid Oct)		0.2	
												ar boy			
1.9.2.1 1 no. of pillar box 38 d Mon 30/9/24 Wed 6/11/24 C2			62			0/11/24	4 000	WON 30/9/24	38 Q				i no. of pilla	.9.2.1	
eleration Programme Rev 16C			ress	Progres		Critical		ly E	Start-on	s	Summary	Task	ramma Bay 100	tion Der	J-



Wed 25/9/24 15:20

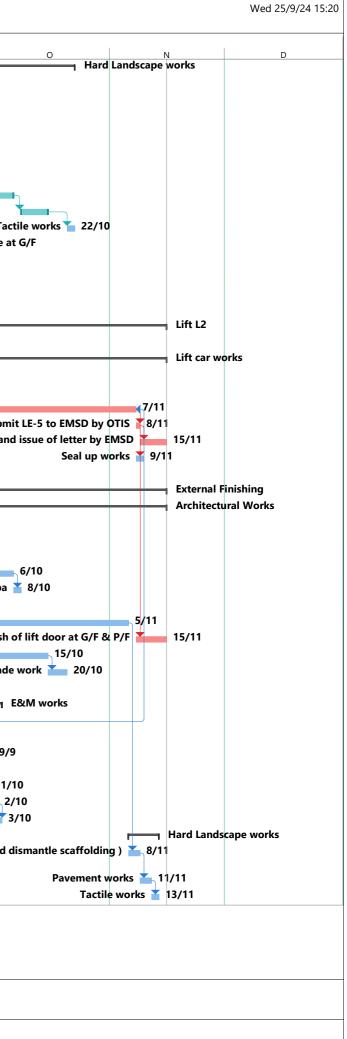
	VBS Ta	ask Name	Duration	Start	Finish	Predecessors	Successors	Task				1
12 '	1.9.2.1.1	plinth	8 0	d Mon 30/9/24	Mon 7/10/24		543	Calendar C2	A	S	plint	th 📩
13 '	1.9.2.1.2	pillar box installation	30 0	d Tue 8/10/24	Wed 6/11/24	542		C2		pillar l	box inst	tallatic
14 ·	.9.3	soft landscaping works	21 c	d Sat 26/10/24	4 Fri 15/11/24			C2				
15 [•]	1.9.3.1	soil mixing and planting works at the planter beside EVA no. 10	21 0	d Sat 26/10/24	Fri 15/11/24			C2	soil mixing and plantin	g works at f	the plar	nter be
16	1.10	Lift 1 and 2	568 c	d Sun 16/4/23	Fri 15/11/24		2	C2				
17 ·	1.10.1	Lift 1	124 c	d Sat 13/7/24	Ned 13/11/2	4		C2				
18	1.10.1.1	Lift car works	119 c	d Sat 13/7/24	Fri 8/11/24			C2				
19 [•]	1.10.1.1.1	Installation of lift car by OTIS (+7 days after energized from Pillar)	38 0	d Sat 13/7/24	Wed 6/11/24	564,581FF+	1551,578,550	C2			_	
50 °	1.10.1.1.2	Submit LE-5 to EMSD by OTIS	1 0	d Thu 7/11/24	Thu 7/11/24	549		C2				Sub
51 '	1.10.1.1.3	Seal up works	2 0	d Thu 7/11/24	Fri 8/11/24	549		C2				
	1.10.1.1.4	Underground Drainage works		d Mon 26/8/24				C2				
3	1.10.1.1.4	Provide drainage drawings at staircase by Mannings (due to revised pavement level under PMI additional bus stop, refer to email dated 8/8/24 and commence works after completed	1 0	d Tue 27/8/24	Tue 27/8/24		578	C2	d pavement works) 27,	/8		
54 ⁻	1.10.1.1.4	Construct surface channel and manhole at staircase by Yeung Ko	b 14 c	d Mon 16/9/24	Sun 29/9/24		555	C2	anhole at staircase by Ye	ung Kong 👔		2
	1.10.1.1.4	Connect drain pipe from sump pit to manhole by Yeung Kong			Fri 4/10/24	554		C2	pe from sump pit to man			ıg 🋓
6 1	1.10.1.1.4	Provide drainage drawings at pavement between 4E1 and Lift LT1 by Mannings (due to revised pavement level under PMI additional bus stop, refer to email dated 8/8/24 and commence works after completed pavement works)	1 c	1 Mon 26/8/24	Mon 26/8/24		557	C2	H			
7 '	1.10.1.1.4	Carry out drainage works at pavement between 4E1/ Lift LT1 by JHL (upon provided drainage plan)	19 0	d Tue 27/8/24	Sun 15/9/24	556		C2				
3	1.10.1.1.4	Carry out lighting box with cable ducts at pavement between 4E1/ Lift LT1 by JHL (not yet issue SIS)	13 0	d Mon 2/9/24	Sat 14/9/24		588	C2	/ JHL (not yet issue SIS)		14/9	
	1.10.1.2	External Finishing			Ned 13/11/2			C2				
	1.10.1.2.1	Architectural Works			Ned 13/11/2	4		C2	1			
	1.10.1.2.1	Installation of glass canopy at G/F & P/F by Kpa			Sun 29/9/24			C2	ion of glass canopy at G/	-	-	2
	1.10.1.2.1	Installation of metal fins by Kpa (upon completion of pavement wo			Sun 15/9/24		·	C2	on of pavement works)		15/9	
	1.10.1.2.1	Submit shop drawing of stainless finish of lift door at G/F & P/F by	-		Mon 16/9/24			C2	sh of lift door at G/F & P			
	1.10.1.2.1	Modification works at r.c. curb of staircase by JHL			Thu 26/9/24			C2	tion works at r.c. curb of	-		
5	1.10.1.2.1	Setting out works at as-built holding down bolt for fabrication of curve staircase by Kpa	10	d Fri 27/9/24	Fri 27/9/24	565	567	C2	olt for fabrication of curv	e staircase l	уу Кра	x 21
, ,	1.10.1.2.1	Fabrication of glass balustrade by Kpa	21 0	Sat 28/9/24	Fri 18/10/24	566	568	C2	Fabrication of glass	balustrade	by Kpa	, 🖵
	1.10.1.2.1	Insallation of glass balustrade by Kpa			Fri 1/11/24		569	C2	-	sallation of		
, -	1.10.1.2.1	Installation of lighting of glass balustrade works by Wing Lune	7 0	Sat 2/11/24	Fri 8/11/24	568		C2	Installation of lig	hting of gla	ss balu	strad
) '	1.10.1.2.1	Modification works at pillar box to match revised pavement level (due to revised pavement level under PMI additional bus stop, refer to email dated 8/8/24 and commence works after completed		d Mon 2/9/24	Thu 19/9/24		571	C2	pleted pavement works)		19/	9
	1.10.1.2.1	Re-construct Footing of 2 street lighting pillar boxes to match revised pavement level (due to revised pavement level under PMI additional bus stop, refer to email dated 8/8/24 and commence works after completed pavement works)		d Mon 2/9/24	Sun 22/9/24		573	C2	pleted pavement works)			2/9
	1.10.1.2.1	Install cover of street lighting pillar box			Wed 25/9/24			C2	Install cover of street lig			
	1.10.1.2.1	Installation of glass canopy at G/F & P/F by Kpa			Sun 22/9/24			C2	f glass canopy at G/F & P			2/9
	1.10.1.2.1	Installation Lighting of glass canopy at G/F & P/F by Kpa			Tue 24/9/24			C2	ing of glass canopy at G/	-	-	24/9
	1.10.1.2.1 1.10.1.2.1	Installation of metal fins by Kpa (Upon completion of pavement we Submit shop drawings of stainless steel finish lift door by Kpa (issue SIS date 19/8/24)			Mon 7/10/24 Thu 19/9/24		582 578	C2 C2	a (Upon completion of p by Kpa (issue SIS date 1			9
3 -	1.10.1.2.1	Supply & Installation of stainless steel finish of lift door at G/F & P	7 7 0	d Thu 7/11/24	Ned 13/11/24	4549,553.555	,	C2	upply & Installation of st	inless steel	finish	of lift
	1.10.1.2.1	Painting works for Column (Pending ADRG issue drawing and seeking supplier)			Wed 2/10/24		,	C2	ng ADRG issue drawing a	nd seeking	supplie	er) 🚽
1 1	1.10.1.2.1	Supply and install stainless steel door for pillar box	5 0	d Fri 20/9/24	Wed 25/9/24	570	634	C2	stall stainless steel door	or pillar bo	x 🎽	25/
4	1.10.1.2.1	Installation of stainless finish of lift door at G/F & P/F	7 0	Mon 28/10/24	4 Mon 4/11/24	563	549	C2	Installation	of stainless	finish	of lift
)	1.10.1.2.2	E&M works	99 c	Wed 31/7/24	4 Wed 6/11/24	L .		C2			+	
	1.10.1.2.2	Power suppy to pillar box by CLP for Lift car, lighting & pump pit			Wed 2/10/24		549FF+14 d,587,58		ox by CLP for Lift car, lig	- -		
	1.10.1.2.2	Drainage works for lift & linking platform by Wing Lune			Mon 14/10/24		583,587,586	C2	hage works for lift & link		-	-
	1.10.1.2.2	Installation of pumping system at pump pit by Wing Luen			4Sun 20/10/24			C2	nstallation of pumping sy			-
	1.10.1.2.2	Power cabling works by Wing Lun			1 Sat 28/9/24			C2				- 28
	1.10.1.2.2	Installation of lightning works by Wing Lun			1 Tue 1/10/24			C2	stallation of lightning wo	rks by Wing	រ Lun 🍃	
δľ	1.10.1.2.2	T&C	10	Wed 6/11/24	4 Wed 6/11/24	581,582,583	3	C2				
celer	ation Progra	amme Rev 16C Task Summary Milestone Project Summary	Start-o			tical	Progres	s Progress				

Wed 25/9/24 15:20



	Task Name	Duration	Start	Finish	Predecessors	Successors	Task Calenda	
587 1.10.1.3	Hard Landscape works	40 c	Fri 13/9/24	Tue 22/10/24	581,582,583		Calenda C2	
588 1.10.1.3.1			Tue 17/9/24				C2	
589 1.10.1.3.2	Revised Staircase drawing by Mainnings (due to revised pavement level under PMI additional bus stop, refer to email dated 8/8/24 and commence works after completed pavement works)	1 c	Fri 13/9/24	Fri 13/9/24		590	C2	Ш
590 1.10.1.3.3		14 c	I Sat 14/9/24	Fri 27/9/24	589	591	C2	
91 1.10.1.3.4		7 c	Mon 30/9/24	Sun 6/10/24	590	592	C2	
92 1.10.1.3.5	Pavement works	7 c	Wed 9/10/24	Tue 15/10/24	591	593	C2	
593 1.10.1.3.6	Tactile works	2 c	Mon 21/10/24	Tue 22/10/24	592		C2	
594 1.10.1.4	Soft landscape at G/F	28 d	Fri 16/8/24	Thu 12/9/24			C2	Soft landsc
95 1.10.1.4.1	Installation of sub-soil drainage	7 c	Fri 16/8/24	Thu 22/8/24		596	C2	l drainage 22/8
96 1.10.1.4.2	Installation of irrigation system	7 c	Fri 23/8/24	Thu 29/8/24	595	597	C2	rigation system 📩 29/8
97 1.10.1.4.3	Backfilling work	7 c	Fri 30/8/24	Thu 5/9/24	596	598	C2	Backfilling work 5/9
98 1.10.1.4.4	Planting works	7 c	Fri 6/9/24	Thu 12/9/24	597		C2	Planting works 📩 12/9
99 1.10.2	Lift L2	568 d	I Sun 16/4/23	Fri 15/11/24			C2	
00 1.10.2.1	RC Work	394 d	Sun 16/4/23	Sat 25/5/24			C2	
07 1.10.2.2	Lift car works	417 d	Thu 14/9/23	Fri 15/11/24			C2	
08 1.10.2.2.1			Thu 14/9/23				C2	
09 1.10.2.2.2	-		Thu 2/5/24				C2	
10 1.10.2.2.3		·				609SF,613,624,611		
11 1.10.2.2.4			Fri 8/11/24			612	C2	
12 1.10.2.2.5	-		Sat 9/11/24			012	C2	Site Inspectio
13 1.10.2.2.6			Fri 8/11/24				C2	
1.10.2.2.7	•		Mon 29/7/24				C2	13/8
515 1.10.2.3	External Finishing		Thu 16/5/24				C2	15/0
16 1.10.2.3	-		Thu 16/5/24				C2	
10 1.10.2.3.1 17 1.10.2.3.1			Tue 11/6/24			562	C2	
1.10.2.3.1			Thu 16/5/24				C2	
10 1 10 2 2 1		14 0	1 110 10/3/24	FII 31/3/24	,		62	
					COF	ECO COO	<u></u>	
19 1.10.2.3.1	Installation of metal louver by Kpa	14 c	Thu 16/5/24	Fri 31/5/24			C2	tallation of glass canony at G/E & D/E by Kna
19 1.10.2.3.1 20 1.10.2.3.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa	14 c 7 c	I Thu 16/5/24 Mon 30/9/24	Fri 31/5/24 Sun 6/10/24		562,632 621	C2	tallation of glass canopy at G/F & P/F by Kpa
191.10.2.3.1201.10.2.3.1211.10.2.3.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa	14 c 7 c 2 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24		621	C2 C2	ation Lighting of glass canopy at G/F & P/F by
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by	14 c 7 c 2 c 1 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24	620	621	C2 C2 C2	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa	14 c 7 c 2 c 1 c 37 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24	620	621	C2 C2 C2 C2 C2	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa
9 1.10.2.3.1 10 1.10.2.3.1 11 1.10.2.3.1 12 1.10.2.3.1 13 1.10.2.3.1 14 1.10.2.3.1 15 1.10.2.3.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F	14 c 7 c 2 c 1 c 37 c 8 c	Mon 30/9/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24	620	621 637	C2 C2 C2 C2 C2 C2	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of stainless f
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Installation of glass balustrade by Kpa	14 c 7 c 2 c 1 c 37 c 37 c 1	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24	620 610	621 637 626	C2 C2 C2 C2 C2 C2 C2 C2	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of stainless f Insallation of glass balustrade by Kpa
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Ned 16/10/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24	620 610 625	621 637 626	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of stainless f Insallation of glass balustrade by Kpa Installation of lighting of glass balus
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 16/10/24 Mon 16/9/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24	620 610 4625	621 637 626	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of stainless f Insallation of glass balustrade by Kpa
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.1 29 1.10.2.3.1 20 1.10.2.3.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7 c 125 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 16/10/24 Mon 16/9/24 Sat 1/6/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Thu 3/10/24	620 610 625	621 637 626 584,585,633	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of stainless f Insallation of glass balustrade by Kpa Installation of lighting of glass balus Il stainless steel door for pillar box 24
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.2 29 1.10.2.3.2	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7 c 125 c 7 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 2/10/24 Mon 16/9/24 Mon 16/9/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Thu 3/10/24 Sun 22/9/24	620 610 625	621 637 626 584,585,633 610FF+14 d,635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus II stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit 22/5
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.2 29 1.10.2.3.2	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit Drainage works for lift & linking platform by Wing Lune	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7 c 125 c 7 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 16/10/24 Mon 16/9/24 Sat 1/6/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Thu 3/10/24 Sun 22/9/24	620 610 625	621 637 626 584,585,633 610FF+14 d,635 631,635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus II stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit t & linking platform by Wing Lune 22/5
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.2 29 1.10.2.3.2 30 1.10.2.3.2	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit Drainage works for lift & linking platform by Wing Lune	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7 c 125 c 7 c 7 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 2/10/24 Mon 16/9/24 Mon 16/9/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Thu 3/10/24 Sun 22/9/24	620 610 625 562	621 637 626 584,585,633 610FF+14 d,635 631,635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus II stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit 22/5
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.2 29 1.10.2.3.2 30 1.10.2.3.2 31 1.10.2.3.2	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit Drainage works for lift & linking platform by Wing Lune Installation of pumping system at pump pit by Wing Luen	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7 c 7 c 7 c 7 c 7 c 7 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 2/10/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Thu 3/10/24 Sun 22/9/24 Sun 22/9/24	620 610 625 562 630	621 637 626 584,585,633 610FF+14 d,635 631,635 635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus I stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit 22/5 t & linking platform by Wing Lune 22/5
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.1 29 1.10.2.3.2 30 1.10.2.3.2 31 1.10.2.3.2 32 1.10.2.3.2	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit Drainage works for lift & linking platform by Wing Lune Installation of pumping system at pump pit by Wing Lune Installation of ventilation fans works at lift car by Wing Lun	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7 c 7 c 7 c 7 c 7 c 7 c 7 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 2/10/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 23/9/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Thu 3/10/24 Sun 22/9/24 Sun 22/9/24 Sun 29/9/24 Sat 8/6/24	620 610 625 562 630 619	621 637 626 584,585,633 610FF+14 d,635 631,635 635 635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus II stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit t & linking platform by Wing Lune 22/5
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.2 30 1.10.2.3.2 31 1.10.2.3.2 32 1.10.2.3.2 33 1.10.2.3.2	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit Drainage works for lift & linking platform by Wing Lune Installation of pumping system at pump pit by Wing Lune Installation of ventilation fans works at lift car by Wing Lun Power cabling works by Wing Lun	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7 c 7 c 7 c 7 c 7 c 7 c 7 c	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 2/10/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 23/9/24 Sat 1/6/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Thu 3/10/24 Sun 22/9/24 Sun 22/9/24 Sun 29/9/24 Sat 8/6/24 Tue 1/10/24	620 610 625 562 630 619 602,627	621 637 626 584,585,633 610FF+14 d,635 631,635 635 635 635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus I stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit 22/5 t & linking platform by Wing Lune 22/5
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.2 30 1.10.2.3.2 31 1.10.2.3.2 32 1.10.2.3.2 33 1.10.2.3.2 33 1.10.2.3.2 34 1.10.2.3.2	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit Drainage works for lift & linking platform by Wing Lune Installation of pumping system at pump pit by Wing Lune Installation of ventilation fans works at lift car by Wing Lun Power cabling works by Wing Lun	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 2/10/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 23/9/24 Sat 1/6/24 Wed 25/9/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Tue 24/9/24 Sun 22/9/24 Sun 22/9/24 Sun 29/9/24 Sat 8/6/24 Tue 1/10/24 Wed 2/10/24	620 610 625 562 630 619 602,627 571,602	621 637 626 584,585,633 610FF+14 d,635 631,635 635 635 635 635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus I stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit t & linking platform by Wing Lune Power cabling works by Wing Lun
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.2 30 1.10.2.3.2 31 1.10.2.3.2 32 1.10.2.3.2 33 1.10.2.3.2 34 1.10.2.3.2 35 1.10.2.3.2	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit Drainage works for lift & linking platform by Wing Lune Installation of pumping system at pump pit by Wing Lune Installation of ventilation fans works at lift car by Wing Lun Power cabling works by Wing Lun	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Fri 8/11/24 Wed 2/10/24 Wed 2/10/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 23/9/24 Wed 25/9/24 Thu 26/9/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Tue 24/9/24 Sun 22/9/24 Sun 22/9/24 Sun 22/9/24 Sun 29/9/24 Sun 29/9/24 Sun 29/9/24 Tue 1/10/24	620 610 625 562 630 619 602,627 571,602 629,630,631	621 637 626 584,585,633 610FF+14 d,635 631,635 635 635 635 635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus II stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit t & linking platform by Wing Lune Power cabling works by Wing Lun Istallation of lightning works by Wing Lun
19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.1 29 1.10.2.3.2 30 1.10.2.3.2 31 1.10.2.3.2 32 1.10.2.3.2 33 1.10.2.3.2 34 1.10.2.3.2 35 1.10.2.3.2 36 1.10.2.3.2 37 1.10.2.3.4 38 1.10.2.3.2 39 1.10.2.3.2 31 1.10.2.3.2 32 1.10.2.3.2 33 1.10.2.3.2 34 1.10.2.3.2 35 1.10.2.3.4 37 1.10.2.4.1	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit Drainage works for lift & linking platform by Wing Lune Installation of pumping system at pump pit by Wing Lune Installation of ventilation fans works at lift car by Wing Lun Power cabling works by Wing Lun Installation of lightning works by Wing Lun T&C Hard Landscape works Screeding works (upon completioon of external fins installation and dismantle scaffolding)	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Wed 2/10/24 Wed 2/10/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 23/9/24 Mon 23/9/24 Wed 25/9/24 Thu 26/9/24 Thu 26/9/24 Wed 6/11/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Tue 15/10/24 Sun 20/10/24 Tue 24/9/24 Tue 24/9/24 Sun 22/9/24 Sun 22/9/24 Sun 22/9/24 Sun 22/9/24 Sun 29/9/24 Sat 8/6/24 Tue 1/10/24 Wed 2/10/24 Thu 3/10/24 Fri 8/11/24	620 610 625 562 630 619 602,627 571,602 629,630,631 4 623	621 637 626 584,585,633 610FF+14 d,635 631,635 635 635 635 635 635 635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus II stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit t & linking platform by Wing Lune Power cabling works by Wing Lun Istallation of lightning works by Wing Lun
18 1.10.2.3.1 19 1.10.2.3.1 20 1.10.2.3.1 21 1.10.2.3.1 22 1.10.2.3.1 23 1.10.2.3.1 24 1.10.2.3.1 25 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 26 1.10.2.3.1 27 1.10.2.3.1 28 1.10.2.3.2 30 1.10.2.3.2 31 1.10.2.3.2 32 1.10.2.3.2 33 1.10.2.3.2 34 1.10.2.3.2 35 1.10.2.3.2 36 1.10.2.3.2 37 1.10.2.3.2 38 1.10.2.3.2 39 1.10.2.4.1 38 1.10.2.4.3 39 1.10.2.4.3	Installation of metal louver by Kpa Installation of glass canopy at G/F & P/F by Kpa Installation Lighting of glass canopy at G/F & P/F by Kpa Submit shop drawing of stainless finish of lift door at G/F & P/F by Installation of metal fins by Kpa Installation of stainless finish of lift door at G/F & P/F Insallation of glass balustrade by Kpa Installation of lighting of glass balustrade work Supply and install stainless steel door for pillar box E&M works Power suppy to pillar box by CLP for Lift car, lighting & pump pit Drainage works for lift & linking platform by Wing Lune Installation of pumping system at pump pit by Wing Lune Installation of ventilation fans works at lift car by Wing Lun Power cabling works by Wing Lun Installation of lightning works by Wing Lun Power cabling works by Wing Lun Pavement works	14 c 7 c 2 c 1 c 37 c 8 c 14 c 5 c 7	Thu 16/5/24 Mon 30/9/24 Mon 7/10/24 Fri 13/9/24 Tue 24/9/24 Wed 2/10/24 Wed 2/10/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 16/9/24 Mon 23/9/24 Mon 23/9/24 Wed 25/9/24 Thu 26/9/24 Thu 3/10/24 Wed 6/11/24	Fri 31/5/24 Sun 6/10/24 Tue 8/10/24 Fri 13/9/24 Tue 5/11/24 Fri 15/11/24 Fri 15/11/24 Sun 20/10/24 Tue 24/9/24 Tue 24/9/24 Sun 22/9/24 Sun 22/9/24 Sun 22/9/24 Sun 22/9/24 Sun 22/9/24 Sun 22/9/24 Sun 22/9/24 Fri 8/11/24 Fri 8/11/24 Mon 11/11/24	620 610 625 562 630 619 602,627 571,602 629,630,631 4 623 4637	621 637 626 584,585,633 610FF+14 d,635 631,635 635 635 635 635 635 635 635 635 635	C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C2 C	ation Lighting of glass canopy at G/F & P/F by of lift door at G/F & P/F by Kpa 13/9 Installation of metal fins by Kpa Installation of glass balustrade by Kpa Installation of glass balustrade by Kpa Installation of lighting of glass balus I stainless steel door for pillar box 24 LP for Lift car, lighting & pump pit t & linking platform by Wing Lune Power cabling works by Wing Lun Istallation of lightning works by Wing Lun T&

Acceleration Programme Rev 16C	Task		Summary	Start-only	C	Critical	Progress
	Milestone	♦	Project Summary	Finish-only	٦.	Critical Split	 Manual Progress



Appendix C – Apply permission for Environmental Monitoring

Propose alternative monitoring location: The Lok Sin Tong Modular Social Housin	ng Scheme
Status: Rejected application	
Email on: 10 May 2022	Email on: 13 October 2022
Subject The Lok Sin Tong Benevolent Society Kowloon - Apply permission for Environmental Monitoring for Stage 4 of Kai Tak Development	Subject The Lok Sin Tong Benevolent Society Kowloon - Reject to Apply permission for Environmental Monitoring for Stage 4 of Kai Tak Development
To Bcc	To Bcc
Date 2022-05-10 15:48	Date 2022-10-13 15:52
 Figure 1 Impact dust measurement setup.jpg(~1.2 MB) Figure 2 Impact noise measurement setup.jpg(~979 KB) Company: The Lok Sin Tong Benevolent Society Kowloon By Email (Date 2022-10-13 15:52 Company: The Lok Sin Tong Benevolent Society Kowloon By Email Dear Sir/ Referring to the communication between your staff and me regarding the captioned work at 21 September 2022, the Lok Sin Tong Benevolent Society Kowloon was rejected the apply permission for Environmental Monitoring for Stage 4 of Kai Tak Development. Dut to electricity supply and security concern in Modular House , Environmental monitoring at Modular House is not allowed open. Should you have any enquires regarding the measurement, please do not hesitate to contact Thank you for your kind attention and I look forward to receiving your favourable reply soon. Yours Sincerely, Lee Wing Hang Ka Shing Management Consultant Limited
The monitoring location will be located on the roof top floor of The Lok Sin Tong Modular Social Housing Scheme at Junction of Sung Wong Toi Road and To Kwa Wan Road facing to Kai Tak Development area. 220V power supply is needed for 24-hour TSP monitor with size $0.5m$ (L) x $0.5m$ (W) x $1.4m$ (H). We will pay for the electricity. Similar setup photo records are shown in Figure 1 and Figure 2 for your kindly reference. Our technician will stay at the measurement point for 1-hour TSP and 30-mintue noise measurement.	
We hope to conduct site visit at 13:30 pm of 25 May 2022 (Wed). Should you have any enquires regarding the measurement, please do not hesitate to contact at	
Thank you for your kind attention and I look forward to receiving your favourable reply soon.	
Yours Sincerely,	
Lee Wing Hang Ka Shing Management Consultant Limited	

Propose alternative monitoring location: Freder Centre	
Status: No reply from building management office unit the reporting month	
Email on: 19 July 2022	
Subject Freder Centre - Apply permission for Environmental Monitoring for Stage 4 of Kai Tak Development	
From	
To Bcc	
Date 2022-07-19 13:33	
 Figure 1 Impact dust measurement setup.jpg(~1.2 MB) 	
 Figure 2 Impact noise measurement setup.jpg(~979 KB) 	
Company: Freder Centre	
By Email	
Dear Sin	
Re: Environmental Monitoring for Kai Tak Development – Stage 4 Infrastructure at the former runway and south apron	
We, Ka Shing Management Consultant Limited (KS), is appointed by Civil Engineering and Development Department (CEDD), working as Environmental Team (ET) to conduct the monitoring and audit works as part of the EM&A programme of the Kai Tak Development - Stage 4 Infrastructure at the former runway and south apron (KTD Stage 4 Project) starting from July 2019 to May 2024.	
KTD Stage 4 project is located in the south-eastern part of Kowloon Peninsular 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. Your premise, Hong Kong Society for Blind Workshop and Hotels, is one of the proposed sensitive receivers.	
We would like to obtain your kind permission for entering the premise to carry out baseline and impact monitoring, baseline dust monitoring (1-hour and 24-hour TSP monitoring) and baseline noise monitoring (30- minute) would need to conduct continuously for 14 days, our propose baseline monitoring date is August 2022.	
After baseline monitoring, impact dust monitoring (1-hour and 24-hour TSP monitoring) and impact noise monitoring (30-minute) would take place between 08:00 hrs to 18:00 hrs in normal working days once every six days.	
The monitoring location will be located on the roof top floor of Freder Centre at Junction of Sung Wong Toi Road and To Kwa Wan Road facing to Kai Tak Development area. 220V power supply is needed for 24-hour TSP monitor with size 0.5m (L) x 0.5m (W) x 1.4m (H). We will pay for the electricity. Similar setup photo records are shown in Figure 1 and Figure 2 for your kindly reference. Our technician will stay at the measurement point for 1-hour TSP and 30-mintue noise measurement.	
We hope to conduct site visit at 15:30pm of 26 July 2022 (Tue).	
Should you have any enquires regarding the measurement, please do not hesitate to contactat	
Thank you for your kind attention and I look forward to receiving your favourable reply soon.	
Yours Sincerely,	
Lee Wing Hang Ka Shing Management Consultant Limited	

Propose alternative monitoring location: New Port Centre	
Status: No reply from building management office unit the reporting month	
Email on: 19 July 2022	Email on: 17 August 2022
Subject New Port Centre - Apply permission for Environmental Monitoring for Stage 4 of Kai Tak Development	Subject Kum Shing Group and Hong Kong Energy Infrastructure Limited - Apply permission for Environmental Monitoring for Stage 4 of Kai Tak Development
Date 2022-07-19 13:33	Всс
 Figure 1 Impact dust measurement setup.jpg(~1.2 MB) Figure 2 Impact noise measurement setup.jpg(~979 KB) 	Date 2022-08-17 11:54
Definition of the second s	 Figure 1 Impact dust measurement setup.jpg(~1.2 MB) Figure 2 Impact noise measurement setup.jpg(~979 KB) Juip 01.jpg(~2.6 MB) Company: Kum Shing Group and Hong Kong Energy Infrastructure Limited By Email

Propose alternative monitoring location: New Port Centre	
Status: No reply from building management office unit the reporting month	
Email on: 19 August 2022	Email on: 15 September 2022
	Subject New Port Centre - Apply permission for Environmental Monitoring for Stage 4 of Kai Tak Development
Subject RE: Kum Shing Group and Hong Kong Energy Infrastructure	
	То
Limited - Apply permission for Environmental Monitoring for	Bcc
Stage 4 of Kai Tak Development	Date 2022-09-15 15:35
From	
	 Figure 1 Impact dust measurement setup.jpg(~1.2 MB) Figure 2 Impact noise measurement setup.jpg(~979 KB)
To	 Figure 3 expect Impact dust measurement setup.png(~267 KB) Figure 4 power supply plug.jpg(~2.6 MB)
ſc	Company New Dask Castro & Currents environ limited
	Company: New Port Centre & Synergis management services limited
Date 2022-08-19 08:36	By Email
	Dear Sir,
Dear Mr. LEE,	Re: Environmental Monitoring for Kai Tak Development – Stage 4 Infrastructure at the former runway and south apron
Deal MI. LEC,	We, Ka Shing Management Consultant Limited (KS), is appointed by Civil Engineering and Development
	Department (CEDD), working as Environmental Team (ET) to conduct the monitoring and audit works as part of the Kai Tak Development - Stage 4 Infrastructure at the former runway and south apron
As we do not have ownership to the roof, we'd suggest you to approach the management company of Newport	(KTD Stage 4 Project) starting from July 2019 to May 2024.
Center for further discussion.	KTD Stage 4 project is located in the south-eastern part of Kowloon Peninsular 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
https://www.synergis.com.hk/html/en/	Kok, Kowloon Bay, Kwun Tong and Cha Kwo Ling. Your premise, New Port Centre, is one of the proposed sensitive receivers.
	We would like to obtain your kind permission for entering the premise to carry out baseline and impact
best,	monitoring, baseline dust monitoring (1-hour and 24-hour TSP monitoring) and baseline noise monitoring (30- minute) would need to conduct continuously for 14 days, our propose baseline monitoring date is August 2022.
Paul Lee	
raul Lee	After baseline monitoring, impact dust monitoring (1-hour and 24-hour TSP monitoring) and impact noise monitoring (30-minute) would take place between 08:00 hrs to 18:00 hrs in normal working days once every six
	days.
	The monitoring location will be located on the roof top floor of New Port Centre at Junction of Sung Wong Toi Road and To Kwa Wan Road facing to Kai Tak Development area. 220V power supply is needed for 24-hour TSP
	monitor with size 0.5m (L) x 0.5m (W) x 1.4m (H). We will pay for the electricity. Similar setup photo records are shown in Figure 1 and Figure 2 for your kindly reference. The expect of impact dust measurement
	setup photo records are shown in Figure 3 and the power supply will come from the roof of the socket (Figure 4) for reference. Our technician will stay at the measurement point for 1-hour TSP and 30-mintue
	noise measurement.
	Should you have any enquires regarding the measurement, please do not hesitate to contact at
	Thank you for your kind attention and I look forward to receiving your favourable reply soon.
	Yours Sincerely,
	Lee Wing Hang
	Ka Shing Management Consultant Limited

Appendix D – Environmental monitoring schedules

Contract No. EDO 15/2018 Environmental Monitoring at Kai Tak Development Stage 4 Infrastructure at the former runway and south apron Environmental Monitoring and Weekly Site Inspection Schedule for December 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 24-hr TSP: AM3, AM4(A), AM7 1-hr X3 TSP: AM3,	3	4	5 Weekly Site Inspection	6	7 24-hr TSP: AM3, AM4(A), AM7 1-hr X3 TSP: AM3,
0	AM4(A), AM7 30-min Noise: M11, M12	10	11	12	12	AM4(A), AM7
8	9	10. Weekly Site Inspection + SSMC meeting	11	12	13 24-hr TSP: AM3, AM4(A), AM7 1-hr X3 TSP: AM3, AM4(A), AM7 30-min Noise: M11, M12	14
15	16	17	18	19 Weekly Site Inspection 24-hr TSP: AM3, AM4(A), AM7 1-hr X3 TSP: AM3, AM4(A), AM7 30-min Noise: M11, M12	20	21
22	23	24 24-hr TSP: AM3, AM4(A), AM7 1-hr X3 TSP: AM3, AM4(A), AM7 30-min Noise: M11, M12	25	26	27 Weekly Site Inspection	28
29	30 24-hr TSP: AM3, AM4(A), AM7 1-hr X3 TSP: AM3, AM4(A), AM7 30-min Noise: M11, M12	31				

December 2024

NOTE:

1) Site inspection schedule and Impact monitoring schedule may be changed due to unforeseen circumstance (e.g. adverse weather).

Air Quality Monitoring Station

AM3 - Sky Tower AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop AM7 - Hong Kong Children's Hospital

Noise Quality Monitoring Station

M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop M12 - Hong Kong Children's Hospital

Contract No. EDO 15/2018 Environmental Monitoring at Kai Tak Development Stage 4 Infrastructure at the former runway and south apron Tentative Environmental Monitoring and Weekly Site Inspection Schedule for January 2025

Sun Mor	on Tu	`ue	Wed	Thu	Fri	Sat
			1	2	3	4
				Weekly Site Inspection		24-hr TSP: AM3,
						AM4(A), AM7
						1-hr X3 TSP: AM3,
5 6	7		8	9	10	AM4(A), AM7 11
5 6	1		0	9 Weekly Site Inspection	24-hr TSP: AM3,	11
				weekly Site inspection	AM4(A), AM7	
					1-hr X3 TSP: AM3,	
					AM4(A), AM7	
					30-min Noise: M11, M12	
12 13			15	16	17	18
		Veekly Site Inspection +		24-hr TSP: AM3,		
	S	SMC meeting		AM4(A), AM7		
				1-hr X3 TSP: AM3,		
				AM4(A), AM7 30-min Noise: M11, M12		
19 20	21	1	22	23	24	25
15 20	2	1	24-hr TSP: AM3,	Weekly Site Inspection	21	20
			AM4(A), AM7	5 1		
			1-hr X3 TSP: AM3,			
			AM4(A), AM7			
		<u>.</u>	30-min Noise: M11, M12			
26 27	28		29	30	31	
Wee		4-hr TSP: AM3, $M4(A) AM7$				
		MM4(A), AM7 -hr X3 TSP: AM3,				
		AM4(A), AM7				
		0-min Noise: M11, M12				

January 2025

NOTE:

Site inspection schedule and Impact monitoring schedule may be changed due to unforeseen circumstance (e.g. adverse weather). 1)

Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A) and M11), the premises owner rejected ET to conduct impact monitoring starting 2) from 1 Sept 2022. No 24-TSP monitoring will be conducted at AM4(A) while 1-hr TSP at AM4(A) and 30-min noise monitoring at M11 will be conducted on the ground floor with orienting to the Project site. ET will resume the impact monitoring once the alternative monitoring location for AM4(A) and M11 are confirmed.

Air Quality Monitoring Station

AM3 - Sky Tower

AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop

Noise Quality Monitoring Station

M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop

AM7 - Hong Kong Children's Hospital

M12 - Hong Kong Children's Hospital

Appendix E – Photographic records

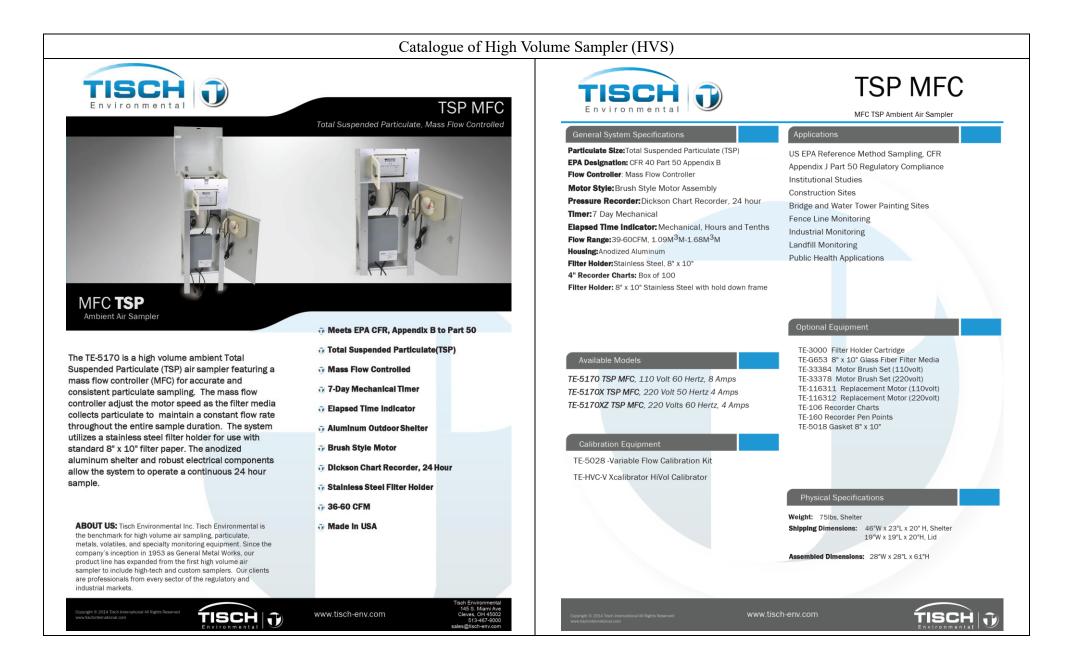
Impact TSP Monitoring



Impact Noise Monitoring

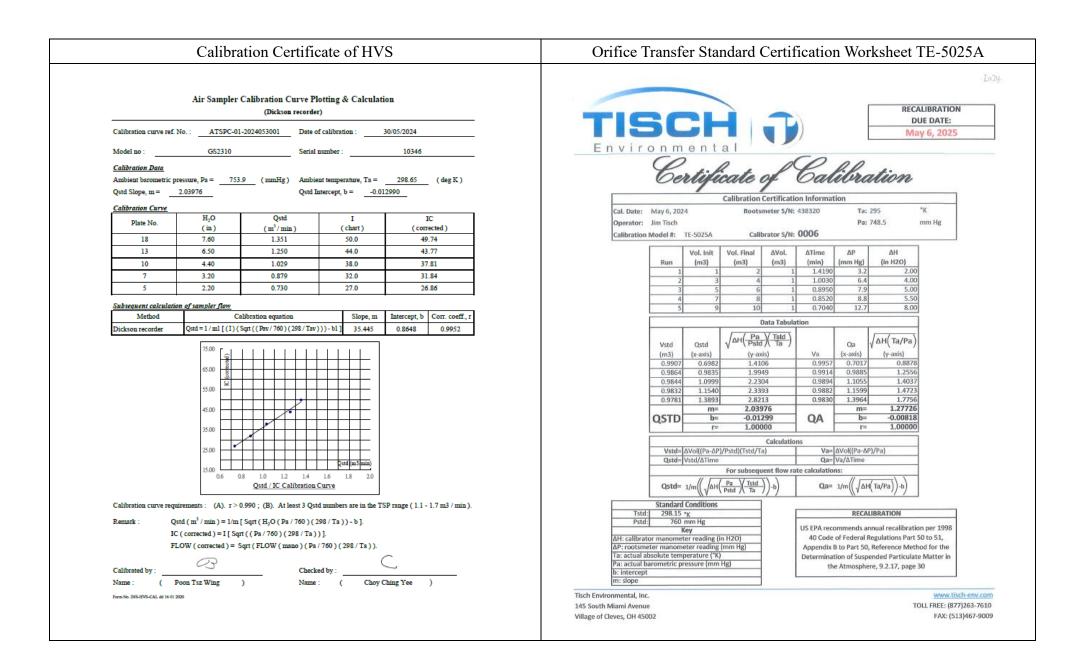


Appendix F – Calibration certificates, catalogue of air quality monitoring equipment



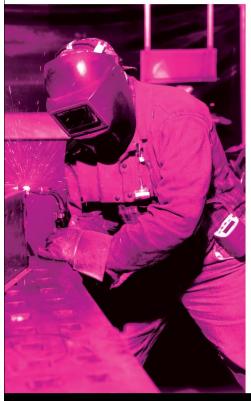
Chlosic curve ref. Nr: $\underline{ATSC-01-020410001}$ De of calibraios: $\underline{0.012024}$ Locaios: $\underline{MTSC-01-02410001}$ De of calibraios: $\underline{0.012024}$ Taciaos: $\underline{MTSC-01-02410001}$ Taciaos: $\underline{MTSC-01-0241000}$ Taciaos: $\underline{MTSC-01-02410000}$ Taciaos: $\underline{MTSC-01-02410000}$ Taciaos: $\underline{MTSC-01-024100000}$ Taciaos: $\underline{MTSC-01-024100000}$ Taciaos: $\underline{MTSC-01-024000000}$ Taciaos: $\underline{MTSC-01-024000000}$ Taciaos: $\underline{MTSC-01-0240000000}$ Taciaos: $MTSC-01-024000000000000000000000000000000000$		Air Sampler	Calibration Curve Pl (Dickson recorde	2	on		Air Sampler	Calibration Curve P	-	ion
Lation : \underline{N} Support \underline{N} Supp	Calibration curve ref.	No.: ATSPC-01	2024100401 Date o	of calibration : 0	04/10/2024	C-libertine even	É No construction			02/12/2024
$\frac{Cdthead Ddt}{Ddt} Cdthead Ddt}{Ddt} Cdthead Ddt} Cdthead Ddt} Cdthead Ddt} Cdthead Ddt} Cdthead Ddt}{Cdthead Ddt} Cdthead Ddt Cdthead $	Location :	Sky Tower	Sampl	er :	TE-5170X					
where buowner expressions $h_{0} = \frac{10.6}{(m \ ml})}$ and built respects $h_{1} = \frac{10.43}{(0.01200)}$ (dg K) <u>paid larceque</u> $h_{1} = \frac{10.6}{(m \ ml})}$ (data) (corrected) <u>taberean curve</u> <u>taberean curv</u>	Calibration Data						Sky Tower	Sampl	ler :	1E-51/0X
$\begin{aligned} & \text{Qut} \text{Spe}_{n} = \underline{2.0075} & \text{Qut} \text{Intercept}, b = \underline{0.01290} \\ \hline \text{Callbratice Curr} \\ \hline \text{Plat. No.} & \underline{(10)} & \underline{(10)} & \underline{(11)} & \underline{(10)} & \underline{(11)} & \underline{(10)} & \underline{(11)} & \underline{(10)} & \underline{(11)} & \underline{(11)} & \underline{(10)} & \underline{(11)} &$	Ambient barometric p	ressure, Pa = 760.	6 (mmHg) Ambie	ent temperature, Ta =	304.05 (deg K)		pressure Pa = 76	14 (mmHg) Ambia	ent temperature. Ta =	295.05 (deg K)
$ \begin{array}{c} \hline Calibration Curve \\ \hline Plate No. \\ \hline (h) \\ \hline No. \\ \hline $	Qstd Slope, m =	2.03976	Qstd I	ntercept, b = -0.012	2990		-			
$\frac{\text{Plat No.}}{(n)} + \frac{\text{H}_{0}}{(n)} + \frac{\text{Q}_{0}\text{M}}{(n)} + \frac{1}{(n)} + $	Calibration Curve									
$\frac{\left(\begin{array}{c} \text{in} \right) \left(\begin{array}{c} \text{in} \right) \left(\begin{array}{c} \text{in} \right) \left(\begin{array}{c} \text{corrected} \right)}{(1 + 1)^2 + (1$	Plate No.	-					H ₂ O			
$\frac{13}{10} 6.60 1.254 45.0 44.57 106 1264 44.0 44.26 106 45.0 1066 38.0 37.63 106 1$										
$\frac{10}{10} \frac{100}{4.9} \frac{100}{1.0} $										
$\frac{10}{10} \frac{4.9.9}{10} \frac{10.06}{10} \frac{38.0}{20} \frac{37.03}{11.69} \frac{37.03}{11.69} \frac{37.03}{11.69} \frac{1}{10} \frac{1}{10} $										
$\frac{1}{2} \frac{1}{2} \frac{1}$										
$\frac{1}{2} \frac{1}{2} \frac{1}$	-					5	2.20	0.738	27.0	27.16
	-					Subsequent calcula	tion of sampler flow			
$\frac{1}{10000000000000000000000000000000000$			11			Method	0	4	A 7	1.7
$ \begin{array}{c} 1 \\ \hline \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\$		_		1 · ·		Dickson recorder	Qstd = 1 / m1 [(1)	(Sqrt ((Pav / 760) (298 / Tav)))-b1] 34.925	0.7435 0.9964
FLOW (corrected) = Sqrt (FLOW (mano) (Pa / 760) (298 / Ta)) Name : (Poon Tsz Wing) Name : (Choy Ching Yee) Fun No. D8.10% CAL 41 601 2029 Fun No. D8.10% CAL 41 601 2029 Fun No. D8.10% CAL 41 601 2029		45.00 35.00 25.00 15.00 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Qstd / IC Calibration 990 ; (B). At least 3 Qst Sqrt (H ₂ O (Pa / 760) (2	Curve Id numbers are in the TS 298 / Ta)) - b].	P range (1.1 - 1.7 m3 / min).	Remark :	45.00 35.00 15.00 Quirements : (A). r > Qstd (m ³ /min) = 1/m IC (corrected) = 1 [So	<u>Qstd / IC Calibration</u> 0.990; (B). At least 3 Qst h [Sqrt (H ₂ O (Pa/760) (2 qrt ((Pa/760) (298 / Ta) Sqrt (FLOW (mano) (Pa	Curve td numbers are in the T: 298 / Ta)) - b]. ()]. / 760) (298 / Ta))	SP range (1.1 - 1.7 m3 / min)
C Ferri No. D8-103 CAL 41 16 01 2020		FLOW (corrected) = Sqrt (FLOW (mano) (Pa / 760) (298 / Ta))					Poon Tsz Wing		-	Ching Yee)
	IC	Low (concered) = 3						-		- /

libration curve ref. No. :					Air Sampler	Calibration Curve P	lotting & Calculat	ion
	ATSPC-01-2024100403 Date	of calibration : 04/1	0/2024			(Dickson recorde	er)	
cation : Hong Kong	Children's Hospital Sam	pler :	TE-5170X	Calibration curve ref.	No.: ATSPC-01	-2024120303 Date of	of calibration :	03/12/2024
libration Data				Location :	Hong Kong Children's	Hospital Sampl	ler :	TE-5170X
	= 760.6 (mmHg) Amb	ient temperature, Ta =	304.05 (deg K)	Calibration Data				
std Slope, m = 2.03976		Intercept, b = -0.01299		Ambient barometric p	ressure, Pa = 761	.4 (mmHg) Ambio	ent temperature, Ta =	295.05 (deg K)
alibration Curve	-			Qstd Slope, m =	2.03976	Qstd I	Intercept, b =	12990
Plate No. H2	O Qstd	I	IC	Calibration Curve				· · · · · · · · · · · · · · · · · · ·
(ii	/ /	(chart)	(corrected)	Plate No.	H ₂ O (in)	Qstd (m ³ /min)	I (chart)	IC (corrected)
18 8.0		50.0	49.52	18	8.00	1.401	50.0	50.29
13 6.5 10 4.4		46.0	45.56	13	6.40	1.254	44.0	44.26
7 3.3		38.0	37.63 31.69	10	4.40	1.041	37.0	37.22
5 2.1		26.0	25.75	7	3.20	0.889	32.0	32.19 26.15
bsequent calculation of samp	er flow			Subsequent calculati	on of sampler flow			
Method	Calibration equation	Slope, m In	ttercept, b Corr. coeff., r	Method	_	alibration equation	Slope, m	Intercept, b Corr. coeff., r
ckson recorder Qstd = 1	ml [(1) (Sqrt ((Pav / 760) (298 / Ta	v)))-b1] 36.210	0.0312 0.9988	Dickson recorder	Qstd = 1 / m1 [(1)(Sqrt ((Pav / 760) (298 / Tav	()))-b1] 35.629	0.0919 0.9992
libration curve requirements : mark : Qstd (m ³ / m IC (corrected	(A). r > 0.990; (B). At least 3 Qin) = 1/m [Sqrt (H2O (Pa / 760))]1) = I [Sqrt ((Pa / 760) (298 / Ta	n Curve std numbers are in the TSP ra (298 / Ta)) - b].))].	ange (1.1 - 1.7 m3 / min).	Remark : Q II F	uirements : (A). $r > 0$ lstd (m^3 / min) = 1/m C (corrected) = I [Squ	1.0 1.2 1.4 Qstd/IC Calibration 0.990; (B). At least 3 Qst [Sqrt (H ₂ O (Pa / 760) (rt ((Pa / 760) (298 / Ta) Sqrt (FLOW (mano) (Pa	td numbers are in the T 298 / Ta)) - b].))].	SP range (1.1 - 1.7 m3 / min).
FLOW (corrected) = Sqrt (FLOW (mano) (Pa / 760) (298 / Ta)).				Calibrated by : Name :	Poon Tsz Wing) Check	-	Ching Yee)
		:ked by :		Form No. INS-HVS-CAL dd 16 01	-	,	(citoy	,
librated by :	Che	KIND DV 1						



Catalogue of Dust Meter (TSI Sidepak AM510)

The SidePak AM510 monitor's easy-to-read display shows your data as both real-time aerosol mass-concentration and 8-hour time-weighted average (TWA). With its convenient data logging and long battery life, the AM510 is also ideal for extended sampling. The easy-to-use TrakPro Data Analysis Software lets you create effective graphs and reports.



User Friendly

+ Small, lightweight and quiet to maximize worker acceptance + Rugged design with secure belt clip + Easy-to-understand user interface with only four keys + Lockable keypad prevents tampering while sampling + User-adjustable sample flow rate + Define, label and store multiple calibration constants + Easy-to-read LCD display + Convenient, threaded tripod socket accommodates area sampling

Advanced Features

+ Smart Battery Management System provides precise run time information, maximizes battery capacity and speeds charging Integrated pump allows use of size-selective aerosol inlet conditioners + Built-in impactors let you choose "none," 1.0, 2.5 or 10-micron cut off + 10-mm Dorr-Oliver cyclone for respirable sampling + Display shows real-time concentrations (mg/m³) and "on-the-fly" TWA as you data log + Display statistics: max, min and average readings, elapsed time and 8-hour TWA

Quick and Easy Reports

+ Convenient preprogramming for occupational exposure sampling + Data log for long periods and store multiple tests + Analyze data, print graphs and create reports with TrakPro Data Analysis Software + USB port lets you conveniently connect to your computer

Power to Spare

+ Long-lasting NiMH rechargeable battery packs eliminate "memory" issues + Choice of rechargeable NiMH smart battery packs or AA-cell pack

Model AM510 SidePak Personal Aerosol Monitor

Sensitivity Sensor Type
Aerosol Concentration

Particle Size Range

Zero stability

0.001 to 20 mg/m³ Range (calibrated to respirable fraction of ISO 12103-1, A1 test dust) 0.1 to 10 micrometer (µm) Minimum Resolution 0.001 mg/m³ ±0.001 mg/m³ over 24 hours using 10-second time-constant Temperature Coefficient Approximately +0.0005 mg/m³ per °C (for variations from temperature at which instrument was last zeroed)

90° light scattering,

670 nm laser diode

Flow Rate Range

User-adjustable, 0.7 to 1.8 liters/min (L/min)

Temperature Range Operating Range 32 to 120°F (0 to 50°C) Storage Range -4 to 140°F (-20 to 60°C)

Operational Humidity 0 to 95% RH, non-condensing

Time Constant (LCD display) Jser-adjustable, 1 to 60 seconds Range

Data Logging Approx. 31,000 Data Points Logging Interval User-adjustable, 1 second to 1 hour

User-Select Calibration Factors

Factory Setting 1.0 (non-adjustable) User-defined Settings 3, with user-defined labels 0.1 to 10.0, user-adjustable

Physical External Dimensions

Range

4.2 x 3.7 x 2.8 in. (106 x 92 x 70 mm) with 801723, 801724, 801729 or 801743 battery 5.1 x 3.7 x 2.8 in. (130 x 92 x 70 mm) with 801708, 801722, 801728, 801735, or 801736 battery 16 oz (0.46 kg) with 801723, 801724, Weight 801729 or 801743 battery 19 oz (0.54 kg) with 801708, 01722, 801728, 801735, or 801736 battery Display Tripod Socket 2 line x 12 character LCD 1/4-20 female thread

Power Supply/Charger (P/N 2613210) Input Voltage Range 100 to 240 VAC. 50 to 60 Hz

Input Voltage Range Output Voltage 9 VDC @ 1.0 A

Maintenance Factory Clean/Calibrate User Zero Calibration

Before each use User Flow Calibration As needed Communications Interface

Recommended annually

USB 1.1 Type Connector, Instrument USB Mini-B (socket)

Minimum Computer Requirements for TrakPro™ Data Analysis Software

Communications Port Universal Serial Bus (USB) v 1.1 or higher Microsoft Windows® XP, or 7 Operating System (32-bit or 64-bit) operating systems

Battery Performance

Battery Options	Charge Time (hrs)*	Intrinsic Safety Rating	Run Time (hrs @ 1.7 L/min)
1600 mAH NiMH Pack, 4.8 V (P/N 801723)	3.0	No	7.1
1650 mAH NiMH Pack, 4.8V (P/N 801724, 801729 or 801743)	3.5	CSA**	7.5
2700 mAH NiMH Pack, 4.8 V (P/N 801722 or 801728)	5.5	No	12.0
2700 mAH NiMH Pack, 4.8 V (P/N 801735)	5.5	No	12.0
6-Cell AA-size Alkaline Pack*** (P/N 801708 or 801736 with six user-supplied AA cells)	N/A	No	22.5

*Of a fully depleted battery **All dust plugs and dust gaskets must be installed. ***Using Energizer AA-size, E91 alkaline batteries.

Battery Level Indicator

The Smart Battery Management System™ technology utilizes a built-in "gauge" in the SidePak™ battery packs. The gauge monitors battery capacity and calculates run time information by dividing capacity of the battery (mAH) by the instantaneous current consumed by the instrument (mA). This calculation is correct for current operating conditions and can change due to current (mA) consumption or changes in battery capacity.

CALIBRATION CALIB	Personal Aerosol Monitor Performance check with High Volume Sampler
Calibration Certificate No.: CC0012408 Information provided by customer Customer: Castco Testing Centre Limited Address: 33, On Kui Street, Fanling, M.T.	Preformance Check ref. Nc AS0240523-1 Report Issue Date 23/05/2024 Date of performance check 23/05/2024 23/05/2024
Equipment identification provided by customer	<u>Objective:</u>
Equipment Description Manufacturer Model No. Serial No. Assigned equipment No.	A dust meter and a Total Suspended Particulate High Volume Air Sampler (HVS) were placed together to
Aerosol Monitor TSI SidePak AM510 11208032 AAST-RSP-01	measure the Total Suspended Particulate (TSP) concentrations simultaneously to check the performance.
Certificate Information Date of Receipt: 1 August 2024 Calibration Condition: 24.3°C, 57%RH, 999hPa	Equipment Used:
Date of Calibration: 16 August 2024 Adjustment: N/A	
Due Date of Calibration: N/A Appearance: Good Calibration Procedure: ISO 21501-4:2018 Remark: N/A	Equipment Manufacturer and Model Serial Number
nan manana an a	Personal Aerosol Monitor TSI AM510 Sidepak 11208032
Reference Equipment Identification Equipment Description Model Serial No. Expiration Date	Total Suspended Particulate High Volume Air Sampler GS2310 10346
Aerosol Monitor 8534 8534182605 24 November 2024	
esult of Calibration	<u>Resustr:</u>
Adication Reference Measured reading Uncertainty Technical Technical	Equipment Measurement Result, µg/m ³
Gas Setting (mg/m ³) (mg/m ³) Error (%) (%) Requirement Reference Doc.	TSI AM510 Sidepak 64 142 224 336
Dust - PM10 0.102 0.100 -2.0 17.0 ± 10% Mfr's Spec Dust - PM10 0.198 0.199 0.5 17.0 ± 10% Mfr's Spec	High Volume Air Sampler (HVS) 41 116 181 267
Dust - PM10 0.304 0.305 0.3 17.0 ± 10% Mfr's Spec	
C FORMU	TSI AM510 Sidepak Performance check with
	400 High Volume Sampler
	350 y = 1.21x + 8.4832
	R ² = 0.9972
	₹250 ₹200
	¥ 200 9 150
	01100 ¥¥ 50
21: The estimated expanded uncertainties have been calculated in "Evaluation and expression of uncertainty in measurement" and give an internal estimated to have a level	
of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated. 21. The standard (s) and instrument used in the calibration are traceable to national or international recognized standard and are calibrated on a schedule to maintain the accuracy and good condition.	0 50 100 150 200 250 300
83. The result reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long term stability of the instrument.	High Volume Air Sampler (HVS), μg/m ³
44. The result shows in this calibration certificate relate only to the item calibrated, and the result only applies to the calibration item as received. 55. Calibration item/ parameter marked with * is out of scope of Cali Lab Limited (AZLA 3815.01).	
Calibrated By: Checked and Approved By: Company Chop:	
	Tested by :
ATTUR Vend	Name : (Poon Tsz Wing) Name : (Choy Ching Yee)
Wing Cheng Warren Yeung Certificate Issue Date: 19 August 2024	Form No. ENV CAL SAMPLER CC1 dd12/12/2003
*** End of Certificate ***	

Cal Lab Limited 校正 Room 2103, Technology Plaza, 25		Р	'ersonal Aerosol Monitor Perfor	nance check with High Volume Sampler
Tsuen Wan, NT, Hong Kong Tel: +852 25680106 Email: i	nfo@callab.com.hk	a		
CALIBRATION Fax: +852 30116194 Websit	e: www.callab.com.hk Certifiate #3813			
Calibration Certificate No.: CC0022408 Information provided by customer Customer: Castco Testing Centre Limited Address: 33, On Kui Street, Fanling, N.T.			ance Check ref. Nc AS0240523-4 performance check 23/05/2024	Report Issue Date 23/05/2024
		Objective	<u>e:</u>	
Equipment identification provided by customer Equipment Description Manufacturer Model N				igh Volume Air Sampler (HVS) were placed together to
Aerosol Monitor TSI SidePak	AM510 11506014 AAST-RSP-09			oncentrations simultaneously to check the performance.
Certificate Information Date of Receipt: 1 August 2024	Calibration Condition: 24.3°C, 57%RH, 999h		ent Used:	
Date of Calibration: 16 August 2024 Due Date of Calibration: N/A	Adjustment: N/A Appearance: Good		Equipment	Manufacturer and Model Serial Number
Calibration Procedure: ISO 21501-4:2018	Remark: N/A		Personal Aerosol Monitor	TSI AM510 Sidepak 11506014
Reference Equipment Identification		Total S	aspended Particulate High Volume Air S	ampler GS2310 10346
Equipment Description Model Aerosol Monitor 8534	Serial No. Expiration Date 8534182605 24 November 2024	Resusit:		
Result of Calibration				
Indication	Uncertainty Technical Tech	T	Equipment TSI AM510 Sidepak 72	Measurement Result, µg/m ³ 153 264 357
Gas Reference Measured reading Setting (mg/m ³) (mg/m ³)	Error (%) (%) Requirement Referen	e Doc.	olume Air Sampler (HVS) 41	116 181 267
Dust - PM10 0.102 0.097 Dust - PM10 0.198 0.194	-5.0 17.0 ± 10% Mfr's -2.0 17.0 ± 10% Mfr's		TEL AMPIA Elden	k Performance check with
Dust - PM10 0.304 0.298	-2.0 17.0 ± 10% Mfr's	pec		olume Sampler
			350	y = 1.295x + 15.637
			€ 300	R ² = 0.9917
			≧250 1 200	
			150	
			9 100	
			\$ 50	
			<	
			2 0 50 100	150 200 250 300
of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stat	nd expression of uncertainty in measurement" and give an internal estimated to 1 ed out-out-out-out-out-out-out-out-out-out-		2 0 50 100	150 200 250 300 Jolume Air Sampler (HVS), µg/m ³
of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stat Note2: The standard b) and instrument used in the calibration are traceable to ne accuracy and good condition. Note3: The neuk reported in this certificate refer to the condition of the instrume	nd expression of uncertainty in measurement" and give an internal estimated to 1 ed. Social or international recognized standard and accossibilities of a schedule to m rd on the date of calibration and carry no implication regarding the long term stat	ntain the	2 0 50 100	
of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stat hote2: The standard (s) and instrument used in the calibration are traceable to na accuracy and good condition.	ed. tional or international recognized standard and are calibrated on a schedule to m et on the date of calibration and carry no implication regarding the long term stal et and the essals only applies to the calibration litem as received.	ntain the		
ef cardience of ISSA. A coverage factor of 2 is assumed unics of mices opticity stat The standard dy and instrument used in the calibration are traceable to an accuracy and good condition. Facilit: The result opported in this cardination cardiactor of the instrument mices. The result operation in this calibration cardiactor exist card of the instrument. There are also the instrument mandod with ⁵ is out of scope of Cal Lab Limited Nave.	ed disolar or international recognized standard and are calibrated on a schedule to m et on the date of calibration and carry no implication regarding the long term stal ed, and the result only applies to the calibration item as received. (ARXA 3815.01).	news the		lolume Air Sampler (HVS), μg/m ³
of confidence of DSK. A coverage factor of 2 is assumed unless opticity stati NetWork Test startand (b) and instrument used in the collibration are traceable to na accuracy and good condition. NetWork Testand regarded on this confiscer refer to the condition of the instrume instrument. Network The remain thesain his calibration confiscer refer to the tem collibrar	ed disolar or international recognized standard and are calibrated on a schedule to m et on the date of calibration and carry no implication regarding the long term stal ed, and the result only applies to the calibration item as received. (ARXA 3815.01).	nen the ey of the Tested by Name :	y:	Checked by :
ef cardience of ISSA. A coverage factor of 2 is assumed unics of mices opticity stat The standard dy and instrument used in the calibration are traceable to an accuracy and good condition. Facilit: The result opported in this cardination cardiactor of the instrument mices. The result operation in this calibration cardiactor exist card of the instrument. There are also the instrument mandod with ⁵ is out of scope of Cal Lab Limited Nave.	ed disolar or international recognized standard and are calibrated on a schedule to m et on the date of calibration and carry no implication regarding the long term stal ed, and the result only applies to the calibration item as received. (ARXA 3815.01).	nen the ey of the Tested by Name :	y: (Poon Tsz Wing	Checked by :

Catalogue of Weather Station 7 Cabled Vantage Pro2™ 6152C Vantage Pro2 & Vantage Pro2 Plus™ Stations 6162C Ultra Violet (UV) Radiation Index (requires UV sensor) Vantage Pro2[™] Range 0 to 16 Index High)) The Vantage Pro2[™] (# 6152C) and Vantage Pro2[™] Plus (# 6162C) cabled weather stations include two components: the Integrated Sensor Suite (ISS) and the console. The ISS contains the sensor interface module (SIM), rain collector, an anemometer, and a passive radiation shield. The Vantage Pro2 console provides the user interface, data display, and calculations. The Vantage Pro2 Plus weather station includes two additional sensors that are optional on the Current Graph Data...... Instant Reading and Hourly Average: Daily, Monthly High Vantage Pro2 and purchased separately: the UV Sensor and the Solar Radiation Sensor. The console and ISS are powered by an AC-power adapter connected to the console. Batteries can be installed in the console to provide a backup power supply. Use WeatherLink[®] to let your weather station interface with a computer, log data, and upload weather information to the Internet. The 6152C and 6162C models rely on passive shielding to reduce solar-radiation induced temperature errors in the outside temperature sensor readings. Wind Wind Chill (Calculated) Integrated Sensor Suite (ISS) the nearest 1°C console and ISS Source..... United States National Weather Service (NWS)/NOAA Equation Used Osczevski (1995) (adopted by US NWS in 2001) Cable Type 4-conductor, 26 AWG Variables Used Avg. Wind Speed Current Display Data Instant Calculation Maximum displayable wind decreases as the length of cable increases, at 140° (42 m) of cable, the maximum wind speed displayed is 135 mph (60 Current Graph Data Instant Calculation; Hourly, Daily and Monthly Low m/s); at 240' (73 m), the maximum wind speed displayed is 100 mph (34 m/s). Historical Graph Data. Hourly, Daily and Monthly Lows Wind Speed Sensor Solid state magnetic sensor Alarm..... Low Threshold from Instant Calculation Wind Direction Sensor Wind vane with potentiometer Wind Direction Range 1 - 360° (214 cm²) collection area Temperature Sensor Type..... PN Junction Silicon Diode Relative Humidity Sensor Type Film capacitor element Accuracy ±3° Update Interval 2.5 to 3 seconds Sensor Inputs Current Graph Data Instant Reading (user adjustable); 10-min. Dominant; Hourly, Daily, RF Filtering RC low-pass filter on each signal line Monthly Dominant ISS Dimensions(not including anemometer or bird spikes); Monthly Dominants Wind Speed Resolution and Units 1 mph, 1 km/h, 0.4 m/s, or 1 knot (user-selectable) Measured in mph; Vantage Pro2 with Fan-Asprated Rad Shield..... 20.8" x 9.4" x 16.0" (528 mm x 239 mm x 406 mm) other units are converted from mph and rounded to nearest 1 km/hr. 0.1 Vantage Pro2 Plus with Standard Rad Shield 14.3" x 9.7" x 14.5" (363 mm x 246 mm x 368 mm) m/s or 1 knot Vantage Pro2 Plus with Fan-Aspirated Rad Shield 21.1" x 9.7" x 16.0" (536 mm x 246 mm x 406 mm) Update Interval Instant Reading: 2.5 to 3 seconds, 10-minute Average: 1 minute length of cable from anemometer to ISS increases.) Current Display Data Instant Current Graph Data Instant Reading; 10-minute and Hourly Average; Hourly High; Daily, Davis Instruments 3465 Diablo Ave., Hayward, CA 94545-2778 USA (510) 732-9229 - FAX (510) 670-0589 - sales@davisinstruments.com - www.davisinstruments.com Monthly and Yearly High with Direction of High DS6152C, 6162C Rev. W 12/7/18 Highs with Direction of Highs High Thresholds from Instant Reading and 10-minute Average Alarms

	Calibustian Cartificate of Weath on Station
(Calibration Certificate of Weather Station
CALIBRATION	Cal Lab Limited 校正實驗室有限公司 Room 2103, Technology Plaza, 29-35 Sha Tsui Road, Tsuen Wan, NT, Hong Kong Tsuen Wan, NT, Hong Kong Tsuen Wash, NT, Hong Kong Website: www.callab.com.hk
Information Customer- Address:	I Certificate No.: CC0852407 provided by customer Castco Testing Centre Limited 33, On Kui Street, Fanling, N.T.
	dentification provided by customer
Equipment t Weather Sta	
Certificate Date of Rec Date of Cali	Information eipt: 18 July 2024 Calibration Condition: 24.4°C, 54%RH, 998hPa bration: 24 July 2024 Adjustment: N/A Calibration: N/A Appearance: Good
Deference	Equipment Identification
Equipment	Description Model Serial No. Expiration Date
Platinum re Humidity se	sistance thermometer KPPRHT-A-1 KCI I-1095, KCI P-1095 9 November 2024 ensor KPPRHT-A-1 KCI I-1095, KCI P-1095 9 November 2024
Hot Wire A	
ef confide The standard Note:: The standard Note:: The standard Note:: The standard	end regrended increntinies have base adolated in Traduation and expression of accentainty is measurement," and give an internot estimated to have a level or 95%. Accentage forter 07 is assumed whicks applicity assumed. If goal condition, we traduate the informational receptived disedant and are calibrated and are calibrated to market the digoal condition. regarded in this certificate refer to the ceredition of the internet of the data of calibrations and carry no implications are stability of the
Approved	
Warren Ye	
	ate shall not be reproduced except in full, without written approval of Cal Lab Limited CC0852407 ate is issued subject to the latest Terms and Conditions, available at our web site Page 1 of 2

Appendix G – Weather information

General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)
01/12/2024	17.6	22.7	0
02/12/2024	18.8	23.8	0
03/12/2024	19.7	24.9	0
04/12/2024	21.4	23.9	0
05/12/2024	20.7	23.3	0
06/12/2024	20.2	23.3	0
07/12/2024	17.9	23.3	0
08/12/2024	16	21.6	0
09/12/2024	17.1	20.2	0
10/12/2024	19.2	22.4	0
11/12/2024	20	25.2	0
12/12/2024	17.1	22	0
13/12/2024	15.6	20.7	0
14/12/2024	13.8	17.3	0
15/12/2024	13	17	Trace
16/12/2024	14.4	18.7	0
17/12/2024	15.5	20.4	0
18/12/2024	16.6	20.9	0
19/12/2024	13.7	18.1	0
20/12/2024	11.9	17.7	0
21/12/2024	13.9	20.2	0
22/12/2024	13.5	18	0
23/12/2024	15.1	17.5	0
24/12/2024	15.6	19.1	0
25/12/2024	16.6	20.6	Trace
26/12/2024	18	22.9	0
27/12/2024	18.1	20.9	0
28/12/2024	15.1	18.8	0
29/12/2024	13.3	17.4	0
30/12/2024	14.3	20.4	0
31/12/2024	17.6	22.6	Trace

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

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2024&m=12

Date	Time	Wind Speed (m/s)	Wind Direction												
01/12/2024	0:00	0.4	112.5	02/12/2024	0:00	2.2	135	03/12/2024	0:00	1.3	247.5	04/12/2024	0:00	0.9	22.5
01/12/2024	1:00	0.4	90	02/12/2024	1:00	2.2	112.5	03/12/2024	1:00	1.3	225	04/12/2024	1:00	1.3	337.5
01/12/2024	2:00	0.9	270	02/12/2024	2:00	1.8	135	03/12/2024	2:00	1.3	202.5	04/12/2024	2:00	0.9	45
01/12/2024	3:00	0.4	135	02/12/2024	3:00	1.8	157.5	03/12/2024	3:00	1.3	90	04/12/2024	3:00	0.9	67.5
01/12/2024	4:00	0.4	135	02/12/2024	4:00	0.4	90	03/12/2024	4:00	1.3	22.5	04/12/2024	4:00	1.8	112.5
01/12/2024	5:00	0.4	112.5	02/12/2024	5:00	0.8	135	03/12/2024	5:00	1.3	90	04/12/2024	5:00	1.8	135
01/12/2024	6:00	0.4	247.5	02/12/2024	6:00	0.8	112.5	03/12/2024	6:00	1.3	225	04/12/2024	6:00	2.2	90
01/12/2024	7:00	0.9	202.5	02/12/2024	7:00	0.8	90	03/12/2024	7:00	1.3	247.5	04/12/2024	7:00	2.7	337.5
01/12/2024	8:00	0.4	112.5	02/12/2024	8:00	0.8	90	03/12/2024	8:00	1.8	247.5	04/12/2024	8:00	2.2	90
01/12/2024	9:00	1.3	90	02/12/2024	9:00	0.8	135	03/12/2024	9:00	1.8	112.5	04/12/2024	9:00	1.3	22.5
01/12/2024	10:00	1.8	112.5	02/12/2024	10:00	1.3	90	03/12/2024	10:00	0.9	45	04/12/2024	10:00	1.8	67.5
01/12/2024	11:00	1.3	112.5	02/12/2024	11:00	0.8	135	03/12/2024	11:00	0.9	135	04/12/2024	11:00	1.8	45
01/12/2024	12:00	1.3	112.5	02/12/2024	12:00	0.8	90	03/12/2024	12:00	0.9	112.5	04/12/2024	12:00	1.8	112.5
01/12/2024	13:00	1.3	112.5	02/12/2024	13:00	0.8	90	03/12/2024	13:00	0.9	67.5	04/12/2024	13:00	1.8	22.5
01/12/2024	14:00	1.8	90	02/12/2024	14:00	0.8	90	03/12/2024	14:00	0.9	135	04/12/2024	14:00	0.4	112.5
01/12/2024	15:00	1.3	90	02/12/2024	15:00	0.8	90	03/12/2024	15:00	0.4	135	04/12/2024	15:00	1.3	90
01/12/2024	16:00	0.9	112.5	02/12/2024	16:00	0.4	67.5	03/12/2024	16:00	0.4	135	04/12/2024	16:00	0.9	45
01/12/2024	17:00	0.9	112.5	02/12/2024	17:00	0.8	67.5	03/12/2024	17:00	0.9	135	04/12/2024	17:00	0.4	45
01/12/2024	18:00	0.9	112.5	02/12/2024	18:00	1.3	90	03/12/2024	18:00	0.9	112.5	04/12/2024	18:00	0.4	292.5
01/12/2024	19:00	0.4	112.5	02/12/2024	19:00	1.3	135	03/12/2024	19:00	1.3	112.5	04/12/2024	19:00	0.9	22.5
01/12/2024	20:00	0.4	112.5	02/12/2024	20:00	1.3	135	03/12/2024	20:00	1.8	135	04/12/2024	20:00	1.3	315
01/12/2024	21:00	1.8	90	02/12/2024	21:00	1.3	135	03/12/2024	21:00	1.8	112.5	04/12/2024	21:00	1.8	337.5
01/12/2024	22:00	1.3	112.5	02/12/2024	22:00	1.3	135	03/12/2024	22:00	0.9	157.5	04/12/2024	22:00	1.3	315
01/12/2024	23:00	1.3	112.5	02/12/2024	23:00	1.3	135	03/12/2024	23:00	1.3	112.5	04/12/2024	23:00	1.3	67.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Hong Kong Children's Hospital

Date	Time	Wind Speed (m/s)	Wind Direction												
05/12/2024	0:00	0.4	157.5	06/12/2024	0:00	1.3	135	07/12/2024	0:00	1.8	90	08/12/2024	0:00	1.3	292.5
05/12/2024	1:00	0.9	202.5	06/12/2024	1:00	1.3	135	07/12/2024	1:00	1.8	135	08/12/2024	1:00	0.4	270
05/12/2024	2:00	0.4	112.5	06/12/2024	2:00	1.8	135	07/12/2024	2:00	1.3	135	08/12/2024	2:00	0.9	247.5
05/12/2024	3:00	0.9	157.5	06/12/2024	3:00	1.8	247.5	07/12/2024	3:00	1.8	90	08/12/2024	3:00	0.4	225
05/12/2024	4:00	0.9	90	06/12/2024	4:00	0.9	202.5	07/12/2024	4:00	2.2	90	08/12/2024	4:00	0.4	292.5
05/12/2024	5:00	0.9	90	06/12/2024	5:00	0.4	67.5	07/12/2024	5:00	3.1	315	08/12/2024	5:00	0.9	315
05/12/2024	6:00	0.9	22.5	06/12/2024	6:00	0.4	67.5	07/12/2024	6:00	1.3	112.5	08/12/2024	6:00	0.9	247.5
05/12/2024	7:00	0.9	90	06/12/2024	7:00	0.4	45	07/12/2024	7:00	1.8	135	08/12/2024	7:00	1.3	225
05/12/2024	8:00	0.9	45	06/12/2024	8:00	1.3	112.5	07/12/2024	8:00	1.8	202.5	08/12/2024	8:00	1.3	157.5
05/12/2024	9:00	1.3	90	06/12/2024	9:00	1.3	315	07/12/2024	9:00	1.8	135	08/12/2024	9:00	1.3	202.5
05/12/2024	10:00	1.3	90	06/12/2024	10:00	0.9	135	07/12/2024	10:00	0.9	112.5	08/12/2024	10:00	0.9	202.5
05/12/2024	11:00	0.9	22.5	06/12/2024	11:00	0.4	292.5	07/12/2024	11:00	0.9	112.5	08/12/2024	11:00	1.3	247.5
05/12/2024	12:00	1.3	315	06/12/2024	12:00	0.9	135	07/12/2024	12:00	0.4	135	08/12/2024	12:00	0.9	90
05/12/2024	13:00	1.8	45	06/12/2024	13:00	0.4	45	07/12/2024	13:00	0.9	157.5	08/12/2024	13:00	0.4	90
05/12/2024	14:00	1.8	22.5	06/12/2024	14:00	0.4	315	07/12/2024	14:00	0.4	135	08/12/2024	14:00	0.4	135
05/12/2024	15:00	0.9	292.5	06/12/2024	15:00	0.4	22.5	07/12/2024	15:00	0.4	202.5	08/12/2024	15:00	0.9	135
05/12/2024	16:00	0.9	67.5	06/12/2024	16:00	0.9	112.5	07/12/2024	16:00	0.4	247.5	08/12/2024	16:00	0.4	270
05/12/2024	17:00	1.3	292.5	06/12/2024	17:00	0.4	45	07/12/2024	17:00	0.4	247.5	08/09/2026	17:00	0.4	315
05/12/2024	18:00	1.8	112.5	06/12/2024	18:00	0.4	112.5	07/12/2024	18:00	0.4	247.5	08/12/2024	18:00	0.4	112.5
05/12/2024	19:00	1.8	135	06/12/2024	19:00	0.4	45	07/12/2024	19:00	0.9	247.5	08/12/2024	19:00	0.4	157.5
05/12/2024	20:00	0.9	135	06/12/2024	20:00	0.9	67.5	07/12/2024	20:00	1.3	202.5	08/12/2024	20:00	0.4	202.5
05/12/2024	21:00	0.9	135	06/12/2024	21:00	0.9	112.5	07/12/2024	21:00	1.8	202.5	08/12/2024	21:00	0.4	112.5
05/12/2024	22:00	0.9	315	06/12/2024	22:00	0.9	22.5	07/12/2024	22:00	1.3	225	08/12/2024	22:00	0.4	247.5
05/12/2024	23:00	0.9	112.5	06/12/2024	23:00	0.9	90	07/12/2024	23:00	2.2	247.5	08/12/2024	23:00	0.4	270

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Hong Kong Children's Hospital

Date	Time	Wind Speed (m/s)	Wind Direction												
09/12/2024	0:00	0.9	90	10/12/2024	0:00	0.4	135	11/12/2024	0:00	0.4	157.5	12/12/2024	0:00	0.9	337.5
09/12/2024	1:00	0.9	315	10/12/2024	1:00	0.9	112.5	11/12/2024	1:00	0.4	135	12/12/2024	1:00	0.4	90
09/12/2024	2:00	0.9	337.5	10/12/2024	2:00	0.9	112.5	11/12/2024	2:00	0.4	112.5	12/12/2024	2:00	0.4	22.5
09/12/2024	3:00	1.3	337.5	10/12/2024	3:00	0.4	67.5	11/12/2024	3:00	0.4	112.5	12/12/2024	3:00	0.4	22.5
09/12/2024	4:00	0.9	270	10/12/2024	4:00	1.3	112.5	11/09/2028	4:00	0.4	112.5	12/12/2024	4:00	0.9	157.5
09/12/2024	5:00	0.4	315	10/12/2024	5:00	0.9	90	11/12/2024	5:00	0.4	90	12/12/2024	5:00	0.4	157.5
09/12/2024	6:00	0	337.5	10/12/2024	6:00	0.9	90	11/12/2024	6:00	0.4	67.5	12/12/2024	6:00	0.4	45
09/12/2024	7:00	0.4	22.5	10/12/2024	7:00	1.3	45	11/12/2024	7:00	0.4	337.5	12/12/2024	7:00	0.4	90
09/12/2024	8:00	0	22.5	10/10/2224	8:00	1.3	90	11/12/2024	8:00	0.9	22.5	12/12/2024	8:00	0.9	135
09/12/2024	9:00	0	22.5	10/12/2024	9:00	0.9	67.5	11/12/2024	9:00	0.4	90	12/12/2024	9:00	0.9	112.5
09/12/2024	10:00	0	22.5	10/12/2024	10:00	0.9	90	11/12/2024	10:00	0.4	67.5	12/12/2024	10:00	0	337.5
09/12/2024	11:00	0.4	22.5	10/12/2024	11:00	0.4	112.5	11/09/2026	11:00	0.4	202.5	12/12/2024	11:00	0	270
09/12/2024	12:00	0.4	45	10/12/2024	12:00	0.4	67.5	11/12/2024	12:00	0.4	90	12/12/2024	12:00	0.4	225
09/12/2024	13:00	0.4	337.5	10/12/2024	13:00	1.3	67.5	11/12/2024	13:00	0.4	180	12/12/2024	13:00	0.4	112.5
09/12/2024	14:00	0.4	22.5	10/12/2024	14:00	0.9	135	11/12/2024	14:00	0.4	45	12/12/2024	14:00	0.9	112.5
09/12/2024	15:00	0.4	157.5	10/12/2024	15:00	0.4	135	11/12/2024	15:00	0.4	45	12/12/2024	15:00	0.4	67.5
09/12/2024	16:00	0.9	112.5	10/12/2024	16:00	0.9	112.5	11/12/2024	16:00	0.9	67.5	12/12/2024	16:00	0.4	67.5
09/12/2024	17:00	0.4	90	10/12/2024	17:00	0.4	112.5	11/12/2024	17:00	0.9	22.5	12/12/2024	17:00	1.3	112.5
09/12/2024	18:00	0.9	90	10/12/2024	18:00	0.4	112.5	11/12/2024	18:00	1.3	22.5	12/12/2024	18:00	0.9	112.5
09/12/2024	19:00	1.3	45	10/12/2024	19:00	0.4	112.5	11/12/2024	19:00	0.9	337.5	12/12/2024	19:00	0.4	45
09/12/2024	20:00	0.9	292.5	10/12/2024	20:00	0.4	112.5	11/12/2024	20:00	0.9	247.5	12/12/2024	20:00	0.4	247.5
09/12/2024	21:00	0.4	90	10/12/2024	21:00	0.4	67.5	11/12/2024	21:00	0.4	247.5	12/12/2024	21:00	0.4	247.5
09/12/2024	22:00	0.4	45	10/12/2024	22:00	0.9	67.5	11/12/2024	22:00	0.4	247.5	12/12/2024	22:00	0.9	180
09/12/2024	23:00	0.9	90	10/12/2024	23:00	1.3	292.5	11/12/2024	23:00	0.4	225	12/12/2024	23:00	0.4	90

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Hong Kong Children's Hospital

Date	Time	Wind Speed (m/s)	Wind Direction												
13/12/2024	0:00	0.4	22.5	14/12/2024	0:00	1.3	112.5	15/12/2024	0:00	0.4	112.5	16/12/2024	0:00	0.4	112.5
13/12/2024	1:00	0.4	112.5	14/12/2024	1:00	0.9	135	15/12/2024	1:00	0.4	90	16/12/2024	1:00	0.4	135
13/12/2024	2:00	0.4	22.5	14/12/2024	2:00	0.9	90	15/12/2024	2:00	1.3	112.5	16/12/2024	2:00	0.4	90
13/12/2024	3:00	0.4	247.5	14/12/2024	3:00	0.4	135	15/12/2024	3:00	0.9	247.5	16/12/2024	3:00	0.4	112.5
13/12/2024	4:00	0.9	270	14/12/2024	4:00	0.4	135	15/12/2024	4:00	0	112.5	16/12/2024	4:00	0.4	135
13/12/2024	5:00	0.9	45	14/12/2024	5:00	0.4	112.5	15/12/2024	5:00	0	45	16/12/2024	5:00	0.4	90
13/12/2024	6:00	0.9	90	14/12/2024	6:00	0.9	135	15/12/2024	6:00	0.4	337.5	16/12/2024	6:00	0.4	90
13/12/2024	7:00	0.9	270	14/12/2024	7:00	0.4	135	15/12/2024	7:00	0.4	135	16/12/2024	7:00	0.4	112.5
13/12/2024	8:00	0.4	270	14/12/2024	8:00	0.9	22.5	15/12/2024	8:00	0.4	337.5	16/12/2024	8:00	0.9	112.5
13/12/2024	9:00	0.9	247.5	14/12/2024	9:00	0.4	45	15/12/2024	9:00	0.4	90	16/12/2024	9:00	0.4	112.5
13/12/2024	10:00	0.9	247.5	14/12/2024	10:00	0.9	337.5	15/12/2024	10:00	0.9	180	16/12/2024	10:00	0.4	112.5
13/12/2024	11:00	0.9	247.5	14/12/2024	11:00	0.4	90	15/12/2024	11:00	0	112.5	16/12/2024	11:00	0.9	112.5
13/12/2024	12:00	0.9	247.5	14/12/2024	12:00	0.4	112.5	15/12/2024	12:00	0.4	180	16/12/2024	12:00	0.4	90
13/12/2024	13:00	0.4	45	14/12/2024	13:00	1.3	67.5	15/12/2024	13:00	0.4	135	16/12/2024	13:00	0.4	112.5
13/12/2024	14:00	0.4	22.5	14/12/2024	14:00	1.3	112.5	15/12/2024	14:00	0.4	337.5	16/12/2024	14:00	0.4	90
13/12/2024	15:00	0.4	90	14/12/2024	15:00	0.9	90	15/12/2024	15:00	0.4	90	16/12/2024	15:00	0.4	90
13/12/2024	16:00	0.9	22.5	14/12/2024	16:00	1.3	45	15/12/2024	16:00	0.9	180	16/12/2024	16:00	0.9	112.5
13/12/2024	17:00	0.9	90	14/12/2024	17:00	0.9	135	15/12/2024	17:00	0	112.5	16/12/2024	17:00	0.9	112.5
13/12/2024	18:00	0.4	112.5	14/12/2024	18:00	0.9	112.5	15/12/2024	18:00	0.4	180	16/12/2024	18:00	1.3	45
13/12/2024	19:00	0.4	67.5	14/12/2024	19:00	0.4	112.5	15/12/2024	19:00	0.4	135	16/12/2024	19:00	0.9	22.5
13/12/2024	20:00	0.9	112.5	14/12/2024	20:00	0.4	135	15/12/2024	20:00	0.4	180	16/12/2024	20:00	0.4	22.5.5
13/12/2024	21:00	0.9	112.5	14/12/2024	21:00	0.4	112.5	15/12/2024	21:00	1.8	90	16/12/2024	21:00	1.3	22.5
13/12/2024	22:00	0.4	225	14/12/2024	22:00	0.4	112.5	15/12/2024	22:00	1.8	90	16/12/2024	22:00	0.9	22.5
13/12/2024	23:00	0	202.5	14/12/2024	23:00	0.4	90	15/12/2024	23:00	1.3	90	16/12/2024	23:00	0.4	292.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Hong Kong Children's Hospital

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

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Hong Kong Children's Hospital

Date	Time	Wind Speed (m/s)	Wind Direction												
21/12/2024	0:00	0.9	315	22/12/2024	0:00	0.9	157.5	23/12/2024	0:00	0.4	202.5	24/12/2024	0:00	0.9	112.5
21/12/2024	1:00	0.4	337.5	22/12/2024	1:00	0.9	22.5	23/12/2024	1:00	0.4	202.5	24/12/2024	1:00	0.4	45
21/12/2024	2:00	0.4	90	22/12/2024	2:00	0.4	22.5	23/12/2024	2:00	0.4	135	24/12/2024	2:00	0.9	67.5
21/12/2024	3:00	0.4	135	22/12/2024	3:00	0.4	45	23/12/2024	3:00	0.4	112.5	24/12/2024	3:00	0.4	45
21/12/2024	4:00	0.9	67.5	22/12/2024	4:00	0.9	135	23/12/2024	4:00	0.4	112.5	24/12/2024	4:00	0.4	337.5
21/12/2024	5:00	1.3	225	22/12/2024	5:00	0.9	112.5	23/12/2024	5:00	0.9	112.5	24/12/2024	5:00	0.9	337.5
21/12/2024	6:00	0.9	247.5	22/12/2024	6:00	0.4	135	23/12/2024	6:00	0.9	135	24/12/2024	6:00	0.4	337.5
21/12/2024	7:00	0.9	292.5	22/12/2024	7:00	0	135	23/12/2024	7:00	0.9	45	24/12/2024	7:00	0	0
21/12/2024	8:00	0.4	247.5	22/12/2024	8:00	0	22.5	23/12/2024	8:00	0.9	337.5	24/12/2024	8:00	0	0
21/12/2024	9:00	0.9	225	22/12/2024	9:00	0	112.5	23/12/2024	9:00	0.9	247.5	24/12/2024	9:00	0.4	337.5
21/12/2024	10:00	1.3	247.5	22/12/2024	10:00	0	112.5	23/12/2024	10:00	0.4	112.5	24/12/2024	10:00	0.9	315
21/12/2024	11:00	0.9	225	22/12/2024	11:00	0	112.5	23/12/2024	11:00	1.3	112.5	24/12/2024	11:00	0.4	315
21/12/2024	12:00	0.9	270	22/12/2024	12:00	0.4	112.5	23/12/2024	12:00	0.9	112.5	24/12/2024	12:00	0.9	90
21/12/2024	13:00	0.9	270	22/12/2024	13:00	0.4	315	23/12/2024	13:00	0.4	315	24/12/2024	13:00	0.9	270
21/12/2024	14:00	1.8	45	22/12/2024	14:00	0.4	67.5	23/12/2024	14:00	0.4	67.5	24/12/2024	14:00	0.4	112.5
21/12/2024	15:00	1.3	22.5	22/12/2024	15:00	0.9	112.5	23/12/2024	15:00	0	22.5	24/12/2024	15:00	0.4	45
21/12/2024	16:00	0.9	157.5	22/12/2024	16:00	0.9	90	23/12/2024	16:00	0	315	24/12/2024	16:00	0.9	90
21/12/2024	17:00	0.4	22.5	22/12/2024	17:00	0.9	67.5	23/12/2024	17:00	0.4	45	24/12/2024	17:00	0.9	90
21/12/2024	18:00	0.9	112.5	22/12/2024	18:00	0.4	90	23/12/2024	18:00	0.9	22.5	24/12/2024	18:00	0.4	67.5
21/12/2024	19:00	0.4	112.5	22/12/2024	19:00	0.4	112.5	23/12/2024	19:00	0.9	292.5	24/12/2024	19:00	0.4	90
21/12/2024	20:00	1.3	112.5	22/12/2024	20:00	3.1	90	23/12/2024	20:00	0.9	67.5	24/12/2024	20:00	0.9	45
21/12/2024	21:00	0.9	112.5	22/12/2024	21:00	2.7	67.5	23/12/2024	21:00	0.9	292.5	24/12/2024	21:00	0.4	270
21/12/2024	22:00	0.4	315	22/12/2024	22:00	1.3	337.5	23/12/2024	22:00	0.9	112.5	24/12/2024	22:00	0.4	90
21/12/2024	23:00	0.4	67.5	22/12/2024	23:00	1.3	90	23/12/2024	23:00	0.9	135	24/12/2024	23:00	0.9	337.5

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Hong Kong Children's Hospital

Date	Time	Wind Speed (m/s)	Wind Direction												
25/12/2024	0:00	0.9	112.5	26/12/2024	0:00	0.4	22.5	27/12/2024	0:00	0.9	135	28/12/2024	0:00	0.4	90
25/12/2024	1:00	0.9	90	26/12/2024	1:00	0.9	135	27/12/2024	1:00	1.3	135	28/12/2024	1:00	0.4	90
25/12/2024	2:00	1.8	112.5	26/12/2024	2:00	0.9	157.5	27/12/2024	2:00	0.9	315	28/12/2024	2:00	0.4	67.5
25/12/2024	3:00	1.3	90	26/12/2024	3:00	0.9	157.5	27/12/2024	3:00	1.3	112.5	28/12/2024	3:00	0.4	90
25/12/2024	4:00	1.3	112.5	26/12/2024	4:00	0.9	112.5	27/12/2024	4:00	0.9	135	28/12/2024	4:00	0.9	45
25/12/2024	5:00	1.3	135	26/12/2024	5:00	0.9	90	27/12/2024	5:00	0.4	45	28/12/2024	5:00	0.4	270
25/12/2024	6:00	1.3	90	26/12/2024	6:00	0.9	90	27/12/2024	6:00	0.4	135	28/12/2024	6:00	0.4	90
25/12/2024	7:00	1.3	90	26/12/2024	7:00	1.8	112.5	27/12/2024	7:00	0.9	135	28/12/2024	7:00	0.9	337.5
25/12/2024	8:00	0.9	90	26/12/2024	8:00	1.3	67.5	27/12/2024	8:00	0.9	90	28/12/2024	8:00	0.4	90
25/12/2024	9:00	1.3	112.5	26/12/2024	9:00	1.8	67.5	27/12/2024	9:00	0.9	135	28/12/2024	9:00	0.4	112.5
25/12/2024	10:00	1.3	112.5	26/12/2024	10:00	0.4	112.5	27/12/2024	10:00	0.9	112.5	28/12/2024	10:00	0.9	67.5
25/12/2024	11:00	0.9	90	26/12/2024	11:00	0.4	112.5	27/12/2024	11:00	0.4	112.5	28/12/2024	11:00	0.9	90
25/12/2024	12:00	1.3	112.5	26/12/2024	12:00	0.4	112.5	27/12/2024	12:00	0.4	112.5	28/12/2024	12:00	0.9	270
25/12/2024	13:00	1.3	135	26/12/2024	13:00	0.9	112.5	27/12/2024	13:00	1.3	67.5	28/12/2024	13:00	0.4	112.5
25/12/2024	14:00	1.3	112.5	26/12/2024	14:00	0.9	135	27/12/2024	14:00	0.9	90	28/12/2024	14:00	1.3	45
25/12/2024	15:00	1.3	90	26/12/2024	15:00	1.3	112.5	27/12/2024	15:00	0.4	90	28/12/2024	15:00	0.9	90
25/12/2024	16:00	1.3	135	26/12/2024	16:00	1.3	112.5	27/12/2024	16:00	0.4	67.5	28/12/2024	16:00	0.9	90
25/12/2024	17:00	1.3	112.5	26/12/2024	17:00	0.4	135	27/12/2024	17:00	0.4	112.5	28/12/2024	17:00	0.4	67.5
25/12/2024	18:00	0.9	112.5	26/12/2024	18:00	0.9	135	27/12/2024	18:00	0.9	90	28/12/2024	18:00	0.4	90
25/12/2024	19:00	0.4	247.5	26/12/2024	19:00	0.9	90	27/12/2024	19:00	0.4	112.5	28/12/2024	19:00	0.9	45
25/12/2024	20:00	0.4	135	26/12/2024	20:00	0.9	135	27/12/2024	20:00	0.4	90	28/12/2024	20:00	0.4	270
25/12/2024	21:00	0.9	270	26/12/2024	21:00	0.9	112.5	27/12/2024	21:00	0.4	112.5	28/12/2024	21:00	0.4	90
25/12/2024	22:00	1.3	45	26/12/2024	22:00	0.4	112.5	27/12/2024	22:00	1.3	67.5	28/12/2024	22:00	0.9	337.5
25/12/2024	23:00	0.9	112.5	26/12/2024	23:00	0.4	112.5	27/12/2024	23:00	1.3	112.5	28/12/2024	23:00	0.4	90

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Hong Kong Children's Hospital

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
29/12/2024	0:00	0.9	315	30/12/2024	0:00	0.9	90	31/12/2024	0:00	0.4	292.5				
29/12/2024	1:00	0.4	315	30/12/2024	1:00	0.9	270	31/12/2024	1:00	0.4	292.5				
29/12/2024	2:00	0.9	90	30/12/2024	2:00	0.4	112.5	31/12/2024	2:00	0	247.5				
29/12/2024	3:00	0.9	270	30/12/2024	3:00	0.9	135	31/12/2024	3:00	0.4	202.5				
29/12/2024	4:00	0.4	112.5	30/12/2024	4:00	0.9	112.5	31/12/2024	4:00	0.4	247.5				
29/12/2024	5:00	0	45	30/12/2024	5:00	0.4	90	31/12/2024	5:00	0.4	247.5				
29/12/2024	6:00	0.4	90	30/12/2024	6:00	0.4	45	31/12/2024	6:00	0.4	247.5				
29/12/2024	7:00	0.4	90	30/12/2024	7:00	0.4	225	31/12/2024	7:00	0.4	180				
29/12/2024	8:00	0	67.5	30/12/2024	8:00	0.4	45	31/12/2024	8:00	0.4	22.5				
29/12/2024	9:00	0	90	30/12/2024	9:00	0.9	45	31/12/2024	9:00	0.4	247.5				
29/12/2024	10:00	0.4	45	30/12/2024	10:00	0.9	45	31/12/2024	10:00	0.4	247.5				
29/12/2024	11:00	0.4	270	30/12/2024	11:00	0.4	225	31/12/2024	11:00	0	270				
29/12/2024	12:00	0.4	315	30/12/2024	12:00	0.4	112.5	31/12/2024	12:00	0.4	22.5				
29/12/2024	13:00	0.9	292.5	30/12/2024	13:00	0.9	202.5	31/12/2024	13:00	0.9	202.5				
29/12/2024	14:00	0.4	270	30/12/2024	14:00	0.4	135	31/12/2024	14:00	0.9	135				
29/12/2024	15:00	0.4	202.5	30/12/2024	15:00	0.4	90	31/12/2024	15:00	0.4	90				
29/12/2024	16:00	0.4	337.5	30/12/2024	16:00	0.4	90	31/12/2024	16:00	0.9	90				
29/12/2024	17:00	0.4	315	30/12/2024	17:00	0.9	90	31/12/2024	17:00	0.4	90				
29/12/2024	18:00	0.4	225	30/12/2024	18:00	0.4	112.5	31/12/2024	18:00	0.4	112.5				
29/12/2024	19:00	0.4	247.5	30/12/2024	19:00	0.9	202.5	31/12/2024	19:00	0.9	202.5				
29/12/2024	20:00	0.4	45	30/12/2024	20:00	0.4	90	31/12/2024	20:00	0.4	90				
29/12/2024	21:00	0.4	247.5	30/12/2024	21:00	0.4	90	31/12/2024	21:00	0.4	90				
29/12/2024	22:00	0.4	22.5	30/12/2024	22:00	0.4	45	31/12/2024	22:00	0.9	247.5				
29/12/2024	23:00	0.4	180	30/12/2024	23:00	0.9	292.5	31/12/2024	23:00	0.4	225				

Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Hong Kong Children's Hospital

Appendix H – 24-hr TSP monitoring results and graphical presentation

Location: AM3 – Sky Tower

Start Date	Weather	Air Tem	Atmospheri c Pressure	Filter we	eight (g)	Particulat	Elapse	e Time	Samplin g Time	Flow (cf	m)	Av. Flow	Tota l vol.	Conc. (µg/m ³
Start Date	weather	р. (°С)	(hPa)	Initial	Final	weight (g)	Initial	Final	(min)	Initia 1	Fina 1	(m ³ /min)	(m ³)	(μg/m)
02/12/2024	Sunny	25.1	1015	15.281 4	15.347 1	0.0657	2024/12/2 9:26	2024/12/3 9:26	1440.0	46	46	1.28	1846	36
07/12/2024	Sunny	25.8	1020.9	15.089 7	15.262 4	0.1727	2024/12/7 13:41	2024/12/8 13:41	1440.0	48	48	1.36	1953	88
13/12/2024	Fine	17.7	1024.7	18.263 7	18.465 9	0.2022	2024/12/1 3 13:36	2024/12/1 4 13:36	1440.0	48	48	1.38	1984	102
19/12/2024	Sunny	19.9	1020.6	14.868 2	15.015 4	0.1472	2024/12/1 9 9:28	2024/12/2 0 9:28	1440.0	50	50	1.43	2056	72
24/12/2024	Sunny	19.3	1021.6	15.516 4	15.692 2	0.1758	2024/12/2 4 9:32	2024/12/2 5 9:32	1440.0	50	50	1.43	2059	85
30/12/2024	Sunny	22.7	1021.2	18.454 2	18.661 5	0.2073	2024/12/3 0 13:27	2024/12/3 1 13:27	1440.0	50	50	1.42	2047	101
												Sunr	ıy	102
												Minim	lum	36
												Avera	ıge	81
												Action I	Level	182

Location: AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop

Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. No 24-TSP monitoring was conducted at AM4(A) ET will resume the impact monitoring once the alternative monitoring location for AM4(A) is confirmed.

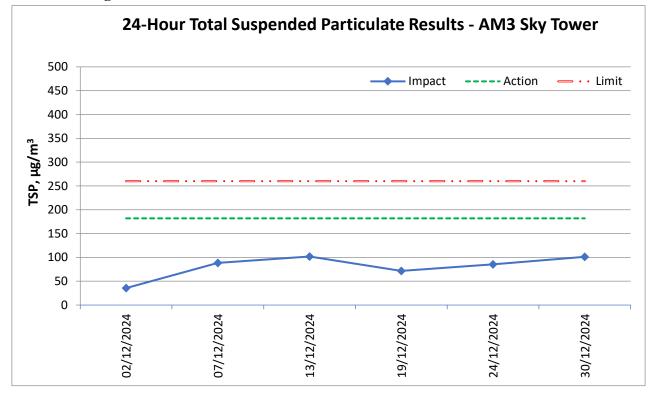
260

Limit Level

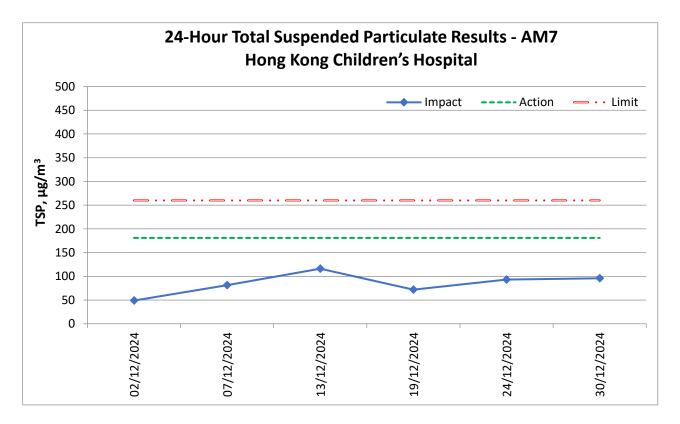
Start Date	Weather	Air Temp.	Atmospheric Pressure	Filter we	eight (g)	Particulate	Elapse	Time	Sampling Time	Flow (cf		Av. Flow	Total vol.	Conc. (µg/m ³)
		(°C)	(hPa)	Initial	Final	weight (g)	Initial	Final	(min)	Initial	Final	(m ³ /min)	(m ³)	(µg/III)
02/12/2024	Sunny	25.1	1015	14.8694	14.9629	0.0935	2024/12/2 13:28	2024/12/3 13:28	1440.0	48	48	1.33	1909	49
07/12/2024	Sunny	25.8	1020.9	18.2574	18.4151	0.1577	2024/12/7 13:33	2024/12/8 13:33	1440.0	48	48	1.35	1941	81
13/12/2024	Fine	17.7	1024.7	15.2523	15.4812	0.2289	2024/12/13 9:40	2024/12/14 9:40	1440.0	48	48	1.37	1971	116
19/12/2024	Sunny	19.9	1020.6	18.5227	18.6635	0.1408	2024/12/19 13:32	2024/12/20 13:32	1440.0	48	48	1.36	1960	72
24/12/2024	Sunny	19.3	1021.6	15.2228	15.4057	0.1829	2024/12/24 9:29	2024/12/25 9:29	1440.0	48	48	1.36	1963	93
30/12/2024	Sunny	22.7	1021.2	17.9882	18.1755	0.1873	2024/12/30 9:24	2024/12/31 9:24	1440.0	48	48	1.36	1951	96
												Sunn	ıy	116
												Minim	um	49
												Avera	ige	85
												Action I	Level	181
												Limit L	evel	260

Location: AM7 – Hong Kong Children's Hospital

24-hour average TSP



Note: Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. No 24-TSP monitoring was conducted at AM4(A). ET will resume the impact monitoring once the alternative monitoring location for AM4(A) is confirmed.



Appendix I – 1-hr TSP monitoring results and graphical presentation

Date	Measure	me	nt Period	1-hr TSP concentration, $\mu g/m^3$	Weather		
	9:00	-	10:00	33			
02/12/2024	10:00	-	11:00	38	Sunny		
	11:00	-	12:00	37			
	13:00	-	14:00	84			
07/12/2024	14:00	-	15:00	88	Sunny		
	15:00	-	16:00	85			
	13:00	-	14:00	92			
13/12/2024	14:00	-	15:00	96	Fine		
	15:00	-	16:00	96			
	9:00	-	10:00	59			
19/12/2024	10:00	-	11:00	61	Sunny		
	11:00	-	12:00	64			
	9:00	-	10:00	74			
24/12/2024	10:00	-	11:00	77	Sunny		
	11:00	-	12:00	76			
	13:00	-	14:00	97			
30/12/2024	14:00	-	15:00	98	Sunny		
	15:00	-	16:00	95			
Ν	/laximum	l		98			
Ν	Ainimum			33			
	Average			75			
	ction Leve			297			
Li	imit Leve	el		500			

Location:

AM3 -

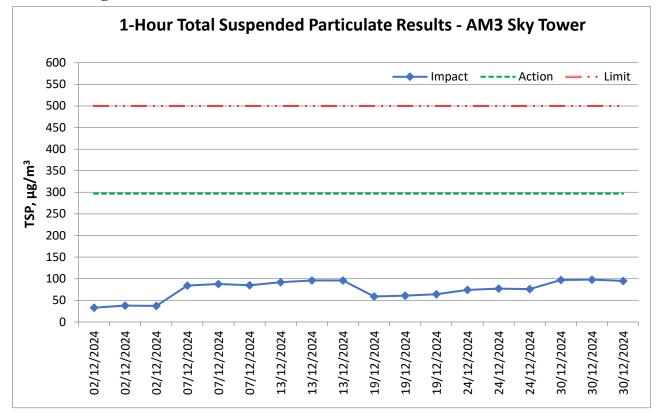
Sky Tower

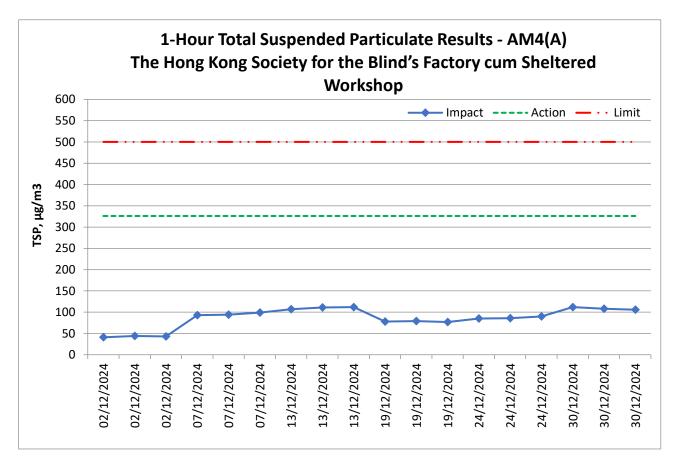
	Date	Measure	emei	nt Period	1-hr TSP concentration, µg/m ³	Weather
Location:		9:00	-	10:00	41	
AM4(A) -	02/12/2024	10:00	-	11:00	44	Sunny
The Hong Kong		11:00	-	12:00	43	
Society for the		9:00	-	10:00	93	
Blind's Factory	07/12/2024	10:00	-	11:00	94	Sunny
cum Sheltered		11:00	-	12:00	99	
Workshop		13:00	-	14:00	107	
	13/12/2024	14:00	-	15:00	111	Fine
		15:00	-	16:00	112	
		9:00	-	10:00	78	
	19/12/2024	10:00	-	11:00	79	Sunny
		11:00	-	12:00	77	
		13:00	-	14:00	85	
	24/12/2024	14:00	-	15:00	86	Sunny
		15:00	-	16:00	90	
		13:00	-	14:00	112	
	30/12/2024	14:00	-	15:00	108	Sunny
		15:00	-	16:00	106	-
	N	/laximum			112	
		Minimum			41	
		Average			87	
		tion Leve			326	
	L	imit Leve	1		500	

NOTE: Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since1 Sept 2022. 1-hr TSP monitoring at AM4(A) were conducted on the ground floor with orienting to the Project site. ET will resume the impact monitoring once the alternative monitoring location for AM4(A) is confirmed.

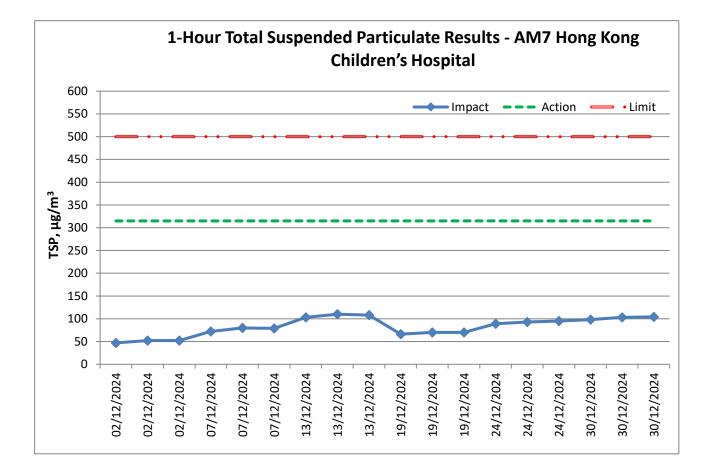
	Date	Measure	me	nt Period	1-hr TSP concentration, µg/m ³	Weather	
Location:		13:00	-	14:00	47		
AM7 -	02/12/2024	14:00	-	15:00	52	Sunny	
Hong Kong		15:00	-	16:00	52		
Children's		13:00	-	14:00	72		
Hospital	07/12/2024	14:00	-	15:00	80	Sunny	
		15:00	-	16:00	79		
		9:00	-	10:00	103		
	13/12/2024	10:00	-	11:00	110	Fine	
		11:00	-	12:00	108		
		13:00	-	14:00	66		
	19/12/2024	14:00	-	15:00	70	Sunny	
	19/12/2024	15:00	-	16:00	70		
		9:00	-	10:00	89		
	24/12/2024	10:00	-	11:00	93	Sunny	
		11:00	-	12:00	95		
		9:00	-	10:00	98		
	30/12/2024	10:00	-	11:00	103	Sunny	
		11:00	-	12:00	104		
	Ν	/laximum			110		
	Ν	Minimum			47		
		Average			83		
		ction Leve			315		
	L	imit Level	l		500		

1-hour average TSP





NOTE: Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (AM4(A)), the premises owner rejected ET to conduct impact monitoring since1 Sept 2022. 1-hr TSP monitoring at AM4(A) were conducted on the ground floor with orienting to the Project site. ET will resume the impact monitoring once the alternative monitoring location for AM4(A) is confirmed.



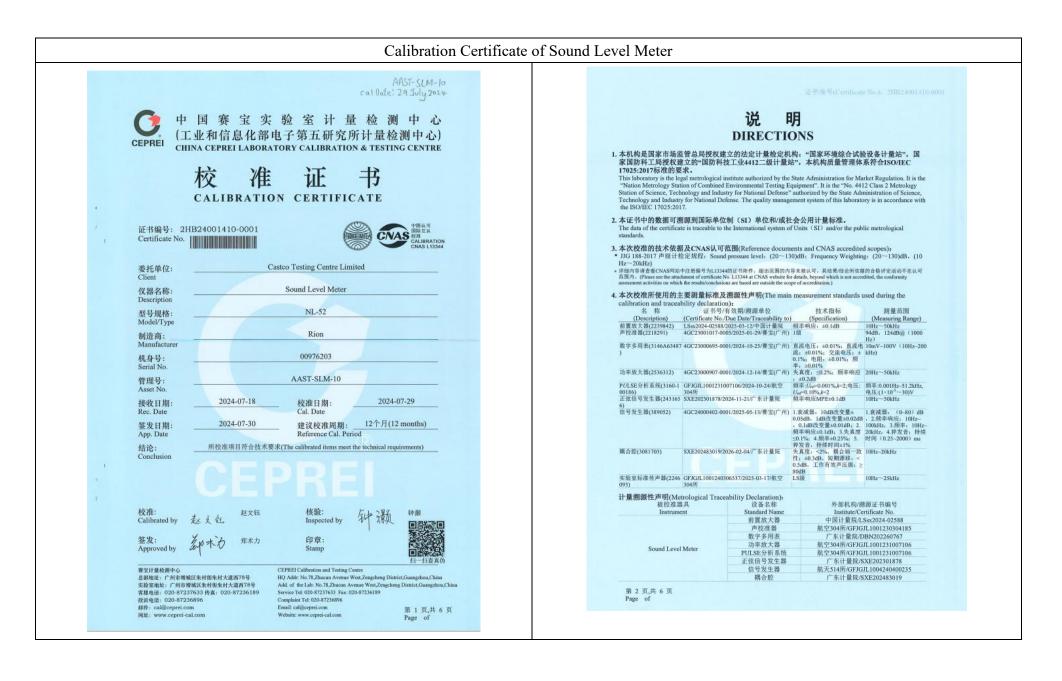
Appendix J – Event and Action Plan for air quality

		Action	n	
Event	ET	IEC	Supervisor / ER	Contractor
Action Level being exceeded by one sampling	 Identify source and investigate the causes of exceedance; Inform Contractor, IEC and Supervisor /ER; Repeat measurement to confirm finding. 	 Check monitoring data 1 submitted by ET; Check Contractor's working method. 	I. Notify Contractor.	 Rectify any unacceptable practice; Amend working methods if appropriate.
Action Level being exceeded by two or more consecutive	1. Identify source and investigate the causes of exceedance;	 Check monitoring data 1 submitted by ET; Check Contractor's 	notification of exceedance in writing;	1. Discuss with ET and IEC on proper remedial actions;
sampling	2. Inform Contractor, IEC and Supervisor /ER;	working method;23. Discuss with ET and3	3. In consolidation with the	2. Submit proposals for remedial actions to
	3. Increase monitoring frequency to daily;	Contractor on possible remedial measures;	IEC, agree with the Contractor on the remedial	Supervisor /ER and IEC within three working day
	4. Discuss with IEC and Contractor on remedial actions required;	on the effectiveness of the	measures to be implemented; 4. Supervise implementation	of notification; 3. Implement the agreed proposals;
	5. Assess the effectiveness of Contractor's remedial actions;	measures. 5	of remedial measures;5. Conduct meeting with ET and IEC if exceedance	4. Amend proposal if appropriate.
	6. If exceedance continues, arrange meeting with IEC and Supervisor /ER;		continues.	
	7. If exceedance stops, cease additional monitoring.			
Limit Level being		1. Check monitoring data 1	1	1. Take immediate action to
exceeded by one sampling	investigate the causes of exceedance;	submitted by ET; 2. Check Contractor's	notification of exceedance in writing;	avoid further exceedance;Discuss with ET and IEC
	2. Inform Contractor, IEC, Supervisor / EP, and EPD:	working method; 2 3. Discuss possible remedial 3	5	on proper remedial actions;
	Supervisor /ER, and EPD;Repeat measurement to confirm finding;	3. Discuss possible remedial 3 measures with ET and Contractor;	IEC, agree with the Contractor on the remedial	3. Submit proposal for remedial actions to
	4. Assess effectiveness of	4. Advise the Supervisor /ER	measures to be	Supervisor /ER and IEC

		Ac	tion	
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	 Notify IEC, Supervisor /ER, Contractor and EPD; Repeat measurement to confirm findings; Carry out analysis of Contractor's working procedures to identify source and investigate the causes of exceedance; Increase monitoring frequency to daily; Arrange meeting with IEC, Supervisor /ER and Contractor to discuss the remedial action to be taken; Assess effectiveness of Contractor's remedial actions and keep EPD, IEC and Supervisor /ER 	 submitted by ET; Check Contractor's working method; 	 notification of exceedance in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise implementation of remedial measures; 	 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.
	7. If exceedance stop, cease additional monitoring.			

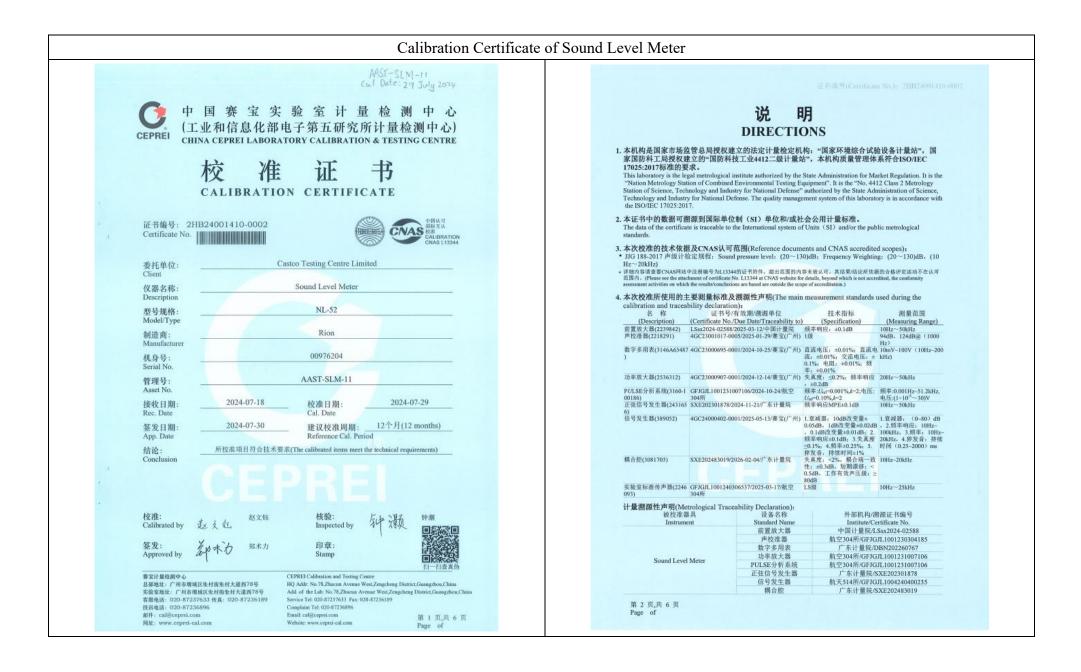
Appendix K – Calibration certificates, catalogue of noise monitoring equipment

Speci	fications	Â	i 🍐					
				Data r			Allows viewing of stored data	n be exced in internal memory for later rea
Applicable	standards	NL-52	NL-42		memory		Start up via file settings previou	an be saved in internal memory, for later rec sly stored on SD card possible
, ibbiiogipie	standards	ANSI S1.4-1983 Type 1	ANSI S1.4-1983 Type 2		orm recording* e format	3	Uncompressed waveform WAV	F file
	•	ANSI S1.4A-1985 Type 1 ANSI S1.43-1997 Type 1	ANSI S1.4A-1985 Type 2 ANSI S1.43-1997 Type 2	Sar	mpling frequenc	y	Select 48 kHz, 24 kHz or 12 kH	
		JIS C 1509-1: 2005 Class 1	■IIS C 1509-1: 2005 Class 2		ta length DC output		Select 24 bit or 16 bit Output DC signals using a frequence	y weighting characteristic selected by processi
			HS (export model for China only)		Output vo	oltage	2.5 V, 25 mV / dB at bar graph of	display full scale ency weighting characteristic selected by
Measurem	nent functions	Simultaneous measurement of weighting and frequency weigh	the following items, with selected time		AC output		processing or by A, C, Z-weight	ing.
Proces:	sing (main ch)	Instantaneous sound pressure	level: Lp		Output vo Comparator		1 V (rms values) at bar graph di Turns on when the open-collect	
		Equivalent continuous sound p Sound exposure level: LE	ressure level: Leg		output*2		(max. applied voltage 24 V, max.	current 60 mA, allowable dissipation 300 mV
		Maximum sound pressure leve		USBE			Allows USB to be connected to a Allows USB to be controlled via c	computer and recognized as a removable di ommunication commands
		Minimum sound pressure level Percentile sound levels: LN (0.1	to 99.9 %, 0.1-increment steps, max. 5 values)		32C communi		Allows for RS-232C communica	tion via use of a dedicated cable
	sing (sub ch) nal processing	Instantaneous sound pressure In addition to main processing	level: Lp items, one of the following can be selected	Тур	continuous out	ous value		
	pressing	for simultaneous processing:		dat	ta Processe Itput interval	ed value	Leq, Lmax, Lmin, Lpeak 100 ms	
		C-weighted equivalent continue C-weighted peak sound level: I		Print o	out		Printing of measurement results	
		Z-weighted peak sound level: L ⊥-time-weighted equivalent contin			r requirement ttery life (23 מ			e or rechargeable batteries) or external power supp Ni-MH secondary battery: 25 h
		Maximum 1-time-weighted equiva	lent continuous sound level: LAImax*2	-	adapter	_	At the maximum * Depends on NC-98C (NC-34 for previous me	the setting
			um level of each 5 second interval: LAtm5 hal processing synchronizes with the frequency weighting	Ext	ternal power v		5 to 7 V (rated voltage: 6 V)	
		of the sub-channel, so when the sub-ch	annel has A-weighting, LAtus can be selected.	Cu	rrent consum nt Temper		Approximately 90 mA (normal o -10 to +50 ℃	peration, rated voltage)
		(Lzpeak) are selectable.	elected, the additional processing $LCeq$ and $LCpeak$	conditi	ions Humidi	ty	10 to 90 % RH (non-condensing IP code: IP54 (except for microp	
Measuring Microphone		10 s, 1, 5, 10, 15, 30 m, 1, 8, 2 UC-59	4 h, and manual (maximum 24 h) UC-52	perform	roof / water-re: mance *4		See precautions regarding wate	rproofing
	Sensitivity level	-27 dB	-33 dB		nsions, weight ied accessori			im(D), approx. 400 g (with batteries) -10 x 1, Windscreen fall prevention rubber x 1
Measurem	nent range	A-weighting: 25 dB to 138 dB C-weighting: 33 dB to 138 dB					Hand strap x 1, LR6 (AA) alkaline	batteries x 4, SD card 512 MB×1 (NX-42EX
		Z-weighting: 38 dB to 138 dB					preinstalled model only)	
		C-weighting peak sound level: Z-weighting peak sound level:		Opti	ons	D	duct name	Product number
Inherent noise	A-weighting C-weighting	17 dB or less 25 dB or less	19 dB or less 27 dB or less			progra	m (Inst.on 512 MB SD card)	NX-42EX
	Z-weighting	30 dB or less	32 dB or less				ram *2 (Inst.on 2 GB SD card) lysis program *2 (Inst.on 512 MB SD card)	NX-42WR NX-42RT
Frequency Frequency	/ range / weighting	20 Hz to 20 kHz A, C, and Z	20 Hz to 8 kHz	FFT a	analysis progr	'am * 2 ((Inst.on 512 MB SD card)	NX-42FT
Time weig	hting	F (Fast) and S (Slow)		Data r	management s	oftware	e for environmental measurement e for environmental measurement	AS-60 AS-60RT
Level rang Bar grapi	je h display range max	Single range (Linearity range: Max. 110 dB (20 to 130 dB)	113 dB)				octave data management software) e for environmental measurement /el data management software)	AS-60∨M
	of bar graph display ction circuit	Set the upper/ lower limit in 10 Digital processing method	dB increments.		des the vibrat form analysis			CAT-WAVE
Sampling		20.8 µS (Lp, Leq, LE, Lmax, Lmin,	Lpeak : sampling frequency: 48 kHz)		ard 512 MB ard 2 GB			SD-512M SD-2G
Calibratior	1	100 ms (Ln) Measurement Law: electrical calibra	ation performed according to IEC and JIS standards,	AC ac	dapter (100 ∨	to 240)∨)	NC-98C
Correction	functions	using internally generated signals; a Windscreen correction;	coustic calibration performed with the NC-74.		ry pack phone extens	tion cal	hles	BP-21 EC-04 (from 2 m)
Conection	Tuncuons		C 1509-1 standards when the windscreen is installed.	BNC-	Pin output co	de		CC-24
		Diffuse sound field correction: Correction of frequency chara	cteristics in order to comply with standards	Comp	parator output er	cable		CC-42C DPU-414
Deler		(ANSI S1.4) in diffuse sound fie	əld.		er cable 32C serial ⊥/C) cablo		CC-42P CC-42R
Delay time	,		easuring a specified time (OFF, 1, 3, 5 or 10 s) pressed or when a user-set trigger is exceeded.	USB (cable	Cable		-
Back eras	e function		ed to pause measurement, the preceding data are excluded from processing.		d calibrator eather windsc	reen		NC-74 WS-15
Display		Backlit semitransparent color T	FT LCD display WQVGA (400 x 240 dots)	Winds	screen mount	ing ada		WS-15006
		* LCD with touch panel (Capa Numerical display update frequen	citive Touch Panel) cy: 1 sIEEBar graph update frequency: 100 ms		protection wir d level meter		en	WS-16 ST-80
Store		Data for measurement results an	e stored manually in single address increments.		eather windsc Rion fully quar			ST-81 separately). *3 NX-42WR required (sold separat
12 22	Number of data	Internal memory: max. 1000 se SD Card: depends on the capa		*4 Pro	tection agains	st harm	ful dust and water splashing from	any direction.
EEEAu	to*2	Instantaneous values (Lp mode stored continuously and autom	and processed values (Leg mode) are	Before	use, verify the	at the ru	vaterproofing ubber bottom cover and the battery	
	p sampling cycle	100 ms, 200 ms, 1 s, Leg 1s		To mai	ntain the wate	r and d	iust proof rating, internal packing rep	placement is required every two years (at cos
	eq sampling cycle	10 s, 1, 5, 10, 15, 30 ms, 1, 8, Max. 1000 h (depends on the						150 14001
								T1"R /
Minda		k of Microsoft Corporation.						
		to change without notice.						ISO 14001 RION CO., LTD. ISO 9001 RION CO., LTD.
Distribut	ted by:					2		
							RION C	
							ttp://www.rion.co.jp/end	
				3-20	-41 Hia			nii, Tokyo 185-8533, Japa
							-7888 Fax: +81-42-	



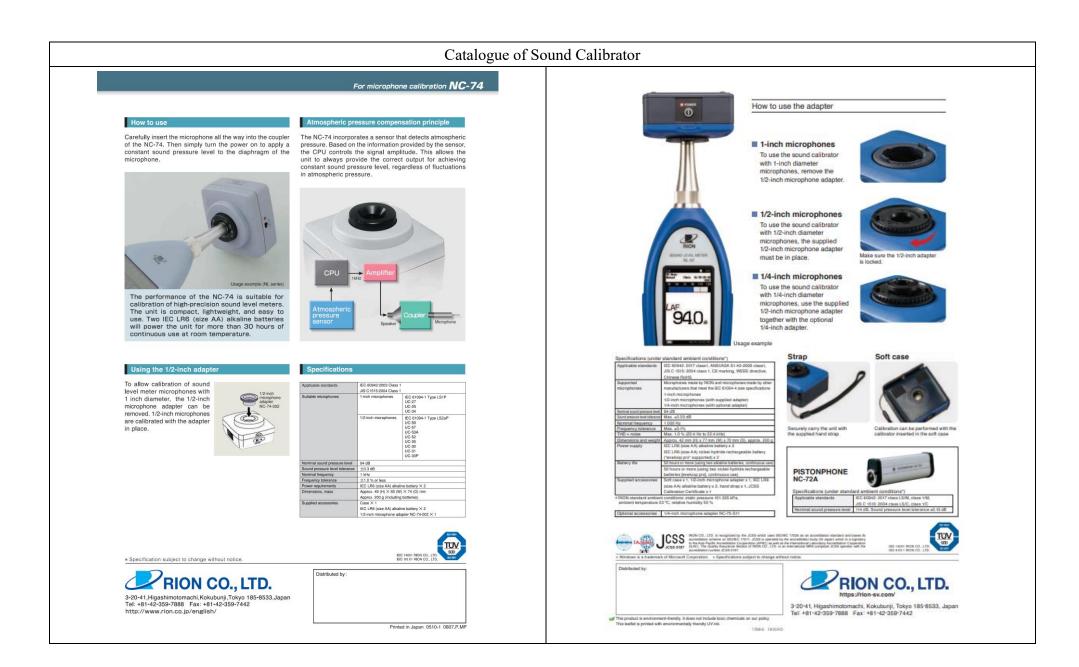
Sound Level Meter 实验室标准传声器 航空304所/GFJGJL1001240306537	G				
5. 校准地点(The calibration place): 广州市增城区朱村街朱村大道西78号9栋110室	CEPREI		证书编号(Certif	ficate No.): 2HB24001	410-0001
6. 环境条件(Environmental conditions): 温度(Temperature): 23.3°C 相对湿度(Relative Humidity): 66% 其它(Other): /	1 外观与工作正常性检查(Appearance and Function C	(beck)		
1. 本证书中给出的扩展不确定度依据JJF1059.1-2012《测量不确定度评定与表示》评定,由合成标准		果准确度的因素和缺陷。			
不确定度乘以包含概率约为95%时对应的包含因子k得到。	There are no factor an	d defect that affect the mea	surement result accuracy	of the certificate.	
The extended uncertainty given in this certificate is evaluated according to JJF1059.1-2012 "Evaluation and Expression of Uncertainty in Measurement", and is calculated by multiplying the combined standard uncertainty by the coverage	2 指示声级调整 (Indication	CR. C. 13			
factor k which corresponding to the coverage probability about 95%.	《 由水戶 sk 制量 (Indication 传声器型号	SrL Calibration) 传声器编号	放大器	频率(Frequency)= 型号 放大器编	
8. 证书中"P"、"合格"代表"测量结果在允许范围内", "F"、"不合格"代表"测量结果不在允许范围	(Microphone Type)	(Microphone SN.)		er Type) (Preamplifier	
内","N/A"代表"不适用或技术指标暂时无法确认等"。本证书报告的结论仅供参考,使用人员应 结合实际测量的要求合理使用,如考虑测量结果测量不确定度的影响等。	1		1	/	uni)
"P" and "Pass" in this certificate stand for "Low Limit's the measured value (High Limit", "F" and "Fail" stand for "the measured value (Limit", "N(A" stands for "Not Applicable or The technical	and the same part of the	ter an an an an			
specification has not been confirmed etc". The conclusions of this certificate are for reference only. Users should use them reasonably according to the actual measurement requirements, such as considering the impact of measurement	声校准器型号 (Colibrator Turns)	标准声压级 (Reference SPI)	调整前示值	调整后示值	
them reasonably according to the actual measurement requirements, such as considering the impact of measurement	(Calibrator Type)	(Reference SPL) (dB)	(Before Adjust) (dB)	(After Adjust)	
9. 建议校准周期是本实验室依据本证书报告的技术依据和仪器设备常规使用条件给出的建议,供委	4231	(dB) 94.0	94.0	(dB) 94.0	
托方参考。委托方可以根据实际使用情况自行决定样品的校准周期。				54.0	
The reference calibration period is based on the reference documents and normal operating conditions of the calibrated instrument. It is only for reference. The client may decide the calibration period of the instrument according to the	3 级线性 (Level Linearity)				
actual use.	3.1 参考级量程 (Reference		频率(Fr	equency): 8000Hz	
注: 1.本证书未经本机构书面授权,不得部分复制。(The certificate shall not be partly reproduced without written	标准声级	指示声级		允许误差 结论	U
approval of the laboratory.) 2.本次校准结果仅与被校物有关。(The results are only related to the items calibrated.)	(Standard)	(Indication)		(Limit) (Pass/Fai	
2.季(以後)(唐治来)(马波夜(海牙关)(The feate are duy related to the near sentences)) 3."委托方"、"委托方联络信息"由委托方提供,"制造厂"、"型号规格"、"出厂编号"以及"设备编号"为仪器	(dB) 130.0	(dB) 130.1	(dB) 0.1	(dB) (P/F)	(dB)
上标注,委托方对上面内容如有异议,须在收到证书后二十个工作日内提出。	129.0	129.1	0.1	±0.8 P ±0.8 P	0.3 0.3
The information Client and Contact Information are provided by client, and the Manufacurer, Model/Type, Serial No. and Equipment No. are marked on the items.Client shall submit any objection within 20 working days after	128.0	128.1	0.1	±0.8 P	0.3
No. and Equipment No. are marked on the tents. Chenk shan submit any objection within 20 working days and receiving the certificate for the information above.	127.0	127.1	0.1	±0.8 P	0.3
	126.0	126.0	0.0	±0.8 P	0.3
	125.0	125.0	0.0	±0.8 P	0.3
	120.0	119.9	-0.1	±0.8 P	0.3
	110.0	110.0 100.0	0.0	±0.8 P ±0.8 P	0.3
	90.0	90.0	0.0	±0.8 P	0.3 0.3
	80.0	80.0	0.0	±0.8 P	0.3
	70.0	70.0	0.0	±0.8 P	0.3
	60.0	60.0	0.0	±0.8 P	0.3
	50.0	50.0	0.0	±0.8 P	0.3
	40.0	40.0	0.0	±0.8 P	0.3
	35.0 34.0	35.2 34.2	0.2	±0.8 P	0.3
	34.0	34.2	0.2 0.2	±0.8 P ±0.8 P	0.3
	32.0	32.2	0.2	±0.8 P ±0.8 P	0.3 0.3
	31.0	31.2	0.2	±0.8 P	0.3
	30.0	30.2	0.2	±0.8 P	0.3
	第 4 页,共 6 页 Page of	数据页(Data she	et) ID: 071288		

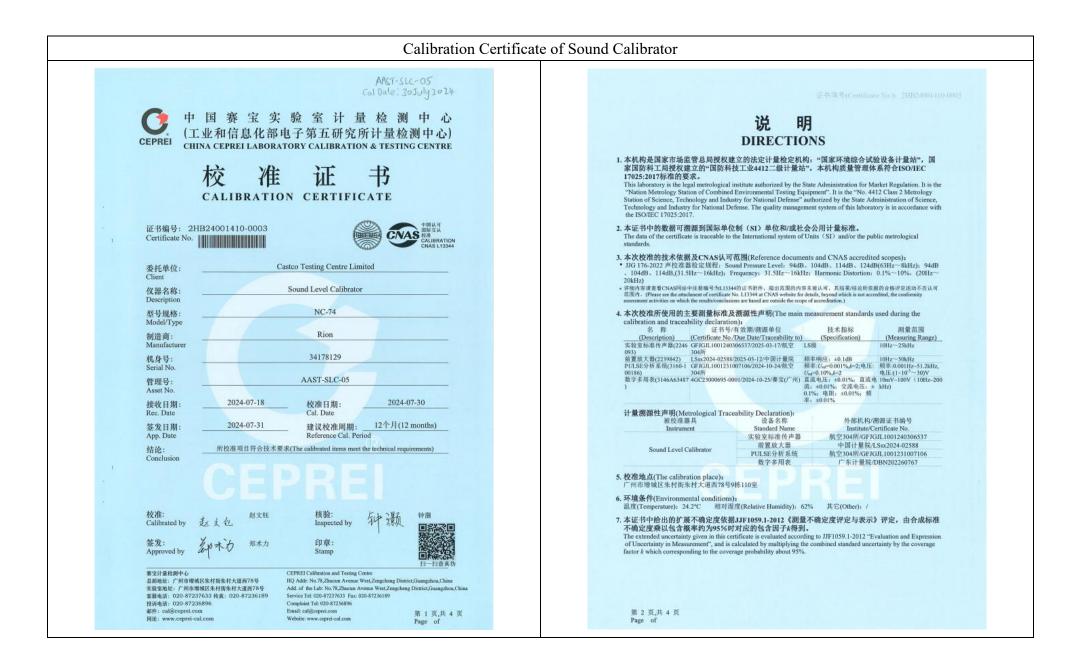
	CEPREI		证书编	;号(Certificate No.);	2HB2400141	0-0001	CEPREI			证书编号	€(Certificate No.):	2HB2400141	10-001
	A CONTRACTOR OF A CONTRACTOR O			40 W (17-	00011-					the fireful a	(Commune ris.).	21102400141	0-000
	 3.2 其它级量程 (Other Range) 标准声级 	指示声级	误差	频率(Frequency): 1 允许误差	500Hz 结论	U	4 A计权特性(A-			100 44			
	(Standard)	(Indication)	(Error)	(Limit)	(Pass/Fail)	(k-2)	頻率 (Frequency)	实测值 (Actual)	理论值 (Theoretical value)	误差	允许误差	结论	
	(dB)	(dB)	(dB)	(dB)	(P/F)	(dB)	(Frequency) (Hz)	(dB)	(Theoretical value) (dB)	(Error) (dB)	(Limit) (dB)	(Pass/Fail)	
	130.0	130.1	0.1	±0.8	Р	0.3	10	-70.8	-70.4	-0.4	(dib) -co ~ 3.0	(P/F) P	(d 0
	129.0	129.1	0.1	±0.8	Р	0.3	16	-57.0	-56.7	-0.3	-4.0 ~ 2.0	P	0
	128.0	128.1	0.1	±0.8	Р	0.3	31.5	-39.7	-39.4	-0.3	±1.5	P	0
	127.0	127.1	0.1	±0.8	Р	0.3	63	-26.1	-26.2	0.1	±1.0	P	0
1	126.0	126.0	0.0	±0.8	Р	0.3	125	-16.1	-16.1	0.0	±1.0	Р	0
	125.0	125.0	0.0	±0.8	Р	0.3	250	-8.9	-8.6	-0.3	±1.0	Р	0
	120.0	119.9	-0.1	±0.8	Р	0.3	500	-3.4	-3.2	-0.2	±1.0	Р	0
	110.0	110.0	0.0	±0.8	Р	0.3	1000(Ref.)	0.0	0.0	0.0	±0.7	Р	0
	100.0	99.9	-0.1	±0.8	Р	0.3	2000	1.1	1.2	-0.1	±1.0	Р	0
	90.0	90.0	0.0	±0.8	Р	0.3	4000	0.7	1.0	-0.3	±1.0	Р	0
	80.0	80.0	0.0	±0.8	Р	0.3	8000	-1.0	-1.1	0.1	-2.5 ~ 1.5	Р	0
	70.0	70.0	0.0	±0.8	Р	0.3	16000	-7.6	-6.6	-1,0	-16.0 ~ 2.5	Р	1
	60.0	60.0	0.0	±0.8	Р	0.3	20000	-14.4	-9.3	-5.1	-00 - 3.0	Р	1
	50.0	50.0	0.0	±0.8	Р	0.3	c ollinities	William Cl.					
	40.0	39.9	-0.1	±0.8	Р	0.3	5 C计权特性(C- 類率	weighting Chi 实测值	aracteristic) 理论值	误差	40 JA 187 88	结论	
	35.0	35.1	0.1	±0.8	Р	0.3	(Frequency)	(Actual)	(Theoretical value)	(Error)	允许误差 (Limit)	(Pass/Fail)	(k-
	34.0	34.1	0.1	±0.8	P	0.3 0.3	(Hz)	(dB)	(dB)	(dB)	(dB)	(P/F)	(d
	33.0	33.1 32.1	0.1 0.1	±0.8 ±0.8	P	0.3	10	-14.8	-14.3	-0.5	-00 ~ 3.0	Р	0
	32.0 31.0	32.1	0.1	±0.8	r P	0.3	16	-8.9	-8.5	-0.4	-4.0 ~ 2.0	Р	0
	30.0	30.1	0.1	±0.8	P	0.3	31.5	-3.2	-3.0	-0.2	±1.5	Р	0
	30.0	50.1	0.1	10.0	÷7.	0.5	63	-1.1	-0.8	-0.3	±1.0	Р	0
							125	-0.2	-0.2	0.0	±1.0	Р	0
							250	0.0	0.0	0.0	±1,0	Р	0
							500	0.0	0.0	0.0	±1.0	Р	0
							1000(Ref.)	0.0	0.0	0.0	±0.7	Р	0
							2000	-0.3	-0.2	-0.1	±1.0	Р	0
							4000 8000	-0.8 -2.9	-0.8	0.0	±1.0	P	0
							16000	-2.9	-3.0 -8.5	0.1 -1.5	-2.5 ~ 1.5 -16.0 ~ 2.5	P	0
1							20000	-16.4	-11.2	-5.2	$-10.0 \sim 2.3$ $-\infty - 3.0$	P	1.
							6 自生噪声 (Auto	ogenous noise)					
							计权	实测值					
							(Weighting)	(Actual)					
								(dB)					
							A	19.6					
		数据页(Data		071288		页,共 6页	第 6 页,共 6 J Page of	च	数据页(Data sh	eet) ID: 07	71288		



Sound Level Meter 实验室标准传声器 航空304所/GFJGJL1001240306537	G					
5. 校准地点(The calibration place): 广州市增坡区朱村街朱村大道西78号9栋110室	CEPREI		证书编号(Certi	ficate No.): 2HB	324001410-0002	
6. 环境条件(Environmental conditions); 温度(Temperature): 23.3°C 相对湿度(Relative Humidity): 66% 其它(Other): /	1 外观与工作正常性检查		Theck)			
alg(Temperature) 25.5 ~ 和对在变化在血化中加血值的 60% 只是150mg/Fight 25.5 ~ 和对在变化和正常的 50% 只是150mg/Fight 25.5 ~ 和对在变化和正常常常常常常的 50% 只是150mg/Fight 25.5 ~ 和对在变化和正常常常常的 50% 只是150mg/Fight 25.5 ~ 和对在变化和正常常常常的 50% 只是150mg/Fight 25.5 ~ 和对在变化和正常常常的 50% 只是150% 和正常常常常的 50% 和正常常常的 50% 和正常常常常的 50% 和正常常常的 50% 和正常常常常的 50% 和正常常常的 50% 和正常常常的 50% 和正常常常的 50% 和正常常常常的 50% 和正常常常常的 50% 和正常常常的 50% 和正常常常常的 50% 和正常常常的 50% 和正常常的 50% 和正常常常的 50% 和正常常常		结果准确度的因素和缺陷。				
不确定度乘以包含概率约为95%时对应的包含因子k得到。	There are no factor a	nd defect that affect the mea	surement result accurac	y of the certificate.		
The extended uncertainty given in this certificate is evaluated according to JJF1059.1-2012 "Evaluation and Expression of Uncertainty in Measurement", and is calculated by multiplying the combined standard uncertainty by the coverage	2 指示声级调整 (Indication	sPL Calibration)		類率(Frequ	ency)=1000Hz	
factor k which corresponding to the coverage probability about 95%.	传声器型号	传声器编号	放大器	12230	大器编号	
8. 证书中"P"、"合格"代表"测量结果在允许范围内", "F"、"不合格"代表"测量结果不在允许范围	(Microphone Type)	(Microphone SN.)	(Preamplifi	er Type) (Prear	mplifier SN.)	
内", "N/A"代表"不适用或技术指标暂时无法确认等"。本证书报告的结论仅供参考,使用人员应 结合实际测量的要求合理使用,如考虑测量结果测量不确定度的影响等。 "P" and "Pass" in this certificate stand for "Low Limit"结he measured value SHigh Limit", "F" and "Fail" stand for "the	/	1	1		1	
measured value <1 ow Limit or the measured value >High Limit", "N/A" stands for "Not Applicable or The technical	声校准器型号	标准声压级	调整前示值	调整后示	值	
specification has not been confirmed etc". The conclusions of this certificate are for reference only. Users should use them reasonably according to the actual measurement requirements, such as considering the impact of measurement	(Calibrator Type)	(Reference SPL)	(Before Adjust)	(After Adj	ust)	
uncertainty, etc.		(dB)	(dB)	(dB))	
9.建议校准周期是本实验室依据本证书报告的技术依据和仪器设备常规使用条件给出的建议,供委 托方参考。委托方可以根据实际使用情况自行决定样品的校准周期。	4231	94.0	94.4	94.0)	
The reference calibration period is based on the reference documents and normal operating conditions of the calibrated	3 级线性 (Level Linearity)					
instrument. It is only for reference. The client may decide the calibration period of the instrument according to the actual use.	3.1 参考级量程 (Reference	e Range)	频率(F	requency): 8000Hz		
注:1.本证书未经本机构书面授权,不得部分复制。(The certificate shall not be partly reproduced without written	标准声级	指示声级			结论 U	
approval of the laboratory.)	(Standard)	(Indication)	(Error)	(Limit) (P	ass/Fail) (k-2)	,
2.本次校准结果仅与被校物有关。(The results are only related to the items calibrated.)	(dB)	(dB)	(dB)	(dB)	(P/F) (dB)	á.
3:"委托方"、"委托方联络信息"由委托方提供,"制造厂"、"型号规格"、"出厂编号"以及"设备编号"为仪器 上标注,委托方对上面内容如有异议,须在收到证书后二十个工作日内提出。	130.0	129.9	-0.1	±0.8	P 0.3	
工标注,要行力对工值内容存到中外区,现在处却使行为三十十工户中口的更加。	129.0 128.0	128.9	-0.1	±0.8	P 0.3	
No. and Equipment No. are marked on the items. Client shall submit any objection within 20 working days after	128.0	127.9 126.9	-0.1 -0.1	±0.8 ±0.8	P 0.3	
receiving the certificate for the information above.	126.0	125.9	-0.1	±0.8 ±0.8	P 0.3 P 0.3	
	125.0	124.9	-0.1	±0.8	P 0.3	
	120.0	119.9	-0.1	±0.8	P 0.3	
	110.0	110.0	0.0	±0.8	P 0.3	
	100.0	100.0	0.0	±0.8	P 0.3	
	90.0	90.0	0.0	±0.8	P 0.3	
	80.0 70.0	79.9	-0.1	±0.8	P 0.3	
	60.0	69.9 60.0	-0.1 0.0	±0.8 ±0.8	P 0.3 P 0.3	
	50.0	49.9	-0.1	±0.8	P 0.3 P 0.3	
	40.0	39.9	-0.1	±0.8	P 0.3	
	35.0	34.8	-0.2	±0.8	P 0.3	
	34.0	33.8	-0.2	±0.8	P 0.3	
	33.0	32.9	-0.1	±0.8	P 0.3	
	32.0	31.8	-0.2	±0.8	P 0.3	
	31.0 30.0	30.8 29.8	-0.2 -0.2	±0.8 ±0.8	P 0.3	
	30.0	29.8	-0.2	±0.8	P 0.3	
	第4页,共6页 Page of	数据页(Data she	et) ID: 071288			-

C EPREI		证书编号	(Certificate No.):	2HB24001410	0-0002	CEPREI			证书编	号(Certificate No.):	2HB2400141	0-0002		
3.2 其它级量程 (Other Range)	e) 频率(Frequency): 1000Hz 4 A计权特)								权特性(A-Weighting Characteristic)					
标准声级	指示声级	误差	允许误差	结论	U	频率	实测值	理论值	误差	允许误差	结论	U		
(Standard)	(Indication)	(Error)	(Limit)	(Pass/Fail)	(<i>k</i> =2)	(Frequency)	(Actual)	(Theoretical value)	(Error)	(Limit)	(Pass/Fail)	(<i>k</i> =2		
(dB)	(dB)	(dB)	(dB)	(P/F)	(dB)	(Hz)	(dB)	(dB)	(dB)	(dB)	(P/F)	(dB		
130.0	129.9	-0.1	± 0.8	Р	0.3	10	-70.8	-70.4	-0.4	-00 ~ 3.0	Р	0.5		
129.0	128.9	-0.1	±0.8	Р	0.3	16	-57.0	-56.7	-0.3	-4.0 ~ 2.0	Р	0.5		
128.0	127.9	-0.1	±0.8	Р	0.3	31.5 63	-39.5	-39.4	-0.1	±1.5	Р	0.5		
127.0	126.9	-0.1	±0.8	Р	0.3	125	-26.3	-26.2	-0.1	±1.0	P	0.5		
126.0	125.9	-0.1	±0.8	Р	0.3	250	-16.2 -8.8	-16.1	-0.1	±1.0	P	0.5		
125.0	124.9	-0.1	±0.8	Р	0.3	500	-8.8 -3.4	-8.6 -3.2	-0.2 -0.2	±1.0 ±1.0	P	0.5		
120.0	119.9	-0.1	±0.8	Р	0.3	1000(Ref.)	-3.4	-3.2	-0.2	±1.0 ±0.7	P	0.4		
110.0	110.0	0.0	±0.8	Р	0.3	2000	1.1	1.2	-0.1		P	0.4		
100.0	100.0	0.0	±0.8	Р	0.3	4000	0.7	1.0	-0.3	±1.0 ±1.0	P	0.6		
90.0	90.0	0.0	±0.8	Р	0.3	8000	-1.0	-1.1	0.1	-2.5 ~ 1.5	P	0.6		
80.0	80.0	0.0	±0.8	Р	0.3	16000	-8.7	-6.6	-2.1	-16.0 ~ 2.5	P	1.0		
70.0	70.0	0.0	±0.8	Р	0.3	20000	-18.6	-9.3	-9.3	-00 - 3.0	р	1.0		
60.0	60.0	0.0	±0.8	P	0.3									
50.0 40.0	50.0 40.0	0.0	±0.8 ±0.8	P	0.3	5 C计权特性(C	Weighting Cha	aracteristic)						
35.0	40.0	-0.1	±0.8	P	0.3	频率	实测值	理论值	误差	允许误差	结论	U		
34.0	34.9	-0.1	±0.8	p	0.3	(Frequency)	(Actual)	(Theoretical value)	(Error)	(Limit)	(Pass/Fail)	(k=2		
33.0	32.8	-0.2	±0.8	P	0.3	(Hz)	(dB)	(dB)	(dB)	(dB)	(P/F)	(dB)		
32.0	31.8	-0.2	±0.8	P	0.3	10	-14.8	-14.3	-0.5	-00 ~ 3.0	Р	0.5		
31.0	30.8	-0.2	±0.8	р	0.3	16	-8.9	-8.5	-0.4	-4.0 ~ 2.0	Р	0.5		
30.0	29.8	-0.2	±0.8	р	0.3	31.5	-3.2	-3.0	-0.2	±1.5	Р	0.5		
						63	-0.9	-0.8	-0.1	±1.0	Р	0.5		
						125	-0.2	-0.2	0.0	±1.0	Р	0.5		
						250	-0.1	0.0	-0.1	±1.0	Р	0.5		
						500	0.0	0.0	0.0	±1.0	Р	0.4		
						1000(Ref.)	0.0	0.0	0.0	±0.7	Р	0.4		
						2000	-0.3	-0.2	-0.1	±1.0	Р	0.6		
						4000	-0.8 -2.9	-0.8	0.0	±1.0	Р	0.6		
						8000 16000	-10.6	-3.0 -8.5	0.1 -2.1	-2.5 ~ 1.5 -16.0 ~ 2.5	P P	0.6		
						20000	-20.5	-11.2	-9.3	-16.0 ~ 2.5 -co ~ 3.0	P	1.0 1.0		
						6 自生噪声 (Aut	prenous noise)							
						计权	实测值							
						(Weighting)	(Actual)							
						······································	(dB)							
						А	19.7							
						第 6 页,共 6]		数据页(Data she	eet) ID; (_		





CEPREI		证书	编号(Certifica)	e No.): 2HB24	001410-0003	AAST-SUC-の Cal Date:20 Syst 29
	(件检查 (Annearan	ce and Function Check)	in steerinein	e 110.). 211024	001410-0005	CEPREI CHINA CEPREI LABORATORY CALIBRATION & TESTING CENT
	中测量结果准确度					CHINA CEPREI LABORATORY CALIBRATION & TESTING CENT
There are no	o factor and defect t	hat affect the measurement i	esult accuracy of	f the certificate.		校准证书
2 声压级 (Sound F	Pressure Level)					CALIBRATION CERTIFICATE
规定声压级	测量声压级	声压级差的绝对值	接受限	结论	U	
(Prescribed SPL)	- The second second	(Absolute value of SPL)	(Limit)	(Pass/Fail)	(k=2)	- 証书编号: 2HB24001796-0002 Certificate No.
(dB) 94	(dB) 94.06	(dB) 0.06	(dB) ≤0.25	р	(dB) 0.10	
	54.00	0.00	50.23	r	0.10	委托单位: Castco Testing Centre Limited Client
						仅提名称: Sound Level Calibrator
3 頻率 (Frequency)					Description
規定頻率	测量频率	频率误差的绝对值	接受限	结论	Urel	型号规格: NC-75 Model/Type
(Prescribed Fre.)	(Measured Fre.)	(Absolute value of Fre.)	(Limit)	(Pass/Fail)	(<i>k</i> =2)	刺造商: Rion
(Hz) 1000	(Hz)	(%)	(%)		(%)	Manufacturer 租金号: 34280310
1000	1002.1	0.21	≤0.70	Р	0.10	Serial No.
4 总失真+噪声 (D	istortion and noise)					管理号:AAST-SLC-07 Asset No.
规定声压级	规定频率	总失真+噪声	接受限	44.34		接收日期:
(Prescribed SPL)		心天兵+梁戸 (Distortion and noise)	接文限 (Limit)	结论 (Pass/Fail)	Utel (k=2)	Rec. Date Cal. Date 鉴发目期: 2024-09-20 建设校准周期: 12个月(12 months)
(dB)	(Hz)	(%)	(%)	1	(%)	App. Date Reference Cal. Period
94	1000	0.68	≤2.50	P	5.0	结论: 所位连项目符合技术要求(The calibrated items meet the technical requirements) Conclusion
以下空白/No data her	eafter	EP				CEPREI
						校准: Calibrated by 起文化 核输: Inspected by 张健 里爾 簽发: Yut未为 郑水力 印章:
						Approved by 2 T Stamp
第 4 页,共 4 页 Page of		数据页(Data sheet) ID:	013393			日一日2日 要定計算後用中心 基礎地址: 「州市地域以先州市未村大道面719号 未設定地址: 「州市地域以先州市未村大道面719号 未設定地址: 「州市地域以先州市未村大道面719号 本設定地址: 「州市地域以先州市未村大道面719号 Add. of the Link: No. 73, Zhanan Avenue West, Zengsheng District, Gaugeberg

Calibration Certificate of	of Sound Calibrator
<page-header><section-header><text><text><text><text><text><text><list-item><list-item></list-item></list-item></text></text></text></text></text></text></section-header></page-header>	<text><text><list-item><list-item><list-item><list-item><list-item><list-item><list-item></list-item></list-item></list-item></list-item></list-item></list-item></list-item></text></text>
第 2 页,共 4 页 Page of	歸 3 頁,共 4 页 Page of

Calil	oration	Certificate of	f Sound	l Calibra	ator	
CEPREI		证书	扇号(Certificate	: No.): 2HB240	01796-0002	
无影响证书	中测量结果准确的	nce and Function Check) 复的因素和缺陷。 that affect the nseasurement re	esult accuracy of	the certificate.		
2 声压级 (Sound P	ressure Level)					
規定應所設 (Prescribed SPL) (dB)	测量声压级 (Measured SPL) (dB)	声压级差的绝对值 (Absolute value of SPL) (dB)	接受税 (Limit) (dB)	结论 (Pass/Fail)	U (k=2) (dB)	
94	94.07	0.07	⊴0.25	Р	0.10	
3 频率 (Frequency)						
规定频率	测量频率	频率误差的绝对值	接受限	精论	Und	
		(Absolute value of Fre.)	(Limit)	(Pass/Fail)	(k=2)	
(Hz)	(Hz)	(%)	(%)		୯୭	
1000	1000.0	0.00	£0.70	P	0.10	
4 总失真+極声 (Di	stortion and noise)				
规定声压级	螺定频率	息失真+嗓声	接受限	结论	Unt	
(Prescribed SPL)		(Distortion and noise)	(Limit)	(Puss/Fail)	(k=2)	
(dB)	(Hz)	(%)	(%)		(%)	
94	1000	0.68	\$2.50	(D) p	5.0	
这下至白No data here	aßer	EPH	RE			
第4页,共4页	_	数据页(Data sheet) ID:	013393			
Page of						

Name Control See Starting of Mark We shall be used and shall be be used and shall	Catalogue of Air	Flow Meter (TS)	I TA440)			Cal	ibration	Certifica	ate of Air	Flow M	leter
<section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header>					and the second se		1000	Contraction of the			11
<section-header><section-header><section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header>	SPECIFICATIONS					6	Callahi	imited 校正	實驗室有限公	and the second second	1
					~		Room 2103, 1 Tsuen Wan, N	echnology Plaza, 2 T, Hong Kong	9-35 Sha Tsui Road,	lac-MBA	
Network Marker (MAD) Marker (MAD), MAD) Marker (MAD), MAD) Marker (MAD), MAD) Marker (MAD), MAD) Marker (MAD), MAD) 							Fax: +852 3	0116194 Websit		k Maladalada	Certifiate #3815.01
	Range (TA410) 0 to 20 m/s (0 to 4,000 ft/n	n) User selectable	.TA440)		<u>)</u>	Information provid Customer: Cas	ed by customer tco Testing Centre L	mited			
	Accuracy (TA410) ¹⁶² ±5% of reading or ±0.025 r	s External Meter Dimensi		x							
quence Quence 2^{2} (g c lms) Descrise (7 4.30 · M.40) Messawa	Accuracy (TA430, TA440)162 ±3% of reading or ±0.015 n	s ator		-)	2	Equipment Descrip	tion Manufa	cturer Mode			signed equipment No
		Meter Weight with Batt	teries			Air Velocity Monitor	TSI	AIRFL	DW TA440 TA	4401232005 AA	ST-FLOW-02
	Dimensions 1 to 635 cm in increments o 0.1 cm (1 to 250 inches in	Probe Length Probe Diameter of Tip	101.6 cm (40 in.) 7.0 mm (0.28 in.)		2	Date of Receipt: Date of Calibration	15 Decemb 18 Decemb		Adjustment:	0 N/A	5%RH, 1014hPa
Temperature range (TA40, TA40) Auge (TA40, TA40) 	Volumetric Flow Rate (TA430, TA440)					Calibration Proced	ure: SOP-112		Remark:	N/A	
Temperature Range (TA40)Bit SpSPC (D to 2007) Atticiting RunckiSome (A to 2007) Atticities of A CalapterRange (TA440) Accuracy Accuracy Bange (TA440) Autor (A to 10 SDPC (A to 2007) Range (TA440) Autor (A to 2007)Text South A data batteries of A CalapterDefinition (A to 2007) Attice and the south A data batteries of A CalapterRange (TA440) Range Range Range (TA440) Autor (A to 2007)Text South A data batteries of A CalapterText South A data batteries of A CalapterRange Resolution Calapter (A to 2007) Range (TA440) Range ResolutionText South A data batteries of A CalapterText South A data batteries of A CalapterRange Resolution Calapter (A to 2007) Range (TA440) Range (TA440) Robot (A to 10 Hor) Range (TA440	and duct size										
Accuracy Beolution O.9°C (0.5°F) (1.9° Powe Reductions (1.9°C) Powe Reductions (1.9°C) Result of Calibration (1.9°C)	Range (TA410, TA430) -18 to 93°C (0 to 200°F)	Diameter of	9.5 mm (0.38 in.)		~						August 2024
Relative function Relative functin Relative function Rel	Accuracy ³ ±0.3°C (±0.5°F)						on				
Relative fundity (TA40 only)RangeS 1050% RHActurary $\frac{1}{2008}$ RHActurary $\frac{1}{2008}$ RHActurary $\frac{1}{2008}$ RHActurary $\frac{1}{2008}$ RHActurary $\frac{1}{2008}$ RHActurary $\frac{1}{2008}$ Resolution <t< td=""><td></td><td>Four AA-size batteries or A</td><td>AC adapter</td><td></td><td></td><td></td><td>Measured</td><td>Francisco</td><td>Unand-1-1- Inth</td><td>Technical</td><td>Technical</td></t<>		Four AA-size batteries or A	AC adapter				Measured	Francisco	Unand-1-1- Inth	Technical	Technical
Accuracy: 1996 RH Resolution 0.196 RH Weichty:range 106 Control Resolution 0.196 RH Weichty:range 5 to 600° C (40 to 104 CP) Range 5 to 697° C (5 to 120°) Resolution 0.1°C (01°) Resolution 0.1°C (01°) Resolution 0.1°C (01°) Range 15 to 497° (5 to 120°) Resolution 0.1°C (01°) Resolution 0.1°C (01°) <		the second se	A410 TA430, TA430-A	1A440, TA440-A	-	Reading (m/s)	Reading (m/s)				Reference Doc Mfr's Spec.
Wet Built Demperature (TA440 only) Range Note: (Tange 10,000,000,000,000,000,000,000,000,000,	Accuracy ⁴ ±3% RH	Velocity range 0 to 20.00 m/s (0 to 4000 ft/min)	+		2	2.02	2.03	0.01	3.6	±5%	Mfr's Spec.
Resolution 0.1°C (0.1°F) Temperature *	Wet Bulb Temperature (TA440 only)	Velocity range 0 to 30.00 m/s (0 to 6000 ft/min)	885	+							Mfr's Spec. Mfr's Spec. CT-N
Dev Point (TA440 on.l)? Range -15 to 49°C (5 to 120°F) 01°C (01°F) -15 to 49°C (5 to 120°F) 01°C (01°F) Instrument Temperature Range Operating (Electronics) 5 to 45°C (4 to 113°F) Model TA410, 17430 -18 to 35°C (10 to 20°F) -10 to 60°C (14 to 140°F) Operating (Probe)			S		2						
Resolution 0.1°C (0.1°F) Weight in the straight or A		Humidity, wet bulb,	+	i							
Instrument Temperature Range Variable time attribuilded attribuilded Operating (Electronics) 5:0.45°C (40 to 113°F) Manual attribuilded attribuilded Operating (Floctonics) 5:0.45°C (40 to 113°F) Manual attribuilded attribuilded Operating (Floctonics) 5:0.45°C (40 to 113°F) Manual attribuilded attribuilded Operating (Floctonics) 5:0.45°C (40 to 113°F) Manual attribuilded attribuilded Operating (Floctonics) 5:0.05°C (-4 to 140°F) Statistics attribuilded attribuilded Storage -20 to 60°C (-4 to 140°F) Statistics -4 -4 attribuilded Range 12:700+ samples and 100 test IDS Review data -4 -4 attribuilded Logging Interval (TA430, TA440) Review data +4 +4 -4 attribuilded 1 second to 1 hour The estimated espanded uncertabilities the calibration are taixed attribuilded of at				Straight or -A							
Model TA410, TA430, TA430, -18 to 39°C (0 to 200°F) Mutual data (signing in + + + +) Model TA440, TA430, TA440 -10 to 60°C (14 to 140°F) Auto save data (signing in + + + + + + + + + + + + + + + + + +		Variable time	- al uculated								
Operating (Probe) -10 to 60°C (14 to 140°F) Auto save + Operating (Probe) -10 to 60°C (14 to 140°F) Base (14 to 140°F) Base (14 to 140°F) Data Storage Capabilities (TA430, TA440) Review data + + Data Storage Capabilities (TA430, TA440) Review data + + Logging Interval (TA430, TA440) Review data + + Logging Interval (TA430, TA440) Review data + + I second to 1 hour Free Certificate + + Specifications subject to drage without rotates - + + Specifications subject to drage without rotates - + + + Specifications subject to drage without rotates - + + + + Specifications subject to drage without rotates - - +	Model TA410, TA430 -18 to 93°C (0 to 200°F)	Manual	+	+	3						
Operating (Frode) Statistics +	Model TA440 -10 to 60°C (14 to 140°F)	Auto save		+							
Data Storage Capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) Logging Interval (TA430, TA440) Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) 1 second to 1 hour Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) 1 second to 1 hour Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) 1 second to 1 hour Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) 1 second to 1 hour Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) 1 second to 1 hour Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) 1 second to 1 hour Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) 1 second to 1 hour Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) 1 second to 1 hour Indext and the storage capabilities (TA430, TA440) Indext and the storage capabilities (TA430, TA440) 1 second to 1 hour Indext and the storage capabilities (TA430, TA440, TA430, TA440, TA440, TA440, TA440, TA440, TA4	Storage -20 to 60°C (-4 to 140°F)		+	+							
Range 12,700+ samples and 100 test IDs LogDatz downloading software LogDatz downloading software <thlogdatz downloading software LogDatz dow</thlogdatz 			+	+		Note1: The estimated expan of confidence of 95%	ded uncertainties have been A coverage factor of 2 is as	calculated in "Evaluation a umed unless explicitly state	nd expression of uncertainty is ed.	n measurement" and give an	internal estimated to have a
Logging Interval (TA430, TA440) Software Note: The result reported in this certificate refer to the condition of the instrument on the data of calibration and carry on implicition regarding the long 1 second to 1 hour **		downloading	+	+		accuracy and good co	adition.				
TSI and the TSI logs are registered tademarks, and Artfow, the Artfow logs and Logbaid are tudemarks of TSI Incorporated.		Free Certificate		+		Note3: The result reported i instrument.	n this certificate refer to the				
³ Accuracy with instrument case at 29°C (77°F), add uncertainty of 0.03°C/PC (0.05°F/°F)	ISI and the TSI logo are registered trademarks, and Airflow.	3 The annurany statement begins at 90	Off/min through 4000 ft/min (I	115 m/s through 20 m/s)	C	1.	Chec	ked and Approve	d By: Comp	any Chop:	E C
Visit AIRFLOW Ving Cheng Warren Yeung Certificate Issue Date: 19 Decem	AIRFLOW	^a Accuracy with instrument case at 25 for change in instrument temperatur ⁴ Accuracy with probe at 25°C (77°E).	S°C (77°F), add uncertainty of 0 IIE. Add uncertainty of 0.2% RH/°C	03°C/°C (0.05°F/°F)		<i>L</i> .			Certif	icate Issue Date: 1	9 December 2023
IN STRUMENTS Airflow Instruments, TSI Instruments Ltd.					0	NL DN	- OÁL			ONL	
With our websate at www.airflowinstruments.co.uk for more information. 1. The certificate shall not be reproduced except in full, without written approval of Cal Lab Limited UK Tel: +44 149 4 459200 Germany Tel: +49 241 523030 February						 The certificate sh The certificate is 	all not be reproduce issued subject to the	d except in full, wit latest Terms and C	nout written approva Conditions, available a	t of Cal Lab Limited It our web site	CC02423 Page 1 of 1
Disk Tel: +44, 149, 4459200 Usermanny Tel: +44, 244, 523, 3030 France Tel: +34, 394, 118, 105, 44 523, 3030 F/N 2880548 Rev D (A4) 40204, 133, 105, 005, 005 523, 005, 005, 005, 005, 005, 005, 005, 00	Tel. 14 140 4 4.0000 Germany Tel: +4	6-14 060000V									

С	alibration	Certific	ate of Ai	Flow M	eter	
CALIBRATION	Room 2103, Tsuen Wan, Tel: +852 2	Technology Plaza, NT, Hong Kong 5680106 Email	E實驗室有限公 29-35 Sha Tsui Road, : info@callab.com.hk ite: www.callab.com.h	ILAC MRA		
Information pr Customer: Address:		Jmited ing, N.T. customer acturer Mod			ined equipment No.	
	:: 1 March 2 tion: 6 March 2 libration: N/A cedure: SOP-112		Calibration Condit Adjustment: Appearance: Remark:	N/A Good N/A		
Equipment De Hot Wire Aner Result of Calib	nometer	Model 9535	Serial No. T953513160		ration Date wgust 2024	
Air Velocity Reference Reading (m/) 0.99 2.01	Measured Reading (m/s) 1.01 2.00	Error (m/s) 0.02 -0.01	Uncertainty (%) 3.6 3.6	Technical Requirement ± 3 % ± 3 %	Technical Reference Doc. Mfr's Spec. Mfr's Spec.	л.
5.02 8.00	5.05 8.03	0.03	3.6 3.6	± 3 % ± 3 %	Mfr's Spec. Mfr's Spec. cr.ara.at	
c alc						
of confidence on Kanza. The reserved to the second of the	panded uncertainties have been 55%. A covenage factor of 2 is as and instrument used in the calit d condition. Is in this certificate refer to the in this calibration certificate rela- pamementer marked with * is out of	umed unless explicitly stat tration are traceable to ru condition of the instrume te only to the item calibra	ted. etional or international recogniz ent on the date of calibration an ord, and the result only applies t	d standard and are calibrated I carry no implication regardin	on a schedule to maintain the g the long term stability of the	
Calibrated By	lo	ked and Approve MMV Yem en Yeung	1	ate Issue Date: 6 M		L
1. The certificate	shall not be reproduce is issued subject to the	*** End o	of Certificate *** thout written approval	of Cal Lab Limited	CT-BEG-04 CCC0022403 Page 1 of 1	

Appendix L – Noise monitoring results and graphical presentation

D	H (0 C)	XX7 .1		М	[easured]	Noise Leve	el at M11,	dB(A)		.
Date	Temp (°C)	Weather	Tin	ne		Baseline	L _{Aeq}	L _{A10}	L _{A90}	Limit
02/12/2024	25.1	Sunny	9:57	-	10:27	68.3	74.0	75.8	67.1	75
13/12/2024	17.7	Fine	14:04	-	14:34	68.3	73.3	76.2	66.8	75
19/12/2024	19.9	Sunny	10:11	-	10:41	68.3	72.4	74.2	64.6	75
24/12/2024	19.3	Sunny	14:26	-	14:56	68.3	73.1	75.7	67.4	75
30/12/2024	22.7	Sunny	14:18	-	14:48	68.3	73.6	77.4	63.8	75
			Ν	Ла	ximum		74.0			
			Ν	Mi	nimum		72.4			
				Av	verage		73.3			

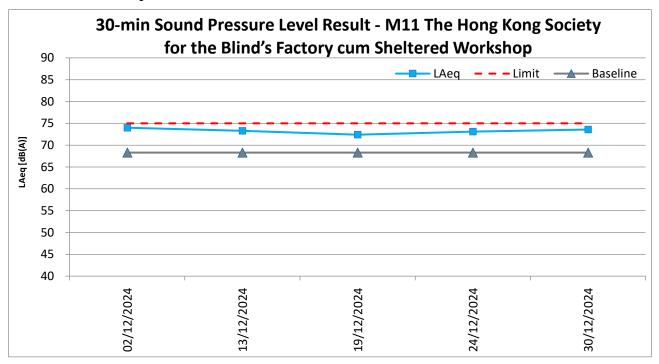
M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop

NOTE: Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (M11), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. 30-min noise monitoring at M11 were conducted on the ground floor with orienting to the Project site. ET will resume the impact monitoring once the alternative monitoring location for M11 is confirmed.

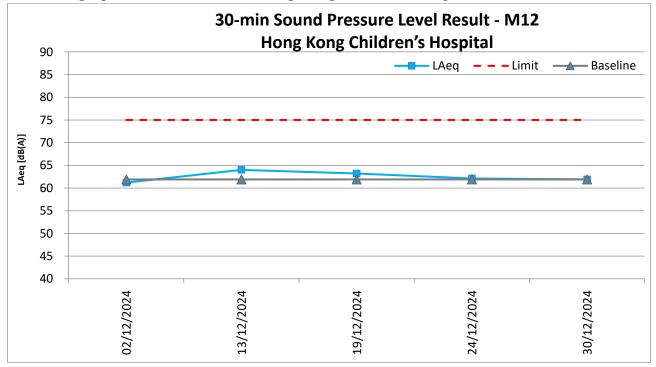
Data	$\mathbf{T}_{\mathbf{r}}$	W 7 41			Measured	l Noise Le	evel at M1	2, dB(A)		T :
Date	Temp (°C)	weather	Т	`iı	me	Baseline	L _{Aeq}	L _{A10}	L _{A90}	Limit
02/12/2024	25.1	Sunny	14:08	-	14:38	61.9	61.2	63.0	58.7	75
13/12/2024	17.7	Fine	10:22	-	10:52	61.9	64.0	65.3	61.4	75
19/12/2024	19.9	Sunny	13:49	-	14:19	61.9	63.2	64.7	60.4	75
24/12/2024	19.3	Sunny	10:14	-	10:44	61.9	62.1	64.0	59.6	75
30/12/2024	22.7	Sunny	9:52	-	10:22	61.9	61.9	63.7	58.8	75
]	Maximum	l	64.0			
]	Minimum		61.2			
					Average		62.6			

M12 - Hong Kong Children's Hospital

L_{Aeq}, 30-min graphical results of M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop



NOTE: Due to the relocation of The Hong Kong Society for the Blind's Factory cum Sheltered Workshop (M11), the premises owner rejected ET to conduct impact monitoring since 1 Sept 2022. 30-min noise monitoring at M11 were conducted on the ground floor with orienting to the Project site. ET will resume the impact monitoring once the alternative monitoring location for M11 is confirmed.



LAeq, 30-min graphical results of M12 - Hong Kong Children's Hospital

Appendix M – Event and Action Plan for noise

F 4		Act	tion	
Event	ЕТ	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 	 Review the investigation results submitted by the ET; Review the proposed remedial measures submitted by the Contractor and advise the ER accordingly; Advise the Supervisor / ER on the proposed remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified.) 	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	 identified.) Inform IEC, Supervisor /ER, Contractor and EPD; Repeat measurement to confirm findings; Increase monitoring frequency; Identify source and investigate the cause of exceedance; Carry out analysis of Contract's working procedure; Discuss remedial measures required with the IEC, Contractor and Supervisor /ER; Assess effectiveness of 	 Discuss the potential remedial actions with Supervisor /ER, ET and Contractor; 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 work which causes the 	 Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC and Supervisor /ER within 3 working days of notification; Implement the agreed proposal; Submit further proposal if problem still not under control; Stop the relevant portion of works as instructed by the Supervisor /ER until the exceedance is abated. (The above actions should be

Event		Act	tion	
Event	ET	IEC	Supervisor / ER	Contractor
	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.)			

Appendix N – Event and Action Plan for Landscape and Visual Impact

Event		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. 	Contractor on possible 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. 	method. 3. Discuss with ET and Contractor on possible remedial measures.	 Notify Contractor. Ensure remedial measures are properly implemented. 	 Amend working methods. Rectify damage and undertake any necessary replacement.

Appendix O – Waste Flow Table

Name of Department: CEDD

Contract No.: ED/2018/01

	Act	ual Quantities	of Inert C&D	Materials Gen	erated Montl	A	Actual Quantities	of C&D Was	tes Generated Mo	onthly	
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper / cardboard packaging	Plastics (see Note 3)	Chemical	Others, e.g. general refuse
	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000m ³)	(in '000 kg)) (in '000kg)	(in '000kg) (in '000kg)	(in '000m ³)
Jan	2.311	0.111			2.311						0.184
Feb	2.232	0.177			2.232						0.173
Mar	2.893	0.032			2.893			0.051			0.259
Apr	3.482	0.016			3.482						0.238
May	2.899	0.595			2.899		-				0.143
Jun	1.610	0.248			1.610	1.106					0.190
Sub- total	15.427	1.179			15.427	1.106	1.1.0-1.0.	0.051			1.187
July	2.088	0.272			2.088	6.397					0.371
Aug	2.412	0.451			2.412	4.188					0.255
Sep	5.526	0.843			5.526	2.372					0.241
Oct	4.242	0.165			4.242	1.920					0.326
Nov	2.474	0.313			2.474	0.452					0.261
Dec	1.473	0.283			1.473	2.100					0.308
Total	33.642	3.506	an same and the second		33.642	18.535	ELV BE	0.051			2.949
			Forecast	of Total Quant	ities of C&D	Materials to	be Generate	ed from the Cont	ract*		
Total Quantity Generated	y Hard Rock and Broken Con	1997 N. 60	00.0000	20,222,220	Impo	rted Fill	Metals	Paper / cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
(in '000m ³)	(in '000m	³) (in '00	00' ni) (in '00	00m³) (in '00	10m ³) (in '0)00m ³) (i	n '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ⁸)
330.000	7.500	18.0	00 109.	158 136.	000 53	.000	112.000	2.000	4.000	0.600	10.000

Monthly Summary Waste Flow Table for December 2024

Notes: (1) The performance targets are given in ER Appendix 8I Clause 14 and the EM&A Manual

(2) The waste flow table shall also include C&D materials to be imported for use at the Site

(3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material and water barrier

(4) The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m³ (ER Part 8 Clause 8.7.5(d)(ii) refers)

(5) Assume inert C&D materials density and non-inert C&D materials are 1.9 ton/m³ and 1.5 ton/m³

Appendix P – Environmental Mitigation Implementation Schedule (EMIS)

EIA for KTD Development	EIA for KTD – Roads D3A	Air Quality Measures Environmental Protection Measures / Mitigation Measures	Status
Ref.	& D4A Ref.		
\$3.2		8 times daily watering of the work site with active dust emitting	^
		activities.	
\$3.2	S4.8	Implementation of dust suppression measures stipulated in Air	^
		Pollution Control (Construction Dust) Regulation. The following	
		mitigation measures, good site practices and a comprehensive dust	
		monitoring and audit programme are recommended to minimize	
		cumulative dust impacts.	
		- Stockpiling site(s) should be lined with impermeable sheeting	^*
		and bunded. Stockpiles should be fully covered by	
		impermeable sheeting to reduce dust emission.	
		- Misting for the dusty material should be carried out before	^
		being loaded into the vehicle.	
		- Any vehicle with an open load carrying area should have	^
		properly fitted side and tail boards.	
		- 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.	
		- 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.	
		- 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.	
		- Vehicle washing facilities should be provided at every vehicle	^
		exit point.	
		- 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.	
		- 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.	
		- 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.	
		- Every vehicle should be washed to remove any dusty materials	^
		from its body and wheels before leaving the construction sites.	

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
S3.3		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.	
S3.3		Good Site Practice:	
S3.3		- Only well-maintained plant should be operated on-site and	^*
		plant should be serviced regularly during the construction	
		program.	
		- Silencers or mufflers on construction equipment should be	^
		utilized and should be properly maintained during the	
		construction program.	
		- Mobile plant, if any, should be sited as far away from NSRs as	^
		possible.	
		- Machines and plant (such as trucks) that may be in intermittent	^
		use should be shut down between works periods or should be	
		throttled down to a minimum.	
		- Plant known to emit noise strongly in one direction should,	^
		wherever possible, be orientated so that the noise is directed	
		away from the nearby NSRs.	
		- Material stockpiles and other structures should be effectively	^
		utilized, wherever practicable, in screening noise from on-site	
		construction activities.	
		- Scheduling of Construction Works during School	N/A
		Examination Period	

Implementatio	n Schedule for V	Water Quality Measures	
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
S3.4		<u>Construction Runoff</u> 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:	^*
S3.4		- use of sediment traps.	^
S3.4		- adequate maintenance of drainage systems to prevent flooding and overflow.	^

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.		Environmental Protection Measures / Mitigation Measures	Status
	S5.8	-	Surface run-off from construction sites should be discharged	^
			into storm drains via adequately designed sand/silt removal	
			facilities such as sand traps, silt traps and sedimentation basins.	
	S5.8	-	Channels or earth bunds or sand bag barriers should be provided	^
			on site to properly direct stormwater to such silt removal	
			facilities. Perimeter channels should be provided on site	
			boundaries where necessary to intercept storm run-off from	
			outside the site so that it will not wash across the site. Catchpits	
			and perimeter channels should be constructed in advance of site	
			formation works and earthworks.	
	S5.8	-	Silt removal facilities, channels and manholes should be	^
			maintained and the deposited silt and grit should be removed	
			regularly, at the onset of and after each rainstorm to prevent	
			local flooding. Any practical options for the diversion and	
			re-alignment of drainage should comply with both engineering	
			and environmental requirements in order to provide adequate	
			hydraulic capacity of all drains. Minimum distance of 100 m	
			should be maintained between the discharge points of	
			construction site run-off and the existing saltwater intakes.	
	S5.8	-	Earthworks final surfaces should be well compacted and the	^
			subsequent permanent work or surface protection should be	
			carried out immediately after the final surfaces are formed to	
			prevent erosion caused by rainstorms. Appropriate drainage like	
			intercepting channels should be provided where necessary.	
	S5.8	-	Measures should be taken to minimize the ingress of rainwater	^
	2010		into trenches. If excavation of trenches in wet seasons is	
			necessary, they should be dug and backfilled in short sections.	
			Rainwater pumped out from trenches or foundation excavations	
			should be discharged into storm drains via silt removal facilities.	
	S5.8	_	Open stockpiles of construction materials (e.g. aggregates,	^
	55.0	-		
			sand and fill material) on sites should be covered with tarpaulin	
	05.0		or similar fabric during rainstorms.	^
	S5.8	-	Manholes (including newly constructed ones) should always be	^
			adequately covered and temporarily sealed so as to prevent silt,	
			construction materials or debris from getting into the drainage	
			system, and to prevent storm run-off from getting into foul	
			sewers. Discharge of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul	

Implementation Schedule for Water Quality Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status	
		sewerage system.		
	S5.8	- Good site practices should be adopted to remove rubbish and	^	
		litter from construction sites so as to prevent the rubbish and		
		litter from spreading from the site area. It is recommended to		
		clean the construction sites on a regular basis.		
S3.4		Construction site should be provided with adequately designed	^	
		perimeter channel and pre-treatment facilities and proper		
		maintenance. The boundaries of critical areas of earthworks should		
		be marked and surrounded by dykes or embankments for flood		
		protection. Temporary ditches should be provided to facilitate runoff		
		discharge into the appropriate watercourses, via a silt retention pond.		
		Permanent drainage channels should incorporate sediment basins or		
		traps and baffles to enhance deposition rates. The design of efficient		
		silt removal facilities should be based on the guidelines in Appendix		
		A1 of ProPECC PN 1/94.		
S3.4	S5.8	Ideally, 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.		
		If excavation in soil cannot be avoided in these months or at any		
		time of year when rainstorms are likely, for the purpose of		
		preventing soil erosion, temporary exposed slope surfaces should be		
		covered e.g. by tarpaulin, and temporary access roads should be		
		protected by crushed stone or gravel, as excavation proceeds.		
		Intercepting channels should be provided (e.g. along the crest / edge		
		of excavation) to prevent storm runoff from washing across exposed		
		soil surfaces. Arrangements should always be in place in such a way		
		that adequate surface protection measures can be safely carried out		
		well before the arrival of a rainstorm.		
S3.4		Sediment tanks of sufficient capacity, constructed from pre-formed	^	
		individual cells of approximately 6 to 8 m^3 capacity, are		
		recommended as a general mitigation measure which can be used		
		for settling surface runoff prior to disposal. The system capacity is		
		flexible and able to handle multiple inputs from a variety of sources		

Implementatio	on Schedule for `	Water Quality Measures	
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
		and particularly suited to applications where the influent is pumped.	
S3.4		Open stockpiles of construction materials (for examples, aggregates,	^
		sand and fill material) of more than 50 m ³ should be covered with	
		tarpaulin or similar fabric during rainstorms. Measures should be	
		taken to prevent the washing away of construction materials, soil,	
		silt or debris into any drainage system.	
S3.4		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.	
S3.4		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 are summarised in	
		Appendix A2 of ProPECC PN 1/94. Particular attention should be	
		paid to the control of silty surface runoff during storm events.	
S3.4		Oil interceptors should be provided in the drainage system and	NA
		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.	
S3.4	S5.8	Wheel Washing Water	^
		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.	
S3.4		Drainage	^
		It is recommended that 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.	
S3.4		All temporary and permanent drainage pipes and culverts provided	^

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
Iteli		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.	
S3.4		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.	
S3.4	S5.8	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.	
		Notices should be posted at conspicuous locations to remind the	
		workers not to discharge any sewage or wastewater into the	
		surrounding environment. Regular environmental audit of the	
		construction site will provide an effective control of any	
		malpractices and can encourage continual improvement of	
		environmental performance on site. It is anticipated that sewage	
		generation during the construction phase of the project would not	
		cause water pollution problem after undertaking all required	
		measures.	
S3.4		Stormwater Discharges	^
		Minimum distances of 100 m should be maintained between the	
		existing or planned stormwater discharges and the existing or	
		planned seawater intakes	
S3.4		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 is optimised	

EIA for KTD Development Ref.	EIA for KTD – Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
		and that disposal of any solid materials, litter or wastes to marine	
		waters does not occur.	
	S5.8	Boring and Drilling Water	^
		Water used in ground boring and drilling for site investigation or	
		rock / soil anchoring should as far as practicable be re-circulated	
		after sedimentation. When there is a need for final disposal, the	
		wastewater should be discharged into storm drains via silt removal	
		facilities.	
	S5.8	Acid Cleaning, Etching and Pickling Wastewater	NA
		Acidic wastewater generated from acid cleaning, etching, pickling	
		and similar activities should be neutralized to within the pH range	
		of 6 to 10 before discharging into	
		foul sewers.	
	S5.8	Effluent Discharge	^
		There is a need to apply to EPD for a discharge licence for discharge	
		of effluent from the construction site under the WPCO. The	
		discharge quality must meet the requirements specified in the	
		discharge licence. All the runoff and wastewater generated from the	
		works areas should be treated so that it satisfies all the standards	
		listed in the TM-DSS. Minimum distance of 100 m should be	
		maintained between the discharge points of construction site effluent	
		and the existing seawater intakes and the planned WSR mentioned in	
		S5.3.1 as appropriate. The beneficial uses of the treated effluent for	
		other on-site activities such as dust suppression, wheel washing and	
		general cleaning etc., can minimise water consumption and reduce	
		the effluent discharge volume. If monitoring of the treated	
		effluent quality from the works areas is required during the	
		construction phase of the Project, the monitoring should be carried	
		out in accordance with the relevant WPCO licence which is under	
		the ambit of regional office (RO) of EPD.	
	S5.8	Accidental Spillage	^
	2010	Contractor must register as a chemical waste producer if chemical	
		wastes would be produced from the construction activities. The	
		Waste Disposal Ordinance (Cap 354) and its subsidiary regulations	
		in particular the Waste Disposal (Chemical Waste) (General)	
		Regulation, should be observed and complied with for control of	
		chemical wastes.	
		Any service shop and maintenance facilities should be located on	

-		Water Quality Measures	Г	
EIA for KTDEIA for KTDDevelopment- Roads D3ARef.& D4A Ref.		Environmental Protection Measures / Mitigation Measures	Status	
		hard standings within a bunded area, and sumps and oil interceptors		
		should be provided. Maintenance of vehicles and equipment		
		involving activities with potential for leakage and spillage should		
		only be undertaken within the areas appropriately equipped to		
		control these discharges.		
	S5.8 Disposal of chemical wastes should be carried out in compliance /			
		with the Waste Disposal Ordinance. The Code of Practice on the		
		Packaging, Labelling and Storage of Chemical Wastes published		
		under the Waste Disposal Ordinance details the requirements to deal		
		with chemical wastes. General requirements are given as follows:		
		- Suitable containers should be used to hold the chemical wastes		
		to avoid leakage or spillage during storage, handling and		
		transport.		
	S5.8	- Chemical waste containers should be suitably labelled, to notify	^	
		and warn the personnel who are handling the wastes, to avoid		
		accidents.		
	S5.8	- Storage area should be selected at a safe location on site and	^	
		adequate space should be allocated to the storage area.		

Implementatio	Implementation Schedule for Waste Management Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status		
S3.5		<u>Good Site Practices</u> It is not anticipated that adverse waste management related impacts would arise, provided that good site practices are adhered to. Recommendations for good site practices during construction activities include:			
S3.5		 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. 	^		
	S6.7	 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. 	^		
S3.5	S6.7	- Training of site personnel in proper waste management and chemical waste handling procedures.	٨		

Implementation Schedule for Waste Management Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	ntal Protection Measures / Mitigation Measures Status	
S3.5	S6.7	- Provision of sufficient waste disposal points and regular	^	
		collection for disposal.		
S3.5	S6.7	- Appropriate measures to minimise windblown litter and dust	^	
		during transportation of waste by either covering trucks or by		
		transporting wastes in enclosed containers.		
S3.5		- A recording system for the amount of wastes generated,	^	
		recycled and disposed of (including the disposal sites).		
	S6.7	- Regular cleaning and maintenance programme for drainage	^	
		systems, sumps and oil interceptors.		
	S6.7	- Training should be provided to workers about the concepts of	^	
		site cleanliness and appropriate waste management procedures,		
		including waste reduction, reuse and recycle.		
S3.5		Waste Reduction Measures		
		Good management and control can prevent the generation of a		
		significant amount of waste. Waste reduction is best achieved at the		
		planning and design stage, as well as by ensuring the		
		implementation of good site practices. Recommendations to achieve		
		waste reduction include:		
S3.5	S6.7	- Sort C&D waste from demolition of the remaining structures to	NA	
		recover recyclable portions such as metals.		
S3.5	S6.7	- 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.		
S3.5	S6.7	- Encourage collection of aluminium 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.		
S3.5		- Any unused chemicals or those with remaining functional	^	
		capacity should be recycled.		
S3.5	S6.7	- Proper storage and site practices to minimise the potential for	^	
		damage or contamination of construction materials.		
\$3.5		Construction and Demolition Materials		
		Mitigation measures and good site practices should be incorporated		
		in the contract document to control potential environmental impact		
		from handling and transportation of C&D material. The mitigation		
		measures include:		
S3.5		- Where it is unavoidable to have transient stockpiles of C&D	^	
		material within the Project work site pending collection for		

EIA for KTDEIA for KTDEnvironmental Protection Measures / Mitigation MeasuresDevelopment- Roads D3ARef.& D4A Ref.			S Status	
		disposal, the transient stockpiles shall be located away from		
		waterfront or storm drains as far as possible.		
S3.5		- Open stockpiles of construction materials or construction	^	
		wastes on-site should be covered with tarpaulin or similar		
		fabric.		
S3.5		- Skip hoist for material transport should be totally enclosed by	^	
		impervious sheeting.		
S3.5		- Every vehicle should be washed to remove any dusty materials	^	
		from its body and wheels before leaving a construction site.		
S3.5		- 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.		
\$3.5		- 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.		
S3.5		- All dusty materials should be sprayed with water prior to any	^	
		loading, unloading or transfer operation so as to maintain the		
		dusty materials wet.		
S3.5		- The height from which excavated materials are dropped should	^	
		be controlled to a minimum practical height to limit fugitive		
		dust generation from unloading.		
\$3.5		- 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		
		and Demolition Materials" should be included as one of the		
		contractual requirements and implemented by an		
		Environmental Team undertaking the Environmental		
		Monitoring and Audit work. An Independent Environmental		
		Checker should be responsible for auditing the results of the		
		system.		
	S6.7	- Plan and stock construction materials carefully to minimize	^	
		amount of waste generated and avoid unnecessary generation		

EIA for KTDEIA for KTDEnvironmental Protection Measures / Mitigation MeasuresDevelopment- Roads D3ARef.& D4A Ref.		Environmental Protection Measures / Mitigation Measures	Status	
		of waste.		
S3.5		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.		
	S6.7	Separation of chemical wastes for special handling and appropriate	^	
		treatment.		
S3.5		General Refuse	^	
		General refuse should be stored in enclosed bins or compaction units		
		separate from C&D material. A licensed waste collector should be		
		employed by the contractor to remove general refuse from the site,		
		separately from C&D material. Effective collection and storage		
		methods (including enclosed and covered area) of site wastes would		
		be required to prevent waste materials from being blown around by		
		wind, wastewater discharge by flushing or leaching into the marine		
		environment, or creating odour nuisance or pest and vermin		
		problem.		

Implementation Schedule for Landscape and Visual Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	– Roads D3A		
\$3.8.12		All existing trees should be carefully protected during construction.	^	
S3.8.12		Trees unavoidably affected by the works should be transplanted N 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.		
S3.8.12		Control of night-time lighting.	^	
\$3.8.12		Erection of decorative screen hoarding.	^	
	S7.9	 <u>Construction Site Control</u> CM1 - Minimized construction area and contractor's temporary works areas. 	^	
		- CM2- Control of night-time lighting and glare by hooding all lights.	^	
		- CM3 - Erection of decorative mesh screens or construction	^	

EIA for KTDEIA for KTDDevelopment– Roads D3A		Landscape and Visual Measures Environmental Protection Measures / Mitigation Measures	Status	
Ref.	& D4A Ref.			
		hoardings around works areas in visually unobtrusive colours.		
	- CM4 - Reduction of construction period to practical minimum.		^	
		- CM5 - Limitation of / Ensuring no run-off into surrounding /		
		landscape and adjacent seawater areas.		
		- CM6 - Temporary or advance landscape should be provided	NA	
	along the temporary access roads to the Cruise Terminal until			
		such time as road D3 is open.		

Remarks:			
^	Compliance of mitigation measure.	Х	Non-compliance of mitigation measure.
N/A	Not Applicable at this stage.	•	Non-compliance but rectified by the contractor.
N/A(1)	Not observed.		
*	Recommendation was made during site audit	#	Recommendation was made during audit and to be
	but improved/rectified by the contractor.		improved/ rectified by the contractor.

Mitigation Measures undertaken by the Contractor for site inspections





Date:	05 December 2024	Date:	19 December 2024
Mitigation Measures:		Mitigation Measures:	The vehicles are
	Non-shrink Grout is		restricted to
	certified to produce		maximum speed of 8
	conformity		km per hour inside the
	certification scheme		site.
	for repair mortar.		





	A REAL PROPERTY OF THE PARTY OF		
Date:	27 December 2024	Date:	27 December 2024
Mitigation Measures:	The portable toilets were provided in the construction site.	Mitigation Measures:	Provided domestic garbage bins for waste storage.

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

Reporting Month: December 2024

Contract No.	Record of Complaint (Yes/No)	Record of Warning (Yes/No)	Notification of Summons and Successful Prosecutions (Yes/No)
ED/2018/01	No	No	No

Cumulative Statistics on Complaints, Notification of Summons and Successful Prosecutions up to reporting month

Contr	act No.	Record of Complaint	Record of Warning	Notification of Summons and Successful Prosecutions
ED/2	018/01	17	0	0

Complaint	: Log for ED/2018/01			
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
C0001	A dust complaint was referred from the Contractor on 21 Oct 2020 regarding a public complaint via 1823 hotline (Case no. 3-6518939602) on 20 Oct 2020.	 The water spraying system was not operated in proper time. Stockpile was not covered properly. Haul road was not wetted. Materials transported on trucks were not provided with mechanical covers. 	 Investigation Based on the information provided by the Contractor on 22 Oct 2020, the water sprinklers system was sprayed every 15 minutes with 70 seconds interval automatically. For the area that water sprinklers system was not covered, manual water spraying was provided. Dump trucks were covered with mechanical cover after loading the materials. The stockpile area was covered by the tarpaulin during night time. Based on the monitoring results on 16 Oct 2020, the 1-hour and 24-hour TSP results were below the Action Levels and Limit Levels. Regular site inspection was conducted by ET on 22 Oct 2020, no adverse observation against the dust impact was recorded. Action taken As per the Contractor, the water sprinkler are now adjusted to start at 8:00am and end at 6:00pm for Monday to Saturday while from 8:00am to 5:00pm on Sunday. Water spraying are set with 5-minute time interval with duration 30-60 seconds. Recommendations To minimize the impact for air quality, mitigation measures should be enhanced specially in dry seasons are recommended: Increase the frequency and duration for automatic water spraying system. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis. 	 Closed-out on 5 Nov 2020. No further complaint was received.
C0002	A dust complaint was referred from the Contractor on 8 Sep 2021 through E-Mail regarding a complaint	Complaint of dust problem at the pavement of Muk Tai Street near Sports	 <u>Investigation</u> As per contractor, part of the complaint area was within the site boundary of the project. 1. Manual water spraying was provided. 2. The exposed surface and stockpile areas were covered by the impermeable 	 Closed-out on 4 Oct 2021. No further complaint was received.

Complaint	Complaint Log for ED/2018/01				
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status	
	received by EPD (EPD ref.: K19/RE/00021205-21) on 7 Sep 2021.	Park.	 tarpaulin sheet. <u>Action taken</u> The exposed surface and stockpile area was covered by the impermeable tarpaulin sheet. <u>Recommendations</u> There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however the contractor is recommended to implement the following measures to minimize the impact for air quality: Ensure stockpiling sites should be lined with impermeable sheeting and bunded. Stockpiles should be fully covered by impermeable sheeting at all time except during working process. Ensure the work fulfill the relevant statutory requirements on control of air pollution. Take necessary measures to minimize the environmental nuisance arising from the construction site. 		
C0003	A water discharge complaint was referred from the Contractor on 10 Dec 2021 through E-Mail regarding a complaint received by EPD (ref.: K19/RE/00029046-21) on 9 Dec 2021.	Complaint of muddy water being discharged into the sea of To Kwa Wan Typhoon Shelter via a DSD outfall near the roundabout of Shing Fung Road.	 <u>Investigation</u> Joint site inspection was conducted by ER, IEC, ET and the contractor on 14 Dec 2021, no adverse observation against the water impact was recorded. There was no muddy water discharge to DSD outfall near the roundabout of Shing Fung Road. The sandbag with layers and filter were provided at the manholes. <u>Action taken</u> Sandbags and filter were used to block the manholes. Manholes had been adequately covered and replace the filter frequently. <u>Recommendations</u> There was no direct evidence showing that the water nuisance was caused by the contractor at the complaint area. 	 Closed-out on 5 Jan 2022. No further complaint was received. 	

Complaint	: Log for ED/2018/01				
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out l Status	
			 Some of muddy water generated from wheel washing might be flow to the outfall inside the site boundary, however the contractor had taken the mitigation measure by using sandbag and filter to ease the nuisance. The contractor is recommended to implement the following measures to minimize the impact for waste water: 1. Enhance the sandbag with several layers instead of one layer only and replace the filter frequently. 2. Modify the wheel washing area such that the muddy water will be directly flow to the pit and then waste water treatment facility. 3. Take necessary measures to minimize the environmental nuisance arising from the construction site. 		
C0004	A dust complaint was received by EPD on 16 Dec 2022. Contractor received Notification of Environmental	Complaint of mud/ silt being brought out by vehicles from the project site casing mud/silt accumulation on	 <u>Investigation</u> Regular site inspection was conducted by ET on 29 Dec 2022. 1. As per the Contractor, mud / slit generated from nearby construction sites might be brought to Shing Fung Road roundabout. 2. No adverse observation against the dust impact was recorded during site inspection. 	 Closed-out Jan 2023. No complaint received. 	on 13 further was
	Complaints from EPD (ref.: K19/RE/00029136-22) by E-Mail on 22 Dec 2021.	Shing Fung Road.	 <u>Action taken</u> Watering manually frequently. Haul Road surfaces were wetted by water truck. Wheel washing for the trucks and vehicles before leaving the project site. 		
			 <u>Recommendations</u> To minimize the impact for air quality, mitigation measures should be enhanced specially in dry seasons are recommended: Increase the frequency and duration for automatic water spraying system. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis. Regular wash and clean the share haul road and roundabout in Shing Fung Road. 		

	Log for ED/2018/01			
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
			 Wheel washing for the trucks and vehicles before leaving the project site. The muddy water after the wheel washing should be directed to sedimentation tank and wastewater treatment facility before discharging to gully. Ensure stockpiling sites should be lined with impermeable sheeting and bunded. Stockpiles should be fully covered by impermeable sheeting at all time except during working process. Dusty materials transported on truck shall be covered. 	
C0005	A noise complaint was received by EPD on 21 Dec 2022. Contractor received Notification of Environmental Complaints from EPD	Complaint of construction noise arising from the project site near Shing Kai Road and Muk Tai Street continued to	 <u>Investigation</u> Regular site inspection was conducted by ET and the Contractor on 29 Dec 2022 1. The complaint was project-related as construction noise arose from the project site near Shing Kai Road and Muk Tai Street. 2. Status of CNPs in the work area near Shing Kai Road and Muk Tai Street were checked and all of them were valid. However, the CNPs only cover the period up to 2300. 	- After six months of receiving the complaint, there was no
	(EPD ref.:	01:30 am on 21	Construction Noise Permit Valid Form Valid Till	further action
	K19/RE/00029422-22)	Dec 2022.	GW-RE1297-22 10 Dec 2022 08 Jun 2023	from EPD.
	on 22 Dec 2022.		GW-RE1299-22 17 Dec 2022 15 Jun 2023	- Closed-out on
	IEC received the notification on 22 Dec 2022 from EPD and forwarded the notification to CEDD, Contractor, ER and ET on same day.		 <u>Actions taken</u> Refresher training about CNP was provided to the labour on 22 Dec 2022. No construction activities were allowed in the restricted hours for those areas without valid CNP. <u>Recommendations</u> To minimize the impact of construction noise, the following mitigation measures are recommended: Provide regular training about CNP and other environmental issues to staff. Pagularly check the status of ALL CNP and other environmental pagmits. 	29 Jun 2024.
C0006	A dust complaint was	Complaint of	2. Regularly check the status of ALL CNP and other environmental permits. Investigation	- Closed-out on 10
0000	received by EPD on 6	construction	Site inspections were conducted by ET on 26 Jan 2023 and joint site inspection	- Closed-out on 16 Mar 2023.

Complaint	Complaint Log for ED/2018/01					
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status		
	Dec 2022. Contractor (POC) received Notification of Environmental Complaints from EPD (ref.: K19/RE/00027862-22) by E-Mail on 7 Dec 2022. IEC received the notification on 19 Jan 2023 and forwarded the notification to CEDD, ER and ET on same day.	dust arising from construction sites along Shing Fung Road.	 was conducted by Contractor (POC), ER, ET and IEC on 8 Feb 2023. The concerned area (roundabout) is the common road for public vehicles. In addition, construction vehicles from several nearby construction sites also use the concerned road, especially a lots of dump trucks. Construction vehicles from Contractor (POC) project site are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023. Worker of sub-contractor from Contractor (POC) wetted the part of the concerned road surface during the site inspection on 8 Feb 2023 to suppress dust emission. No construction works was observed on 26 Jan 2023 and no adverse observation against the dust impact were found during the site inspection on both dates. <u>Action taken</u> Haul Road surfaces were wetted manually and washed the dusty water barrier regularly. Wheel washing for the trucks and vehicles before leaving the project site directly through Shing Fung Road exit. Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023. <u>Recommendations</u> There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality: Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted manually in regular basis. Regular wash the share haul road and roundabout in Shing Fung Road. Wheel washing for the trucks and vehicles before leaving the project site. The muddy water after the wheel washing should be directed to sedimentation tank and wastewater treatment facility before discharging to 			

Complaint	: Log for ED/2018/01			
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
			gully.4. Dusty materials transported on truck shall be covered.	
C0007	A dust complaint was received by EPD on 19 Jan 2023. Contractor (POC) received Notification of Environmental Complaints from EPD (ref.: K19/RE/00001988-23) by E-Mail on 2 Feb 2023. IEC received the notification on 2 Feb 2023 and forwarded the notification to CEDD, ER and ET on the same day.	Complaint of dusty environment at the new road connecting Shing Fung Road and Shing Kai Road caused by vehicles from construction sites nearby.	 Investigation Joint site inspection was conducted by Contractor (POC), ER, ET and IEC on 8 Feb 2023. The concerned area (new road connecting Shing Fung Road & Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Construction vehicles from POC are not allowed leaving the site to Shing Fung Road directly with barriers blocked since 21 Jan 2023. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023. Worker of sub-contractor from Contractor (POC) wetted the part of the concerned road surface during the site inspection on 8 Feb 2023 to suppress dust emission. No adverse observation against the dust impact were found during the site inspection along the new road. Action taken Haul Road surfaces were wetted manually and washed the dusty water barrier regularly. Wheel washing for the trucks and vehicles before leaving the project site. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023. 	- Closed-out on 16 Mar 2023.

	Complaint Log for ED/2018/01					
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status		
			 the construction site should be wetted by water trucks or manually in regular basis. Regular wash the share haul road in Shing Fung Road. Wheel washing for the trucks and vehicles before leaving the project site. The muddy water after the wheel washing should be directed to sedimentation tank and wastewater treatment facility before discharging to gully. Dusty materials transported on truck shall be covered. 			
C0008	A dust complaint was received by EPD on 13 Feb 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00003909-23) by E-Mail on 17 Feb 2023 and forwarded the E-mail to ER, ET and IEC on same day.	Complaint of silt / mud accumulation on the new road connecting Shing Fung Road and Shing Kai Road caused by vehicles from construction sites nearby.	 Investigation Joint site inspection was conducted by Contractor (POC), ER, ET and IEC on 23 Feb 2023 and regular site inspection was conducted by Contractor (POC), ER and ET on 2 Mar 2023. The concerned area (new road connecting Shing Fung Road & Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust nuisance. Construction vehicles from POC are not allowed leaving the site to Shing Fung Road directly with barriers blocked since 21 Jan 2023. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023. As per Contractor (POC), EPD conducted site visit on 16 Feb 2023. No adverse observation against the dust / muddy water impact were found during the site inspection on both dates. Action taken Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023. Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023. 	- Closed-out on 2 Mar 2023.		

Complaint	Complaint Log for ED/2018/01					
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status		
			 Haul Road surfaces were wetted manually and washed the dusty water barrier regularly. Wheel washing for the trucks and vehicles before leaving the project site. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow: Date Road Washing by 8 Mar 2023 Sweeper truck with water spraying truck 9 Mar 2023 Sweeper truck with water spraying truck 14 Mar 2023 Sweeper truck with water spraying truck 6. During the two site inspections, mitigation measures implemented by the Contractor (POC) were found properly based on existing site condition and resources. Recommendations There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality: Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis. Regular wash the share haul road in Shing Fung Road. Dusty materials transported on truck shall be covered. 			
C0009	A dust complaint was received by EPD on 15 Feb 2023. Contractor (POC) received the Notification of Environmental	Complaint of mud / silt being brought out by vehicles from construction site at Shing Fung Road roundabout	 <u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER, ET and IEC on 23 Feb 2023 and regular site inspection was conducted by Contractor (POC), ER and ET on 2 Mar 2023. 1. The concerned area (new road connecting Shing Fung Road & Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust nuisance. 	- Closed-out on 29 Mar 2023.		

Complaint	Log for ED/2018/01				
Complain t Ref. No.	Date of Complaint	Description of Complaint		Investigation / Actions taken / Recommendations	Close-Out Date / Status
	Complaints from EPD (ref.: K19/RE/00004280-23) by E-Mail on 22 Feb 2023 and forwarded the E-mail to ER, ET and IEC on same day.	(near Lamp Post DF4831) causing mud / silt accumulation along Shing Fung Road.	 2. 3. 4. 5. 	Fung Road directly with barriers blocked since 21 Jan 2023. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023.	
			1. 2. 3. 4. 5.	tion takenConstruction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023.Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023.Haul Road surfaces were wetted manually and washed the dusty water barrier regularly.Wheel washing for the trucks and vehicles before leaving the project site.As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow:DateRoad Washing by 8 Mar 20238 Weeper truck with water spraying truck9 Mar 2023Sweeper truck with water spraying truck14 Mar 2023Sweeper truck with water spraying truck22 Mar 2023Sweeper truck with water spraying truck22 Mar 2023Sweeper truck with water spraying truck20 Mar 2023Sweeper truck with water spraying truck21 Mar 2023Sweeper truck with water spraying truck	
				commendations ere was no direct evidence showing that the dust nuisance was caused by the	

Complaint	Complaint Log for ED/2018/01					
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status		
			 contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality: 1. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis. 2. Regular wash the share haul road in Shing Fung Road. 3. Dusty materials transported on truck shall be covered. 			
C0010	A dust and muddy water complaint was received by Hotline 1823 on 9 Mar 2023. ER received the transfer from the Hotline 1823 on 9 Mar 2023 and forwarded the E-mail to Contractor (POC), ET and IEC on same day.	Complaint of dusty environment at the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road roundabout. Worker wetted the road surface and might cause mud / silt problem.	 Investigation Joint site inspection was conducted by Contractor (POC), ER, and ET on 16 Mar 2023 and 23 Mar 2023. The concerned area (new road connecting Shing Fung Road & Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust nuisance. Construction vehicles from POC are not allowed leaving the site to Shing Fung Road directly with barriers blocked since 21 Jan 2023. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023. The sandbags were provided around the manholes. No adverse observation against the dust / muddy water impact were found during the site inspection on both dates. Action taken Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023. Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023. Haul Road surfaces were wetted manually and washed the dusty water barrier regularly. Wheel washing for the trucks and vehicles before leaving the project site. 	- Closed-out on 6 Apr 2023.		

Complaint	Complaint Log for ED/2018/01					
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status		
			 5. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow: Date Road Washing by 8 Mar 2023 Sweeper truck with water spraying truck 9 Mar 2023 Sweeper truck with water spraying truck 14 Mar 2023 Sweeper truck with water spraying truck 22 Mar 2023 Sweeper truck with water spraying truck 6. The sandbags were provided around the manholes. 7. During the two site inspections, mitigation measures implemented by the Contractor (POC) were found properly based on existing site condition and resources. Recommendations There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air and water quality: Dusty materials transported on truck shall be covered. Enhance the sandbags with several layers of filters and replace the filter frequently. 			
C0011	A muddy water complaint was received by EPD on 9 Mar 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00004280-23)	Complaint of water being sprayed onto vehicles passing by and mud / silt being washed into roadside gully near Shing Fung Road roundabout.	 <u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER and ET on 23 Mar 2023. 1. The concerned area (new road connecting Shing Fung Road & Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust / mud / silt nuisance. 2. The sandbags were provided around the manholes. 3. No adverse observation against the muddy water impact were found during the site inspection on both dates. 	- Closed-out on 6 Apr 2023.		

Complaint	omplaint Log for ED/2018/01					
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status		
	by E-Mail on 22 Feb 2023 and forwarded the E-mail to ER, ET and IEC on same day.		Action taken 1. As per Contractor (POC), no manually road surfaces watering on Shing Fung Road after receiving complaint (16 Mar 2023). 2. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow: Date Road Washing by 8 Mar 2023 Sweeper truck with water spraying truck 9 Mar 2023 Sweeper truck with water spraying truck 14 Mar 2023 Sweeper truck with water spraying truck 22 Mar 2023 Sweeper truck with water spraying truck 3. The sandbags were provided around the manholes. Recommendations There was no direct evidence showing that the muddy water nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air and water quality: 1. Enhance the sandbags with several layers of filters and replace the filter frequently.			
C0012	A dust complaint was received by EPD on 31 May 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00013488-23) by E-Mail on 6 June	Complaint of silt / mud accumulation on the new road connecting Shing Fung Road and Shing Kai Road caused by vehicles from construction site nearby.	open for public vehicles (not only project related vehicles) since 31 December 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust / silt nuisance.	- Closed-out on 19 June 2023.		

Complaint	Log for ED/2018/01					
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out D Status	ate /	
	2023 and forwarded the E-mail to ER, ET and IEC on same day.	Companie	 4. No adverse observation against the dust impact were found during the site inspection. <u>Action taken</u> As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted twice a week start from 11 May 2023. <u>Date Road Washing by</u> May 2023 Sweeper truck with water spraying truck June 2023 Sweeper truck with water spraying truck Wheel washing for the vehicles before leaving the construction site. <u>Recommendations</u> There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality: Regular wash the share haul road in Shing Fung Road and Shing Kai Road. Dusty materials transported on truck should be covered. 			
C0013	A water complaint was received by EPD on 19 June 2023. Contractor (POC) received the Notification of Environmental	- Complaint of muddy water being discharged into Kai Tak Approach Channel on 18 Jun	 <u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER and ET on 6 Jul 2023. 1. As per Mr. Tony Tang from POC, the concerned area was the section of Shing Fung Road at the nearby channel. 2. Heavy raining was recorded on 18 Jun 2023. The recorded rainfall was 35.8mm (sourced from manned weather station of Hong Kong Observatory at https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2023&m=6). The 	- Closed-out Aug 2023.	on	2

Complaint	t Log for ED/2018/01			
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
	Complaints from EPD (ref.: K19/RE/00014944-23) by E-Mail on 29 June 2023 and forwarded the E-mail to ER, ET and IEC on 4 July 2023.	2023. - Complaint of construction work being conducted on the Sunday of 18 Jun 2023.	18 Jun 2023. Based on the attendance record, 6 employees including 4 watchman, labourer and driver, were on site on 18 Jun 2023 and they were not involved in the construction work. In the joint site inspection, no construction work was conducted on the nearby channel.	

Complaint	: Log for ED/2018/01			
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
C0014	A polluting discharge complaint was received by EPD on 16 October 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00024581-23) by E-Mail on 19 October 2023 and forwarded the E-mail to ER, ET and IEC on 21 October 2023.	- Complaint of polluting discharge from the construction site of Stage 4 Infrastructur e at the Former Runway and South Apron, Kowloon City ("illegal discharge from kai tak 6577 construction site the main contractor should be hip hing)	 <u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER and ET on 26 October 2023. The concerned area is near at Former Runway and South Apron, Kowloon City. Those are the possible sources should be illegal discharge from Kai Tak 6577 construction site which the main contractor should be hip hing. The possible source of polluting discharge does not come from the Contractor (POC). No adverse observation against the muddy water impact were found during the site inspection on dates. No surface runoff is observed, and the sedimentation tank and wastewater treatment plant were implemented normally. <u>Action taken</u> As per Contractor (POC), no wastewater generated at concerned area and ensure fulfil the conditions stipulated in the valid WPCO licence after receiving complaint (16 October 2023). The effluent discharge has been implemented properly. The silt curtain has been installed around the construction activities at the concerned area. (referring to Photo 2) The sedimentation tank and wastewater treatment has been implemented properly. The pump has been installed and collected sewage at the channel which can minimize water quality impacts and prevent overload the foul sewage system. (referring to Photo 3) The channel and ditches have been clear after receiving complaint. 	- Closed-out on 15 November 2023.

Complaint	Complaint Log for ED/2018/01										
Complain t Ref. No.	Date of Complaint	Description of Complaint	Close-Out Date / Status								
			 The silt removal facilities, channels and manholes should be maintained regularly. The silt curtain and equipment should be properly maintained. 								

Complaint	Log for ED/2018/01				
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation	n / Actions taken / Recommendations	Close-Out Date / Status
C0015	A dust complaint was received by EPD on 12 December 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00030287-23) by E-Mail on 19 December 2023 and forwarded the E-mail to ER, ET and IEC on 20 December 2023.	 Complaint of construction dust nuisance on Shing Fung Road. 	 December 2023. 1. As per the email clar 2023, the concerned of Road D3 and gate 2. The new road conner open for public vel December 2022. Ver concerned road. The The non-project of set the site inspection. 3. As per Mr. Tony washing machine re facilities and regular 4. No adverse observat site inspection. The implemented proper 1. As per instruction for new road (connecting Fung Road by wate 2023. 	ecting Shing Fung Road & Shing Kai Road) has been whicles (not only project related vehicles) since 31 ehicles from nearby construction sites also used the mose are the possible sources of dust / silt nuisance. stockpiles is founded near the concerned road during Tang from POC, recycled water was used in wheel near the entrance of Gammon site. The washing r road watering are implemented. ation against the dust impact were found during the e washing facilities and dust control measures are	- 17 January 2024
			Date Ko	oau washing by	

Complaint	Log for ED/2018/01								
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investig	Investigation / Actions taken / Recommendations					
			07 December 2023	Sweeper truck with water spraying truck					
			16 December 2023	Sweeper truck with water spraying truck					
			21 December 2023	Sweeper truck with water spraying truck					
			29 December 2023	Sweeper truck with water spraying truck					
			2. Wheel washing	g for the vehicles before leaving the construction site.					
			Recommendations						
			There was no direct evid	dence showing that the dust nuisance was caused by the					
			contractor at the compla	int area, however Contractor (POC) is recommended to					
			implement the following	measures to minimize the impact for air quality:					
			1. Regular wash the sha	are haul road in Shing Fung Road and Shing Kai Road.					
			2. Dusty materials trans	sported on truck should be covered.					

Complaint Log for ED/2018/01											
Complain t Ref. No.	Date of Complaint	Description of Complaint		Investigation / Actions taken / Recommendations					Close-Out Date / Status		
C0016	A dust complaint was received by Hotline 1823 on 20 May 2024. ER (AECOM) and Contractor (POC) received the transferred from Hotline 1823 (Case No. 3-8226038234) on 20 May 2024 and forwarded the E-mail to ET, and IEC on same day.	- The dust emission generated from a excavator near EVA No. 10 which affecting the surroundin g residents. The complaina nt also expressed doubt the effectivene ss of implement ation of	Join 23 N	stockpi referrin nuisand 2. As per 2024, t EVA N mitigat 3. The n 580.23 4. As per starting location emission materia 5. Based 24-hou	complaint iling wor ng to Atta ce. the emai the conce No. 10. The earest su m (location Mr. Tom g from 2 n (Near I on no ma als site ac on the n r TSP res	is not eks from ichment 2 1 reply by rned area The POC t nuisance urrounding ons referring Y Tang fi 2 May 2 EVA No. atter there tivities. (In conitoring sults were	directly nearby c) Those ar / Mr. Tony (section o proposed g resident ng to Atta- rom POC, 024 to sp 10) within is any lo ocations re g results o	project-re constructio e the poss 7 Tang from f Shing Fu to imple to the	lated sind n sites. (ible source m POC or ing Road) ment mea concerned l provide t at the c ur to supp unloading Attachmer 2024, 1-	ce C&D (locations es of dust a 21 May was near sures for area is a worker concerned oress dust of dusty at 3) hour and	- Closed-out on 04 June 2024
		environme		shown as below. AM3 AM4(A) AM7							
		ntal manageme nt system.			1-hour TSP	24-hour TSP	1-hour TSP	24-hour TSP	1-hour TSP	24-hour TSP	
		nt system.		Measured result	44 -48	42	56-63	/	53 - 57	54	
				$(\mu g/m^3)$							

	Log for ED/2018/01	-								Close-Out Date /
Complain t Ref. No.	Date of Complaint	Description of Complaint		Investigation / Actions taken / Recommendations						
			Action	297	182	326	187	315	181	
			Level							
			(µg/m ³)							
			Limit	500	260	500	260	500	260	
			Level							
			$(\mu g/m^3)$							
				ffectiveness			imental	managemei	nt system	
			-	ented has be						
				rse observatio	-		-			
				on. The dust		leasures ar	e impleme	ented prope	erly.	
				ng to Attachr	ment 4)					
			Action takes		41 D	1 1 1 1	· . 1			
			•	y monitor all			• •	ment (PME)	to ensure	
				smoke emissi			, i			
			-	to cover the s	-	vith tarpaul	in sheet to	prevent dust	t emission.	
			`	Attachment 3	·					
			· ·	resources to		U U		U U	e	
			dusty n	aterial which	have inc	cluding fill	material a	and sub-bas	e. (refer to	
			Attachn	ent 3)						
			Recommend	ations						
			There was r	o direct evide	ence show	ing that the	e dust nuis	ance was ca	used by the	
			contractor a	the complain	nt area, ho	owever Con	ntractor (PO	DC) is recor	nmended to	
			implement t	ne following 1	measures t	o minimize	e the impac	t for air qual	ity:	

Complaint	Log for ED/2018/01			
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
			 The share haul road in Shing Fung Road should be washed regularly. Dust mitigation control should be done at the work site 8 times per day. Stockpiling sites should be lined with impermeable sheeting and bunded. Stockpiles should be fully covered by impermeable sheeting to reduce dust emission. 	

Complaint	Log for ED/2018/01			
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
C0017	A waste management complaint was received by Hotline 1823 on 25 May 2024. The public complaint is received via 1823 (Case No.: 3-8234938050) on 25 May 2024 and forwarded by CEDD on 27 May 2024, and forwarded to ER, Contractor, ET and IEC.	- Rodent problem at the junction of Shing Kai Road & Shing Fung Road	 <u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER, IEC and ET on 30 May 2024. Accumulation of waste was found in the concerned area, the grade road (Shing Kai Road to NSR) and the junction of Road D3 (Shing Kai Road Junction). (refer to Photo Record 7 of Attachment 3) No trace of rats was found during inspection but flies were present. (refer to Photo Record 6 of Attachment 3) Waste management measures were not implemented properly. There were no sufficient waste disposal points and regular dispose of waste at the concerned area (refer to Photo Record 8 of Attachment 3). The complaint was project-related as improper disposal of waste could lead to occurrence of rats. Action taken Poisonous rat bait was placed within the site boundary (refer to Photo Record 2,3,4 of Attachment 3). Workers received regular briefing about proper waste management (refer to Photo Record 5 of Attachment 3). The general waste was collected and removed after site inspection on 30 May 2024. (refer to Photo Record 9 and 10 of Attachment 3). 	- Closed-out on 04 June 2024

Complaint	Log for ED/2018/01			
Complain t Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
	Date of Complaint		 Investigation / Actions taken / Recommendations implement the following measures to minimize the impact of waste accumulation Multiple waste disposal points should be set up for proper waste storage. Frequency of waste cleaning and collection should be increased to prevent waste accumulation. Training should be provided to workers about the concepts of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycle. 	