



Date: 19 November 2024 Your ref: Our ref: PL-202411039

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

Attn.: Ms. Mavis Law, SRE

Dear Ms. Law,

Agreement No. EDO 6/2019 Independent Environmental Checker for Contract No. ED/2018/05 Kai Tak Development – Stage 5B Infrastructure Works at the Former North Apron Area <u>Verification of Monthly EM&A Report (October 2024)</u>

Reference is made to the Monthly EM&A Report (October 2024) (Version 1.1) issued by the Environmental Team on 18 November 2024.

Please be informed that we have no adverse comment on the captioned submission. We hereby verify the Monthly EM&A Report (October 2024) in accordance with Condition 3.3 of Environmental Permit No. EP-337/2009.

Thank you for your attention.

Yours sincerely, For and on behalf of Acuity Sustainability Consulting Limited

Kevin Li Independent Environmental Checker

c.c.

CEDD Ka Shing Attn.: Mr. Michael So Attn.: Mr. Chan Pang (ETL) By email By email

Environmental Monitoring and Audit Report

for

Contract No. ED/2018/05 –

Kai Tak Development – Stage 5B infrastructure works at the former north apron area

Contract No.: EDO 2/2020

October 2024

(Version 1.1)

Certified By:	pm.
	(Environmental Team Leader)

Table of Content

Page

EXECU	TIVE SUMMARY	5
	Breaches of Action and Limit Levels	5
	Complaint log	5
	Notifications of summons and successful prosecutions	6
	Report changes	6
	Key construction works in the reporting month	6
	Future key issues	7
1.	INTRODUCTION	9
	Project Background	9
	Project Organization	10
	Works Area and Construction Programme	10
	Construction works undertaken during reporting month	11
	Submission Status under the Environmental Permits	11
2.	AIR QUALITY MONITORING	
	Monitoring Requirements	
	Monitoring Locations	
	Monitoring Parameters, Frequency and Duration	
	Monitoring Equipment	
	Monitoring Methodology and QA/QC Procedure	14
	Wind Data Monitoring	16
	Action and Limit Levels	16
	Impact Air Quality Monitoring results	17
3.	NOISE MONITORING	
	Monitoring Requirements	
	Monitoring Locations	

Monitoring Parameters, Frequency and Duration	
Monitoring Equipment	19
Monitoring Methodology and QA/QC Procedure	19
Maintenance and Calibration	
Action and Limit Levels	
Impact Noise Monitoring results	
COMPARISON OF EM&A RESULTS WITH EIA PREDICTIONS	
LANDSCAPE AND VISUAL MONITORING	
Results and Observations	
ENVIRONMENTAL SITE INSPECTION AND AUDIT	
Site Inspection	
Site Inspection Status of Waste Management	
-	25 26
Status of Waste Management	
Status of Waste Management Status of Environmental Licenses, Notification and Permits	
Status of Waste Management Status of Environmental Licenses, Notification and Permits Implementation Status of Environmental Mitigation Measures	
Status of Waste Management Status of Environmental Licenses, Notification and Permits Implementation Status of Environmental Mitigation Measures Environmental Complaint and Non-compliance	
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	
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 FUTURE KEY ISSUES	
	Monitoring Equipment Monitoring Methodology and QA/QC Procedure Maintenance and Calibration Action and Limit Levels Impact Noise Monitoring results COMPARISON OF EM&A RESULTS WITH EIA PREDICTIONS LANDSCAPE AND VISUAL MONITORING Results and Observations

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 1.2Major activities of the Project during reporting month
- Table 1.3Summary of Status of Required Submission of EPs
- Table 2.1
 Locations of Air Quality Monitoring Stations
- Table 2.2
 Air Quality Monitoring Parameters, Frequency and Duration
- Table 2.3Air Quality Monitoring Equipment
- Table 2.4Action and Limit Levels of 24-hour average TSP for Construction Dust Monitoring
- Table 2.5
 Action and Limit Levels of 1-hour average TSP for Construction Dust Monitoring
- Table 2.6Summary of 24-hour average TSP Monitoring Data during the reporting month
- Table 2.7Summary of 1-hour average TSP Monitoring Data during the reporting month
- Table 3.1
 Locations of Noise Monitoring Stations
- Table 3.2
 Noise Monitoring Parameters, Frequency and Duration
- Table 3.3Noise Monitoring Equipment
- Table 3.4
 Baseline Noise Level and Action and Limit Levels for Construction Noise Monitoring
- Table 3.5
 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 6.4Summary 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/2018/05
- Figure 2 Proposed works of Contract No. ED/2018/05
- Figure 3 D1 Road Site Layout Plan

- Figure 4 Site Layout Plan
- Figure 5 Air Quality Monitoring Stations
- Figure 6 Noise Monitoring Stations

List of Appendices

- Appendix A Organization Chart of EM&A Team
- Appendix B Construction Programme
- Appendix C Environmental monitoring schedules
- Appendix D Photographic records
- Appendix E Calibration certificates, catalogue of air quality monitoring equipment
- Appendix F Weather information
- Appendix G 24-hr TSP monitoring results and graphical presentation
- Appendix H 1-hr TSP monitoring results and graphical presentation
- Appendix I Event and Action Plan for air quality
- Appendix J Calibration certificates, catalogue of noise monitoring equipment
- Appendix K Noise monitoring results and graphical presentation
- Appendix L Event and Action Plan for noise
- Appendix M Event and Action Plan for Landscape and Visual Impact
- Appendix N Waste Flow Table
- Appendix O Environmental Mitigation Implementation Schedule (EMIS)
- Appendix P Summaries of Environmental Complaint, Warning, Summon and Notification of Successful Prosecution

EXECUTIVE SUMMARY

1. This is the 45th Monthly Environmental Monitoring & Audit (EM&A) report which summarises the findings of the EM&A Programme during the reporting period from 1 to 31 October 2024.

Breaches of Action and Limit Levels

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

 Table I
 Non-compliance Record in the Reporting Month

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

Complaint log

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

Date of complaint received	Date of compliant	Description of complaint	Recommendations / Action taken	Close-out date / Status
No complaint was received in the reporting month.	NA	NA	NA	NA

Table II Summary of complaints in the Reporting Month

Notifications of summons and successful prosecutions

7. 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.

		is und successful prosecutio		
Date of receiving notification of summons or prosecutions	Date of event	Description of event	Action taken	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

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

Key construction works in the reporting month

- 9. Major construction activities undertake during the reporting month included:
 - Construction of LW02 structural steel roof
 - Floor screeding works at deck level at LW02
 - Installation of glazing plane on diagrid frame at LW02
 - Tiling works at LW02
 - Lift installation at LW-02 and KS10
 - Installation of glass panel and aluminum panels of LW02
 - Installation of glass balustrade at LW02

- Lift installation at LW02 and KS10
- San Po Kong Junction Enhancement (TY3)
- Renovation works for Subway KS10 Lift and Staircase
- Renovation works for existing subway KS10
- Construction of Parapet for S14
- Construction of bridge deck of S14
- Drainage Construction and Backfilling for Retaining wall of S14
- Demolition of existing parapet of K73
- SB01 Sa Po Rd Retrieval Shaft Headwall RC construction
- SB01 Subway Floor Tile Installation
- Installation of VE-Panel at Pedestrian Subway SB01
- Road and Drain Construction works for Road L16, L9 and Road D1
- Construction works for DCS (Ch10-79, Ch70-90, Ch90-130, Ch130-150)
- Construction of Hoarding at CDR

Future key issues

10. 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 Canopy at LW-02	Noise and Air Quality
Construction of Pillar box at LW-02	Noise and Air Quality
Lift installation at LW02 and KS10	Noise and Air Quality
Installation of glass panel and aluminum panels of LW02	Noise and Air Quality
Installation of glass balustrade at LW02	Noise and Air Quality
Tiling works at LW02	Noise and Air Quality
E&M installation for KS10	Noise and Air Quality
Drainage System for KS10	Noise and Air Quality
Demolition of existing parapet of K73	Noise and Air Quality
Construction of Parapet for S14 and K73	Noise and Air Quality
Refurbishment Work for Road Bridge K73	Noise and Air Quality
Dismantle of Portal Frame for K73 Bridge	Noise and Air Quality
Construction of bridge deck of S14	Noise and Air Quality
Drainage Construction works at PS2	Noise and Air Quality
Construction of Hoarding at CDR	Noise and Air Quality
SB01 Retrieval Shaft Headwall construction	Noise and Air Quality
Renovation works of SB01	Noise and Air Quality
SB01 Launching Shaft Lift Tower steel frame installation	Noise and Air Quality
Installation of VE-Panel at Pedestrian Subway SB01	Noise and Air Quality
Excavation and Construction of SB01 Additional Staircase	Noise and Air Quality
Tilling works at SB01	Noise and Air Quality
Road and Drain Construction works for Road L16, L9 and	Noise and Air Quality

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

Future key issues in the coming month	Potential impact
Road D1	
Construction works for DCS (Ch83-135, SV-S-2A4)	Noise and Air Quality

1. INTRODUCTION

Project Background

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

Project Organization

1.6 The project organization chart and with respect to the EM&A programme is shown in AppendixA. Information of key personnel contact names and telephone numbers are summarized in Table1.1.

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

Table 1.1 Contact Information of Key Personnel

Works Area and Construction Programme

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

Construction works undertaken during reporting month

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

Construction of bridge deck of S14			
Drainage Construction and Backfilling for			
Retaining wall of S14			
Demolition of existing parapet of K73			
SB01 Sa Po Rd Retrieval Shaft Headwall RC			
construction			
SB01 Subway Floor Tile Installation			
Installation of VE-Panel at Pedestrian Subway			
SB01			
Road and Drain Construction works for Road			
L16, L9 and Road D1			
Construction works for DCS (Ch10-79, Ch70-			
90, Ch90-130, Ch130-150)			
Construction of Hoarding at CDR			

Table 1.2 Major activities of the Project during reporting month

Submission Status under the Environmental Permits

 The status of required submission under Environmental Permit (EP) conditions under EP-337/2009 are summarized in Table 1.3.

EP Condition EP-337/2009	Submission	Submission Date
Condition 1.11	Notification of Commencement Date of Construction of the Project	12 Jan 2021
Condition 2.3	Management Organization of Main Construction Companies	21 Sep 2020
Condition 2.3	Updated Management Organization of Main Construction	4 July 2022

Table 1.3 Summary of Status of Required Submission of EPs

EP Condition EP-337/2009	Submission	Submission Date
	Companies	
Condition 2.4	Design Drawings	12 Jan 2021
Condition 2.11	Landscape Mitigation Plans	17 Dec 2020
Condition 3.2	Baseline Monitoring Report	12 Jan 2021
Condition 3.3	Monthly EM&A Report (Sep 2024)	16 Oct 2024

2. AIR QUALITY MONITORING

Monitoring Requirements

2.1 In accordance with EM&A Manual (EIA Register No. 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 days 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 Two designated monitoring stations were selected for air quality monitoring programme. Impact air quality monitoring was conducted at two air quality monitoring stations in the reporting month. Table 2.1 describes the air quality monitoring locations, which are also depicted in Figure 5.

Tuble 2.1 Deculous of the Quality Monitoring Station	5
Air Quality Monitoring Locations for the Project	Location of Measurement
AM2(A) – Ng Wah Catholic Secondary School	Rooftop
AM3 – Sky Tower	Podium floor near T7

Table 2.1 Locations of Air Quality Monitoring Stations

Monitoring Parameters, Frequency and Duration

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

Air Monitoring Station	Location for Measurement	Parameter	Duration	Frequency
AM2(A) – Ng Wah Catholic Secondary School	Rooftop	- 24-hour average TSP	- 24 hours	- Once every 6 days
AM3 – Sky Tower	Podium Floor near Tower 7	- 1-hour average TSP	- 1 hour	- Three times every 6 days

Table 2.2 Air Quality Monitoring Parameters, Frequency and Duration

2.4 The monitoring schedule for reporting month and next month is presented in Appendix C.

2.5 Photographic records of the impact monitoring setup are shown in Appendix D.

<u>Monitoring Equipment</u>

2.6 24-hour average TSP and 1-hour average TSP levels were measured for impact monitoring. 24-hour average TSP levels were measured by the High Volume Samplers (HVS) and 1-hour average TSP levels were measured by direct reading method to indicate short-term impacts. Wind data monitoring equipment was set up at conspicuous locations for logging wind speed and wind direction near to the dust monitoring locations. Table 2.3 summarizes the equipment to be used in the air quality monitoring.

Equipment	Model	Quantity	Calibration Interval
HVS Sampler	TE-5170 X c/w of TSP sampling inlet	2	2 months
HVS Calibrator	TISCH TE-5025A	1	1 year
1-hourTSPDustTSIModelAM510SidePakPersonalAeroMeterMonitor		2	1 year
Weather Station	Davis Vantage Pro2 Weather Station	1	6 months

Table 2.3 Air Quality Monitoring Equipment

- 2.7 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).
- 2.8 Calibration certificates, catalogue of equipment are given in Appendix E.

Monitoring Methodology and QA/QC Procedure

24-hour TSP Monitoring

Operating/Analytical Procedures

2.9 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.
- 2.10 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.
- 2.11 For TSP sampling, Glass Fiber Filter Media 8" x 10" having a collection efficiency of > 99 % for particles of 0.3 μ m diameter were used.
- 2.12 The power supply was checked to ensure the sampler worked properly and then placed any filter media at the designated air quality monitoring station.
- 2.13 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.

- 2.14 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 was 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 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 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

- 2.18 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 at bi-monthly intervals using TE-5025A Calibration Kit throughout all stages of the air quality monitoring.

1-hour TSP Monitoring

Measurement Procedures

- 2.19 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

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

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

Wind Data Monitoring

- 2.21 Wind Anemometer was installed at the roof-top of AM2(A) Ng Wah Catholic Secondary School with 10m above ground and clear of constructions or turbulence caused by the buildings.
- 2.22 The wind data was captured by a data logger and the data was downloaded at least once per month for analysis.
- 2.23 The wind data monitoring equipment will be re-calibrated at least once every six months.
- 2.24 Wind direction is divided into 16 sectors of 22.5 degrees each.
- 2.25 Details of weather information during the monitoring period are shown in Appendix F.

Action and Limit Levels

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

Table 2.4 Action and Limit Levels of 24-hour average TSP for Construction Dust Monitoring

Parameter	Air Monitoring Station	Action Level, µg/m ³	Limit Level, µg/m ³
24 hour overage TCD	AM2(A)	175	260
24-hour average TSP	AM3	172	260

Parameter	Air Monitoring Station	Action Level, µg/m ³	Limit Level, µg/m ³
1 hours avage of TCD	AM2(A)	302	500
1-hour average TSP	AM3	301	500

Table 2.5 Action and Limit Levels of 1-hour average TSP for Construction Dust Monitoring

Impact Air Quality Monitoring results

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

Table 2.6 Summary of 24-hour average TSP Monitoring Data during the reporting month

Air Quality Monitoring Station	Average TSP Concentration, µg/m ³	Range, µg/m ³	Action Level, µg/m ³	Limit Level, µg/m ³
AM2(A)	36	27 - 52	175	260
AM3	67	52 - 79	172	260

Table 2.7 Summary of 1-hour average TSP Monitoring Data during the reporting month

Air Quality Monitoring Station	Average TSP Concentration, $\mu g/m^3$	Range, μg/m ³	Action Level, µg/m ³	Limit Level, µg/m ³
AM2(A)	47	33 - 59	302	500
AM3	64	44 - 78	301	500

- 2.28 There was no Action and Limit Level exceedance of 24-hour average TSP and 1-hour average TSP levels recorded during the reporting month.
- 2.29 Graphical presentation and detailed monitoring results of 24-hour average TSP and 1-hour average TSP levels are shown in Appendix G and Appendix H respectively.
- 2.30 The Event and Action Plan is provided in Appendix I.
- 2.31 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.
- 2.32 Weather conditions during the monitoring periods were generally fine and did not affect the monitoring results.
- 2.33 Impact air quality monitoring were conducted on 5, 10, 16, 22 and 28 October 2024 in the reporting month.

3. NOISE MONITORING

Monitoring Requirements

- 3.1 In accordance with EM&A Manual (EIA Register No. 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 hrs on normal weekdays.
- 3.3 If construction works are extended to include works during 1900 0700 hrs 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 6.

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

Table 3.1 Locations of Noise Monitoring Stations

Monitoring Parameters, Frequency and Duration

3.5 The noise monitoring locations and monitoring frequency are listed in Table 3.2.

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

Table 3.2 Noise Monitoring Parameters, Frequency and Duration

- 3.6 The monitoring schedule for reporting month and next month is presented in Appendix C.
- 3.7 Photographic records of the monitoring setup are shown in Appendix D.

Monitoring Equipment

3.8 As referred to the Technical Memorandum (TM) issued under the Noise Control Ordinance (NCO), sound level meters in compliance with the IEC 61672-1 (Class 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 3.3 summarizes the equipment to be used in the noise monitoring.

Table 3.3 Noise Monitoring Equipment

Equipment	Model	Quantity	Calibration Interval
Sound Level Meter	RION NL52	1	1 year
Sound Level Calibrator	RION NC74	1	1 year
Air Flowmeter	TSI TA440 Air Velocity	1	1 year

3.9 Calibration certificates, catalogue of equipment are given in Appendix J.

Monitoring Methodology and QA/QC Procedure

3.10 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.

- 3.11 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.
- 3.12 Turned on the sound level meter and check the battery, if too low, change new ones.
- 3.13 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.
- 3.14 Noise level was recorded.
- 3.15 Recorded any activities that may generate noise during measurement period.

Maintenance and Calibration

- 3.16 The microphone of the sound level meter and calibrator were cleaned with a soft cloth at quarterly intervals.
- 3.17 The sound level meter and sound calibrator were calibrated annually by HOKLAS accredited laboratory or equivalent.

Action and Limit Levels

3.18 The Baseline Noise Levels and Action and Limit Levels for construction noise is presented in Table 3.4.

_	Tuble 5.4 Buseline House Devel and Aleion and Elinit Devels for Construction House Monitoring							
	Time Period	Noise Monitoring Station	Baseline Noise Levels, dB (A)	Action Level	Limit Level ^			
	0700 – 1900 hrs	M4(A)	69.5	When one	75 ID(A)			
	on normal weekdays	M5(A)	72.5	documented complaint is received.	75 dB(A)			

Table 3.4 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

3.19 Impact noise monitoring results at the designated noise monitoring stations are summarized in Table 3.5 respectively.

Noise Monitoring Station	Measured L _{Aeq, 30-} min, Average, dB(A)	Measured L _{Aeq, 30-} ^{min,} Range, dB(A)	Action Level	Limit Level [^]
M4(A)	71.6	71.4-71.9	When one documented	75
M5(A)	74.0	73.4 - 74.4	complaint is received	dB(A)

Table 3.5 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.

- 3.20 There was no Action and Limit Level exceedance of L_{Aeq, 30-min} recorded during the reporting month.
- 3.21 Graphical presentation and detailed monitoring results are shown in Appendix K.
- 3.22 The Event and Action Plan is provided in Appendix L.
- 3.23 Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.
- 3.24 Weather conditions during the monitoring periods were generally fine and did not affect the monitoring results.
- 3.25 Impact noise monitoring were conducted on 10, 16, 22 and 28 October 2024 in the reporting month.

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 No. 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 Quality Monitoring Station	ASR No. in EIA report		Cumulative our average TSP atration Scenario 2 (Mid 2013 to Late 2016), µg/m ³	Measured 24-hr average TSP in Reporting Month (Oct 2024) µg/m ³
AM2(A) - Ng Wah Catholic Secondary School	NA	NA	NA	27 – 52
AM3 - Sky Tower	A40^	106^	138^	52 - 79

Note:

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

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

Air Quality Monitoring Station	ASR No. in EIA report	Maximum 1-ho	Cumulative our average TSP atration Scenario 2 (Mid 2013 to Late 2016), µg/m ³	Measured 1-hr average TSP in Reporting Month (Oct 2024) µg/m ³
AM2(A) - Ng Wah Catholic Secondary School	NA	NA	NA	33 - 59
AM3 - Sky Tower	A40^	217^	247^	44 - 78

Note:

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

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 (Oct 2024) L _{Aeq, 30min} , dB(A)
M4(A) – Le Billionnaire	NA	NA	71.4 - 71.9
M5(A) – Prince Ritz	NA	NA	73.4 - 74.4

Table 4.3 Comparison of Noise Monitoring Data with EIA predictions

- 4.2 No prediction in the EIA Report for 24-hour TSP monitoring results at AM2(A).
- 4.3 24-hour TSP monitoring results at AM3 was recorded lower than the prediction in the EIA Report. Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.
- 4.4 No prediction in the EIA Report for 1-hour TSP monitoring results at AM2(A).
- 4.5 1-hour TSP monitoring results at AM3 was recorded lower than the prediction in the EIA Report. Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.
- 4.6 No prediction in the EIA Report for noise monitoring results at M4(A) and M5(A).

5. LANDSCAPE AND VISUAL MONITORING

5.1 In accordance with EM&A Manual (EIA Register No. AEIAR-130/2009), Landscape and Visual Monitoring shall be carried out during the construction phase of the Project. Regular impact monitoring will be conducted at least once per week.

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 3, 10, 17, 24 and 31 October 2024 in the reporting month.
- 5.4 The summary of site audits is attached in Table 5.1.

Inspection Date	Key Observations	Recommendations / Actions	Close- out Date / Status
3 Oct 2024	NA	NA	NA
10 Oct 2024	NA	NA	NA
17 Oct 2024	NA	NA	NA
24 Oct 2024	NA	NA	NA
31 Oct 2024	NA	NA	NA

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 M 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 3, 10, 17, 24 and 31 October 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
3 Oct 2024	Observation: Please remind the stockpiles should be fully covered by impermeable sheeting to reduce dust emission.	Action Taken: The stockpile was removed.	Closed out on 10 Oct 2024
10 Oct 2024	Observation: The stockpile should be fully covered by impermeable sheeting to reduce dust emission.	Action Taken: The stockpile was fully covered by impermeable sheeting.	Closed out on 17 Oct 2024

Table 6.1 Summary of site inspections observations during the reporting month

Inspection Date	Key Observations	Recommendations / Actions	Close-out Date / Status
17 Oct 2024	Observation: The stock of more than 20 bags of cement should be covered entirely by impervious sheeting placed in an area sheltered on the top and the three sides.	Action Taken: The stock was fully covered entirely by impervious sheeting placed in an area sheltered on the top and the three sides.	Closed out on 24 Oct 2024
24 Oct 2024	NA	NA	NA
31 Oct 2024	Observation: Secondary container shall be provided for the plastic chemical to prevent soil contamination.	Action Taken: The plastic chemical has been removed.	Closed out on 07 Nov 2024

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 N.
- 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.

able 6.2 Summary of Environmental Licenses, Notifications and Permits				
Environmental Licenses, Notifications and Permits	Ref. No.	Valid From	Valid Till	
Environmental Permit under EIAO	EP-337/2009	23 Apr 2009	N/A	
Construction Dust Notification under APCO	HA/1826/1	29 Dec 2020	N/A	
Waste Disposal Billing Account	7038086	21 Aug 2020	N/A	
Registration as a Chemical Waste Producer	5111-286-B2596-01	15 Sep 2020	N/A	
Westernster Discharge Lisense under	WT00037618-2021	29 Mar 2021	31 Mar 2026	
Wastewater Discharge License under WPCO	WT00037370-2021	29 Mar 2021		
WFCO	WT00038562-2021	15 Jul 2021	31 Jul 2026	
Construction Noise Permit	GW-RE0443-24	20 Apr 2024	19 Oct 2024	
Construction moise Permit	GW-RE0961-24	14 Aug 2024	30 Nov 2024	

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 as stated in the EIA report, the EP and the EM&A Manual. The implementation status of the mitigation measures is summarized in Appendix O.

Environmental Complaint and Non-compliance

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

Table 6.3 Summary of complaints in the Reporting Month

Date of complaint received	Date of compliant	Description of complaint	Recommendations / Action taken	Close-out date / Status
No complaint was received in the reporting month.	NA	NA	NA	NA

6.9 Complaint log is shown in Appendix P.

Notifications of summons and successful prosecutions

6.10 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.

		is and successful prosecutio	1 0	
Date of receiving notification of summons or prosecutions	Date of event	Description of event	Action taken	Close-out date / Status
No notification	NA	NA	NA	NA
of summons				
and successful				
prosecutions				
were				
received in				
the reporting				
month.				

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

6.11 The summaries of cumulative environmental complaint, warning, summons and notification of successful prosecution for the Project is presented in Appendix P.

7. FUTURE KEY ISSUES

Construction Programme in the coming month

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

<i>Table 7.1 Summary of Juline key issues and potential impact in th</i>	5
Future key issues in the coming month	Potential impact
Installation of Canopy at LW-02	Noise and Air Quality
Construction of Pillar box at LW-02	Noise and Air Quality
Lift installation at LW02 and KS10	Noise and Air Quality
Installation of glass panel and aluminum panels of LW02	Noise and Air Quality
Installation of glass balustrade at LW02	Noise and Air Quality
Tiling works at LW02	Noise and Air Quality
E&M installation for KS10	Noise and Air Quality
Drainage System for KS10	Noise and Air Quality
Demolition of existing parapet of K73	Noise and Air Quality
Construction of Parapet for S14 and K73	Noise and Air Quality
Refurbishment Work for Road Bridge K73	Noise and Air Quality
Dismantle of Portal Frame for K73 Bridge	Noise and Air Quality
Construction of bridge deck of S14	Noise and Air Quality
Drainage Construction works at PS2	Noise and Air Quality
Construction of Hoarding at CDR	Noise and Air Quality
SB01 Retrieval Shaft Headwall construction	Noise and Air Quality
Renovation works of SB01	Noise and Air Quality
SB01 Launching Shaft Lift Tower steel frame installation	Noise and Air Quality
Installation of VE-Panel at Pedestrian Subway SB01	Noise and Air Quality
Excavation and Construction of SB01 Additional Staircase	Noise and Air Quality
Tilling works at SB01	Noise and Air Quality
Road and Drain Construction works for Road L16, L9 and	Noise and Air Quality
Road D1 Construction works for DCS (Ch83-135, SV-S-2A4)	Noise and Air Quality

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

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 Report.
- 7.3 The recommended environmental measures proposed in the EM&A Manual (EIA Register No. AEIAR-130/2009) shall be effectively implemented to minimize the potential environmental impacts. The Contractor is reminded to implement the mitigation measures properly.

Environmental Site Inspection and Monitoring Schedule for next month

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

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.
- 8.3 24-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
- 8.4 Construction noise monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
- 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.
- 8.7 Based on the site inspection and audits, impact air quality and noise monitoring results, it was considered that the mitigation measures were effective to control the potential environmental impacts from the Project during the reporting period.

Figure

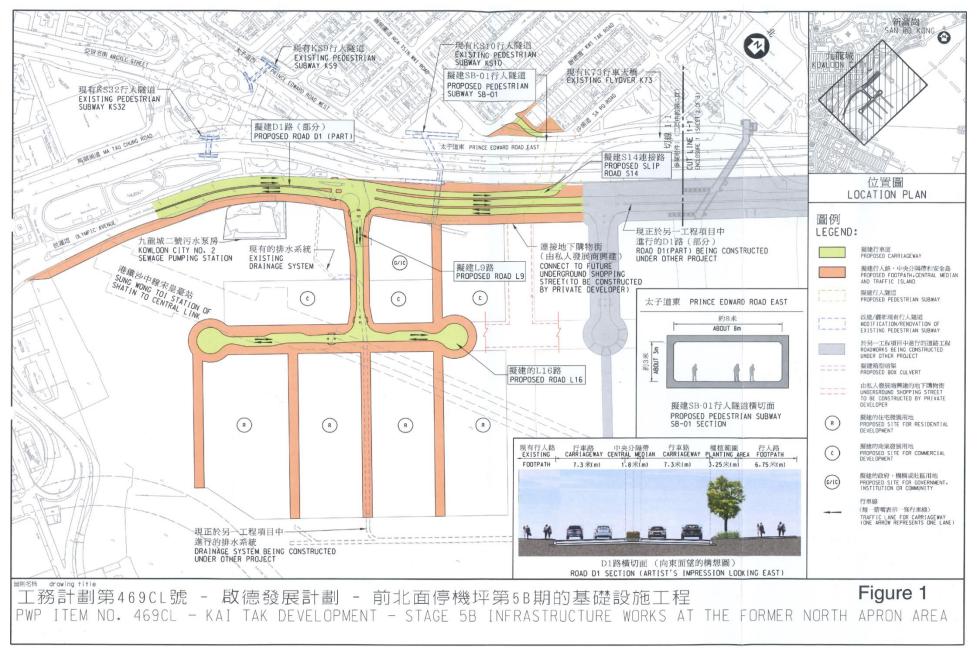


Figure 1 - Proposed works of Contract No. ED/2018/05

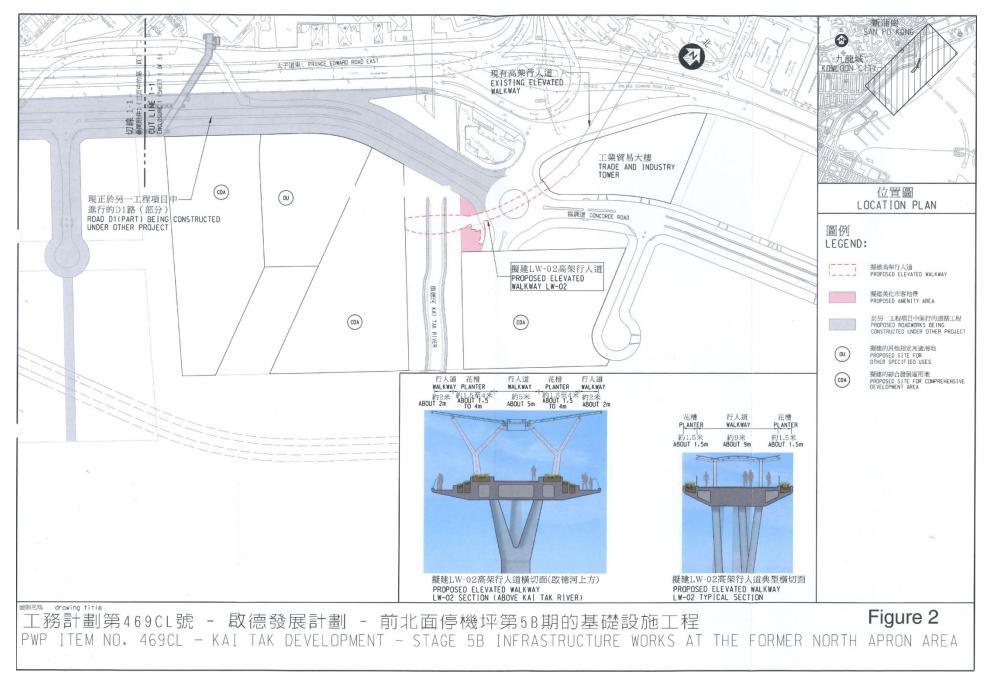


Figure 2 – Proposed works of Contract No. ED/2018/05

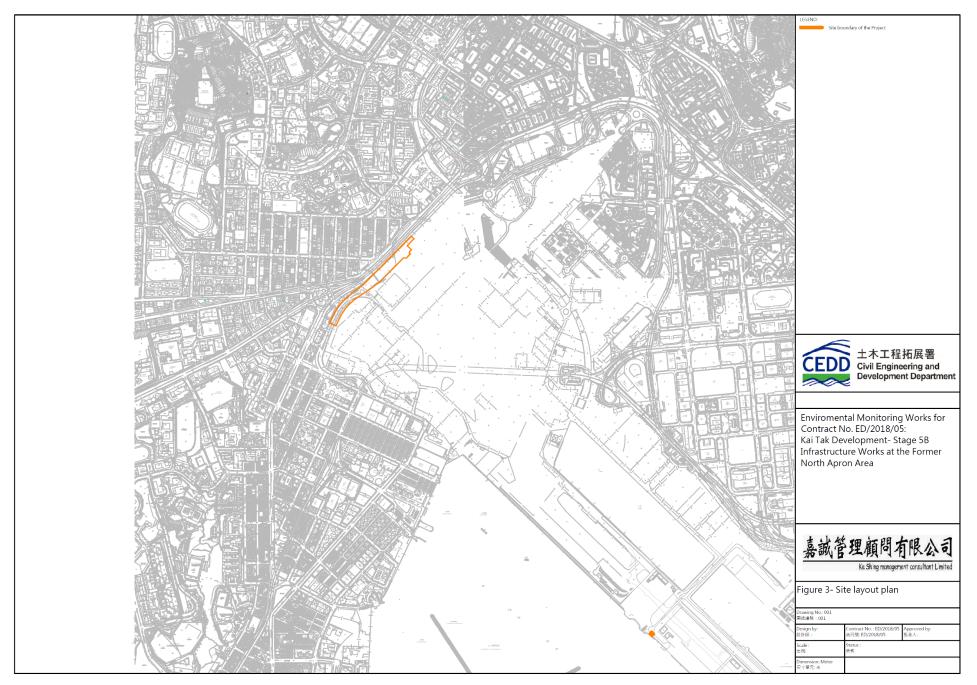


Figure 3 – D1 Road Site Layout Plan

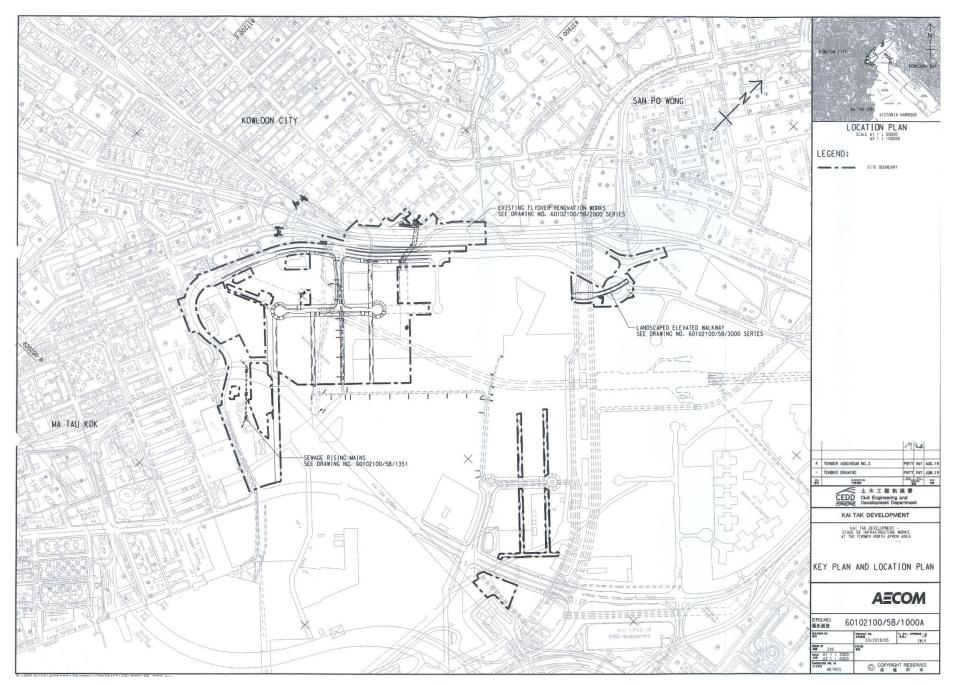


Figure 4 – Site Layout Plan

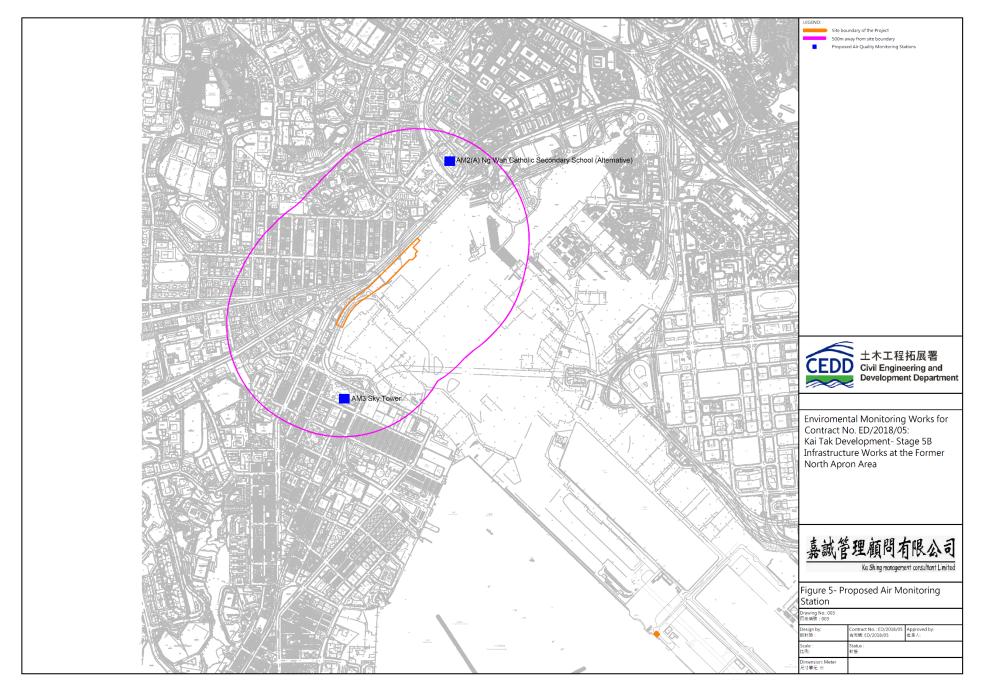


Figure 5 – Air Quality Monitoring Stations

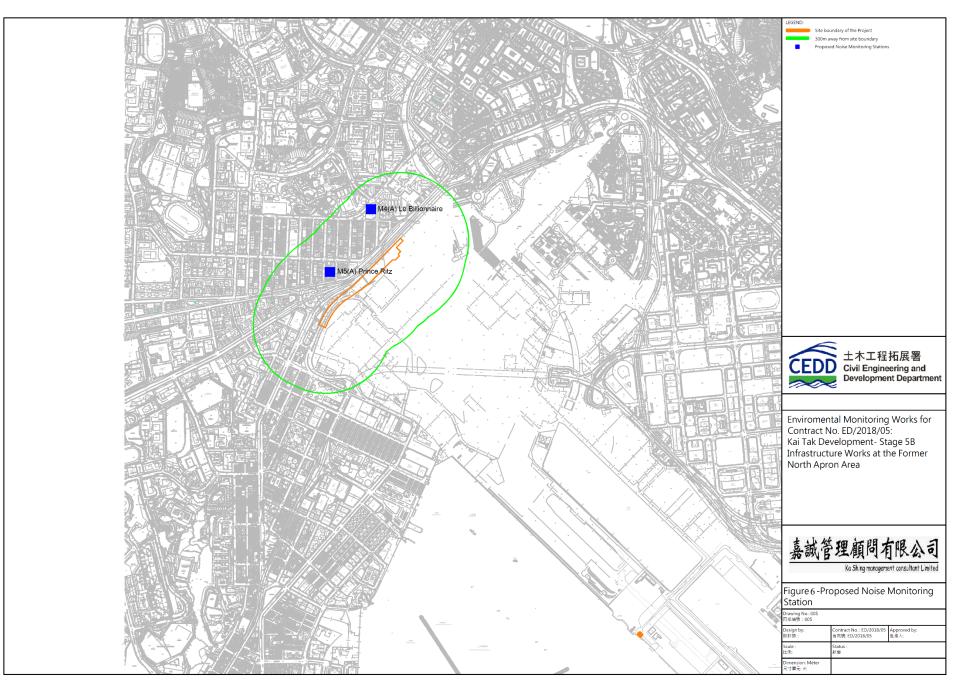
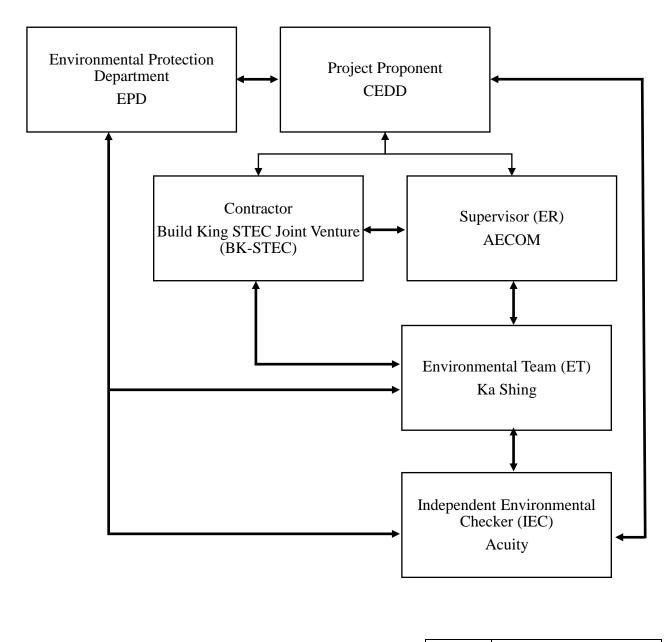
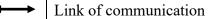


Figure 6 – Noise Monitoring Stations

Appendix A – Organization Chart of EM&A Team





Appendix B – Construction Programme

D	Activity Name	Dur (d)	Early Star	t Early Finish	Late Start	Late Finish	Total Float	Calendar		OND	JEM	2021	ASION		AMU	JASO	NDJE	202 MAMJ	JASOI	ND.
UTAK DEVELOBMEN		1762	22-Jul-20	30-Jun-26	07-Apr-20	30-Jun-26	0	the second second	JAS		JEM		AJOIN	U J I I M	Amo	IN SION				10
	I - STAGESBINHASTRUCTURE WURKS AT THE FORWER NORTH APRON AREA	2170	22-Jul-20	30-Jun-26		30-Jun-26	0	2				_	_		_			\rightarrow		-
TD.KD.1000	Contract date	0	22-Jul-20		22-Jul-20		0	2	V						t-			++		
D.KD.1010	Contract starting date	0	31-Jul-20		31-Jul-20		0	2	▼											
.KD.1020	Contract completion date	0		30-Jun-26		30-Jun-26	0	2										1		T
SS DATES		1429	31-Jul-20	29-Jun-24	07-Apr-20	29-Jun-24	0	2			-	-			<u> </u>			+++		
0.KD.1030	Parts 1, 1A, 1B, 2, 3, 4, 7, 8 and 9	0	31-Jul-20		07-Apr-20	and the local distance of	-115	2	▼		1	1	1	1	T			1 1		1
D.KD.1040	Part 5	0	30-Jun-22		30-Jun-22		0	2							, †					
D.KD.1050	Part 6	0	29-Jun-24		29-Jun-24		0	2					1		1			1		1
TD.KD.1060	Part 6A	0	30-Jun-21		30-Jun-21		0	2				V								
CTD.KD.1070	Works Areas WA1, WA2, WA3, WA4, WA5, WA6 and WA7	0	31-Jul-20	1	31-Jul-20		0	2							/ T					-
CTD.KD.1080	Part 10 and Works Area WA4A	0	29-Jan-21		29-Jan-21		0	2			▼ :									
KTD.KD.1090	Works Area WA8	0	31-Jul-22		31-Jul-22		0	2									1			-
DNTRACT SECTIONAL	L COMPLETION DATES	1483	30-Jun-21	30-Jun-26	10-May-21	30-Jun-26	0								i.			1		
CTD.KD.1100	Section 1:Compl of all works within Parts 1 and 8 and Elevated Landscaped Walkway LW-02	0		22-Feb-24		22-Feb-24	0	2												
TD.KD.1110	Section 2:Compl of all works within Parts 1B, 6A and 7 and remaining works of all Parts	0		07-Feb-25		30-Jun-26	508	2												
TD.KD.1120	Section 3A:Compl of all works within Parts 1A and 5 and drainage and sewage works within Part 6	0		22-Jun-24		22-Jun-24	0	2								1		1		1
D.KD.1121	Section 3B:Compl of all works within Parts 1A and 5 and drainage and sewage works within Part 6	0		22-Jun-24		22-Jun-24	0	1							,					
D.KD.1130	Section 4:Compl of all UU and services within Part 4	0		30-Jun-21		30-Jun-21	0	2					1							
0.KD.1140	Section 5:Compl of all UU and services within Part 3, rising mains diversion & demolition of ext. structures	0		21-Dec-21		17-Dec-21	-4	2						Y						
D.KD.1150	Section 6:Compl of all works within Part 2 and Part 10	0		27-Apr-22		29-Mar-22	-29	2				1			V					
TD.KD.1160	Section 7:Compl of all works within Part 3 (Subj to excision within 416days from starting date)	0		25-Feb-24		25-Feb-24	0	2												
TD.KD.1170	Section 8:Compl of all Box Culvert B1 within Parts 1 and 3 and diversion and abandon works	0		29-Jul-21		10-May-21	-80	2								1				-
D.KD.1180	Section 9:Compl of DCS works within Parts 1 and 1A (Subj to excision within 239days from starting date)	0		22-Dec-23		22-Dec-23	0	2				····				·····				
TD.KD.1190	Section 10:Compl of establ work for all landscape works(except Sections 14, 15 and 16)	0		26-Dec-24		26-Dec-24	0	2										1		-
TD.KD.1200	Section 11:Compl of all works within Part 4 (Subj to excision within 244days from starting date)	0		25-Feb-24		25-Feb-24	0													
TD.KD.1210	Section 12:Compl of all SB-01 within Part 1A	0		25-Sep-24		25-Sep-24	0	2								-				-
TD.KD.1220	Section 13:Compliof all works within Part 6	0		31-Dec-24 24-Feb-25		30-Jun-26 24-Feb-25	546 0	2	i				····		·····+·			-+ 		
CTD.KD.1230	Section 14:Compl of estab work for landscape works within Part 3 (Subj to excision within 416days from starting date)	0		24-Feb-25 24-Feb-25		24-Feb-25 24-Feb-25	0	2					1					1 1		1
CTD.KD.1240	Section 15:Compl of estab work for landscape works within Part 4 (Subj to excision within 244days from starting date)						0	2			·····				·+·			·		
CTD,KD,1250	Section 16:Compl of establ work for landscape works within Part 6	0		30-Jun-26 21-Feb-25		30-Jun-26 25-Sep-24	-149	2					1			1		1		1
TD.KD.1260	Section 17:Compl of establ work for landscape works under Section 1	240	22-Jul-20	18-Mar-21	04-Oct-20	30-Jun-26	1930	2				·····			/ -			-++		+
	S, PERMIT APPLICATION & APPROVAL		and the second second												/	1				
TD.KD.1270	Prepare/submission of temporary works design	30	22-Jul-20	20-Aug-20		02-Nov-20	74	2										+		
TD.KD.1280	Consultation/approval of temporary works design	60	21-Aug-20		03-Nov-20	01-Jan-21	74	2									1		1	
TD.KD.1290	Prepare/submit Temp Geotechnical&Structural Works to HyD/TD/CEDD/GEO and others (incl SB-01 by RTBM, etc.)	30	22-Jul-20		A. C. A. S. C. C.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1930	2										-+		
TD.KD.1300	Consult/approve Temp Geotechnical& Structural Works by HyD/TD/CEDD/GEO and others (incl SB-01 by RTBM, etc.)	120	21-Aug-20				1930 2080	2				1	1		. 1	1				1
TD.KD.1310	Prepare/submission of Temporary Drainage and Sewerage Management Plan to DSD/CEDD and others	30	22-Jul-20			01-May-26	2080	2								·····				
TD.KD.1320	Consultation/approval of Temporary Drahage and Sewerage Management Plan by DSD/CEDD and others	60 90	21-Aug-20 19-Dec-20		02-wiay-26	30-Jun-26 30-Jun-26	1930	2					1			1				
CTD.KD.1330	Application/approval of CNP for night works by relevant authorities and liaison with projects nearby Application/approval of permits or other statutory submissions by relevant authorities (i.e. CEDD,HyD,WSD,XPMS & EPD)	180	31-Jul-20		02-Jan-26	30-Jun-26	1981	2												
TD.KD.1340		240	31-Jul-20	-L-		30-Jun-26	1921	2								1			1	1
MPORARY TRAFFIC	WANCEEWIENU Prepare/Submit/Consult/Approval of TTA for loading/unloading at Sa Po Road and Concorde Road roundabout	60	31-Jul-20	and the second second		25-Oct-21	392	2	-						·					
TD.KD.1370 TD.KD.1380	Prepare/Submit/Consult/Approval of TTA for working platform erection cossing Concorde Road roundabout	90	29-Sep-20	-		29-Sep-22	641	2			1		1		(I					
KTD.KD.1390	Prepare/Submit/Consult/Approval of TTA for GV/diversion/preliminary works at PERE and Sa Po Road	90	31-Jul-20	28-Oct-20		31-Jan-26	1921	2		-	·····				·					
TD.KD.1400	Prepare/Submit/Consult/Approval of TTA for 2-staged Sa Po Poad and PERE WB diversion	90	30-Aug-20	27-Nov-20	2000000000000	02-Mar-26	1921	2					1							
TD.KD.1410	Prepare/Submit/Consult/Approval of TTA for road and drainage works along Olympic Avenue	120	28-Nov-20		03-Mar-26	30-Jun-26	1921	2	· · · · · · · · ·											
TD.KD.2180	1st TMLG Meeting	0		18-Sep-20		18-Sep-20	0	2	▼											
TD.KD.2220	2nd TMLG Meeting	0		19-Nov-20		19-Nov-20	0	2		V										
TD.KD.2230	3rd TMLG Meeting	0		15-Jan-21		14-Jan-21	0	2			▼ !									
TD.KD.2240	4th TMLG Meeting	0		23-Mar-21		23-Mar-21	0	2			V				1			1		1
and a second	TH AND SAFETY MANAGEMENT	1801	22-Jul-20	a la martina	23-Jul-20	26-Jun-25	0	2			_	_			<u> </u>			+		-
D.KD.1420	Prepare/submit of Draft Safety Plan	13	22-Jul-20			04-Aug-20	1	2										++		
D.KD.1420	Prepare/submit Safety Plan	21	04-Aug-20			25-Aug-20	1	2					1			1	1			1
TD.KD.1440	Conduct meeting to discuss Draft Safety Plan	0		03-Aug-20		03-Aug-20	0	2	▼		†				·+			11		
TD.KD.1450	Prepare/submit Site Traffic Safety Management Plan	41	22-Jul-20		23-Jul-20	01-Sep-20	1	2			1									1
TD.KD.1460	Prepare/submit Construction Health and Safety Plan	29	22-Jul-20	19-Aug-20		20-Aug-20	1	2	6		†				†-			1		
TD.KD.1470	1st SSMC Meeting	1	26-Aug-20	-			0	2	1		1									-
KTD.KD.1480	2nd SSMC Meeting	1	23-Sep-20			23-Sep-20	0	2	1		·····				·····			1		
TD.KD.1490	3rd SSMC Meeting	1	29-Oct-20		- una month and the	29-Oct-20	0	2		1										1
TD.KD.1500	4th SSMC Meeting	1	26-Nov-20	26-Nov-20	26-Nov-20	26-Nov-20	0	2		1					r t			11		
TD.KD.1510	5th SSMC Meeting	1	31-Dec-20	31-Dec-20	31-Dec-20	31-Dec-20	0	2							(I					
TD.KD.1520	6th SSMC Meeting	1	28-Jan-21	28-Jan-21	28-Jan-21	28-Jan-21	0	2			1				r t			1		
TD.KD.1530	7th SSMC Meeting	1	25-Feb-21		25-Feb-21	25-Feb-21	0	2			1				1					
CTD.KD.1540	8th SSMC Meeting	1	24-Mar-21	24-Mar-21	24-Mar-21	24-Mar-21	0	2							· · · · ·			1 1		
CTD.KD.1550	9th SSMC Meeting	1	29-Apr-21	29-Apr-21	29-Apr-21	29-Apr-21	0	2		-		1								
TD.KD.1560	10th SSMC Meeting	1	27-May-21			27-May-21	0	2	1	[1						T		
KTD.KD.1570	11th SSMC Meeting	1	24-Jun-21	24-Jun-21	24-Jun-21	24-Jun-21	0	2				ų.						1.1	1	
KTD.KD.1580	12th SSMC Meeting	1	29-Jul-21	29-Jul-21	29-Jul-21	29-Jul-21	0	2		[T			T		1
KTD.KD.1590	13th SSMC Meeting	1	26-Aug-21	26-Aug-21	26-Aug-21	26-Aug-21	0	2					1							
KTD.KD.1600	14th SSMC Meeting	1	30-Sep-21	30-Sep-21	30-Sep-21	30-Sep-21	0	2				T	1		T				1	1
KTD.KD.1610	15th SSMC Meeting	1	28-Oct-21	28-Oct-21	28-Oct-21	28-Oct-21	0	2					1		1					
																				-
V Milestone	Planned Work					Re	v. 48												Date	
		i Tak F	Jovelan	mont	Ctore -				lorke	2+ +L	o Ec	mor	North	Anron	Are	2		27-	lun-24	V
Critical Milesto	ne Summary ED/2018/05 Ka	Tak L	revelop	ment -	and the second second					attr	e ru	mer		Apiol	Alea	4		21-4	Aug-24	V
Critical Remain	ning Work				WO	RKS PI	HOGR	AMM	=										Dct-24	V
					200	(Page												105-0	JC	t-24

	20	24			20	25			2026	
JFM	AMJ	JAS	OND	JFM	AMJ	JAS	OND	JFM	AMJ	JAS
		,								
								ļ		
								ļ		
		_								,
V										
				▼				ļ		
	V	-								
								1		
V										
								1		
								ļ		
		V						1		
			7	7						
									1	
						-				
								ļ		
								÷		
								+		
								<u> </u>		
								ļ		
		evision				ecked		Ар	proved	ł
Vorks	Progr	ramme	9		HL			RL		_
Vorks	Progr	ramme	9		HL			RL		_
vorks	Progr	ramme	3	l	HL		- TF	RL		-

	Activity Name	Dur (d)	Early Start		Late Start	Late Finish		Calendar		2021	and the second sec	22	and the second second second	2023	D I Clarke	2024 MUUUASION		2025		202
			OF NEW OF	Finish	DE NEW OF	25 hby 04	Float	2	JASONDJFMAI	JJASON	JFMAMJ	JASOND	MAM	JASON	DJFMAI	JJASON	JJFMA	JJASO	NUJFN	AN
KTD.KD.1620	16th SSMC Meeting	1	25-Nov-21			25-Nov-21	0	2												
KTD.KD.1630	17th SSMC Meeting	1	30-Dec-21	30-Dec-21	30-Dec-21	30-Dec-21	0	2	[
KTD.KD.1640	18th SSMC Meeting	1	27-Jan-22	27-Jan-22	27-Jan-22	27-Jan-22	0	2			1									
KTD.KD.1650	19th SSMC Meeting	1	24-Feb-22	24-Feb-22	24-Feb-22	24-Feb-22	0	2												1
CTD.KD.1660	20th SSMC Meeting	1	31-Mar-22	31-Mar-22	31-Mar-22	31-Mar-22	0	2												
CTD.KD.1670	21st SSMC Meeting	1	28-Apr-22	28-Apr-22	28-Apr-22	28-Apr-22	0	2			1 1									
CTD.KD.1680	22nd SSMC Meeting	1			26-May-22		0	2						1						
the second second second		1	30-Jun-22	100000000000000000000000000000000000000		30-Jun-22	0	2												1
(TD.KD.1690	23rd SSMC Meeting	1			1.5.00000000000000000000000000000000000		-							······						
CTD.KD.1700	24th SSMC Meeting	1	28-Jul-22	28-Jul-22			0	2			1 1	1.1		1 1	1 1					1
CTD.KD.1710	25th SSMC Meeting	1	25-Aug-22	25-Aug-22	25-Aug-22	25-Aug-22	0	2												
CTD.KD.1720	26th SSMC Meeting	1	29-Sep-22	29-Sep-22	29-Sep-22	29-Sep-22	0	2				1								
TD.KD.1730	27th SSMC Meeting	1	27-Oct-22	27-Oct-22	27-Oct-22	27-Oct-22	0	2			1 1	1		1 1						1
CTD.KD.1740	28th SSMC Meeting	1	24-Nov-22	24-Nov-22	24-Nov-22	24-Nov-22	0	2				1		1						
Westerness Concest		1	29-Dec-22			29-Dec-22	0	2						1						
(TD.KD.1750	29th SSMC Meeting		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1.0.00	1.22.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	26-Jan-23	0	2	·					·····			···			
CTD.KD.1760	30th SSMC Meeting	1		26-Jan-23							1 1		·							1
CTD.KD.1770	31st SSMC Meeting	1	23-Feb-23			23-Feb-23	0	2												-+
CTD.KD.1780	32nd SSMC Meeting	1	30-Mar-23				0	2						1						1
KTD.KD.1790	33rd SSMC Meeting	1	27-Apr-23	27-Apr-23	27-Apr-23	27-Apr-23	0	2					1							
CTD.KD.1800	34th SSMC Meeting	1	25-May-23	25-May-23	25-May-23	25-May-23	0	2					1	1	1					1
CTD.KD.1810	35th SSMC Meeting	1	29-Jun-23		29-Jun-23		0	2						1						
		1	27-Jul-23		27-Jul-23		0	2				·····	·····†	11-1			···	····		
CTD.KD.1820	36th SSMC Meeting		Contraction of the second		200520522	1.2000													l.	1
KTD.KD.1830	37th SSMC Meeting	1	31-Aug-23			31-Aug-23	0	2												
CTD.KD.1840	38th SSMC Meeting	1	28-Sep-23	28-Sep-23	28-Sep-23	28-Sep-23	0	2						1	1					1
KTD.KD.1850	39th SSMC Meeting	1	26-Oct-23	26-Oct-23	26-Oct-23	26-Oct-23	0	2												1
KTD.KD.1860	40th SSMC Meeting	1	30-Nov-23	30-Nov-23	30-Nov-23	30-Nov-23	0	2												1
(TD.KD.1870	41st SSMC Meeting	1	28-Dec-23		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	28-Dec-23	0	2		1					1					1
	42nd SSMC Meeting	1	25-Jan-24				0	2				·····		1	1					
CTD.KD.1880							0	2						1						1
CTD.KD.1890	43rd SSMC Meeting	1		29-Feb-24	1000000000	29-Feb-24														- <u> </u>
TD.KD.1900	44th SSMC Meeting	1	28-Mar-24				0	2						1						1
CTD.KD.1910	45th SSMC Meeting	1	25-Apr-24	25-Apr-24	25-Apr-24	25-Apr-24	0	2												
KTD.KD.1920	46th SSMC Meeting	1	30-May-24	30-May-24	30-May-24	30-May-24	0	2								1				1
KTD.KD.1930	47th SSMC Meeting	1	27-Jun-24	27-Jun-24	27-Jun-24	27-Jun-24	0	2								6				
KTD.KD.1940	48th SSMC Meeting	1	25-Jul-24		25-Jul-24		0	2						7						T
and the Constant of Marine State		1			29-Aug-24		0	2												
KTD.KD.1950	49th SSMC Meeting		5.			Contract Contractor							·····	·····				····		- <u>†</u>
CTD.KD.1960	50th SSMC Meeting	1		26-Sep-24		26-Sep-24	0	2						1						1
CTD.KD.1970	51st SSMC Meeting	1	31-Oct-24	31-Oct-24	31-Oct-24	31-Oct-24	0	2												
CTD.KD.1980	52nd SSMC Meeting	1	28-Nov-24	28-Nov-24	28-Nov-24	28-Nov-24	0	2						1	1					1
CTD.KD.1990	53rd SSMC Meeting	1	26-Dec-24	26-Dec-24	26-Dec-24	26-Dec-24	0	2									(
KTD.KD.2000	54th SSMC Meeting	1	30-Jan-25	30-Jan-25	30-Jan-25	30-Jan-25	0	2					1	1	1		11			1
CTD.KD.2010	55th SSMC Meeting	1	Concernances and the second	1000000000000000	27-Feb-25	1.5.00 AS\$4712555	0	2						1						1
					27-Mar-25		0	2			··{·····}		·····	·+····						
CTD.KD.2020	56th SSMC Meeting	1												1			1 1.			1
CTD.KD.2030	57th SSMC Meeting	1	24-Apr-25		24-Apr-25		0	2	· · · · · · · · · · · · · · · · · · ·										····	
(TD.KD.2040	58th SSMC Meeting	1	29-May-25	29-May-25	29-May-25	29-May-25	0	2										1)		1
KTD.KD.2050	59th SSMC Meeting	1	26-Jun-25	26-Jun-25	26-Jun-25	26-Jun-25	0	2												1
M RELATED DELIVERAB	LES	1653	31-Jul-20	07-Feb-25	.01-Aug-20	30-Jun-26	508	2		1				1 1	1					1
(TD.KD.2060	Prepare/submit BM Execution Plan	29	31-Jul-20	28-Aug-20	01-Aug-20	29-Aug-20	1	2						1						1
		44					1	2						+						
CTD.KD.2070	Prepare/submit Combined Services Drawings and CBWD generated from BM		31-Jul-20	12-Sep-20																1
CTD.KD.2080	Prepare/submit proposal of asset information requirement	364	31-Jul-20	29-Jul-21			1	2												
KTD.KD.2090	Prepare/submit Asset Data Deliverables for Section 1	60	25-Dec-23	22-Feb-24	02-May-26	30-Jun-26	859	2						1						1
KTD.KD.2100	Prepare/submit Asset Date Delive rables for Section 2	60	10-Dec-24	07-Feb-25	02-May-26	30-Jun-26	508	2									—			1
KTD.KD.2110	Prepare/submit Asset Date Deliverables for Section 3	60	23-Jun-24	21-Aug-24	02-May-26	30-Jun-26	678	2											1	1
(TD.KD.2120	Prepare/submit Asset Date Deliverables for Section 4	60	02-May-21			30-Jun-26	1826	2						1					1	1
	Prepare/submit Asset Date Deliverables for Section 5	60	23-Oct-21	21-Dec-21			1652	2						·					····-	1
CTD.KD.2130		60					1525	2		-									-	1
CTD.KD.2140	Prepare/submit Asset Date Delive rables for Section 6		27-Feb-22		- L									·····						
KTD.KD.2150	Prepare/submit Asset Date Delive rables for Section 7	60	28-Dec-23	Contraction and the second	1.0000000000000000000000000000000000000		856	2												
CTD.KD.2160	Prepare/submit Asset Date Deliverables for Section 8	60	31-May-21	29-Jul-21	02-May-26	30-Jun-26	1797	2		—										
CTD.KD.2170	Prepare/submit Asset Date Delive rables for Section 9	60	24-Oct-23	22-Dec-23	02-May-26	30-Jun-26	921	2												
KTD.KD.2190	Prepare/submit Asset Date Deliverables for Section 11	60	28-Dec-23	25-Feb-24	02-May-26	30-Jun-26	856	2											i	1
KTD.KD.2200	Prepare/submit Asset Date Deliverables for Section 12	60	28-Jul-24	25-Sep-24	02-May-26	30-Jun-26	643	2					T	1						T
CTD.KD.2210	Prepare/submit Asset Date Deliverables for Section 13	60	02-Nov-24			and the second s	546	2												1
					1			-					·····	+						+
ALUE-ENGINEERING SHO	EME DROP-OFF SCHEDULE	832		09-Nov-22	a second s	and the second		2											1	
KTD.VE.1000	Review/prepare/submit VE scheme for permanent concrete segment for Pedestrian Subway SB-01	488	31-Jul-20	30-Nov-21	31-Jul-20	30-Nov-21	0	2												
KTD.VE.1010	Review/prepare/submit VE scheme for alternative alignment for Pedestrian Subway SB-01	488	31-Jul-20	30-Nov-21	31-Jul-20	30-Nov-21	0	2												
KTD.VE.1020	Review/prepare/submit VE scheme for piling arrangement for new pier of existing Bridge K73	671	31-Jul-20	01-Jun-22	31-Jul-20	01-Jun-22	0	2			and the second second									1
	Review/prepare/submit VE scheme for piling arrangement for abutment of Slip Road S14	832	31-Jul-20	09-Nov-22	31-Jul-20	09-Nov-22	0	2						1 1					1	T
	Review/prepare/submit VE scheme for piling arrangement for lift shaft and staircase of LW-02	631	31-Jul-20	100000000000000000000000000000000000000			0	2			i i							1		
CTD.VE.1030	To non-improper or out of the owner for prime and generation in a next and staticase of Entrope	-						-											·····	·†
TD.VE.1030 TD.VE.1050	VARYO .	1350	22-Jul-20	and the second second	07-Apr-20	and the second													1	
CTD.VE.1030 CTD.VE.1050	VORKS	1313	31-Jul-20	31-Dec-24	01-Aug-20	30-Jun-26	441													
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V		1310		15-Aug-24	15-Jun-21	30-Jun-25	257	1		1 1			1	1	1				ł	
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V		1200	31-Jul-20					1				· · · · ·							10	2.2
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V GENERAL AND PRELIMI KTD.GW.1000	NARY WORKS General and preliminary works (inclu site formation, site set-up, access, temp drain. sys, ground investigation and etc)		31-Jul-20 31-Jul-20	31-Dec-24	22-Jan-21	30-Jun-25	144			and the second se							-		i.	
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V GENERAL AND PRELIMI KTD.GW.1000 KTD.GW.1010	NARY WORKS General and preliminary works (inclu site formation, site set-up, access, temp drain. sys, ground investigation and etc) Construction, maintenance and removal of ICA, EVA, Crowd Dispersal Route and other temporary access	1200 1313	31-Jul-20	31-Dec-24			144	2	0	1 1										
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V GENERAL AND PRELIMI KTD.GW.1000 KTD.GW.1010 KTD.GW.1020	NARY WORKS General and preliminary works (inclu site formation, site set-up, access, temp drain. sys, ground investigation and etc) Construction, maintenance and removal of ICA, EVA, Crowd Dispersal Route and other temporary access Prepare/submit site arrangement plan (inclu hoarding, project sign board and security arrangement)	1200 1313 13	31-Jul-20 31-Jul-20	31-Dec-24 12-Aug-20	01-Aug-20	13-Aug-20	144													
KTD.VE.1030 KTD.VE.1050 KTD.GW.1050 KTD.GW.1000 KTD.GW.1010 KTD.GW.1020 KTD.GW.1030	NARY WORKS General and preliminary works (inclu site formation, site set-up, access, temp drain. sys, ground investigation and etc) Construction, maintenance and removal of ICA, EVA, Crowd Dispersal Route and other temporary access Prepare/submit site arrangement plan (inclu hoarding, project sign board and security arrangement) Design/submit/approval site layout plan and Contractor's site accommodation using MIC method	1200 1313 13 44	31-Jul-20 31-Jul-20 13-Aug-20	31-Dec-24 12-Aug-20 25-Sep-20	01-Aug-20	13-Aug-20 26-Sep-20	1	2												
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V GENERAL AND PRELIMI KTD.GW.1000 KTD.GW.1010 KTD.GW.1020	NARY WORKS General and preliminary works (inclu site formation, site set-up, access, temp drain. sys, ground investigation and etc) Construction, maintenance and removal of ICA, EVA, Crowd Dispersal Route and other temporary access Prepare/submit site arrangement plan (inclu hoarding, project sign board and security arrangement)	1200 1313 13	31-Jul-20 31-Jul-20	31-Dec-24 12-Aug-20 25-Sep-20	01-Aug-20	13-Aug-20	144 1 1 1629													
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V GENERAL AND PRELIMI KTD.GW.1000 KTD.GW.1010 KTD.GW.1020 KTD.GW.1030 KTD.GW.1040	NARY WORKS General and preliminary works (inclu site formation, site sel-up, access, temp drain. sys, ground investigation and etc) Construction, maintenance and removal of ICA, EVA, Crowd Dispersal Route and other temporary access Prepare/submit site arrangement plan (inclu hoarding, project sign board and security arrangement) Design/submit/approval site layout plan and Contractor's site accommodation using MiC method Construct foundation and erect Contractor's site accommodation	1200 1313 13 44	31-Jul-20 31-Jul-20 13-Aug-20	31-Dec-24 12-Aug-20 25-Sep-20	01-Aug-20	13-Aug-20 26-Sep-20 30-Jun-26	1 1 1629							Date		Revision		Checked	Ap	pro
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V GENERAL AND PRELIMI KTD.GW.1000 KTD.GW.1010 KTD.GW.1020 KTD.GW.1030	NARY WORKS General and preliminary works (inclu site formation, site sel-up, access, temp drain. sys, ground investigation and etc) Construction, maintenance and removal of ICA, EVA, Crowd Dispersal Route and other temporary access Prepare/submit site arrangement plan (inclu hoarding, project sign board and security arrangement) Design/submit/approval site layout plan and Contractor's site accommodation using MiC method Construct foundation and erect Contractor's site accommodation	1200 1313 13 44 76	31-Jul-20 31-Jul-20 13-Aug-20 26-Sep-20	31-Dec-24 12-Aug-20 25-Sep-20 29-Dec-20	01-Aug-20 14-Aug-20 27-Mar-26	13-Aug-20 26-Sep-20 30-Jun-26	1 1 1629 v. 48	2					27		Works Pr			Checked	Ap	ppro
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V GENERAL AND PRELIMI KTD.GW.1000 KTD.GW.1010 KTD.GW.1020 KTD.GW.1030 KTD.GW.1040 V Milestone	NARY WORKS General and preliminary works (inclu site formation, site sel-up, access, temp drain. sys, ground investigation and etc) Construction, maintenance and removal of ICA, EVA, Crowd Dispersal Route and other temporary access Prepare/submit site arrangement plan (inclu hoarding, project sign board and security arrangement) Design/submit/approval site layout plan and Contractor's site accommodation using MiC method Construct foundation and erect Contractor's site accommodation	1200 1313 13 44 76	31-Jul-20 31-Jul-20 13-Aug-20 26-Sep-20	31-Dec-24 12-Aug-20 25-Sep-20 29-Dec-20	01-Aug-20 14-Aug-20 27-Mar-26	13-Aug-20 26-Sep-20 30-Jun-26	1 1 1629 v. 48	2		ner North	Apron Are	a		Jun-24	Canada a companya com	rogramme	HL	Checked	RL	pro
KTD.VE.1030 KTD.VE.1050 VIL AND STRUCTURAL V GENERAL AND PRELIMI KTD.GW.1000 KTD.GW.1010 KTD.GW.1020 KTD.GW.1030 KTD.GW.1040	NARY WORKS General and preliminary works (inclu site formation, site set-up, access, temp drain. sys, ground investigation and etc) Construction, maintenance and removal of ICA, EVA, Crowd Dispersal Route and other temporary access Prepare/submit site arrangement plan (inclu hoarding, project sign board and security arrangement) Design/submit/approval site layout plan and Contractor's site accommodation using MiC method Construct foundation and erect Contractor's site accommodation Planned Work Summary	1200 1313 13 44 76	31-Jul-20 31-Jul-20 13-Aug-20 26-Sep-20	31-Dec-24 12-Aug-20 25-Sep-20 29-Dec-20	01-Aug-20 14-Aug-20 27-Mar-26 Stage	13-Aug-20 26-Sep-20 30-Jun-26	1 1629 v. 48 struct	2 1 ture V	orks at the Forr	ner North	Apron Are	a			Canada a companya com			Checked	Ap RL RL	opro

	Activity Name	Dur (d)	Early Start	Early Finish		Late Finish	Total Float	Calendar	JASOND JFMAMJ J	ASOND	JFMA	MJJAS	ONDJFMA	MJJASON	NDJ
KTD.GW.1050	Tree Survey	27	31-Jul-20	26-Aug-20	01-Aug-20		1	2							
KTD.GW.1055	hitial tree survey report and tree felling application	120	27-Aug-20	24-Dec-20	26-Nov-20	25-Mar-21	91	2							1
KTD.GW.1056	Obtain tree felling permit from relevant authorities	77	25-Dec-20	11-Mar-21	26-Mar-21	10-Jun-21	91 72	1							
KTD.GW.1060	Tree feiling works at Sa Po Road to facilitate construction of road diversion (Stage 1, 9 nos.)	12	12-Mar-21 07-Jun-21	25-Mar-21 15-Jun-21	11-Jun-21 26-Jun-21	25-Jun-21 05-Jul-21	16	1							ł
KTD.GW.1061 KTD.GW.1065	Tree felling works at Sa Po Road to facilitate existing utilities diversion works (5 nos.) Tree felling works at Kai Tak Area	60	28-Dec-20	11-Mar-21	18-Apr-26	30-Jun-26	1571	1							
KTD.GW.1070	Protection to retained trees and tree transplating works	234	27-Aug-20	12-Jun-21	13-Sep-25	30-Jun-26	1497	1							1
		1232	22-Jui-20	12-Sep-24	03-Aug-20	25-Sep-24	10	and the second second					<u> </u>		
	EDESTRIAN SUBWAY SB-01 BMISSIONS FOR PEDESTRIAN SUBWAY SB-01	330	06-Jan-21	01-Dec-21	30-May-21	10-Jul-22	221	2			1				1
KTD.SB.SUBM.1000	Prepare ELS Design for Launching Shaft @Kai Tak Area	60	06-Jan-21	06-Mar-21	30-May-21	28-Jul-21	144	2							
KTD.SB.SUBM.1010	Review/comment ELS Design for Launching Shaft @Kai Tak Area and obtain ICE certificate	30	07-Mar-21	05-Apr-21	29-Jul-21	27-Aug-21	144	2							
KTD.SB.SUBM.1020	Consult/obtain approval of ELS Design for Launching Shaft @Kai Tak Area by AECOM	45	06-Apr-21	20-May-21	28-Aug-21	11-Oct-21	144	2							
KTD.SB.SUBM.1030	Prepare ELS Design for Retreiving Shaft @Sa Po Road	60	28-Feb-21	28-Apr-21	03-Sep-21	01-Nov-21	187	2							
KTD.SB.SUBM.1040	Review/comment ELS Design for Retreiving Shaft @Sa Po Road and obtain ICE certificate	30	29-Apr-21	28-May-21	02-Nov-21	01-Dec-21	187	2							1
KTD.SB.SUBM.1050	Consult/obtain approval of ELS Design for Retreiving Shaft @Sa Po Road by AECOM	187	29-May-21	01-Dec-21	02-Dec-21	06-Jun-22	187	2							1
KTD.SB.SUBM.1060	Prepare/submit GEO Submission for trenchless tunnel by RTBM to GEO/CEDD	90	10-Jan-21	09-Apr-21	21-Sep-21	19-Dec-21	254	2			1				
KTD.SB.SUBM.1070	Consult/obtain approval of GEO Submission for trenchless tunnel by RTBM by GEO/CEDD	203	10-Apr-21	29-Oct-21	20-Dec-21	10-Jul-22	254	2							
KTD.SB.SUBM.1080	Prepare/submit HyD B&S Submission for precast lining and re-alignment to HyD B&S	60	09-Feb-21	09-Apr-21	09-Jul-21	06-Sep-21	150	2							1
KTD.SB.SUBM.1090	Consult/obtain AIP of HyD B&S Submission for precast lining and re-alignment by HyD B&S	60	10-Apr-21	08-Jun-21	07-Sep-21	05-Nov-21	150	2							
KTD.SB.SUBM.1100	Consult/obtain DDA of HyD B&S Submission for precast lining and re-algnment by HyD B&S	169	09-Jun-21	24-Nov-21	06-Nov-21	23-Apr-22	150	2							
APPLICATION FOR WOR	KING VISA OF MAINLAND WORKERS FOR PEDESTRIAN SUBWAY SB-01	334	25-Nov-21	24-Oct-22	03-Jan-22	26-Oct-22	2	2					-		
KTD.SB.VISA.1000	Prepare/submit/approval working visa for segment construction workers	90	25-Nov-21	22-Feb-22	03-Jan-22	02-Apr-22	39	2							
KTD.SB.VISA.1010	Travel from Mainland to HK for segment construction workers	7	23-Feb-22	01-Mar-22	03-Apr-22	09-Apr-22	39	2			0				
KTD.SB.VISA.1020	Prepare/submit/approval for HKID and obtain Green Card/Blue Card for segment construction workers	14	02-Mar-22	15-Mar-22	10-Apr-22	23-Apr-22	39	2			•				1
KTD.SB.VISA.1030	Prepare/submit/approval for Working Visa for tunneling construction workers	90	05-May-22	02-Aug-22	07-May-22	04-Aug-22	2	2							
KTD.SB.VISA.1040	Travel from Mainland to HK fortunneling construction workers	7	03-Aug-22	09-Aug-22		11-Aug-22	2	2				0			
KTD.SB.VISA.1050	Prepare/submit/approval for HKID and obtain Green Card/Blue Card for tunneling construction workers	14	10-Aug-22	1000	1	25-Aug-22	2	2				۵	l		
KTD.SB.VISA.1060	Obtain confined space certified worker/competent person certificate for tunneling construction workers	7	28-Aug-22	500 . 10	30-Aug-22	05-Sep-22	2	2							
KTD.SB.VISA.1070	Medical check for Form 3 and 6/receive reports for tunneling construction workers	21	04-Sep-22		06-Sep-22	26-Sep-22	2	2					·····		
KTD.SB.VISA.1080	Submit/approval for Form 3 and 6 by Labour Department for tunneling construction workers	30	25-Sep-22	24-Oct-22	27-Sep-22	26-Oct-22	2	2							
	ACTURING AND DELIVERY OF RTBM & FABRICATION OF PRECAST UNITS	619	22-Jul-20	22-Aug-22	06-Aug-20	30-Sep-22	33								
KTD.SB.PDF.1000	Design RTBM and associated equipment (cradle, back thrust wall and etc.)	339	22-Jul-20	25-Jun-21	06-Aug-20	10-Jul-21	15	2							
KTD.SB.PDF.1010	Procurement and manufacture RTBM and associated equipment	340	26-Jun-21	31-May-22	11-Jul-21	15-Jun-22	15	2		···· }······					
KTD.SB.PDF.1011	Conduct FAT for RTBM and associated equipment	1	01-Jun-22	01-Jun-22	16-Jun-22	16-Jun-22	15	2							
KTD,SB.PDF,1020	Complete RTBM manufacturing, packing and deliver to HK	70	02-Jun-22	10-Aug-22	17-Jun-22	25-Aug-22	15	2							
CTD.SB.PDF.1030	Design/submit/approve steel mould for precast segment construction	73	01-Sep-21	12-Nov-21	06-Oct-21	17-Dec-21	35	2							
CTD.SB.PDF.1040	Procurement and manufacture steel mould and associated equipment	67	13-Nov-21	18-Jan-22	18-Dec-21	22-Feb-22	35	2							
TD.SB.PDF.1050	Deliver steel mould and associated equipment to HK	28	19-Jan-22	15-Feb-22	23-Feb-22 23-Mar-22	22-Mar-22	35 30	1							
KTD.SB.PDF.1060	Assemble steel mould on casting yard	10	16-Feb-22	26-Feb-22	1000 1000 1000 1000	02-Apr-22	64	2							
CTD.SB.PDF.1070	Design/submit/approve gantry and associated equipment	20	26-Oct-21 15-Nov-21	14-Nov-21 18-Dec-21	29-Dec-21 18-Jan-22	17-Jan-22 20-Feb-22	64	2							
CTD.SB.PDF.1080	Procurement and manufacture gantry and associated equipment	11	19-Dec-21	29-Dec-21	21-Feb-22	03-Mar-22	64	2							
CTD.SB.PDF.1090	Pack/deliver gantry and associated equipment to HK	34	19-Dec-21	13-Dec-21	06-Jan-22	08-Feb-22	57	2							
KTD.SB.PDF.1100 KTD.SB.PDF.1110	Excavate/compact/cast gantry footing at Casting Yard Install gantry rail to footing and construct hard pavement for Casting Yard	20	14-Dec-21	08-Jan-22	09-Feb-22	03-Mar-22	43	1							
TD.SB.PDF.1120	Bakfill and compact rockfill layer for segment storage at Casting Yard	6	10-Jan-22	15-Jan-22	14-Apr-22	23-Apr-22	77	1			a 1		1 - 1 - 1		1
KTD.SB.PDF.1120	Install gantry structure and assoicated equipment at Casting Yard and SAT	26	10-Jan-22	11-Feb-22	04-Mar-22	02-Apr-22	43	1							
KTD.SB.PDF.1140	Cut-and-bend rebar delivery and trial fix for precast segment construction	14	28-Feb-22	15-Mar-22		23-Apr-22	30	1							
KTD.SB.PDF.1150	Submit/approval for CNP for working on Sunday and Holiday for casting precast segments	45	30-Jan-22		10-Mar-22	23-Apr-22	39	2							
KTD.SB.PDF.1160	Construct precast segments (49nos, 3days/unit, Working on Sunday & Holiday)	160	16-Mar-22	1	24-Apr-22	30-Sep-22	39	2			÷				
EDESTRIAN SUBWAY S		1006	22-Jul-20	08-Dec-23		25-Sep-24	236	1							-
KTD.SB.1000	Liaison/coordinate with utility and service undertakings on diversion works (including CLP, DCS work and etc.)	180	22-Jul-20	17-Jan-21	03-Aug-20	29-Jan-21	12	2							
KTD.SB.1010	Conduct seismic geophysical survey for PERE (Night time, Iane-by-Iane, 11 night shift) and Kai Tak Area (Day time)	15	04-Nov-20	20-Nov-20		11-Aug-21	212	1							
KTD.SB.1020	Expose and demolish existing foundation caps and locating existing piles (1 team) and formating working area	66	06-Jan-21	26-Mar-21	11 Jan-21	31-Mar-21	4	1							
KTD.SB.1030	Formate working area and install protection to 132kV and Rising Main	18	27-Mar-21	21-Apr-21	01-Apr-21	26-Apr-21	4	1						1	
(TD.SB.1040	Remove existing piles (37 nos, using DN2500 x 27 nos, 1 team)	52	22-Apr-21	24-Jun-21	27-Apr-21	29-Jun-21	4	1							
KTD.SB.1050	Compact and formate the pile removal area for existing haul road diversion and install instrumentation	36	25-Jun-21	06-Aug-21	30-Jun-21	11-Aug-21	4	1					1 1 1		1
KTD.SB.1060	Conduct diversion of existing 11kV cables by CLP	52	28-Jun-21	27-Aug-21	30-Jun-21	30-Aug-21	2	1							
KTD,SB.1070	hstall sheetpile (FSP V, Lines B-A, A-F, F-E, D-E, D-C, 30mH,1710m2, Team A)	50	10-Aug-21	08-Oct-21	12-Aug-21	11-Oct-21	2	1		—					1
KTD,SB.1075	Install sheetpile (FSP V, remaining at Line B-A and C-D and Line B-C, 30mH, 1190m2, Team B)	34	28-Aug-21	08-Oct-21	31-Aug-21	11-Oct-21	2	1							
KTD.SB.1080	Ground improvement works for break-in grout box (Vertical) and post-coring tests	60	09-Oct-21	18-Dec-21	22-Jul-22	30-Sep-22	230	1							
KTD.SB.1090	Excavate (GL@+6mPD to Strut 1@+5.0mPD, 520m3 exca)	7	09-Oct-21	18-Oct-21	12-Oct-21	20-Oct-21	2	1		0					
KTD.SB.1100	hstall Strut 1 and Excavate (Strut 1@+5.0mPD to Strut 2@+3.0mPD, 1560m3 exca)	17	19-Oct-21	06-Nov-21	21-Oct-21	09-Nov-21	2	1							
KTD.SB.1110	hstall Strut 2 and Excavate (Strut 2@+3.0mPD to Strut 3@+0.0mPD, 1300m3 exca)	20	08-Nov-21	30-Nov-21	10-Nov-21	02-Dec-21	2	1							
KTD.SB.1120	hstall Strut 3 and Excavate (Strut 3@+0.0mPD to Strut 4@-2.5mPD, 1300m3 exca)	20	01-Dec-21	23-Dec-21	03-Dec-21	28-Dec-21	2	1							
KTD.SB.1130	hstall Strut 4 and Excavate (Strut 4@-2.5mPD to Strut 5@-5.0mPD, 1300m3 exca)	20	24-Dec-21	19-Jan-22	29-Dec-21	21-Jan-22	2	1		ļ ļ	3				
KTD.SB.1140	hstall Strut 5 and Excavate (Strut 5@-5.0mPD to Strut 6@-8.0mPD, 1300m3 exca)	20	20-Jan-22	15-Feb-22	22-Jan-22	17-Feb-22	2	1							
KTD.SB.1150	Install Strut 6 and Excavate (Strut 6@-8.0mPD to FEL@-9.8mPD, 1040m3 exca)	20	16-Feb-22	10-Mar-22	18-Feb-22	12-Mar-22	2	1							
KTD.SB.1160	Construct RC structure of base slab and kicker (up to -8.0mPD, 540m3 conc)	35	11-Mar-22	25-Apr-22	14-Mar-22	27-Apr-22	2	1							
KTD.SB.1170	Backfill and remove strut 6@-7.5mPD	6	26-Apr-22	03-May-22	28-Apr-22	05-May-22	2	1			F	1			
KTD.SB.1180	Construct RC structure of wall 1 (up to -5.0mPD, 250m3 conc)	15	04-May-22	21-May-22	06-May-22	24-May-22	2	1							
KTD.SB.1190	Backfill and remove strut 5@-4.5mPD	6	23-May-22	28-May-22	25-May-22	31-May-22	2	1				0			1
KTD.SB.1200	Construct RC structure of wall 2 (up to -2.5mPD, 200m3 conc)	15	30-May-22	16-Jun-22	01-Jun-22	18-Jun-22	2	1							
KTD.SB.1210	Backfill and remove strut 4@-2.0mPD	6	17-Jun-22	23-Jun-22	20-Jun-22	25-Jun-22	2	1				0			
						20.00							Т	Date	T
Milestone	Planned Work					Re	v. 48						-		10
and the state of the state of the	ED/2018/05	Kai Tak D)evelop	ment -	Stage 5	B Infra	struc	cture W	Vorks at the Former	North A	pron	Area	-	27-Jun-24	W
Critical Milestone									CHARLES TO A STREET STREET		Automatical City			nd 0. 01	W
							POOL		-					21-Aug-24	
 Critical Milestone Critical Remainir 						RKS PI (Page			E				-	05-Oct-24	N N

2024 J F M A M J J A S		, 20	25	1	2026
JFMAMJJAS	SONDJF	MAMJ	JASON	DJFM	AMJJAS
	1				
	ļļ				
	ļļ				
	<u>+</u> +				
	<u> </u>				
	ļ				
	+				
	ļ				
Revisio			ecked		proved
Works Programm Works Programm	10	HL HL		RL RL	
Works Programm Works Programm	ie	HL		RL	
5		•			

	Activity Name	Dur (d)	Early Star	Early Finish	Late Start	Late Finish	Float	Calendar	JASOND JFMAMJJASC	NDJF		2022 JJASC	DND		2023 J J A
KTD.SB.1220	Construct RC structure of wall 3 (up to +0.0mPD, 210m3 conc)	15	24-Jun-22	12-Jul-22	27-Jun-22	14-Jul-22	2	1				0			
KTD.SB.1230	Backfill and remove strut 3@+0.5mPD	6	13-Jul-22	19-Jul-22	15-Jul-22	21-Jul-22	2	1				0			
KTD.SB.1240	Construct RC structure of wall and top slab with opening for RTBM Launching Works (up to 1.6 mPD, 450	Dm3 conc) 20	20-Jul-22	11-Aug-22	22-Jul-22	13-Aug-22	2	1							
CTD.SB.1250	Preparation works for RTBM and surface setup (Site setup, Gantry crane erection, showroom and etc.)	70	08-Jul-22	28-Sep-22	11-Jul-22	30-Sep-22	2	1							
KTD.SB.1260	Assembly RTBM and associated equipment (install cradle, back thrust wall pad, RTBM and associates) a	and SAT 30	24-Aug-22	28-Sep-22	26-Aug-22	30-Sep-22	2	1			1				
KTD.SB.1270	Remove sheetpile for RTBM Launching (11mx7m)	20	29-Sep-22	24-Oct-22	03-Oct-22	26-Oct-22	2	1					1		
KTD.SB.1280	RTBM Launching (initial drive, 6m, 4nos precast unit, 0.5m/d)	12	25-Oct-22	05-Nov-22	27-Oct-22	07-Nov-22	2	2			1	T	0		1
KTD.SB.1290	RTBM Launching (Main drive, 78m, 45nos precast unit, 1.5m/d)	45	06-Nov-22	20-Dec-22	08-Nov-22	22-Dec-22	2	2				1 1			1
KTD.SB.1300	RTBM Breakthrough into Retrieving Shaft @Sa Po Road	5	21-Dec-22	25-Dec-22	23-Dec-22	27-Dec-22	2	2				††-	0		
KTD.SB.1310	Replacement grout along trenchless tunnel area	5	28-Dec-22		28-Dec-22	03-Jan-23	0	1				1 1	ė		
a provide the second		40	04-Jan-23		04-Jan-23	21-Feb-23	0	1	↓			÷			
KTD.SB.1320	Remove RTBM and associated equipment (cradle, jacks, back thrust wall pad and etc.)						236	1				1	ſ		
KTD.SB.1330	Construct remaining RC structure of top slab and lift shaft and backfill	58	22-Feb-23			17-Feb-24									
KTD.SB.1340	hstall steelwork, ABWF, other facilities, lift and other E&M works	180	06-May-23		19-Feb-24	25-Sep-24	236	1							1
PEDESTRIAN SUB	WAY SB-01 AT SA PO ROAD	1111	14-Dec-20	A CONTRACTOR OF THE OWNER	06-Jan-21	25-Sep-24	10	Contraction of the							
KTD.SB.2000	Trial pit/trench excavation to identify existing underground utilities and services and ground investigation	works 51	14-Dec-20	17-Feb-21	06-Jan-21	09-Mar-21	17	1				1			1
KTD.SB.2010	Construct road diversion for Sa Po Road (Stage 1, incl carriageway and footpath)	45	18-Feb-21	15-Apr-21	10-Mar-21	06-May-21	17	1							
KTD.SB.2011	Exposed existing shallow covered watermain and conducting diversion works (NCE032/CE025)	43	15-Apr-21	27-May-21	04-May-21	15-Jun-21	19	2				1	1		1
KTD.SB.2012	Construction of remaining works after watermain diversion works for implement road diversion of Sa Po F	Road (CE032/CE02: 10	28-May-21	06-Jun-21	16-Jun-21	25-Jun-21	19	2				1	1		1
KTD.SB.2020	Implement TTA for Sa Po Poad diversion (Stage 1)	0		07-Jun-21		25-Jun-21	16	1	⊽			1			
KTD.SB.2030	Site clearance and excavation for trial pits to identify existing UU along Sa Po Road	5	07-Jun-21	11-Jun-21	29-Jun-21	05-Jul-21	18	1	-			1	1		1
		129	16-Jun-21	17-Nov-21	06-Jul-21	06-Dec-21	16	1				++			·····
KTD.SB.2040	Diversion of existing DN1800 stormwater drain pipe and underground utilities/services				- Station of the state										
KTD.SB.2050	hstall sheetpile for Retrieving Shaft (Stage 1, FSP V, 88nos, 24m-H, 1 team)	25	18-Nov-21	16-Dec-21	07-Dec-21	07-Jan-22	16	1							
KTD.SB.2060	Construct road diversion for Sa Po Road (Stage 2, Incl traffic deck, carriageway and footpath)	. 44	17-Dec-21	12-Feb-22	08-Jan-22	03-Mar-22	16	1				1			1
KTD.SB.2070	Implement TTA for Sa Po Poad diversion (Stage 2)	0		12-Feb-22		03-Mar-22	16	1		V					
KTD.SB.2080	hstall sheetpile for Retrieving Shaft (Stage 2A, FSP V, 46 nos, 24m-H, 1 team)	22	14-Feb-22	10-Mar-22	04-Mar-22	29-Mar-22	16	1		E					
KTD.SB.2090	Diversion to existing underground utilities/services for remaining sheetpil installation	44	11-Mar-22	06-May-22	30-Mar-22	26-May-22	16	1			Ļ				
KTD.SB.2100	hstall remaining sheetpile for Retrieving Shaft (Stage 2B, FSP V, 20 nos, 24m-H, 1 team)	8	07-May-22	17-May-22	27-May-22	06-Jun-22	16	1			0	T	1		T
KTD.SB.2110	Excavate and install ELS (GL@+6.0mPD to Strut 1@+5.0mPD, 270m3 exca)	6	18-May-22		07-Jun-22	13-Jun-22	16	1			٥	1			
KTD.SB.2120	Excavate and install ELS (Strut 1@+5.0mPD to Strut 2@+2.0mPD, 810m3 exca)	19	25-May-22	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	14-Jun-22	06-Jul-22	16	1				d			
						28-Jul-22	16	1							1
KTD.SB.2130	Excavate and install ELS (Strut 2@+2.0mPD to Strut 3@-0.5mPD, 675m3 exca)	. 19	17-Jun-22		07-Jul-22										
KTD.SB.2140	Excavate and install ELS (Strut 3@-0.5mPD to Strut 4@-3.0mPD, 675m3 exca)	19	11-Jul-22	01-Aug-22	29-Jul-22	19-Aug-22	16	1					1		1
KTD.SB.2150	Excavate and install ELS (Strut 4@-3.0mPD to Strut 5@-5.5mPD, 675m3 exca)	19	02-Aug-22	23-Aug-22	20-Aug-22	10-Sep-22	16	1							
KTD.SB.2160	Excavate and install ELS (Strut 5@-5.5mPD to Strut 6@-8.3mPD, 756m3 exca)	20	24-Aug-22	16-Sep-22	13-Sep-22	07-Oct-22	16	1							
KTD.SB.2170	Excavate and install ELS (Strut 6@-8.3mPD to FEL@-10.3mPD, 540m3 exca)	19	17-Sep-22	11-Oct-22	08-Oct-22	29-Oct-22	16	1							
KTD.SB.2180	Ground improvement works for breakthrough (Horizontal) and post-coring tests	25	12-Oct-22	09-Nov-22	31-Oct-22	28-Nov-22	16	1			1	I I			1
KTD.SB.2190	Construct tunnel portal for RTBM breakthrough	21	10-Nov-22	03-Dec-22	29-Nov-22	22-Dec-22	16	1							1
KTD.SB.2200	Remove tunnel portal and RTBM shield for RC structure connection works	60	30-Jan-23		10-Feb-23	25-Apr-23	10	1				++-			
							10	1				1			
KTD.SB.2210	Construct RC structure of base slab (xxx m3 conc)	25	14-Apr-23	and the second second		25-May-23						++-			
KTD.SB.2220	Construct RC structure of walls (xxx m3 conc)	52	15-May-23		27-May-23	28-Jul-23	10	1				1			T
KTD.SB.2230	Construct RC structure of roof slab and lift shaft (xxx m3 conc)	48	18-Jul-23	11-Sep-23	29-Jul-23	22-Sep-23	10	1							
KTD.SB.2240	Backfill Retrieving Shaft up to ground level	39	12-Sep-23	30-Oct-23	23-Sep-23	10-Nov-23	10	1				1			1
KTD.SB.2250	hstall ELS and excavate for remaining staircase and escalator trough structure	40	31-Oct-23	15-Dec-23	11-Nov-23	29-Dec-23	10	1							1
KTD.SB.2260	Construct RC structure of remaining staricase and escalator trough structure and backfill	60	16-Dec-23	29-Feb-24	30-Dec-23	12-Mar-24	10	1			1	1	1		1
KTD.SB.2270	Install steelwork, ABWF, other facilities and other E&M works	160	01-Mar-24	12-Sep-24	13-Mar-24	25-Sep-24	10	1				1			1
KTD.SB.2280	Planned Completion of Pedestrian Subway SB-01 (Related to Section 12)	0	-	12-Sep-24	1	25-Sep-24	13	2			····	†			
		861	31-Jul-20	1	08-Feb-21	22-Feb-24	197								÷ .
the second s	OF ELEVATED WALKWAY LW-02	the state of the s					a second					÷			
PIER 9		300	20-Oct-20	In the second second second	08-Feb-21	26-Jan-22	77					1	1		1
KTD.LW.1000	Pre-drilling works (2 nos, 1 rig)	45	20-Oct-20	11-Dec-20	08-Feb-21	08-Apr-21	91	1				. <u>.</u>			
KTD.LW.1010	Piling works for bored pile (PC9-A2, 2200dia x 67m)	40	31-Dec-20	19-Feb-21	09-Apr-21	27-May-21	77	1				1			1
KTD.LW.1020	Piling works for bored pile (PC9-A1, 2200dia x 67m)	40	20-Feb-21	12-Apr-21	28-May-21	15-Jul-21	77	1				1	1		1
KTD.LW.1030	Testing for completed bored piles (Sonic Test & Interface Core) and site clearance	18	13-Apr-21	04-May-21	16-Jul-21	05-Aug-21	77	1				1			1
KTD.LW.1040	Installation of ELS and excavation for pile cap construction (520.5m3 exca, 1 team)	29	05-May-21		06-Aug-21	08-Sep-21	77	1				1			1
KTD.LW.1040	Construction of RC structure (pile cap & pier column) (184m3, 1 team)	114	09-Jun-21		09-Sep-21	26-Jan-22	77	1				+ŀ			
Color of the Color States	construction of the structure type cap a per columny (rowned, riteany		07-Nov-20		09-Feb-21	26-Jan-22	77	-		,		1 4		1	1
PIER 10		285	- Annonement		at an an an an an an		Charles and the second	1				+			
KTD.LW.1060	Pre-drilling works (2 nos, 1 rig)	44	07-Nov-20		09-Feb-21	08-Apr-21	77					1			1
KTD.LW.1070	Piling works for bored pile (PC10-A2, 2200dia x 67m)	40	31-Dec-20	a free section of the	09-Apr-21	27-May-21	77	1				. .			
KTD.LW.1080	Piling works for bored pile (PC10-A1, 2200dia x 67m)	40	20-Feb-21	12-Apr-21	28-May-21	15-Jul-21	77	1				5 I			1
KTD,LW,1090	Testing for completed bored piles (Sonic Test & Interface Core) and site clearance	18	13-Apr-21	04-May-21	16-Jul-21	05-Aug-21	77	1			1	1			1
KTD.LW.1100	Installation of ELS and excavation for pile cap construction (273.5m3 exca, 1 team)	29	05-May-21	08-Jun-21	06-Aug-21	08-Sep-21	77	1				1	1		
KTD.LW.1110	Construction of RC structure (pile cap & pier column) (149m3, 1 team)	114	09-Jun-21	25-Oct-21	09-Sep-21	26-Jan-22	77	1		1		1 1	1	1	1
FOOTBRIDGE (PI	THE OTHER DESIGNATION OF A	433	05-May-21	18-Oct-22	09-Aug-21	22-Feb-24	401	101236							1
KTD.LW.1120	Formation and placing concrete blocks in Kai Tak River (66 nos in Kai Tak River and 44 nos at both land	Conception of the second s	05-May-21		09-Aug-21	07-Sep-21	79	1							
and the Address of Address					1 10.20032.080milli		1	1				·+·····+·	+		
KTD.LW.1130	Erect mid tower in Kai Tak River (Quadshore system)	26	05-Jun-21	-	08-Sep-21	09-Oct-21	79	-				1		1	1
KTD.LW.1140	Install decking system to deck over Kai Tak Fiver	26	08-Jul-21	06-Aug-21	11-Oct-21	10-Nov-21	79	1				. .			
KTD.LW.1150	Installation and erecting falsework and working platform for constructing RC bridge structure	63	07-Aug-21		11-Nov-21	26-Jan-22	79	1				1			
KTD.LW.1160	Construction of RC bridge structure (1079m3, 4 teams)	80	26-Oct-21	29-Jan-22	27-Jan-22	10-May-22	77	1				1			1
KTD.LW.1170	Prestressing works and remaining RC works	26	31-Jan-22	04-Mar-22	20-Mar-23	22-Apr-23	335	1					1		1
KTD.LW.1173	Install steel roof structure and associated steel facilities from Pier 9 to Pier 10	120	05-Mar-22	01-Aug-22	14-Jul-23	04-Dec-23	401	1			Ļ.	—			
KTD.LW.1176	Install E&M works, testing and commissioning from Pier 9 to Pier 10	90	02-Jul-22			22-Feb-24	401	1			1		1		T
	Construct landscaping, ABWF works and other facilities from Pier 9 to Pier 10	50	02-Jul-22			1012 C	441	1			1				1
KTD.LW.1179	כטוופונוטני ומוועטימטווש, אטיזיד זיטוויס מווע טוופו ומטוונופט וועזו רופו סוט אפר וט	and the second se	The second second second		ALC: NOT THE OWNER OF THE OWNER OF	and the second second second		-							
PIER 11		367	31-Jul-20	25-Oct-21	05-Aug-21	29-Sep-22	276	-			1	1 1			1
KTD.LW.1180	Liaison/coordinate with adjacent project for TTA arrangement	90	31-Jul-20			02-Nov-21	370	2					!		
KTD.LW.1190	Implementation of TTA	7	18-Nov-20	25-Nov-20	26-Oct-21	02-Nov-21	276	1	l II						
															Da
V Milestone	Planned Work					Re	v. 48								
		018/05 Kai Tak	Jovolon	mont	Stage	B Infr	etruc	turo V	Vorks at the Former Nor	h Ane	on Ar	62		27	Jun
	estone Summary ED/2	UTO/US Nat Tak I	revelop	ment -	Staye :		SUUC	ule v	torks at the rolliner non	" Ahi	UII AII	u		21	-Aug
▼ Critical Mile															
	naining Work				WO	RKS P	ROGE	RAMM	E						5-Oc

	20	24		20	25			2026	
)	20 J F M A M J	JASOND	JFM	AMJ	JAS	OND	JFM	AMJ	JAS
-									
1							ļ		
-									
-									
1									
-									
-									
	L								
		V							
-									
-									
-									
-									
-									
-									
		evision		Ch	ecked		Ap	proved	k
١	Works Progr	amme		HL		F	۲L		
١	Works Progr	amme	1	HL		F	R L		
í	Works Progr	amme	1	HL		F	۱L		
1	i tonto i togi								

	Activity Name	Dur (d)	Early Start	Early Finish		Late Finish	Float	Calendar	JASON	JFM	AMJ	JAS	OND	FMA	2022 M J J A	SON	DJFM	A M .	J
KTD.LW.1200	Pre-drilling works (4 nos. 1 rig)	48	26-Nov-20	23-Jan-21	03-Nov-21	30-Dec-21	276	1											-
KTD.LW.1210	Piling works for bored pile (PC11-A1, 1800dia x 78m)	28	25-Jan-21	01-Mar-21	31-Dec-21	05-Feb-22	276	1					1		1				1
KTD.LW.1220	Piling works for bored pile (PC11-A4, 1800dia x 78m)	28	02-Mar-21	07-Apr-21	07-Feb-22	10-Mar-22	276	1		ļ									1
KTD,LW,1230	Piling works for bored pile (PC11-A2, 1800dia x 78m)	28	08-Apr-21	11-May-21	11-Mar-22	13-Apr-22	276	1				1							1
KTD.LW,1240	Piling works for bored pile (PC11-A3, 1800dia x 78m)	28	12-May-21	15-Jun-21	14-Apr-22	21-May-22	276	1		ļ									1
KTD.LW.1250	Testing for completed bored piles (Sonic Test & Interface Core) and site clearance	18	16-Jun-21	07-Jul-21	23-May-22	13-Jun-22	276	1					1		1		1 1		l
KTD.LW.1260	Installation of ELS and excavation for pile cap construction (319.9m3 exca, 1 team)	26	08-Jul-21	06-Aug-21	14-Jun-22	14-Jul-22	276	1		ļ									ļ
KTD.LW.1270	Construction of RC structure (pile cap & pier column) (138m3, 1 team)	65	07-Aug-21	25-Oct-21	15-Jul-22	29-Sep-22	276	1						1	1				1
FOOTBRIDGE (PIER 10	TO PIER 12)	301	26-Oct-21	31-Oct-22	30-Sep-22	22-Feb-24	390			I							<u> </u>		1
KTD.LW.1280	Remove ELS and formating roundabout for portal and falsework erection from CH93 to CH138	31	26-Oct-21	30-Nov-21	30-Sep-22	07-Nov-22	276	1									1 1		ĺ
KTD.LW.1281	Implement TTA for erecting portal across caniageway near CHB4 to CHB3 (Stage 2)	0	01-Dec-21		15-Nov-22		282	1		I			V	į					
KTD.LW.1282	Construct and erect portal across carriageway near CH84 to CH93	18	01-Dec-21	21-Dec-21	15-Nov-22	05-Dec-22	282	1											Î
KTD.LW.1283	Implement TTA for erecting portal across carriageway near CH138 to CH147 (Stage 3)	0	22-Dec-21	22-Dec-21	05-Dec-22	05-Dec-22	282	1					Ę						1
KTD.LW.1284	Construct and erect portal across carriageway near CH138 to CH147 (Except secondary beams)	12	22-Dec-21	07-Jan-22	06-Dec-22	19-Dec-22	282	1					ģ	1			T		1
KTD.LW.1285	Implement TTA fore recting secondary beams across carriageway near CH138 to CH147 (night time, approx 3 nights)	6	08-Jan-22	14-Jan-22	20-Dec-22	28-Dec-22	282	1		1			0						-
KTD.LW.1286	Implement TTA for RC bridge structure construction (Stage 4)	3	15-Jan-22	18-Jan-22	29-Dec-22	31-Dec-22	282	1					1	1			1		Ì
KTD,LW,1290	Erect falsework and working platform from CH93 to CH138	45	01-Dec-21	25-Jan-22	08-Nov-22	31-Dec-22	276	1		1				1					ĺ
KTD.LW.1300	Construction of RC bridge structure (745m3, 1 teams)	78	08-Jan-22	13-Apr-22	13-Dec-22	18-Mar-23	276	1		11			ic				1		
		26	14-Apr-22	19-May-22		22-Apr-23	276	1									1 1		ļ
KTD.LW.1310	Prestressing works and remaining RC works	76	20-May-22		08-Sep-23	08-Dec-23	390	1		·		······					-++		-
KTD.LW.1313	hstall steel roof structure and associated steel facilities from Pier 10 to Pier 12	14.5				22-Feb-24	390	1		1			1						1
KTD.LW.1316	hstall E&M works, testing and commissioning from Pier 10 to Pier 12	60	19-Aug-22	31-Oct-22	09-Dec-23		12122	1				······		····					
KTD,LW,1319	Construct landscapiung, ABWF works and other facilities from Pier 10 to Pier 12	52	19-Aug-22	21-Oct-22	19-Dec-23	22-Feb-24	398	1								1	1		1
The second state of the se	E, SOFT LANDSCAPING & OTHER WORKS	715	25-Jan-21	27-Jun-23	09-Mar-22	22-Feb-24	197										- 		1
KTD.LW.1320	Pre-drilling works (6 nos, 2 rig)	48	25-Jan-21	24-Mar-21	09-Mar-22	10-May-22	330	1					1			1			Series
KTD.LW.1330	Piling works for pre-bored H-piles for PC1, PC2, PC3 and PC4 (19 nos, 610dia x 70m, 1 rig)	156	31-Jan-22	12-Aug-22	11-May-22	14-Nov-22	77	1		ļ									-
KTD.LW.1340	hstallation of ELS and excavation for pile caps construction (PC1, PC2, PC3 and PC4, 379.1m3 exca, 1 team)	50	13-Aug-22	13-Oct-22	15-Nov-22	14-Jan-23	77	1											
KTD.LW.1350	Construction of RC structures (inclu. pile caps, pier column, lift shaft, staircase, etc.)	78	14-Oct-22	16-Jan-23	16-Jan-23	22-Apr-23	77	1											See and
KTD.LW.1360	Lift and other E&M installation, testing and commissioning	90	17-Jan-23	09-May-23	12-Jun-23	26-Sep-23	117	1											
KTD.LW.1370	Construction of roof, planter, landscape softworks, other facilities and ABWF works for whole walkway	130	17-Jan-23	27-Jun-23	24-Apr-23	26-Sep-23	77	1											j
KTD.LW.1380	Planned Completion of Landscaped Elevated Walkway LW-02 (Related to Section 1)	0		27-Jun-23		22-Feb-24	240	2		1				1	1		1	V	-
DISTRUCTION OF B		229	15-Aug-20	26-May-21	01-Aug-20	10-May-21	-13		-	-	-					1			1
		205	02-Sep-20	14-May-21	04-Sep-20	28-Apr-21	-13	1			-						+		
An extension of the second	D CH364 TO BAY11 CH216)	5	02-Sep-20			09-Sep-20	2	1				1	1	1		1	1 1		
KTD.B1.A.1000	Trialpit excavation to expose the existing box culvert near Bayo CH864	53	100000000000	11-Nov-20	10-Sep-20	13-Nov-20	2	1		······									-
KTD.B1.A.1010	Construction of Bay 0 include ELS/exca/rock fill/RC structure (CH364 to CH350, 14.3m, except roof opening for connect)		08-Sep-20				69							1					
KTD.B1.A.1020	Construction of Bay 1 include ELS/excavation/rock fill/PIC structure (CH350 to CH338, 12.2m)	70	25-Sep-20	18-Dec-20	18-Dec-20	16-Mar-21		1											
KTD,B1.A.1030	Construction of Bay 2 include ELS/excavation/rock fill/RC structure (CH338 to CH326, 12.2m)	55	29-Sep-20	04-Dec-20	22-Dec-20	02-Mar-21	69	1				1		1		1	1		
KTD.B1.A.1040	Construction of Bay 3 include ELS/excavation/rock fill/RC structure (CH326 to CH313, 12.2m)	59	15-Oct-20	23-Dec-20	08-Jan-21	20-Mar-21	69	1											
KTD.B1.A.1050	Construction of Bay 4 include ELS/excavation/rock fill/RC structure (CH313 to CH301, 12.2m)	45	21-Oct-20	12-Dec-20	25-Jan-21	20-Mar-21	78	1		1		1		1					
KTD.B1.A.1060	Construction of Bay 5 include ELS/excavation/rock fill/RC structure (CH301 to CH289, 12.2m)	90	27-Nov-20	18-Mar-21	30-Nov-20	20-Mar-21	2	1											
KTD.B1.A.1070	Construction of Bay 6 include ELS/excavation/rock fill/RC structure (CH289 to CH277, 12.2m)	57	30-Nov-20	06-Feb-21	22-Dec-20	04-Mar-21	19	1		-				1		1	1		
KTD.B1.A.1080	Construction of Bay 7 include ELS/excavation/rock fill/RC structure (CH277 to CH265, 12.2m)	40	30-Nov-20	18-Jan-21	22-Dec-20	09-Feb-21	19	1		-									
KTD.B1.A.1090	Construction of Bay 8 include ELS/excavation/rock fill/RC structure (CH265 to CH252, 12.2m)	49	07-Dec-20	04-Feb-21	31-Dec-20	02-Mar-21	19	1		-		1							
KTD.B1.A.1100	Construction of Bay 9 include ELS/excavation/rock fill/RC structure (CH252 to CH240, 12.2m)	62	10-Dec-20	26-Feb-21	05-Jan-21	20-Mar-21	19	1						1					
KTD.B1.A.1110	Construction of Bay 10 include ELS/excavation/rock fill/RC structure (CH240 to CH228, 12.2m)	50	12-Dec-20	11-Feb-21	09-Jan-21	11-Mar-21	21	1						1	1		1		ľ
KTD.B1.A.1120	Construction of Bay 11 include ELS/excavation/rock fill/RC structure (CH228 to CH216, 12.2m)	49	23-Dec-20	24-Feb-21	20-Jan-21	20-Mar-21	21	1					1	1			1 1	1	ľ
KTD.B1.A.1130	Remove existing bulk wall near Bay 0 CH364 and complete connection at Bay 0	29	10-Apr-21	14-May-21	22-Mar-21	28-Apr-21	-13	1						1	1				l
	12 CH216 TO BAY15 CH167)	187	15-Aug-20	31-Mar-21	01-Aug-20	20-Mar-21	-9	1. A		1	7								
KTD,B1,A,1140	Submission of method statement/temporary works design to MTRC and relevant authorities	145	15-Aug-20		01-Aug-20	23-Dec-20	-14	2											
	Submission and construction of diversion of existing EVA for Bay 12 to Bay 15 works	70	16-Oct-20	09-Jan-21	06-Oct-20	29-Dec-20	-9	1		-			6.1				1 1		l
KTD.B1.A.1150		3			24-Dec-20	29-Dec-20	-9	1		1									1
KTD.B1.A.1160	Mobilization of plant/equipment for Bay 12 to Bay 15 sheetpile installation and TAM grouting works		07-Jan-21	09-Jan-21			-9	1									1		
KTD.B1.A.1170	hstall sheetpile by silent piler and TAM grouting works	27	11-Jan-21	10-Feb-21	30-Dec-20	30-Jan-21	100												ļ
KTD.B1.A.1180	Excavation and ELS installation for Bay 12 to Bay 15	18	11-Feb-21	06-Mar-21	01-Feb-21	24-Feb-21	-9	1		-				1			1 1		
KTD.B1.A.1190	Construction of Bay 12 include rock fill/RC structure (CH216 to CH204, 12.2m)	13	08-Mar-21	22-Mar-21	06-Mar-21	20-Mar-21	-1	1		-									
KTD.B1.A.1200	Construction of Bay 13 include rock fill/RC structure (CH204 to CH192, 12.2m)	19	08-Mar-21	29-Mar-21	27-Feb-21	20-Mar-21	-7	1		-							1		ļ
KTD.B1.A.1210	Construction of Bay 14 include rock fill/RC structure (CH192 to CH180, 12.2m)	21	08-Mar-21	31-Mar-21	25-Feb-21	20-Mar-21	-9	1											
KTD.B1.A.1220	Construction of Bay 15 include rock fill/RC structure (CH180 to CH167, 12.2m)	16	08-Mar-21	25-Mar-21	03-Mar-21	20-Mar-21	-4	1											
BOX CULVERT B1 (BAY	16 CH167 TO BAY21 CH86)	170	27-Oct-20	26-May-21	10-Oct-20	10-May-21	-13						1						_
KTD.B1.A.1230	Construction of Bay 16 include ELS/exca/rock fil/RC structure (CH167 to CH155, 12.2m)	51	27-Oct-20	24-Dec-20	10-Oct-20	09-Dec-20	-13	1											
KTD.B1.A.1240	Construction of Bay 17 include ELS/exca/rock fill/RC structure (CH155 to CH143, 12.2m)	60	27-Oct-20	07-Jan-21	10-Oct-20	19-Dec-20	-13	1					1	1					l
KTD.B1.A.1250	Construction of Bay 18 include ELS/exca/rock fill/RC structure (CH143 to CH131, 12.2m)	66	27-Oct-20	14-Jan-21	10-Oct-20	29-Dec-20	-13	1		-			1		1		1		j
KTD.B1.A.1260	Construction of Bay 19 include ELS/exca/rock fil/RC structure (CH131 to CH118, 12.2m)	75	02-Nov-20	30-Jan-21	16-Oct-20	15-Jan-21	-13	1						1					
KTD.B1.A.1270	Construction of Bay 20 include ELS/exca/rock fill/RC structure (CH118 to CH106, 12.2m)	102	14-Dec-20		28-Nov-20	07-Apr-21	-13	1											J
	Construction of Bay 21 include ELS/exca/rock fill/RC structure (CH106 to CH94, 12.2m)	75	13-Jan-21	17-Apr-21	28-Dec-20	29-Mar-21	-13	1											
KTD.B1.A.1280		20	19-Feb-21	13-Mar-21	01-Feb-21	26-Feb-21	-13	1					·					******	
KTD.B1.A.1290	Install ELS and excavate for expose existing box culvert for connection				27-Feb-21	28-Apr-21	-13	1			-								
KTD.B1.A.1300	Demolish existing box culvert for connection and modification of existing box culvert for connection	48	15-Mar-21		21700-21			4											
KTD.B1.A.1310	Diversion of existing flow into Box Culvert B1	0	1511	14-May-21	00.4- 04	28-Apr-21	-13			1			/ B		1				
KTD.B1.A.1320	Construction of remaining modification works (incl wall, top slab and bulk wall for abadon existing box culvert)	9	15-May-21		29-Apr-21	10-May-21		1		+									
KTD.B1.A.1330	Acutal Advanced Completion of Box Culvert B1 (Pelated to Section 8)	0		26-May-21		10-May-21	-16	2		1	V			1	1				,
ODIFICATION OF EX	ISTING SUBWAY KS10	916	24-Nov-20	27-Dec-23	24-Nov-20	22-Jun-24	143												
KTD.MS.0000	Liaison/coordinate with HyD structure/HyD lighting/EMSD and other utility and service undertakings	180	24-Nov-20	22-May-21	24-Nov-20	22-May-21	0	2		-					1	1			
KTD.MS.1010	Pre-drilling works (1 no, 1 rig)	12	24-May-21	05-Jun-21	08-Feb-22	21-Feb-22	212	1			۵								1
KTD.MS.1014	Liaison/coordinate with CLP for diversion of existing 11kV cables	95	01-Mar-21	26-Jun-21	03-Mar-21	29-Jun-21	2	1					1		1				
KTD.MS.1015	Construct diversion of existing 11kV cables by CLP	52	28-Jun-21	27-Aug-21	16-Dec-21	21-Feb-22	143	1			1		/ 1		1				
				1	1	1	1		E 1		-							T	į
V Milestone	Planned Work					Re	v. 48												
		T-I-F	low-low		Ctore			ture 14	lorko at t	he E	rme	r Ma	rth A	nron	Aroa			27-	į
Critical Mileston	e Summary ED/2018/05 Ka	II TAK L	revelop	ment -						ILE FU	mie		an Ap	pion :	ni ca			21-	1
V Onabal marchine					1110	DIZO D	DOCE	АВЛАЛ	-										-
 Critical Remaini 	ing Work				WO	RKS P	nuar	AIVIIVIE	-									05-0	1

	20	24			20	25	_		2026	
JFM	AMJ	JAS	OND	JFM	20 A M J	JAS	OND	JFM	AMJ	JAS
									•••••	
								·		
								ļ		
									-	
				[[[
			ļ	ļ			ļ	ļ		
ļ					ļ					
			1	1				1		
			<u> </u>		l				l	
			<u> </u>	<u>.</u>						
·····	·	ļ	•·	<u>.</u>	· · · · · · ·	1	1	1	·	
ļ			ļ	ļ	ļ	ļ	ļ	ļ	ļ	
				1			1			
		1	1	(1			1	1	
		evisior				ecked		Ap	prove	d
Works	Prog	ramm	е		HL			RL	_	
Works	Prog	ramm	е		HL			RL		
Works	Prog	ramm	е		HL		L F	۲L		

	Activity Name	Dur (d)	Early Start	Early Finish		Late Finish	Float	Calendar	JASOND JFMAMJJASOND JFMAMJJASOND JFMAM
TD.MS.1020	Piling works for pre-bored H-piles (4 nos, 610dia x 75m, 1 rig)	75	28-Aug-21	26-Nov-21			143	1	
MS.1021	Post-piling works tests (proof-drilling and load test)	18	27-Nov-21	17-Dec-21	27-May-22	17-Jun-22	143	1	
MS.1027	Demolition of existing subway structures (inclu, staircase and partial ramp)	78	18-Dec-21	25-Mar-22	18-Jun-22	19-Sep-22	143	1	
MS.1030	hstallation of ELS for construction of entrance at Road D1 (77m ELS, 900m3 exca, 1 teams)	39	26-Mar-22	17-May-22	20-Sep-22	05-Nov-22	143	1	
0.MS.1040	Construction of RC structures (inclu. lift shaft, staircase, pump house and etc.) (365m3, 1 team)	104	18-May-22		07-Nov-22	13-Mar-23	143	1	
.MS.1045	Backfilling of ELS to ground level	78		21-Dec-22	08-Jul-23	09-Oct-23	235	1	
0.MS.1060	Site clearance and demolition of remaining existing furnitures at existing subway under Road D1	26	20-Sep-22	21-Oct-22	06-Jun-23	07-Jul-23	209	1	
D.MS.1070	Construct roof and floor finishes along existing subway under Road D1	39	22-Oct-22	06-Dec-22	08-Jul-23	22-Aug-23	209	1	
TD.MS.1080	Install VE panels and its sub-frame along existing subway under Road D1	26	07-Dec-22	09-Jan-23	10-Nov-23	09-Dec-23	274	1	
CTD.MS.1090	hstall steel frame of shelter for new staircase and lift shaft	39	07-Dec-22	26-Jan-23	23-Aug-23	09-Oct-23	209	1	
TD.MS.1100	Construct wall/floor finishes for new staircase	52	27-Jan-23	28-Mar-23	10-Oct-23	09-Dec-23	209	1	
CTD.MS.1110	Lift and other E&M installation, testing and commissioning	156	29-Mar-23	07-Oct-23	11-Dec-23	22-Jun-24	209	1	
KTD.MS.2000	Implement TTA (Phase 1) for closing half Ramp 2, existing staircase@TKL Rd and LHS of subway part	12	16-Jun-22	29-Jun-22	05-Dec-22	17-Dec-22	143	1	L L L L L L L L L L L L L L L L L L L
KTD.MS.2010	Demolition of existing wall tiles at staircases, floor finishes and fumitures, incl hardrail/guardrail/lighings	26	30-Jun-22	30-Jul-22	19-Dec-22	20-Jan-23	143	1	
KTD.MS.2020	Construct wall/floor finishes for half Ramp 2 and existing staircase@TKL Rd	39	01-Aug-22	15-Sep-22	21-Jan-23	09-Mar-23	143	1	
KTD.MS.2030	Construct roof and floor finishes along LHS of subway part	45	16-Sep-22	09-Nov-22	10-Mar-23	06-May-23	143	1	
<td.ms.2040< td=""><td>Install VE panels and its sub-frame along LHS of subway part</td><td>39</td><td>10-Nov-22</td><td></td><td>08-May-23</td><td>23-Jun-23</td><td>143</td><td>1</td><td></td></td.ms.2040<>	Install VE panels and its sub-frame along LHS of subway part	39	10-Nov-22		08-May-23	23-Jun-23	143	1	
and the fact of th	Advance works for installing steel shelter for existing staircase@TKL Rd	18	31-Aug-22		04-Apr-23	28-Apr-23	177	1	
(TD.MS.2050		100	22-Sep-22		29-Apr-23	31-May-23	177	1	
KTD.MS.2060	Implement TTA for lift and install main steel frame of shelter for existing staircase@TKL Rd (Nightwork maybe required)	26						1	
(TD.MS.2070	Install remaining steel members, glass balustrade, shelter roof top and ancillary facilities	65	25-Oct-22	11-Jan-23	01-Jun-23	17-Aug-23	177		
KTD.MS.2080	hstall partial E&M works inclu lighting and drainage system and steel light trough for LHS subway part	52	12-Dec-22	15-Feb-23	09-Jun-23	10-Aug-23	143	1	
KTD,MS,2090	Site clearance for open the completed part to public	6	16-Feb-23	22-Feb-23	11-Aug-23	17-Aug-23	143	1	
KTD.MS.2100	Implement TTA (Phase 2) for closing 2nd half Ramp 2, full Ramp 1 and RHS of subway part	12	23-Feb-23	08-Mar-23	18-Aug-23	31-Aug-23	143	1	
KTD.MS.2110	Demolition of existing wall tiles at staircases, floor finishes and furnitures, incl handrail/guardrail/lightings	26	09-Mar-23	12-Apr-23	01-Sep-23	03-Oct-23	143	1	
KTD.MS.2120	Construct wall/floor finishes for 2nd half Ramp 2 and full Ramp 1	39	13-Apr-23	30-May-23	04-Oct-23	18-Nov-23	143	1	
(TD.MS.2130	Construct roof and floor finishes along RHS of subway part	45	31-May-23	24-Jul-23	20-Nov-23	13-Jan-24	143	1	
(TD.MS.2140	Install VE panels and its sub-frame along RHS of subway part	39	25-Jul-23	07-Sep-23	15-Jan-24	01-Mar-24	143	1	
	Advance works for installing steel shelters for Ramp 2 and Ramp 1	18	15-May-23		23-Jan-24	14-Feb-24	208	1	
(TD.MS.2150		39	06-Jun-23	22-Jul-23	15-Feb-24	03-Apr-24	208	1	
TD.MS.2160	Implement TTA for lift and install main steel frame of shelter for Ramp 2 and Ramp 1 (Nightwork maybe required)						208	1	
(TD.MS.2170	hstall remaining steel members, glass balustrade, shelter roof top and ancillary facilities	65	24-Jul-23	09-Oct-23	05-Apr-24	22-Jun-24			
(TD.MS.2180	hstall remaining E&M works inclu lighting and drainage system and steel light trough for RHS subway part	52	25-Aug-23	27-Oct-23	17-Feb-24	22-Apr-24	143	1	
(TD.MS.9000	Advanced Completion of modification of existing Subway KS10	61	28-Oct-23		23-Apr-24	22-Jun-24	178	2	
(TD.MS.9999	Planned Completion of modification of existing Subway KS10 (Related to Section 3)	0		27-Dec-23		22-Jun-24	178	2	
INSTRUCTION OF DIS	TRICT COOLING SYSTEM WORKS	814	27-Mar-21	22-Dec-23	14-Apr-21	22-Dec-23	0		
KTD.DCS.1000	Liaison/coordinate with utility and service undertakings on connection works of DCS works	180	27-Mar-21	22-Sep-21	14-Apr-21	10-Oct-21	18	2	
KTD.DCS.1010	Allow time frame for CLP new 132kV cable laying works at Road L9 (Refer to Programme provided by CLP on 16 Jun 2021)	48	11-Oct-21	06-Dec-21	11-Oct-21	06-Dec-21	0	1	
CTD.DCS.1020	hstall ELS and excavate from SV-S-2A5B to CH280	49	07-Dec-21	08-Feb-22	07-Dec-21	08-Feb-22	0	1	
(TD.DCS.1030	Construct chamber and install pipe&filting of SV-S-2A5B	88	09-Feb-22	28-May-22	09-Feb-22	28-May-22	0	1	
	hstall pipeline from SV-S-2A5B to CH280 (52mL, 14 joints)	24	30-May-22		30-May-22	27-Jun-22	0	1	
KTD.DCS.1040		0			27-Jun-22	27-Jun-22	0	1	
KTD.DCS.1041-PMIB7-A	Observed and email informed the clash of existing box culvert and DN900 pipe with DCS CH285 to CH280		28-Jun-22				0	1	
KTD.DCS.1041-PMB7-B	Formation of site to excavate and expose the existing box culvert	18	28-Jun-22	19-Jul-22	28-Jun-22	19-Jul-22		1	
KTD.DCS.1041-PMB7-C	Liaison with CLP for Slewing of low voltage power cable above existing box culvert	43	20-Jul-22	07-Sep-22	20-Jul-22	07-Sep-22	0	1	
KTD.DCS.1041-PMIB7-D	Construction of observating opening and pumping of still water within the abandoned existing box culvert	23	08-Sep-22	07-Oct-22	08-Sep-22	07-Oct-22	0	1	
KTD.DCS.1041-PMIB7-E	Reviewing Design by AACL for Demolition and End Wall Construction of Existing Box Culvert, DN900 and DN1200	28	08-Oct-22	09-Nov-22	08-Oct-22	09-Nov-22	0	1	
KTD.DCS.1041-PM187-F	Recieve drawing for removal of existing box culvert and drainage pipes at road L9 by Email	0	10-Nov-22	10-Nov-22	09-Nov-22	09-Nov-22	0	1	
KTD, DCS, 1041-PMB7-G	Demolition of Existing Box Culvert, DN900, DN1200 and Construction of End Wal	15	10-Nov-22	26-Nov-22	10-Nov-22	26-Nov-22	0	1	
KTD.DCS.1041-PMIB7-H	Additional time required to backfill, compact and competted install pipeline from SV-S2A5B to CH280	39	28-Nov-22	14-Jan-23	28-Nov-22	14-Jan-23	0	1	
KTD.DCS.1050	Backfilling for trench from SV-S-2A5B to CH280	25	16-Jan-23	15-Feb-23	16-Jan-23	15-Feb-23	0	1	
(TD.DCS.1060	hstall ELS and excavate from CH310 to SV-S-2A10/CH334	20	16-Feb-23	10-Mar-23	16-Feb-23	10-Mar-23	0	1	
	Construct chamber and install pipe&fitting of SV-S-2A10	89	11-Mar-23		11-Mar-23	30-Jun-23	0	1	
(TD.DCS.1070		199		25-Jul-23	03-Jul-23	25-Jul-23	0	1	
KTD.DCS.1080	Backfilling for trench from CH310 to SV-S-2A10	20	03-Jul-23		100000000000		-		
KTD.DCS.1090	Construct ducting and drawpits from SV-S-2A5B/SV-S-2A10 to CH280	25	26-Jul-23	23-Aug-23	26-Jul-23	23-Aug-23	0		
CTD.DCS.1100	hstall ELS and excavate from SV-S-2A5A/CH190 to CH220	60	20-Sep-22			30-Nov-22	0	1	
KTD.DCS.1110	Construct chamber and install pipe&fiiting of SV-S-2A5A	91	01-Dec-22			22-Mar-23	0	1	
CTD.DCS.1120	hstall pipeline from SV-S-2A5A to CH220	30	23-Mar-23	02-May-23	23-Mar-23	02-May-23	0	1	
KTD.DCS.1130	Implementation of TTA for existing roundabout at Olympic Avenue	7	01-Dec-22	08-Dec-22	06-Jan-23	13-Jan-23	28	1	
KTD.DCS.1140	Site clearance, cable detection and trial pit excavation at existing public road at Olympic Avenue	21	09-Dec-22	05-Jan-23	14-Jan-23	09-Feb-23	28	1	
KTD.DCS.1150	Install ELS and excavate from CH220 to CH280	52	06-Jan-23	09-Mar-23	10-Feb-23	15-Apr-23	28	1	
(TD.DCS.1160	hstall pipeline from CH220 to CH280	26	10-Mar-23	13-Apr-23	17-Apr-23	17-May-23	28	1	
and an international statements of the second	Backfilling for trench from SV-S2A5A to CH280	32	03-May-23	-	18-May-23		13	1	
CTD.DCS.1170		51	24-Aug-23		24-Aug-23		0	1	
KTD.DCS.1180	Construct ducting and drawpits from CHV-S2A5A to CH100	2522			05-Jun-23	05-Aug-23	82	1	
KTD.DCS.1190	hstall ELS and excavate from SV-S-2A4/CH100 to CH190	52	22-Feb-23	1.000000000000	Second State	Contraction of the second		4	
KTD.DCS.1200	Construct chamber and install pipe&fitting of SV-S-2A4	90	24-Mar-23		07-Jul-23	21-Oct-23	82	1	
KTD.DCS.1210	Install pipeline from SV-S-2A4 to CH190	65	14-Jun-23	and the second s	20-Sep-23		82	1	
KTD.DCS.1220	Backfilling for trench from SV-S-2A4 to CH190	26	16-Aug-23	14-Sep-23	23-Nov-23	22-Dec-23	82	1	
KTD.DCS.1230	Install ELS and excavate from CH0 to CH100	52	22-Feb-23	27-Apr-23	07-Jun-23	08-Aug-23	84	1	
KTD.DCS.1240	Install pipeline from CH0 to CH100	26	28-Apr-23	30-May-23	09-Aug-23	07-Sep-23	84	1	
KTD.DCS.1250	Backfill for trench from CH0 to CH100	38	31-May-23	15-Jul-23	08-Sep-23	25-Oct-23	84	1	
KTD.DCS.1260	Construct ducting and drawpits from CH100 to CH0 and existing drawpit	25	26-Oct-23		26-Oct-23	23-Nov-23	0	1	
	T&C of the installed DCS pipes before connection to existing DCS system	25	24-Nov-23	A		1. Statisty 17. 38	0	1	
KTD.DCS.1270		0	271409-20	22-Dec-23		22-Dec-23	0	2	
KTD.DCS.1280	Planned Completion of DCS works within Parts 1 and 1A (Related to Section 9)		PH 1100		05.00.00		1	4	
ENOVATION OF EXIST	ING SUBWAYS KS9 AND KS32	988	31-Jul-20	24-Nov-23	and the second second	22-Feb-24	72		
KTD.RS.1000	Liasion with UAP project and relevant departments for possession approval/consent	366	31-Jul-20	31-Jul-21	05-Oct-20	05-Oct-21	66	2	
	Planned Work					Re	v. 48		
Milestone									
		Tak D	evelop	ment -	Stage P	B Infra	struc	ture W	Vorks at the Former North Apron Area
▼ Milestone▼ Critical Milestone		i Tak D	Develop	ment -		5B Infra			Vorks at the Former North Apron Area $\frac{1}{2}$

	20	24			20 A M J	25			2026	
JFM	AMJ	JAS	OND	JFM	AMJ	JAS	OND	JFM	AMJ	JAB
									=	
					ļ					
					ļ		ļ	ļ		
					<u> </u>		.			
			ļ	ļ						
					1					
			ļ		ļ		ļ	ļ		
		1	1		1			1		
	ļ		 	ļ	ļ					
	-	1	1	i r		o el co	; ,	1	1	<u> </u>
Mode		evision			Ch HL	ecked		Ap RL	prove	u
Norke	Prog	ramm ramm	e		HL					
Works	Prog	ramm	e		HL			RL	_	
			-				-1.			

TD.RS.1002 Subm TD.RS.1003 Off-sit TD.RS.1010 Apple RENOVATION OF EXISTING SUBM KTD.KS32.1000 KTD.KS32.1010 Site of KTD.KS32.1020 Dermo KTD.KS32.1020 Const KTD.KS32.1020 Const KTD.KS32.1020 Advant KTD.KS32.1030 Advant KTD.KS32.1040 Instalt KTD.KS32.1050 Advant KTD.KS32.1060 Inple KTD.KS32.1070 Instalt KTD.KS32.1080 Instalt KTD.KS32.1090 Inple KTD.KS32.1100 Site of KTD.KS32.1100 Permot KTD.KS32.1100 Permot KTD.KS32.1100 Permot KTD.KS32.1100 Permot KTD.KS32.1100 Permot KTD.KS32.1100 Permot KTD.KS3.1040 Advant KTD.KS9.1020 Permot KTD.KS9.1020 Permot KTD.KS9.1020 Const KTD.KS9.1030	ement TTA (Phase 1) for closing staircases at both sides and one side of Subway KS32 clearance and erect temporary partition along Subway KS9 for working area solition of existing wall tiles at both staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panel and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part clearance and erect temporary partition along subway part for working area notificiton of existing floor finishes and furnitures, incl lighting struct roof and floor finishes along RHS of subway part clearance and erect temporary partition along subway part for working area notificiton of existing floor finishes and furnitures, incl lighting struct roof and floor finishes along RHS of subway part all Penales along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 ined Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1)	45 63 90 153 550 6 29 63 29 65 39 15 24 81 68 15 16 29 68 42 555 0 23 418 6 29 42 55	01-Aug-21 16-Aug-21 18-Aug-21 18-Aug-21 18-Jan-22 18-Jan-22 18-Jan-22 03-Mar-22 03-Mar-22 04-Jul-22 04-Jul-22 04-Jul-22 04-Jul-22 04-Jul-22 04-Jul-22 04-Jul-22 08-Mar-23 08-Jul-23 08-Jul-23 08-Jul-23 02-Nov-23 18-Jan-22 19-Jan-22 19-Jan-23 19-Jan-24	26-Aug-22 14-Oct-22 28-Jun-22 30-Jul-22 30-Jul-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	06-Oct-21 21-Oct-21 01-Mar-22 13-Jul-21 16-Dec-21 23-Dec-21 23-Dec-21 23-Jac-22 01-Apr-22 31-May-22 31-May-22 30-May-22 28-Jun-22 23-Dec-22 13-Jan-23 03-Feb-23 03-Jun-23 25-Jul-23	19-Nov-21 22-Dec-21 29-May-22 12-Dec-21 22-Jec-21 28-Jan-22 20-Apr-22 11-May-22 16-Aug-22 30-Oct-22 28-May-22 28-May-22 03-Oct-22 24-Jan-23 02-Feb-23 02-Feb-23 02-Feb-23 02-Jun-23	66 134 -36 72 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25 -25 -28	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
TD.RS.1003 Off-si TD.RS.1010 Apple RENOVATION OF EXISTING SUBW KTD.KS32.1000 Imples KTD.KS32.1010 Site of KTD.KS32.1020 Demo KTD.KS32.1020 Cons KTD.KS32.1020 Cons KTD.KS32.1020 Cons KTD.KS32.1030 Advan KTD.KS32.1050 Advan KTD.KS32.1050 Advan KTD.KS32.1050 Advan KTD.KS32.1050 Imple KTD.KS32.1050 Imple KTD.KS32.1050 Imple KTD.KS32.1050 Imple KTD.KS32.1050 Imple KTD.KS32.1100 Site of KTD.KS32.1120 Cons KTD.KS3.1130 Imstal KTD.KS3.1040 Adva KTD.KS9.1040 Adva KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020	aite fabrication of shelter for KS9 and KS32 fication of XP for renovation works of existing subway KS9 and KS32 MAY KS32 ement TTA (Phase 1) for closing staincases at both sides and one side of Subway KS32 clearance and erect temporary partition along Subway KS9 for working area notition of existing wall tiles at both side staincases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staincases ement TTA for lifting and install main steel frame of shelters for both sides staincases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staincases all partial E&M works inclu lighting and drainage system and steel fight trough for LHS of subway part elearance and erect temporary partition along subway part for working area notition of existing floor finishes along RHS of subway part all remaining teel members, glass balustrade, shelter roof top and ancillary facilities for both sides staincases all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part clearance and erect temporary partition along subway part for working area notition of existing floor finishes along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 med Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staincases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area notition of existing wall tiles at both side staincases struct tori and floor finishes along LHS of subway part all VE panels and the finishes along LHS of subway part ance works for installing steel shelters for b	90 153 550 6 29 65 39 65 39 15 24 81 68 15 16 29 68 42 55 0 23 418 6 29	18-Oct-21 18-Aug-21 18-Jan-22 18-Jan-22 18-Jan-22 18-Jan-22 05-May-22 11-Jan-22 06-May-22 11-Jan-22 07-May-22 01-Aug-22 07-Nov-22 31-Jan-23 15-Apr-23 08-Jal-23	15-Jan-22 17-Jan-22 24-Nov-23 24-Jan-22 02-Mar-22 21-May-22 10-Jun-22 26-Aug-22 28-Jun-22 30-Jul-22 30-Jul-22 30-Jul-23 07-Jul-23 07-Jul-23 25-Aug-23 01-Nov-24 01-Nov-24	01-Mar-22 13-Jul-21 16-Dec-21 23-Dec-21 29-Jan-22 01-Apr-22 31-May-22 17-Aug-22 12-May-22 28-Jun-22 28-Jun-22 23-Dec-22 13-Jan-23 03-Feb-23 03-Feb-23 03-Jun-23 03-Jun-23	29,May-22 12,Dec-21 22,Dec-21 28,Jan-22 20,Apr-22 11,May-22 03-Oct-22 28,May-22 03-Oct-22 27,Jun-22 03,Oct-22 22,Dec-22 12,Jan-23 02,Feb-23 08,Mar-23	134 -36 72 -25 -25 -25 -25 -25 -25 -25 -28 -28 -28 -28 -28 -28 -28 -28 -28 -28 -28	2 2 1 1 1 1 1 1 1 1 1 1 1 1											
TD.RS.1010 Appli RENOVATION OF EXISTING UBW KTD.KS32.1000 Imple KTD.KS32.1010 Site of KTD.KS32.1025 Const KTD.KS32.1025 Const KTD.KS32.1030 Partice KTD.KS32.1040 Instal KTD.KS32.1050 Advat KTD.KS32.1050 Instal KTD.KS32.1060 Imple KTD.KS32.1080 Instal KTD.KS32.1080 Instal KTD.KS32.1080 Instal KTD.KS32.1080 Instal KTD.KS32.1100 Site of KTD.KS32.1110 Dermit KTD.KS32.1120 Const KTD.KS32.1130 Instal KTD.KS32.1140 Instal KTD.KS9.1040 Advat KTD.KS9.1010 Site of KTD.KS9.1020 Dermit KTD.KS9.1020 Dermit KTD.KS9.1020 Dermit KTD.KS9.1020 Advat KTD.KS9.1020 Advat KTD.KS9.1020 Const	ication of XP for renovation works of existing subway KS9 and KS32 MAY KS32 ement TTA (Phase 1) for closing staircases at both sides and one side of Subway KS32 clearance and erect temporary partition along Subway KS9 for working area isolition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases and the works inclu lighting and drainage system and steel light trough for LHS of subway part ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part for working area notition of existing floor finishes and furnitures, incl lighting struct roof and floor finishes along RHS of subway part ance Completion of renovation of existing Subways KS9 and KS32 (Pelated to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subways part for working area isolition of existing wall tiles at both staircases struct wall and floor finishes at both staircases struct wall and floor finishes to both sides staircases (for finishes and the staircases at both sides and LHS of subway part clearance and erect temporary partition along subways part for working area isolition of existing wall tiles at both	153 550 6 29 65 39 65 39 15 24 81 68 15 16 29 68 42 55 0 23 418 6 29	18-Aug-21 18-Jan-22 18-Jan-22 25-Jan-22 05-May-22 11-Jun-22 27-Aug-22 11-Jun-22 04-Jul-22 04-Jul-22 07-Nov-22 31-Jan-23 08-Mar-23 15-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	17-Jan-22 24-Jan-22 02-Mar-22 21-May-22 10-Jun-22 28-Aug-22 14-Oct-22 28-Jun-22 30-Jul-22 30-Jul-22 30-Jul-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	13-Jul-21 16-Dec-21 23-Dec-21 29-Jan-22 01-Apr-22 31-May-22 17-Aug-22 12-May-22 28-Jun-22 28-Jun-22 23-Dec-22 13-Jan-23 03-Feb-23 03-Feb-23 03-Jun-23 03-Jun-23	12-Dec21 22-Feb-24 22-Dec-21 28-Jan-22 20-Apr-22 11-May-22 03-Oct-22 28-May-22 27-Jun-22 27-Jun-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-36 72 -25 -25 -25 -25 -25 -9 -9 -9 -9 -25 -28 -28 -28 -28 -28 -28 -28 -28	2 1 1 1 1 1 1 1 1 1 1 1 1 1											
RENOVATION OF EXISTING SUBW KTD.KS32.1000 Imple KTD.KS32.1010 Site of KTD.KS32.1025 Const KTD.KS32.1025 Const KTD.KS32.1025 Const KTD.KS32.1030 Const KTD.KS32.1040 Instal KTD.KS32.1050 Advar KTD.KS32.1050 Instal KTD.KS32.1050 Instal KTD.KS32.1050 Instal KTD.KS32.1050 Instal KTD.KS32.1050 Instal KTD.KS32.1070 Instal KTD.KS32.1080 Instal KTD.KS32.1100 Site of KTD.KS32.1120 Const KTD.KS32.1130 Instal KTD.KS32.1140 Hotal KTD.KS9.1040 Advar ENOVATION OF EXISTING SUBW Wavar KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Advar KTD.KS9.1030 Const KTD.KS9.1040 Instal	WAY KS32 ement TTA (Phase 1) for closing staircases at both sides and one side of Subway KS32 clearance and erect temporary partition along Subway KS9 for working area tolition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases truct roof and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases all partial EAM works inclu lighting and drainage system and steel light trough for LHS of subway part ecearance and erect temporary partition along subway part for working area notition of existing floor finishes along RHS of subway part all vert panels along RHS of subway part clearance and erect temporary partition along subway part for working area notition of existing floor finishes along RHS of subway part all vert panels along RHS of subway part ance completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) WAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subways the or working area struct wall and floor finishes at both staircases struct wall and floor finishes at both staircases struct and and floor finishes at both staircases at both sides and LHS of subway part clearance and erect temporary partition along subways part for working area completion of renovation of existing Subways KS9 and KS32 to Speci	550 6 29 63 29 65 39 15 24 81 68 15 16 29 68 42 55 0 23 418 6 29	18-Jan-22 18-Jan-22 25-Jan-22 03-Mar-22 03-Mar-22 06-May-22 11-Jun-22 27-Aug-22 11-Jun-22 04-Jul-22 01-Aug-22 01-Aug-22 01-Aug-22 01-Aug-22 01-Aug-23 10-Aug-23 08-Mar-23 08-Jul-23 08-Jul-23 02-Nov-23	24-Nov-23 24-Jan-22 02-Mar-22 21-May-22 10-Jun-22 26-Aug-22 28-Jun-22 30-Jul-22 05-Nov-22 30-Jan-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	16-Dec-21 16-Dec-21 23-Dec-21 29-Jan-22 01-Apr-22 31-May-22 17-Aug-22 30-May-22 28-Jun-22 03-Jun-22 23-Juc-21 13-May-22 13-May-22 23-Juc-21 30-Soct-22 13-Jan-23 03-Feb-23 03-Jun-23 03-Jun-23	22-Feb-24 22-Dec-21 28-Jan-22 20-Apr-22 11-May-22 16-Aug-22 03-Oct-22 28-May-22 27-Jun-22 03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	72 -25 -25 -25 -9 -9 -25 -28 <tr< td=""><td>1 1 1 1 1 1 1 1 1 1 1 1 1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>	1 1 1 1 1 1 1 1 1 1 1 1 1											
KTD.KS32.1000 Imple KTD.KS32.1010 Site of KTD.KS32.1020 Demo KTD.KS32.1025 Consi KTD.KS32.1030 Consi KTD.KS32.1040 Instal KTD.KS32.1050 Advar KTD.KS32.1050 Instal KTD.KS32.1050 Instal KTD.KS32.1050 Instal KTD.KS32.1070 Instal KTD.KS32.1070 Instal KTD.KS32.1080 Instal KTD.KS32.1090 Imple KTD.KS32.1100 Site of KTD.KS32.1100 Demo KTD.KS32.1100 Instal KTD.KS32.1130 Instal KTD.KS32.1140 Hotal KTD.KS9.1030 Krb KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1030 Cons KTD.KS9.1040 Instal KTD.KS9.1050 Advar KTD.KS9.1050 Advar	ement TTA (Phase 1) for closing staircases at both sides and one side of Subway KS32 clearance and erect temporary partition along Subway KS9 for working area isolition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases all partial EAM works inclu lighting and drainage system and steel light trough for LHS of subway part clearance and erect temporary partition along subway part for working area notifion of existing floor finishes along RHS of subway part clearance and erect temporary partition along subway part for working area notifion of existing floor finishes along RHS of subway part all VE panels along RHS of subway part all VE panels along RHS of subway part all VE panels along RHS of subway part ance Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subways part for working area noticition of existing wall tiles at both staircases struct wall and floor finishes along LHS of subway part for working area noticition of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area noticition of existing wall tiles at both staircases struct wall and floor finishes along LHS of subway part a	6 29 63 29 65 39 15 24 81 68 15 16 68 42 55 68 42 55 0 23 418 6 29	18-Jan-22 25-Jan-22 03-Mar-22 06-May-22 11-Jun-22 27-Aug-22 11-Jun-22 04-Jul-22 01-Aug-22 07-Nov-22 31-Jan-23 105-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	24-Jan-22 02-Mar-22 21-May-22 10-Jun-22 28-Aug-22 14-Oct-22 28-Jun-22 30-Jul-22 30-Jul-23 30-Jan-23 16-Feb-23 07-Mar-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	16-Dec-21 23-Dec-21 29-Jan-22 01-Apr-22 31-May-22 17-Aug-22 12-May-22 28-Jun-22 05-Oct-22 13-Jan-23 03-Feb-23 03-Feb-23 03-Jun-23	22-Dec21 28-Jan-22 20-Apr-22 11-May-22 16-Aug-22 03-Oct-22 28-May-22 27-Jun-22 03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-25 -25 -25 -25 -9 -9 -9 -25 -28 -28 -28 -28 -28 -28 -28 -28 -28 -28	1 1 1 1 1 1 1 1 1 1											
KTD.KS32.1010 Site of KTD.KS32.1020 Demo KTD.KS32.1025 Consi KTD.KS32.1030 Consi KTD.KS32.1040 hstall KTD.KS32.1050 Advai KTD.KS32.1060 Imple KTD.KS32.1060 Imple KTD.KS32.1070 hstall KTD.KS32.1080 hple KTD.KS32.100 Site of KTD.KS32.1100 Demo KTD.KS32.1110 Demo KTD.KS32.1110 Demo KTD.KS32.1110 Demo KTD.KS32.1110 Plann KTD.KS32.1110 Advai KTD.KS32.1100 Site of KTD.KS9.1030 Plann KTD.KS9.1040 Advai KTD.KS9.1050 Advai KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1050 Advai KTD.KS9.1050 Advai KTD.KS9.1050 Advai KTD.KS9.1050 Advai KTD.KS9.1050 Advai	clearance and erect temporary partition along Subway KS9 for working area notition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panel and its sub-frame along LHS of subway part ance works for installing steel shetters for both sides staircases ement TTA for lifting and install main steel frame of shetters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shetter roof top and ancillary facilities for both sides staircases all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part for working area notition of existing floor finishes and furnitures, incl lighting struct roof and floor finishes along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 ned Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area notition of existing wall tiles at both sides saircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part for working area noticities and its sub-frame along LHS of subway part ance works for installing steel shetters for both sides staircases ement TTA for lifting and install main steel frame of shetters for both sides staircases (Nightwork maybe required) and works for installing steel shetters for both sides staircases ement TTA for lifting and install main steel frame of shetters f	29 63 29 65 39 15 24 81 68 15 16 29 68 42 55 0 23 418 6 29	25-Jan-22 03-Mar-22 06-May-22 11-Jun-22 27-Aug-22 11-Jun-22 04-Jul-22 04-Jul-22 07-Nov-22 31-Jan-23 15-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	02-Mar-22 21-May-22 10-Jun-22 26-Aug-22 28-Jun-22 28-Jun-22 30-Jul-22 30-Jul-23 30-Jul-23 16-Feb-23 07-Mar-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	23-Dec21 29-Jan 22 01-Apr-22 31-May 22 17-Aug 22 12-May 22 28-Jun 22 28-Jun 22 28-Jun 22 23-Dec 22 13-Jan 23 03-Feb 23 03-Jun 23 03-Jun 23	28-Jan-22 20-Apr-22 11-May-22 16-Aug-22 28-May-22 27-Jun-22 03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-25 -25 -9 -9 -9 -25 -28 -28 -28 -28 -28 -28 -28 -28	1 1 1 1 1 1 1											
KTD.KS32.1020 Demo KTD.KS32.1025 Consi KTD.KS32.1030 Consi KTD.KS32.1040 Install KTD.KS32.1050 Advar KTD.KS32.1050 Inple KTD.KS32.1080 Inple KTD.KS32.1080 Inple KTD.KS32.1080 Inple KTD.KS32.1080 Install KTD.KS32.1100 Step of KTD.KS32.1100 Demo KTD.KS32.1110 Demo KTD.KS32.1120 Consis KTD.KS32.1130 Install KTD.KS32.1140 Advar KTD.KS32.1130 Plann KTD.KS9.1040 Advar KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Advar KTD.KS9.1020 Advar KTD.KS9.1020 Advar KTD.KS9.1020 Advar	In the set of the set	63 29 65 39 15 24 81 68 15 16 29 68 42 55 0 23 418 6 29	03-Mar-22 06-May-22 11-Jun-22 27-Aug-22 11-Jun-22 04-Jul-22 07-Nov-22 31-Jan-23 17-Feb-23 08-Mar-23 08-Mar-23 08-Jul-23 26-Aug-23	21-May-22 10-Jun-22 26-Aug-22 28-Jun-22 28-Jun-22 30-Jul-22 30-Jul-23 30-Jul-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	29 Jan 22 01 Apr 22 31 May 22 17 Aug 22 12 May 22 30 May 22 28 Jun 22 28 Jun 22 23 - Dec 22 13 Jan 23 03 - Feb 23 03 Jun 23	20-Apr-22 11-May-22 16-Aug-22 03-Oct-22 28-May-22 27-Jun-22 03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-25 -25 -9 -9 -25 -28 -28 -28 -28 -28 -28 -28 -28	1 1 1 1 1 1 1											
KTD.KS32.1025 Construct KTD.KS32.1030 Construct KTD.KS32.1040 hstall KTD.KS32.1050 Advar KTD.KS32.1050 hstall KTD.KS32.1070 hstall KTD.KS32.1070 hstall KTD.KS32.1070 hstall KTD.KS32.1090 inple KTD.KS32.1100 Site of KTD.KS32.1100 Istall KTD.KS9.1030 Plant KTD.KS9.1040 Advar KTD.KS9.1025 Construct KTD.KS9.1025 Construct KTD.KS9.1025 Inple KTD.KS9.1050 Advar KTD.KS9.1050 Mole KTD.KS9.1050 Inple KTD.KS9.1050 Inple KTD.KS9.1070 I	struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part of working area notition of existing floor finishes and fumitures, incl lighting struct roof and floor finishes and fumitures, incl lighting atl remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 ined Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) WAY KS9 memort TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subways part for working area notition of existing wall tiles at both staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subways part for working area notition of existing wall tiles at both staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases struct roof and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for finiting and	29 65 39 15 24 81 68 15 16 29 68 42 55 0 23 418 6 29	06-May-22 11-Jun-22 27-Aug-22 11-Jun-22 04-Jul-22 04-Jul-22 07-Nov-22 31-Jan-23 17-Feb-23 08-Mar-23 15-Apr-23 08-Jul-23 26-Aug-23	10-Jun-22 26-Aug-22 14-Oct-22 28-Jun-22 30-Jul-22 30-Jul-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	01-Apr-22 31-May-22 17-Aug-22 12-May-22 28-Jun-22 28-Jun-22 23-Dec-22 13-Jan-23 03-Feb-23 09-Mar-23 03-Jun-23	11-May-22 16-Aug-22 03-Oct-22 28-May-22 27-Jun-22 03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-9 -9 -25 -28 -28 -28 -28 -28 -28 -28	1											
KTD.KS32.1030 Consi KTD.KS32.1040 Hstall KTD.KS32.1050 Advail KTD.KS32.1060 Inple KTD.KS32.1070 Hstall KTD.KS32.1080 Inple KTD.KS32.1080 Install KTD.KS32.1080 Inple KTD.KS32.1090 Inple KTD.KS32.1100 Site of KTD.KS32.1110 Demo KTD.KS32.1120 Consist KTD.KS32.1140 Install KTD.KS32.1140 Install KTD.KS32.1140 Install KTD.KS32.1140 Install KTD.KS9.1030 Plann KTD.KS9.1040 Advail KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Cons KTD.KS9.1020 Demo KTD.KS9.1020 Plann KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Install KTD.KS9.1020 Install <td>struct roof and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part for working area notition of existing floor finishes and furnitures, incl lighting struct roof and floor finishes along RHS of subway part all VE panels along RHS of subway part all VE panels along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 med Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) WAY KS9 mement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subways part for working area notition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part all VE panels and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases (Nightwork maybe required)</td> <td>39 15 24 81 68 15 16 29 68 42 55 0 23 418 6 29</td> <td>27-Aug-22 11-Jun-22 04-Jul-22 07-Nov-22 31-Jan-23 17-Feb-23 08-Mar-23 08-Jul-23 26-Aug-23 02-Nov-23</td> <td>14-Oct-22 28-Jun-22 30-Jul-22 30-Jan-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23</td> <td>17-Aug-22 12-May-22 30-May-22 28-Jun-22 05-Oct-22 23-Dec-22 13-Jan-23 03-Feb-23 09-Mar-23 03-Jun-23</td> <td>03-Oct-22 28-May-22 27-Jun-22 03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23</td> <td>-9 -25 -28 -28 -28 -28 -28 -28 -28</td> <td>1</td> <td></td>	struct roof and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part for working area notition of existing floor finishes and furnitures, incl lighting struct roof and floor finishes along RHS of subway part all VE panels along RHS of subway part all VE panels along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 med Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) WAY KS9 mement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subways part for working area notition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part all VE panels and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases (Nightwork maybe required)	39 15 24 81 68 15 16 29 68 42 55 0 23 418 6 29	27-Aug-22 11-Jun-22 04-Jul-22 07-Nov-22 31-Jan-23 17-Feb-23 08-Mar-23 08-Jul-23 26-Aug-23 02-Nov-23	14-Oct-22 28-Jun-22 30-Jul-22 30-Jan-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23	17-Aug-22 12-May-22 30-May-22 28-Jun-22 05-Oct-22 23-Dec-22 13-Jan-23 03-Feb-23 09-Mar-23 03-Jun-23	03-Oct-22 28-May-22 27-Jun-22 03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-9 -25 -28 -28 -28 -28 -28 -28 -28	1											
KTD.KS32.1040 Install KTD.KS32.1050 Adva KTD.KS32.1050 Inple KTD.KS32.1070 Install KTD.KS32.1080 Install KTD.KS32.1080 Install KTD.KS32.1080 Install KTD.KS32.1080 Install KTD.KS32.1080 Install KTD.KS32.1100 Dermo KTD.KS32.1110 Dermo KTD.KS32.1120 Cons KTD.KS32.1130 Install KTD.KS32.1140 Install KTD.KS32.1140 Install KTD.KS32.1140 Install KTD.KS9.1030 Plann KTD.KS9.1040 Install KTD.KS9.1020 Dermo KTD.KS9.1020 Install KTD.KS9.1020 Install KTD.KS9.1020 Install	III VE panel and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part for working area nolition of existing floor finishes and furnitures, incl lighting struct roof and floor finishes along RHS of subway part all VE panels along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 med Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) WAY KS9 mement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subways part for working area nolition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	15 24 81 68 15 16 29 68 42 55 0 23 418 6 29	11-Jun-22 04-Jul-22 01-Aug-22 07-Nov-22 31-Jan-23 17-Feb-23 08-Mar-23 08-Mar-23 08-Jul-23 26-Aug-23 02-Nov-23	28-Jun-22 30-Jul-22 05-Nov-22 30-Jan-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	12-May-22 30-May-22 28-Jun-22 05-Oct-22 23-Dec-22 13-Jan-23 03-Feb-23 09-Mar-23 03-Jun-23	28-May-22 27-Jun-22 03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-25 -28 -28 -28 -28 -28 -28	1											
KTD.KS32.1060 Imple KTD.KS32.1070 Instal KTD.KS32.1070 Instal KTD.KS32.1090 Inple KTD.KS32.1090 Site of KTD.KS32.1100 Derm KTD.KS32.1100 Derm KTD.KS32.1120 Cons KTD.KS32.1120 Cons KTD.KS32.1140 Instal KTD.KS32.1140 Natal KTD.KS32.1140 Adva KTD.KS31.040 Adva RENOVATION OF EXISTING UBW KTD.KS9.1020 Derm KTD.KS9.1020 Derm KTD.KS9.1020 Derm KTD.KS9.1020 Derm KTD.KS9.1020 Derm KTD.KS9.1020 Derm KTD.KS9.1020 Adva KTD.KS9.1020 Instal	ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required) all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part for working area nolition of existing floor finishes and furnitures, incl lighting struct roof and floor finishes along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 med Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) WAY KS9 mement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area nolition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA (Phase 1) for closing staircases ement TTA (Phase 1) for closing staircases for both sides staircases (Nightwork maybe required)	24 81 68 15 16 29 68 42 55 0 23 418 6 29	04-Jul-22 01-Aug-22 07-Nov-22 31-Jan-23 17-Feb-23 08-Mar-23 15-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	30-Jul-22 05-Nov-22 30-Jan-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	30-May-22 28-Jun-22 05-Oct-22 23-Dec-22 13-Jan-23 03-Feb-23 09-Mar-23 03-Jun-23	27-Jun-22 03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-28 -28 -28 -28 -28 -28	1											
KTD.KS32.1070 Istall KTD.KS32.1080 Istall KTD.KS32.1090 Imple KTD.KS32.1100 Site of KTD.KS32.1100 Demo KTD.KS32.1100 Istall KTD.KS32.1100 Istall KTD.KS32.1100 Istall KTD.KS32.1100 Istall KTD.KS32.1140 Istall KTD.KS32.1140 Istall KTD.RS.1040 Advast KTD.RS.1040 Advast KTD.KS9.1000 Imple KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Cons KTD.KS9.1020 Demo KTD.KS9.1020 Adva KTD.KS9.1020 Adva KTD.KS9.1020 Inple KTD.KS9.1020 Inple KTD.KS9.1050 Adva KTD.KS9.1070 Install KTD.KS9.1080 Inple KTD.KS9.1090 Site of KTD.KS9.1100 Cons	all remaining steel members, glass balustrade, shelter roof top and ancillary facilities for both sides staircases all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part for working area notition of existing floor finishes and fumitures, incl lighting struct roof and floor finishes along RHS of subway part all ver panels along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 med Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ment TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area nolition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for ifiting and installmain steel frame of shelters for both sides staircases (Nightwork maybe required)	81 68 15 16 29 68 42 55 0 23 418 6 29	01-Aug-22 07-Nov-22 31-Jan-23 17-Feb-23 08-Mar-23 15-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	05-Nov-22 30-Jan-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	28-Jun-22 05-Oct-22 23-Dec-22 13-Jan-23 03-Feb-23 09-Mar-23 03-Jun-23	03-Oct-22 22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-28 -28 -28 -28	1											·····
KTD.KS32.1080 Install KTD.KS32.1090 Imple KTD.KS32.1100 Site of KTD.KS32.1100 Demo KTD.KS32.1100 Install KTD.KS32.1120 Cons KTD.KS32.1130 Install KTD.KS32.1140 Install KTD.KS32.1140 Install KTD.KS32.1140 Adva ENOVATION OF EXISTING SUBW KTD.KS9.1040 KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Adva KTD.KS9.1020 Install KTD.KS9.1030 Cons KTD.KS9.1050 Adva KTD.KS9.1050 Install KTD.KS9.1080 Inple KTD.KS9.1090 Site of KTD.KS9.1100 Cons KTD.KS9.1130 Install	all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part for working area notition of existing floor finishes and fumitures, incl lighting struct roof and floor finishes along RHS of subway part all VE panels along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 med Completion of renovation of existing Subways KS9 and KS32 (Pelated to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area notifion of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA (Phase 1) for finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	68 15 16 29 68 42 55 0 23 23 418 6 29	07-Nov-22 31-Jan-23 17-Feb-23 08-Mar-23 15-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	30-Jan-23 16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	05-Oct-22 23-Dec-22 13-Jan-23 03-Feb-23 09-Mar-23 03-Jun-23	22-Dec-22 12-Jan-23 02-Feb-23 08-Mar-23	-28 -28 -28												
KTD.KS32.1090 Imple KTD.KS32.1100 Site of KTD.KS32.1110 Demo KTD.KS32.1120 Cons KTD.KS32.1120 Install KTD.KS32.1130 Install KTD.KS32.1140 Install KTD.KS32.1140 Install KTD.KS32.1140 Adva KTD.RS.1040 Adva KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Cons KTD.KS9.1020 Adva KTD.KS9.1020 Install KTD.KS9.1055 Imple KTD.KS9.1070 Install KTD.KS9.1100 Demo KTD.KS9.1120 Install KTD.KS9.1130 Install KTD.KS9.1130 Install KTD.KS9.1130 Install	ement TTA (Phase 2) for closing RHS of subway part clearance and erect temporary partition along subway part for working area solition of existing floor finishes and fumitures, incl lighting struct roof and floor finishes along RHS of subway part all VE panels along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 med Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area noticition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel sheiters for both sides staircases ement TTA for lifting and installmain steel frame of sheiters for both sides staircases (Nightwork maybe required)	15 16 29 68 42 55 0 23 418 6 29	31-Jan-23 17-Feb-23 08-Mar-23 15-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	16-Feb-23 07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	23-Dec-22 13-Jan-23 03-Feb-23 09-Mar-23 03-Jun-23	12-Jan-23 02-Feb-23 08-Mar-23	-28 -28	1									1		
KTD,KS32,1100 Site of KTD,KS32,1110 Demo KTD,KS32,1120 Cons KTD,KS32,1120 Cons KTD,KS32,1130 Instal KTD,KS32,1140 Instal KTD,KS32,1140 Instal KTD,RS,1030 Plann KTD,RS,1040 Adva RENOVATION OF EXISTING SUBW KTD,KS9,1000 KTD,KS9,1010 Site of KTD,KS9,1020 Demo KTD,KS9,1020 Demo KTD,KS9,1030 Cons KTD,KS9,1040 Instal KTD,KS9,1050 Adva KTD,KS9,1050 Adva KTD,KS9,1040 Instal KTD,KS9,1055 Imple KTD,KS9,1070 Instal KTD,KS9,1080 Imple KTD,KS9,1100 Demo KTD,KS9,1120 Instal KTD,KS9,1130 Instal KTD,KS9,1130 Instal KTD,KS9,1130 Instal KTD,RM,1001 Gond KTD,RM,1002 Cond	clearance and erect temporary partition along subway part for working area notition of existing floor finishes and fumitures, incl lighting struct roof and floor finishes along RHS of subway part III VE panels along RHS of subway part III remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 ned Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area olition of existing wall tiles at both side staircases struct wall and floor finishes at both staircases struct wall and floor finishes at both staircases struct roof and floor finishes at both staircases struct roof and floor finishes at both sides staircases ement TTA for installing steel sheiters for both sides staircases ement TTA for initing and install main steel frame of sheiters for both sides staircases (Nightwork maybe required)	16 29 68 42 55 0 23 418 6 29	17-Feb-23 08-Mar-23 15-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	07-Mar-23 14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	13-Jan-23 03-Feb-23 09-Mar-23 03-Jun-23	02-Feb-23 08-Mar-23	-28	1											ļ
KTD.KS32.1110 Demo KTD.KS32.1120 Cons KTD.KS32.1120 Plant KTD.KS32.1140 Instal KTD.RS.1030 Plant KTD.RS.1040 Adva RENOVATION OF EXISTING SUBW KTD.KS9.1000 KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Cons KTD.KS9.1020 Adva KTD.KS9.1020 Cons KTD.KS9.1020 Adva KTD.KS9.1020 Adva KTD.KS9.1040 Instal KTD.KS9.1055 Inple KTD.KS9.1070 Instal KTD.KS9.1080 Inple KTD.KS9.1090 Site of KTD.KS9.1100 Demo KTD.KS9.1120 Instal KTD.KS9.1130 Instal KTD.RM.1000 Liasic CTD.RM.1001 Cond	In the set of and floor finishes and fumitures, incl lighting struct roof and floor finishes along RHS of subway part all VE panels along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 ined Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area onbition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part all VE panels and floor finishes at both sides set ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	29 68 42 55 0 23 418 6 29	08-Mar-23 15-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	14-Apr-23 07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	03-Feb-23 09-Mar-23 03-Jun-23	08-Mar-23		1					-	/ B	8		.		Ļ
KTD.KS32.1120 Cons KTD.KS32.1130 hstal KTD.KS32.1140 hstal KTD.KS32.1140 hstal KTD.RS.1040 Adva RENOVATION OF EXISTING SUBW KTD.KS9.1010 KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Adva KTD.KS9.1050 Adva KTD.KS9.1050 Adva KTD.KS9.1050 Make KTD.KS9.1090 Site of KTD.KS9.1100 Demo KTD.KS9.1120 hstal KTD.KS9.1130 hstal (ED.RM.1001 Cond <	struct roof and floor finishes along RHS of subway part all VE panels along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 and Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area nolition of existing wall tiles at both side staircases, struct wall and floor finishes at both staircases struct roof and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters forboth sides staircases (Nightwork maybe required)	68 42 55 0 23 418 6 29	15-Apr-23 08-Jul-23 26-Aug-23 02-Nov-23	07-Jul-23 25-Aug-23 01-Nov-23 01-Nov-23	09-Mar-23 03-Jun-23		-28	4					įį						
KTD.KS32.1130 Install KTD.KS32.1140 Install KTD.KS32.1140 Plann KTD.RS.1040 Advall RENOVATION OF EXISTING SUBWING KTD.KS9.1000 KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Cons KTD.KS9.1020 Advall KTD.KS9.1020 Cons KTD.KS9.1020 Advall KTD.KS9.1030 Hotall KTD.KS9.1080 Imple KTD.KS9.1100 Demo KTD.KS9.1120 Install KTD.KS9.1130 Hotall KTD.RM.1002 Cond CTD.RM.1002 Cond	III VE panels along RHS of subway part all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 med Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) WAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area nolition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for fifting and installmain steel frame of shelters for both sides staircases (Nightwork maybe required)	42 55 0 23 418 6 29	08-Jul-23 26-Aug-23 02-Nov-23	25-Aug-23 01-Nov-23 01-Nov-23	03-Jun-23	02-Jun-23		1									-		1
KTD.KS32.1140 Install KTD.KS32.1140 Astall KTD.RS.1030 Plann KTD.RS.1040 Adva RENOVATION OF EXISTING SUBM KTD.KS9.1000 KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1025 Cons KTD.KS9.1025 Cons KTD.KS9.1025 Cons KTD.KS9.1050 Adva KTD.KS9.1055 Inple KTD.KS9.1050 Adva KTD.KS9.1050 Install KTD.KS9.1050 Install KTD.KS9.1050 Install KTD.KS9.1050 Install KTD.KS9.1050 Install KTD.KS9.1070 Install KTD.KS9.1080 Imple KTD.KS9.1100 Demo KTD.KS9.1120 Install KTD.KS9.1120 Install KTD.KS9.1130 Install KTD.RM.1002 Cond CTD.RM.1002 Cond CTD.RM.1003 Subm CTD.RM.1004 Erect <td>III remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 Ined Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway pat clearance and erect temporary partition along subway part for working area nolition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and installmain steel frame of shelters for both sides staircases (Nightwork maybe required)</td> <td>55 0 23 418 6 29</td> <td>26-Aug-23 02-Nov-23</td> <td>01-Nov-23 01-Nov-23</td> <td></td> <td></td> <td>-28</td> <td>1</td> <td></td> <td></td> <td>ļļ</td> <td></td> <td>ļļ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	III remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9 Ined Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway pat clearance and erect temporary partition along subway part for working area nolition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and installmain steel frame of shelters for both sides staircases (Nightwork maybe required)	55 0 23 418 6 29	26-Aug-23 02-Nov-23	01-Nov-23 01-Nov-23			-28	1			ļļ		ļļ						
KTD, FS, 1030 Plann KTD, FS, 1040 Adva RENOVATION OF EXISTING SUBM Imple KTD, KS9, 1000 Imple KTD, KS9, 1010 Site of KTD, KS9, 1020 Derm KTD, KS9, 1020 Derm KTD, KS9, 1020 Cons KTD, KS9, 1020 Cons KTD, KS9, 1020 Cons KTD, KS9, 1020 Instal KTD, KS9, 1040 Instal KTD, KS9, 1050 Mple KTD, KS9, 1055 Mple KTD, KS9, 1050 Adva KTD, KS9, 1070 Instal KTD, KS9, 1080 Imple KTD, KS9, 1080 Imple KTD, KS9, 1100 Derm KTD, KS9, 1120 Instal KTD, KS9, 1130 Instal KTD, KS9, 1130 Instal KTD, KS9, 1130 Instal KTD, KS9, 1130 Instal KTD, RM, 1002 Cond CTD, RM, 1002 Cond CTD, RM, 1003 Subn CTD, RM, 1004	Ined Completion of renovation of existing Subways KS9 and KS32 (Related to Section 1) ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway pat clearance and erect temporary partition along subway part for working area notition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for fifting and installmain steel frame of shelters for both sides staircases (Nightwork maybe required)	0 23 418 6 29	02-Nov-23	01-Nov-23	25-Jul-23	24-Jul-23	-28	1											
KTD.FS.1040 Adva RENOVATION OF EXISTING SUBW Imple KTD.KS9.1000 Imple KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Cons KTD.KS9.1020 Cons KTD.KS9.1030 Cons KTD.KS9.1030 Cons KTD.KS9.1040 Instal KTD.KS9.1050 Adva KTD.KS9.1050 Instal KTD.KS9.1050 Instal KTD.KS9.1060 Instal KTD.KS9.1070 Instal KTD.KS9.1080 Imple KTD.KS9.1080 Imple KTD.KS9.1100 Cons KTD.KS9.1120 Instal KTD.KS9.1130 Instal KTD.KS9.1130 Instal KTD.RM.1000 Liasic CTD.RM.1001 Remo CTD.RM.1002 Cond CTD.RM.1003 Subm CTD.RM.1004 Erect CTD.RM.1005 Erect	ance Completion of renovation of existing Subways KS9 and KS32 to Specific Contract Completion Date (Section 1) NAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway pat clearance and erect temporary partition along subway part for working area notition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for fifting and installmain steel frame of shelters for both sides staircases (Nightwork maybe required)	23 418 6 29	and the second sec			26-Sep-23	-28	1					ļ						
RENOVATION OF EXISTING SUBW KTD.KS9.1000 Imple KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Cons KTD.KS9.1030 Cons KTD.KS9.1030 Cons KTD.KS9.1030 Cons KTD.KS9.1040 Instal KTD.KS9.1050 Adva KTD.KS9.1050 Inple KTD.KS9.1060 Instal KTD.KS9.1070 Instal KTD.KS9.1080 Imple KTD.KS9.1090 Site of KTD.KS9.1100 Demo KTD.KS9.1120 Instal KTD.KS9.1130 Instal KTD.KS9.1130 Instal KTD.RM.1000 Liasic CTD.RM.1001 Remo CTD.RM.1002 Cond CTD.RM.1003 Subm CTD.RM.1004 Erect CTD.RM.1005 Erect CTD.RM.1011 Trialg CTD.RM.1012	WAY KS9 ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area notition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel sheiters for both sides staircases ement TTA for lifting and install main steel frame of sheiters for both sides staircases (Nightwork maybe required)	418 6 29	and the second sec			26-Sep-23	-36	2										▼	
KTD.KS9.1000 Imple KTD.KS9.1010 Site of KTD.KS9.1020 Demo KTD.KS9.1020 Demo KTD.KS9.1020 Cons KTD.KS9.1020 Cons KTD.KS9.1020 Cons KTD.KS9.1030 Cons KTD.KS9.1040 Instal KTD.KS9.1050 Adva KTD.KS9.1050 Inple KTD.KS9.1060 Instal KTD.KS9.1070 Instal KTD.KS9.1080 Imple KTD.KS9.1090 Site of KTD.KS9.1100 Demo KTD.KS9.1120 Instal KTD.KS9.1130 Instal KTD.KS9.1130 Instal KTD.RS9.1130 Instal KTD.RS9.1130 Instal KTD.RM.1001 Remo CTD.RM.1002 Cond CTD.RM.1003 Subn CTD.RM.1004 Erect CTD.RM.1005 Erect CTD.RM.1011 Trialg CTD.RM.1012 Oper	ement TTA (Phase 1) for closing staircases at both sides and LHS of subway part clearance and erect temporary partition along subway part for working area notition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel sheiters for both sides staircases ement TTA for lifting and installmain steel frame of sheiters for both sides staircases (Nightwork maybe required)	6 29	18-Jan-22	24-Nov-23	31-Jan-24	22-Feb-24	90	2			ļļ						<u></u>		
KTD.KS9.1010 Site c KTD.KS9.1020 Dermo KTD.KS9.1025 Cons KTD.KS9.1025 Cons KTD.KS9.1030 Cons KTD.KS9.1040 Instal KTD.KS9.1050 Adva KTD.KS9.1050 Adva KTD.KS9.1050 Instal KTD.KS9.1060 Instal KTD.KS9.1070 Instal KTD.KS9.1080 Imple KTD.KS9.1090 Site c KTD.KS9.1100 Dermo KTD.KS9.1100 Dermo KTD.KS9.1100 Dermo KTD.KS9.1120 Instal KTD.RS9.1130 Instal KTD.RM.1000 Liasis CTD.RM.1001 Remo CTD.RM.1002 Cond CTD.RM.1003 Subm CTD.RM.1004 Erect CTD.RM.1005 Erect CTD.RM.1011 Tiralg CTD.RM.1012 Oper	clearance and erect temporary partition along subway part for working area notition of existing wall tiles at both side staircases, floor finishes and fumitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel sheiters for both sides staircases ement TTA for lifting and install main steel frame of sheiters for both sides staircases (Nightwork maybe required)	29	40.1	17-Jun-23	13-Dec-21	26-Sep-23	84	1						1					
KTD,KS9.1020 Demo KTD,KS9.1025 Cons KTD,KS9.1025 Cons KTD,KS9.1030 Cons KTD,KS9.1040 Instal KTD,KS9.1050 Adva KTD,KS9.1050 Adva KTD,KS9.1050 Instal KTD,KS9.1050 Instal KTD,KS9.1060 Instal KTD,KS9.1070 Instal KTD,KS9.1080 Imple KTD,KS9.1090 Site of KTD,KS9.1100 Demo KTD,KS9.1100 Cons KTD,KS9.1120 Instal KTD,KS9.1130 Instal KTD,RM.1000 Liasis CTD,RM.1001 Remo CTD,RM.1002 Cond CTD,RM.1003 Subm CTD,RM.1004 Erect CTD,RM.1005 Erect CTD,RM.1011 Trialg CTD,RM.1012 Oper	nolition of existing wall tiles at both side staircases, floor finishes and furnitures, incl handrail/guardrail/lights struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel sheiters for both sides staircases ement TTA for lifting and install main steel frame of sheiters for both sides staircases (Nightwork maybe required)		18-Jan-22	24-Jan-22	13-Dec-21	18-Dec-21	-28	1				·····							·
KTD.KS9.1025 Cons KTD.KS9.1030 Cons KTD.KS9.1030 Cons KTD.KS9.1040 hstal KTD.KS9.1050 Adva KTD.KS9.1050 hstal KTD.KS9.1050 hstal KTD.KS9.1060 hstal KTD.KS9.1070 hstal KTD.KS9.1080 hple KTD.KS9.1090 Site of KTD.KS9.1100 Demo KTD.KS9.1100 Cons KTD.KS9.1120 hstal KTD.KS9.1130 hstal KTD.RS9.1130 hstal KTD.RS9.1130 hstal Cons KTD.RM.1000 Berm TD.RM.1001 Rem Cons TD.RM.1002 Cond TD TD.RM.1003 Subn TD TD.RM.1004 Erect TD TD.RM.1005 Erect TD TD.RM.1011 Trialg TD	struct wall and floor finishes at both staircases struct roof and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	42	25-Jan-22	02-Mar-22	20-Dec-21	25-Jan-22	-28	1									1		
KTD,KS9,1030 Cons KTD,KS9,1040 hstal KTD,KS9,1050 Adva KTD,KS9,1050 Adva KTD,KS9,1050 hple KTD,KS9,1055 imple KTD,KS9,1060 hstal KTD,KS9,1070 hstal KTD,KS9,1080 imple KTD,KS9,1090 Site of KTD,KS9,1100 Demo KTD,KS9,1110 Cons KTD,KS9,1120 hstal KTD,KS9,1130 hstal ERSION OF EXISTING Hstal D,RM,1000 Liasic D,RM,1001 Remo D,RM,1002 Cond D,RM,1003 Subm D,RM,1005 Erect D,RM,1005 Erect D,RM,1011 Trialg D,RM,1012 Oper	struct roof and floor finishes along LHS of subway part all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	00	03-Mar-22	25-Apr-22	26-Jan-22	18-Mar-22	-28 -28	1					·						+
KTD.KS9.1040 Install KTD.KS9.1050 Adva KTD.KS9.1055 Imple KTD.KS9.1055 Imple KTD.KS9.1060 Install KTD.KS9.1070 Install KTD.KS9.1080 Imple KTD.KS9.1090 Site of KTD.KS9.1100 Demm KTD.KS9.1100 Cons KTD.KS9.1120 Install KTD.KS9.1130 Install VERSION OF EXISTING RISIL TD.RM.1001 Remm TD.RM.1002 Cond TD.RM.1003 Subm TD.RM.1004 Erect TD.RM.1005 Erect TD.RM.1011 Trialg	all VE panels and its sub-frame along LHS of subway part ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	29	07-Apr-22	16-May-22 09-Jul-22	04-Mar-22 06-Oct-22	07-Apr-22 26-Nov-22	-28	1		1			1				1		
KTD,KS9,1050 Adva KTD,KS9,1055 Imple KTD,KS9,1060 Instal KTD,KS9,1070 Instal KTD,KS9,1080 Imple KTD,KS9,1080 Imple KTD,KS9,1090 Site of KTD,KS9,1100 Demm KTD,KS9,1110 Cons KTD,KS9,1120 Instal KTD,KS9,1130 Instal ERSION OF EXISTING RISII D,RM,1000 Liasic D,RM,1001 Remmode D,RM,1002 Cond D,RM,1003 Subm D,RM,1004 Erect D,RM,1005 Erect D,RM,10011 Trialg D,RM,10012 Open	ance works for installing steel shelters for both sides staircases ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	45 26	17-May-22 11-Jul-22	09-Jui-22 09-Aug-22	28-Nov-22	29-Dec-22	117	1	·		<u> </u>		·						
KTD,KS9,1055 Imple KTD,KS9,1060 hstal KTD,KS9,1070 hstal KTD,KS9,1070 hstal KTD,KS9,1070 hstal KTD,KS9,1080 Imple KTD,KS9,1090 Site of KTD,KS9,1100 Demm KTD,KS9,1110 Cons KTD,KS9,1120 hstal ERSION OF EXISTING PISII D,RM,1000 Liasic D,RM,1001 Remm D,RM,1003 Subm D,RM,1004 Erect D,RM,1005 Erect D,RM,1011 Trialg D,RM,1012 Oper	ement TTA for lifting and install main steel frame of shelters for both sides staircases (Nightwork maybe required)	15	17-May-22		28-140V-22 08-Apr-22	29-Dec-22 28-Apr-22	-28	1											
KTD.KS9.1060 Istal KTD.KS9.1070 Istal KTD.KS9.1070 Istal KTD.KS9.1080 Imple KTD.KS9.1090 Site of KTD.KS9.1100 Demo KTD.KS9.1100 Demo KTD.KS9.1110 Cons KTD.KS9.1120 Istal KTD.KS9.1130 Istal EERSION OF EXISTING RISII TD.RM.1000 Liask TD.RM.1001 Remo TD.RM.1002 Cond TD.RM.1003 Subm TD.RM.1004 Erect TD.RM.1011 Trialg TD.RM.1012 Oper		24	04-Jun-22	02-Jul-22	29-Apr-22	28-May-22	-28	1			·								1
KTD,KS9,1070 Istal KTD,KS9,1080 Imple KTD,KS9,1090 Site of KTD,KS9,1100 Demo KTD,KS9,1100 Demo KTD,KS9,1100 Instal KTD,KS9,1120 Instal KTD,KS9,1130 Instal ERSION OF EXISTING RISII TD,RM,1000 Liasic TD,RM,1001 Remo TD,RM,1002 Cond TD,RM,1003 Subn TD,RM,1005 Erect TD,RM,10011 Trialg TD,RM,1012 Oper		65	04-Jul-22	17-Sep-22	13-Oct-22	29-Dec-22	84	1					1	i			1		
KTD.KS9.1080 Imple KTD.KS9.1090 Site of KTD.KS9.1100 Demo KTD.KS9.1110 Cons KTD.KS9.1120 Instal KTD.KS9.1120 Instal KTD.KS9.1130 Instal ERSION OF EXISTING RISII D.RM.1000 Liasic D.RM.1001 Remo D.RM.1003 Subn D.RM.1004 Erect D.RM.1011 Trialg D.RM.1012 Oper	all partial E&M works inclu lighting and drainage system and steel light trough for LHS of subway part	52	19-Sep-22	19-Nov-22	30-Dec-22	03-Mar-23	84	1						·····	·····		+		
KTD.KS9.1090 Site c KTD.KS9.1100 Demm KTD.KS9.1100 Cons KTD.KS9.1110 Cons KTD.KS9.1120 Instal KTD.KS9.1120 Instal ERSION OF EXISTING RISII TD.RM.1000 Llask TD.RM.1001 Perm TD.RM.1002 Cond TD.RM.1003 Subn TD.RM.1005 Erect TD.RM.1011 Trial; TD.RM.1012 Oper	ement TTA (Phase 2) for closing RHS of subway part	12	21-Nov-22	03-Dec-22	04-Mar-23	17-Mar-23	84	1					1						
KTD.KS9.1100 Demm KTD.KS9.1100 Cons KTD.KS9.1120 Instal KTD.KS9.1120 Instal KTD.KS9.1130 Instal ERSION OF EXISTING RISII D.RM.1000 Llask D.RM.1001 D.RM.1002 Cond D.RM.1003 Subm D.RM.1005 Erect D.RM.1010 Trial; D.RM.1012 Oper	clearance and erect temporary partition along subway part for working area	13	05-Dec-22	19-Dec-22	18-Mar-23	01-Apr-23	84	1					1	1			1		1
KTD.KS9.1110 Cons KTD.KS9.1120 Instal KTD.KS9.1130 Instal ERSION OF EXISTING RISII DD.RM.1000 Liask TD.RM.1001 Remme TD.RM.1002 Cond TD.RM.1003 Subme TD.RM.1005 Erect TD.RM.1011 Trial; TD.RM.1012 Oper	nolition of existing floor finishes and fumitures, incl lighting	21	20-Dec-22	16-Jan-23	03-Apr-23	02-May-23	84	1								ė			
KTD.KS9.1120 Instal KTD.KS9.1130 Instal ERSION OF EXISTING RISII TD.RM.1000 Liask TD.RM.1001 Remm TD.RM.1002 Cond TD.RM.1003 Subm TD.RM.1005 Erect TD.RM.1011 Tinial; TD.RM.1012 Oper	struct roof and floor finishes along RHS of subway part	45	17-Jan-23	11-Mar-23	03-May-23	26-Jun-23	84	1		1				1			1		1
TERSION OF EXISTING RISI T.D.R.M.1000 Llasic T.D.R.M.1001 Remm T.D.R.M.1002 Cond T.D.R.M.1003 Subm T.D.R.M.1004 Erect T.D.R.M.1005 Erect T.D.R.M.1011 Trial; T.D.R.M.1012 Oper	all VE panels along RHS of subway part	26	13-Mar-23	15-Apr-23	27-Jun-23	27-Jul-23	84	1											
D.RM.1000 Llasic D.RM.1001 Perm D.RM.1002 Cond D.RM.1003 Subn D.RM.1004 Erect D.RM.1005 Erect D.RM.1011 Trial;	all remaining E&M works inclu lighting and drainage system and steel light trough at Subway KS9	52	17-Apr-23	17-Jun-23	28-Jul-23	26-Sep-23	84	1					1						
D.RM.1000 Llasic D.RM.1001 Removement D.RM.1002 Cond D.RM.1003 Subm D.RM.1004 Erect D.RM.1005 Erect D.RM.1011 Trial;	ING MAIN AND DEMOLITION OF EXISTING STRUCTURES AT SITE 2C2 & 2C3	373	16-Sep-20	17-Dec-21	17-Sep-20	17-Dec-21	0	244	V										
D.RM.1002 Cond D.RM.1003 Subn D.RM.1004 Erect D.RM.1005 Erect D.RM.1011 Trial; D.RM.1012 Oper	ion with relevant departments for removal of abandoned motorcycles under existing structures at Site 2C2 and 2C3	60	16-Sep-20	14-Nov-20	17-Sep-20	15-Nov-20	1	2	-										
TD.RM.1003 Subm TD.RM.1004 Erect TD.RM.1005 Erect TD.RM.1011 Trial; TD.RM.1012 Oper	noval of abandoned motorcycles and clearance for demolition works	14	16-Nov-20	01-Dec-20	16-Nov-20	01-Dec-20	0	1					<u> </u>						
D.RM.1004 Erect D.RM.1005 Erect D.RM.1011 Třialp D.RM.1012 Oper	duct asbestos survey and submission of AIP/AAP to EPD for approval	37	02-Dec-20	07-Jan-21	02-Dec-20	07-Jan-21	0	2		-									
TD.RM.1005 Erect TD.RM.1011 Trial; TD.RM.1012 Oper	mit notification of commencement of removal works of asbestos at existing cottage at Site 2C2 and 2C3	27	08-Jan-21	03-Feb-21	08-Jan-21	03-Feb-21	0	2			L		<u> </u>						
TD.RM.1011 Trialp TD.RM.1012 Oper	t scaffold and demolition of existing RC structure at Site 2C2 and 2C3	39	08-Jan-21	25-Feb-21	20-Jan-21	09-Mar-21	10	1											
rD.RM.1012 Oper	t protection, removal of asbestos and demolition of existing cottage at Site 2C2 and 2C3	26	04-Feb-21	09-Mar-21	04-Feb-21	09-Mar-21	0	1					l						
	pit excavation to boate existing twin rising main at CHD and CH184 (1 team)	12	10-Mar-21	23-Mar-21	10-Mar-21	23-Mar-21	0	1											1
	en-cut excavation for construction of twin rising main from CH0 to CH184 (175mL,3500m3 exca, 1 team)	63	24-Mar-21	11-Jun-21	24-Mar-21	11-Jun-21	0	1				_		ļļ.					.÷
	and install pipeworks and cast thrust blocks for twin rising main from CH0 to CH184 (184mL)	115	17-Apr-21	02-Sep-21	17-Apr-21	02-Sep-21	0	1			1							1	1
	all ELS and excavate for connection pit for twin rising main at CH0 and CH184 (20mL, 960m3 exca, 1 team)	39	19-Aug-21	05-Oct-21	19-Aug-21	05-Oct-21	0	1			ļļ		ļ					·····	·+
	existing rising main, lay and install pipeworks and cast thrust blocks for connection of Pipeline 1	18	06-Oct-21	27-Oct-21	06-Oct-21	27-Oct-21	0	1										1	1
	existing rising main, lay and install pipeworks and cast thrust blocks for connection of Pipeline 2	18	28-Oct-21	17-Nov-21	28-Oct-21	17-Nov-21	0	1			<u> </u>		ļļ		·····				
	kfilling works and abandon the existing sewage rising main	26	18-Nov-21	17-Dec-21	18-Nov-21	17-Dec-21	0	1											
and the second	ned Completion of diversion and demolition of existing structures at Site 2C2 and 2C3 (Related to Section 5)	0	24 1.100	17-Dec-21	07 Aug 20	17-Dec-21	0	2			<u> .</u>								
ISTRUCTION OF ROAD WC		1342	31-Jul-20	07-Feb-25	07-Apr-20	30-Jun-26	412									-			
CONSTRUCTION OF SLIP ROAD		707	31-Jul-20	15-Dec-22	14-Feb-22	30-Jun-26	1047 563	2			·		į						·
	son/coordinate with utility and service undertakings on diversion works (including CLP, DCS work and etc.)	180	31-Jul-20	26-Jan-21	14-Feb-22	12-Aug-22				1							1	1	
	ose and install protect/support system for existing underground utilities and services (incl 132kV and 400kV cables)	104	21-Oct-20	26-Feb-21			454	1	· · · · · · · · · · · · · · · · · · ·		<u>i</u>		·						. -
the second se	drilling works for pile caps PC1, PC2 and south side of PC3 to PC7 (14 nos, 2 rigs)	131	27-Nov-20	11-May-21	15-Mar-22	23-Aug-22	382	1										1	
	drilling works for pile caps north side of PC3 to PC7 (10 nos, 2 rigs)	100	12-May-21	12-May-21	23-Aug-22 14-Mar-22	24-Aug-22 23-Aug-22	382	1	/		<u> </u>		ļi		·····-	····			
	mission/approval for CSD Proposal and Detail Design Report by the Employer/relevant authorities	132	26-Nov-20 12-May-21	12-May-21 11-Jun-21	24-Aug-22		382	1		1		1		1	1				
	ose existing 132kV and 400kV cables, remove existing abandoned chamber and install protection to existing duct banks	70	12-May-21 29-May-21		24-Aug-22 09-Sep-22	02-Dec-22	382	1	[÷					1
	ig works of pre-bored H-piles (14 nos, 610dia x 70m, 1 rig) allation of ELS and excavation and construction for pile cap PC1 (60m3 exca, 30m3 conc, 1 team)	26	29-way-21 21-Aug-21	20-Sep-21	03-Dec-22	05-Jan-23	382	1											
- Allowing and the state of the	allation of ELS and excavation and construction for pile cap PCT (ourns exca, sums conc, riteam) astruction of temporary supporting system for existing bridge K73	39	21-Sep-21	08-Nov-21	10-Oct-23	24-Nov-23	607	1	[+			†-					1
7 (SC (SC (COR)) (COR))	nolition of existing bearing wall	26	09-Nov-21	08-Dec-21	25-Nov-23	27-Dec-23	607	1											
	allation of ELS and excavation and construction for pile cap PC2 (60m3 exca, 30m3 conc, 1 team)	26	09-Dec-21	11-Jan-22	28-Dec-23	27-Jan-24	607	1	[1		÷{	†		1			1
	instruction of remaining foundation and pier structures (incl. columns, portal beams and etc.) (169m3, 1 team)	52	12-Jan-22		29-Jan-24	03-Apr-24	607	1]				-
	istruction of cantilever slab extended from ext, bridge K73 (150m3, 1 team)	39	17-Mar-22		05-Apr-24	22-May-24	607	1	1		1		E						1
	stilling for pile caps (PC1 and PC2)	26	07-May-22		23-May-24	22-Jun-24	607	1		1					1				
	ng works of pre-bored H-piles (31 nos, 610dia x 80m, 1 rig)	125	21-Aug-21	20-Jan-22	03-Jan-23	06-Jun-23	405	1			1 1		÷	1			1 1		1
		26	21-Jan-22			30-Jun-26	1289	1											
	clearance, post-piling tests and proof drilling works for pre-bored H-piles (3 tests and 2 proof drills)	1	1		L				<u></u>	-							- <u>-</u>	Date	È
V Milestone	clearance, post-piling tests and proof drilling works for pre-bored H-piles (3 tests and 2 proof drills)					Re	v. 48												141
V Critical Milestone	e clearance, post-piling tests and proof drilling works for pre-bored H-piles (3 tests and 2 proof drills) Planned Work	Tak D	evelop	ment -	Stage 5	B Infra	struct	ure W	orks at	the F	ormer	North A	Apror	1 Area	а				Wo
	Planned Work	·······	5.0.0p		No. alex												21-A	ug-24	Wo
Critical Remaining Work	Planned Work Summary ED/2018/05 Kai				WO	RKS PI	JUGK										05-C		Wo

JFM	20	24			20	25			2026	
JFM	AMJ	JAS	OND	JFM	AMJ	JAS	OND	JFM	AMJ	JAB
		-								
		-								
·										
								·		•••••
								······		
ļ										
				ļ				ļ		
1										
<u> </u>	·				ļ		 	·	ļ	
1				·····			1	1		
ļ				ļ	ļ			ļ		
†	·									
ļ	ļ							ļ		
								1		
<u> </u>	}			÷	<u> </u>		¦	}	¦	
					1					
1				1	1	1	1	1		
		evisior				eckec		Ар	prove	d
Works	Prog	ramm	е		HL	_		RL	-	
Works	Prog	ramm	e		HL			RL	_	
Works	Prog	ramm	е		HL		IF	RL		

	Activity Name	Dur (d)	Early Start	Finish		Late Finish	Float	JASONDJFM	AMJJ	ASONI	JFMAI	2022 M J J A S	ONDJF	FMAM
KTD.SR.2010	hstallation of ELS and excavation and construction for pile caps (P3-P7,1110m3 exca, 800m3 conc, 2 teams)	52	21-Jan-22			08-Aug-23	405							
KTD.SR.2020	Construction of Retaining Wall S14 (Bay1-4, 460m3, 2 teams)	39	26-Mar-22	CARD CONTRACTOR	1.000	22-Sep-23	405							
KTD.SR.2030	Construction of bridge S14 decking structures (320m3, 1 teams)	32	18-May-22		23-Sep-23	02-Nov-23	405			1				
KTD.SR.2040	Prestressing works and bearing installation works	26	25-Jun-22	26-Jul-22	15-Nov-23	14-Dec-23	415							
KTD,SR,2050	Backfilling for Retaining Wall S14 (Bay 1-7, 1800m3, 2 teams)	36	25-Jun-22	06-Aug-22	03-Nov-23	14-Dec-23	405							
KTD.SR.3000	hstallation of ELS and excavation for Retaining Wall S14 (Bay5-11, 3600m3 exca, 2 team)	90	21-Aug-21	07-Dec-21	03-Dec-22	23-Mar-23	382							
KTD,SR,3010	Construction of Retaining Wall S14 (Bay5-11, 800m3, 2 teams)	184	04-Nov-21	21-Jun-22	18-Feb-23	29-Sep-23	382				1 1			
KTD.SR.3020	Backfilling for Retaining Wall S14 (Bay8-11, 1100m3, 2 teams)	90	18-May-22	01-Sep-22	28-Aug-23	13-Dec-23	382				/			
KTD.SR.3030	Excavate and construct stormwater drain from SMH1062 to SMH1066 and associated gullies	52	10-Aug-22	12-Oct-22	21-Nov-23	23-Jan-24	382							
KTD.SR.3050	Backfill and compact sub-base from CH336 to CH124	18	30-Sep-22	22-Oct-22	13-Jan-24	02-Feb-24	382			1	1			
KTD.SR.3060	Construction of road pavement, road marking, street and other facilities	46	24-Oct-22	15-Dec-22	27-Apr-24	22-Jun-24	448			1	1			
KTD.SR.9999	Planned Completion of Slip Road S14 (Related to Section 3)	0	-	15-Dec-22		22-Jun-24	555						▼	
ONSTRUCTION OF RO	DADS D1, L9, L16, PEDESTRIAN STREETS AND OPEN SPACES	1315	01-Sep-20	07-Feb-25	07-Apr-20	30-Jun-26	412			1	1 1	1	1	
CONSTRUCTION OF F	ROADS L9 & L16 AND O LYMPIC AVENUE WITHIN PART 1	763	30-Jul-21	22-Feb-24	11-May-21	26-Sep-23	-120		1	<u> </u>			ļ	
CONSTRUCTION O	OF UNDERGROUND UTILITIES AND ROADWORKS AT ROAD L16 WITHIN PART 1 (NON-XP AREA)	709	30-Jul-21	15-Dec-23		26-Sep-23	-66				1			1
KTD.L16.1000	Excavate and construct stormwater drainage from SMH904 to SMH911 and associated drain pits	14	30-Jul-21	14-Aug-21	11-May-21	27-May-21	-66							
KTD.L16.1010	Backfill and compact the excavated trench from SMH904 to SMH911	6	16-Aug-21	21-Aug-21	28-May-21	03-Jun-21	-66			1				
KTD.L16.1014	Excavate and construct stormwater drainage from SMH909 to SMH911 and associated drain pits	32	23-Aug-21	29-Sep-21	04-Jun-21	13-Jul-21	-66							
KTD.L16.1017	Backfill and compact the excavated trench from SMH909 to SMH911	18	30-Sep-21	22-Oct-21	14-Jul-21	03-Aug-21	-66					1		1
KTD.L16.1020	Excavate and demolish the existing box culvert and backfill at Road L16	33	23-Oct-21	30-Nov-21	04-Aug-21	10-Sep-21	-66							
KTD.L16.1030	Excavate and construct stormwater drainage fm SMH911 to SMH916 and associated drain pits	55	01-Dec-21	09-Feb-22	11-Sep-21	17-Nov-21	-66						1	
	Backfill and compact the excavated trench from SMH911 to SMH916	21	10-Feb-22		18-Nov-21	11-Dec-21	-66							1
KTD.L16.1040		81	07-Mar-22		13-Dec-21	23-Mar-22	-66		·····	·····			+	
KTD.L16.1050	Excavate and construct sewerage from SWTP1_1 to FMH10_40 (182mL pipeline and man holes)	2020	1.28 89550.20	Sec. Sec.	1. 19. 19. 19. 19. 19.	10000	225			1	1	1		1
KTD.L16.1060	Excavate and install fresh watermain from CHC0 to CHC180 and associated tees with chambers	63	17-Jun-22		24-Mar-22	13-Jun-22	-66						<u>_</u>	
KTD.L16.1070	Excavate and install salt watermain from CHC0 to CHC180 and associated tees with chambers	42	31-Aug-22		14-Jun-22	02-Aug-22	-66			1	1	-		1
KTD.L16.1080	Excavate and install irregation pipeline at Road L16 within Part 1	29	22-Oct-22	24-Nov-22	03-Aug-22	05-Sep-22	-66				1			
KTD.L16.1090	Install and construct gully and associated drain pipes at Road L16 within Part 1	29	25-Nov-22	30-Dec-22	06-Sep-22	12-Oct-22	-66							
KTD.L16.1100	Install and construct road lighting and drawpits civil provisions at Road L16 within Part 1	29	31-Dec-22	06-Feb-23	13-Oct-22	15-Nov-22	-66							
KTD.L16.1110	Allowable time frame for UU undertakings to install their ducts/pits/chambers at Road L16 within Part 1	29	31-Dec-22		13-Oct-22	15-Nov-22	-66				1			
KTD.L16.1120	Backfill and compact to roadwork formation level at Road L16 within Part 1	15	07-Feb-23		16-Nov-22	02-Dec-22	-66			1				
		42	24-Feb-23		03-Dec-22	26-Jan-23	-66				·····			
KTD.L16.1130	Construct road kerb and planter at Road L16 within Part 1													-
KTD.L16.1140	Backfill and compact sub-base material for road work at Road L16 within Part 1	55	22-Mar-23			08-Mar-23	-66	i	·					
KTD.L16.1150	Construct carriagway pavement (Bitumen and concrete pavement) at Road L16 within Part 1	43	01-Jun-23	22-Jul-23	09-Mar-23	03-May-23	-66			1	1			-
KTD.L16.1160	Lay paving blocks for pedestrian access at Road L16 within Part 1	78	24-Jul-23	25-Oct-23	27-Jun-23	26-Sep-23	-22				<u> </u>		<u> </u>	
KTD.L16.1170	TTA diversion for MTR SWT Station EVA (Stage 3, divert to newly constructed L16 as EVA)	10	24-Jul-23	03-Aug-23	04-May-23	15-May-23	-66							
KTD.L16.1180	Excavate and construct remaining stormwater drainage and watermain connection	21	04-Aug-23	28-Aug-23	16-May-23	09-Jun-23	-66							
KTD.L16.1190	Construct remaining road kerb/planter at Poad L16 within Part 1	15	29-Aug-23	14-Sep-23	10-Jun-23	28-Jun-23	-66				1		1	
KTD.L16.1200	Allowable time frame for UU undertakings to install remaining ducts/pits/chambers at Road L16 within Part 1	21	15-Sep-23		29-Jun-23	24-Jul-23	-66							
KTD.L16.1210	Lay paving blocks for remaining pedestrian access at Road L16 within Part 1	29	12-Oct-23		25-Jul-23	26-Aug-23	-66		·····	·····	· · · · · · · · · · · · · · · · · · ·		· • • • • • • • • • • • • • • • • • • •	
South and a second second		55	12-Oct-23		25-Jul-23	26-Sep-23	-66				1			
KTD.L16.1220	Install road fumitures, road markings and landscaping works at Poad L16 within Part 1	0	12-001-23		2000120	26-Sep-23	-80		·		·		·	
KTD.L16.1230	Planned completion of underground utilities and roadworks at Road L16 within Part 1 (related to Section 1)	444	07 4 00	15-Dec-23	29-Mar-22	26-Sep-23	-21							1
	OF UNDERGROUND UTILITIES AND ROADWORKS AT ROAD L9 WITHIN PART 1 (NON-XP AREA)		27-Apr-22	and the second second	23-14141-22			·····					· ····· ····	
KTD.L9.1000	TTA diversion for MTRC SWT Station EVA (Stage 2, divert to Sung Wong Toi Road and Crowd Dispersal Poute)	0		27-Apr-22		29-Mar-22	-21				1 1			
KTD.L9.1010	Excavate and demolish the existing box culvert and backfill at Road L9	35	28-Apr-22	and the second		16-May-22	-21							
KTD.L9.1020	Excavate and construct stormwater drainage from SMH1026 to SMH454 and associated drain pits	48	11-Jun-22		17-May-22	13-Jul-22	-21							
KTD.L9.1030	Excavate and install fresh watermain from CHB126 to CHB50 at Road L9 within Part 1	30	08-Aug-22	10-Sep-22	14-Jul-22	17-Aug-22	-21				<u> </u>		<u> </u>	
KTD.L9.1040	Excavate and install salt watermain from CHB125 to CHB50 at Road L9 within Part 1	30	13-Sep-22	19-Oct-22	18-Aug-22	22-Sep-22	-21						—	
KTD.L9.1050	Excavate and install irregation pipeline at Road L9 within Part 1	26	20-Oct-22	18-Nov-22	23-Sep-22	25-Oct-22	-21				1			
KTD.L9.1060	Install and construct gully and associated drain pipes at Road L9 within Part 1	18	19-Nov-22	09-Dec-22	26-Oct-22	15-Nov-22	-21				1	1		1
KTD.L9.1070	Install and construct road lighting and drawpits civil provisions at Road L9 within Part 1	18	10-Dec-22	03-Jan-23	16-Nov-22	06-Dec-22	-21							
	Allowable time frame for UU undertakings to install ducts/pits/chambers at Poad L9 within Part 1 (non-XP area)	26	04-Jan-23		07-Dec-22	09-Jan-23	-21	{			· · · · · · · · · · · · · · · · · · ·			
KTD.L9.1080			1 10 10 10 10 10 10	(01-Feb-23	-21					1		
KTD.L9.1090	Backfill and compact to roadwork formation level at Road L9 within Part 1	18	06-Feb-23						·····	·····	·		·	
KTD.L9.1100	Construct road kerb and planter at Road L9 within Part 1	26	27-Feb-23			03-Mar-23	-21							-
KTD.L9.1110	Backfill and compact sub-base material for road work at Road L9 within Part 1	39	29-Mar-23			22-Apr-23	-21							
KTD.L9.1120	Construct carriageway pavement (Bitumen pavement) at Road L9 within Part 1	52	19-May-23	21-Jul-23	24-Apr-23	26-Jun-23	-21					1		-
KTD.L9.1130	Lay paving blocks for pedestrian access at Road L9 within Part 1	78	22-Jul-23	24-Oct-23	27-Jun-23	26-Sep-23	-21							
KTD.L9.1140	Planned completion of underground utilities and roadworks at Road L9 within Part 1 (non-XP area, related to Section 1)	0		24-Oct-23		26-Sep-23	-28							
	OF UNDERGROUND UTILITIES AND ROADWORKS AT JUNCTION OF L9 & OLYMPIC AVENUE W/IN PART 1	322	04-Feb-22	04-Mar-23	25-Oct-21	10-Oct-22	-120						1-1-	-
KTD.L9.2000	Implement TTA for construct preliminary works for Olympic Avenue roundabout closure	3	04-Feb-22	07-Feb-22	25-Oct-21	27-Oct-21	-82				11	1	1	
KTD.L9.2010	Preliminary works for Olympic Avenue roundabout closure (incl demolish central divider, construct pavement and marking)	26	08-Feb-22			26-Nov-21	-82					1		1
	TTA diversion for MTR SWT Station EVA (Stage 2, divert to Sung Wong Toi Road and Crowd Dispersal Route)	0		27-Apr-22		26-Nov-21	-120	iiii	·····		V			
KTD.L9.2020			29 4 00		27 Nov 04							1		1
KTD.L9.2030	Setup and implement TTA for Olympic Avenue roundabout closure	6	28-Apr-22		27-Nov-21	03-Dec-21							·····	
KTD.L9.2040	UU detection and trial pit excavation	7	06-May-22			11-Dec-21	-120							
KTD.L9.2050	Excavate and construct stormwater drainage from SMH1026 to SMH1042	42	16-May-22		13-Dec-21	05-Feb-22			l		l			
KTD.L9.2060	Excavate and construct sewerage from 2A8_1 to FMH23_2	29	06-Jul-22	08-Aug-22	07-Feb-22	11-Mar-22	-120						1	
KTD.L9.2070	Excavate and construct FWM/SWM from CHB50 to CHB0 and CHA450 to CHA360 and associated tees with chambers	28	09-Aug-22	09-Sep-22	12-Mar-22	14-Apr-22	-120						1	
	Excavate and install irregation pipeline at Junction of Road L9 & Olympic Avenue within Part 1	15	10-Sep-22		19-Apr-22	06-May-22	-120				1	1	4	
KTD.L9.2080	Install and construct gully and associated drain pipes at Junction of Road L9 & Olypmic Avenue within Part 1	21	29-Sep-22				-120							
KTD.L9.2080		21	29-Sep-22				-120				· • · · · · ·	····		
KTD.L9.2090	Install and construct road lighting and drawpits civil provisions at Junction of Road L9 & Olympic Avenue within Part 1											1		1
KTD.L9.2090 KTD.L9.2100	All 11 March 12 March	29	26-Oct-22			07-Jul-22	-120						-	
KTD.L9.2090 KTD.L9.2100 KTD.L9.2110	Allowable time frame for UU undertakings to install ducts/pits/chambers at Junction of L9 & Olympic Avenue w/in Part 1	21	29-Nov-22			01-Aug-22	-120					1		
KTD.L9.2090 KTD.L9.2100 KTD.L9.2110 KTD.L9.2120	Backfill and compact to formation level for roadworks at Junction of Road L9 & Olympic Avenue within Part 1			19-Jan-23	02-Aug-22	25-Aug-22			l.					
KTD.L9.2090 KTD.L9.2100 KTD.L9.2110		21	23-Dec-22	12.002.00										
KTD.L9.2090 KTD.L9.2100 KTD.L9.2110 KTD.L9.2120	Backfill and compact to formation level for roadworks at Junction of Road L9 & Olympic Avenue within Part 1		23-Dec-22 20-Jan-23	12.002.00	26-Aug-22	13-Sep-22	-120					1		
KTD.L9.2090 KTD.L9.2100 KTD.L9.2110 KTD.L9.2120 KTD.L9.2130	Backfill and compact to formation level for roadworks at Junction of Road L9 & Olympic Avenue within Part 1 Construct road kerb, central divider and planter at Junction of Road L9 & Olympic Avenue within Part 1	21		12.002.00	26-Aug-22	13-Sep-22	-120							
KTD.L9.2090 KTD.L9.2100 KTD.L9.2110 KTD.L9.2120 KTD.L9.2130 KTD.L9.2140	Backfill and compact to formation level for roadworks at Junction of Poad L9 & Olympic Avenue within Part 1 Construct road kerb, central divider and planter at Junction of Poad L9 & Olympic Avenue within Part 1 Backfill and compact sub-base material for road work at Junction of Poad L9 & Olympic Avenue within Part 1	21		12.002.00	26-Aug-22		-120					1		
KTD.L9.2090 KTD.L9.2100 KTD.L9.2110 KTD.L9.2120 KTD.L9.2130 KTD.L9.2140	Backfill and compact to formation level for roadworks at Junction of Road L9 & Olympic Avenue within Part 1 Construct road kerb, central divider and planter at Junction of Road L9 & Olympic Avenue within Part 1 Backfill and compact sub-base material for road work at Junction of Road L9 & Olympic Avenue within Part 1 Planned Work	21 15	20-Jan-23	08-Feb-23		Re	ev. 48			Next	<u> </u>		<u> </u>	27-
KTD.L9.2090 KTD.L9.2100 KTD.L9.2110 KTD.L9.2120 KTD.L9.2130 KTD.L9.2140	Backfill and compact to formation level for roadworks at Junction of Road L9 & Olympic Avenue within Part 1 Construct road kerb, central divider and planter at Junction of Road L9 & Olympic Avenue within Part 1 Backfill and compact sub-base material for road work at Junction of Road L9 & Olympic Avenue within Part 1 Planned Work	21 15	20-Jan-23	08-Feb-23		Re	ev. 48	Works at the Fo	ormer	North	Apron A	Irea		27-
KTD.L9.2090 KTD.L9.2100 KTD.L9.2110 KTD.L9.2120 KTD.L9.2130	Backfill and compact to formation level for roadworks at Junction of Road L9 & Olympic Avenue within Part 1 Construct road kerb, central divider and planter at Junction of Road L9 & Olympic Avenue within Part 1 Backfill and compact sub-base material for road work at Junction of Road L9 & Olympic Avenue within Part 1 Planned Work Te Summary ED/2018/05 Ka	21 15	20-Jan-23	08-Feb-23	Stage 5	Re 5B Infra	ev. 48	Works at the Fo	ormer	North	Apron A	\rea		

JFM	20	24			20	25			2026	
JFM	AMJ	JAS	OND	JFM	AMJ	JAS	OND	JFM	AMJ	JAS
						•••••				******
				-						
-										
						•••••				
·										
					ļ			 		
						•••••				
					·					
					[
								ļ		
					ļ					
ļļ					ļ			ļ		
								1		
		evision				ecked		Ap	proved	k
Works	Progr	amme	Э		HL			۱L		
Works	Progr	amme	Э		HL			RL	_	
Works	Progr	amme	Э		HL		F	۲L		

KTD.L9.2150		Dur (d)	Early Start	Finish	Late Start		Float		JASOND JFMAMJJASOND JFMAMJJAS	
	Construct carriageway pavement (Bitumen pavement) at Junction of Road L9 & Olympic Avenue within Part 1	21	09-Feb-23	04-Mar-23	14-Sep-22	10-Oct-22		1		
	NDERGROUND UTILITIES AND ROADWORKS AT OLYMPIC AVENUE WITHIN PART 1 (XP AREA)	288	06-Mar-23		11-Oct-22	26-Sep-23				
KTD.OLY.2000	Implement TTA for storm water drainage works at Oly Ave E/B and W/B (Phase 1) and UU detection	5	06-Mar-23	10-Mar-23	11-Oct-22	15-Oct-22	1.55552	1		
KTD.OLY.2010	Excavate and construct stormwater drainage from SMH1035 to SMH1031 and SMH1042 to SMH100B and associated drain	21	11-Mar-23	04-Apr-23	17-Oct-22	09-Nov-22		1		
KTD.OLY.2020	Install and construct gully and associated drain pipes at Oly Ave E/B and W/B (Phase 1)	11	06-Apr-23	21-Apr-23	10-Nov-22	22-Nov-22		1		
KTD.OLY.2030	Construct road kerb and central divider at Oly Ave E/B and W/B (Phase 1)	13	22-Apr-23	08-May-23	23-Nov-22	07-Dec-22		1		
KTD.OLY.2040	Construct carriageway pavement (Bitumen pavement) at Oly Ave E/B and W/B (Phase 1)	21	09-May-23		08-Dec-22	04-Jan-23	-120	1		
KTD.OLY.2050	Remove TTA and implement TTA for stormwater drainage works at Oly Ave E/B and W/B (Phase 2) and UU detection	6	03-Jun-23	09-Jun-23	05-Jan-23	11-Jan-23	-120	1		
KTD.OLY.2060	Excavate and cosntruct stormwater drainage from SMH1031 to SMH1030A and SMH100B to SMH100 and associated drain	21	10-Jun-23	06-Jul-23	12-Jan-23	07-Feb-23	-120	1		
KTD.OLY.2070	hstall and construct gully and associated drain pipes at Oly Ave E/B and W/B (Phase 2)	11	07-Jul-23	19-Jul-23	08-Feb-23	20-Feb-23		1		
KTD.OLY.2080	Construct road kerb and central divider at Oly Ave E/B and W/B (Phase 2)	13	20-Jul-23	03-Aug-23	21-Feb-23	07-Mar-23		1		
KTD.OLY.2090	Construct carriageway pavement (Bitumen pavement) at Oly Ave E/B and W/B (Phase 2)	21	04-Aug-23	28-Aug-23	08-Mar-23	31-Mar-23	-120	1		
KTD.OLY.2100	Remove TTA and implement TTA for FWM/SWM at Oly Ave W/B (Phase 3) and UU detection	6	29-Aug-23	04-Sep-23	01-Apr-23	12-Apr-23	-120	1		
KTD.OLY.2110	Excavate and construct FWM/SWM from CHA360 to CHA300 and assocated tees with chambers	15	05-Sep-23	21-Sep-23	13-Apr-23	29-Apr-23	-120	1		
KTD.OLY.2120	Backfill and construct carriageway pavement (Bitumen pavement) at Oly Ave W/B (Phase 3)	13	22-Sep-23	09-Oct-23	02-May-23	16-May-23	-120	1		
KTD.OLY.2130	Remove TTA and implement TTA for FWM/SWM at Oly Ave W/B and E/B (Phase 4) and UU detection	6	10-Oct-23	16-Oct-23	17-May-23	23-May-23	-120	1		
KTD,OLY,2140	Excavate and construct FWM/SWM from CHA300 to CHA100 and associated tees with chambers	21	17-Oct-23	10-Nov-23	24-May-23	17-Jun-23	-120	1		
KTD.OLY.2150	Backfill and construct carriageway pavement (Bitumen pavement) at Oly Ave W/B and E/B (Phase 4)	19	11-Nov-23	02-Dec-23	19-Jun-23	12-Jul-23	-120	1		
KTD.OLY.2160	Remove TTA and implement TTA for FWM/SWM at Sung Wong Toi Road S/B (Phase 5) and UU detection	6	04-Dec-23	09-Dec-23	13-Jul-23	19-Jul-23	-120	1		
KTD.OLY.2170	Excavate and construct FWM/SWM from CHA100 to CHA0 and associated tees with chambers	21	11-Dec-23	06-Jan-24	20-Jul-23	12-Aug-23	-120	1		
KTD.OLY.2180	FWM/SWM pipeline washing and testing for connection	11	08-Jan-24	19-Jan-24	14-Aug-23	25-Aug-23	-120	1		
KTD.OLY.2190	Backfill and construct carriageway pavement (Bitumen pavement) at Sung Wong Toi Road S/B (Phase 5)	21	20-Jan-24	15-Feb-24	26-Aug-23	19-Sep-23	-120	1		
KTD.OLY.2200	Site clearance and remove TTA to resume traffic	6	16-Feb-24	22-Feb-24	20-Sep-23	26-Sep-23	-120	1		
KTD.OLY.2210	Planned completion of underground utilities and roadworks at Olympic Avenue within Part 1 (related to Section 1)	0		22-Feb-24		26-Sep-23		2		
	EDESTRIAN ACCESS FROM L9 TO OLYMPIC AVENUE WITHIN PART 1 (XP AREA)	330	29-Nov-22		19-Aug-22	26-Sep-23				V
KTD.OLY.2220	Demolish and remove site hoarding from Road L9 to Olympic Avenue within Part 1	15	29-Nov-22	15-Dec-22	19-Aug-22	05-Sep-22		1		
KTD.OLY.2230	Site clearance and relocate construction material stockpile at Storage Yard	15	16-Dec-22	05-Jan-23	06-Sep-22	23-Sep-22		1		i
KTD.OLY.2240	Excavate and construct u-channels and connect to stormwater drainage system	29	06-Jan-23	10-Feb-23	24-Sep-22	29-Oct-22	-84	1		
KTD.OLY.2250	Install and construct road lighting and drawpits civil provisions from Road L9 to Olympic Avenue within Part 1	21	11-Feb-23	07-Mar-23	31-Oct-22	23-Nov-22		1		
KTD.OLY.2260	Allowable time frame for UU undertakings to install ducts/pits/chambers from Road L9 to Olympic Avenue within Part 1	29	08-Mar-23	14-Apr-23	24-Nov-22	29-Dec-22		1		
KTD.OLY.2270	Backfill and compact to formation level for road works	29	15-Apr-23	19-May-23	30-Dec-22	04-Feb-23	-84	1		
KTD.OLY.2280	Backfill and compact to formation level for load works	29	20-May-23		06-Feb-23	10-Mar-23	- 33	1		
KTD.OLY.2290	Lay paving blocks for pedestrian access from Road L9 to Olympic Avenue within Part 1	42	26-Jun-23	14-Aug-23	11-Mar-23	04-May-23		1		
	Implement TTA for closing existing pedestrian access from Road L9 to Olympic evenue within Part 1 and divert to new access	42	15-Aug-23	18-Aug-23	05-May-23	09-May-23	-	1		
KTD.OLY.2300		21	19-Aug-23	12-Sep-23	10-May-23	03-Jun-23	-84	1		
KTD.OLY.2310	Remove existing paving blocks, excavate and install irregation pipeline from Road L9 to Olympic Avenue within Part 1	29		12-Sep-23	05-Jun-23	10-Jul-23	-84	1		
KTD.OLY.2320	Construct road kerb and planter fm Road L9 to Olympic Avenue within Part 1	29	13-Sep-23 19-Oct-23	22-Nov-23	11-Jul-23	12-Aug-23	-84	1		
KTD.OLY.2330	Laying paving blocks for pedestrian access fm Road L9 to Olympic Avenue within Part 1	38	23-Nov-23		14-Aug-23	26-Sep-23		1		
KTD.OLY.2340 KTD.OLY.2350	hstall road fumitures, road markings and landscaping works from Road L9 to Olympic Avenue within Part 1 Planned completion of pedestrian access from Road L9 to Olympic Avenue within Part 1 (XP area, related to Section 1)	0	20-1404-20	09-Jan-24	14710920	26-Sep-23	100	2		
SECTION 3A		274	03-May-23	the second se	03-May-23	02-Apr-24	0	1		
KTD.D1.1000	Site clearance, haul road diversion, formation and fence off working area	8	03-May-23		03-May-23	11-May-23		1		
KTD.D1.1001.K1.1	Chamber K1 Trial Pit Excavation	12	12-Way-23	25-May-23	12-May-23	25-May-23 28-Jul-23	0	-		
KTD.D1.1001.K1.2	Chamber K1 Modification Works		27 May 22	20 1122	27 May 22		0			
		10	27-May-23		27-May-23					
KTD.D1.1001.K1.3	Chamber K1 Backfilling Works	10	29-Jul-23	09-Aug-23	29-Jul-23	09-Aug-23	-	1		
KTD.D1.1010	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies	40	29-Jul-23 10-Aug-23	09-Aug-23 25-Sep-23	29-Jul-23 10-Aug-23	09-Aug-23 25-Sep-23	0	1		
KTD.D1.1010 KTD.D1.1050	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works	40 22	29-Jul-23 10-Aug-23 30-Jan-24	09-Aug-23 25-Sep-23 26-Feb-24	29-Jul-23 10-Aug-23 30-Jan-24	09-Aug-23 25-Sep-23 26-Feb-24	0	1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies	40 22 28	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24	0	1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated guilles Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works	40 22 28 102	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24	0 0 0 0	1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMIH1023 to SMIH1021 and associated guilles Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles	40 22 28 102 42	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23	0 0 0 0	1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies	40 22 28 102 42 30	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23	0 0 0 0 0 0	1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMIH1023 to SMIH1021 and associated guilles Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles	40 22 28 102 42 30 30	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24	0 0 0 0 0 0 0	1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies	40 22 28 102 42 30 30 30 395	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24	0 0 0 0 0 0 0 0	1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF POSECTION 3A	Chamber K1 Backfilling Works Excavate and construct stomwater drain from SMIH1023 to SMIH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stomwater drain from SMIH1054 to SMIH1051 and associated gullies Excavate and construct stomwater drain from SMIH1054 to SMIH1051 and associated gullies Excavate and construct sewerage from RMH25_1 to FMIH25_2a Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396)	40 22 28 102 42 30 30 30 395 395	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24	0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000	Chamber K1 Backfilling Works Excavate and construct stomwater drain from SMIH1023 to SMIH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stomwater drain from SMIH1054 to SMIH1051 and associated gullies Excavate and construct stomwater drain from SMIH1054 to SMIH1051 and associated gullies Excavate and construct sewerage from RM-P25_1 to FMIH25_2a Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area	40 22 28 102 42 30 30 395 395 16	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23	0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001.AVC2.1	Chamber K1 Backfilling Works Excavate and construct stomwater drain from SMIH1023 to SMIH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stomwater drain from SMIH1054 to SMIH1051 and associated gullies Excavate and construct sewerage from RMH25_1 to FMIH25_2a Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works	40 22 28 102 42 30 30 395 395 16 20	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23	0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000	Chamber K1 Backfilling Works Excavate and construct stomwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stomwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct sewerage from RMH25_1 to FMH25_2a Excavate and construct FWWSWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works	40 22 28 102 42 30 30 395 395 16 20 84	29-Jul+23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001.AVC2.1	Chamber K1 Backfilling Works Excavate and construct stomwater drain from SMIH1023 to SMIH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stomwater drain from SMIH1054 to SMIH1051 and associated gullies Excavate and construct sewerage from RMH25_1 to FMIH25_2a Excavate and construct FWWSWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Modification Works	40 22 28 102 42 30 300 395 395 16 20 84 20	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001.AVC2.1 KTD.D1.2001.AVC2.2	Chamber K1 Backfilling Works Excavate and construct stomwater drain from SMIH1023 to SMIH1021 and associated guilles Backfill and construct stomwater drain from SMIH1023 to SMIH1021 and associated guilles Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stomwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stomwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stomwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct sewerage from RM-P25_1 to FMI+25_2a Excavate and construct FWWSWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works	40 22 28 102 42 30 30 395 395 16 20 84	29-Jul+23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001.4VC2.1 KTD.D1.2001.4VC2.2 KTD.D1.2001.4VC2.3	Chamber K1 Backfilling Works Excavate and construct stomwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct stomwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stomwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct sewerage from FMH25_1 to FMH25_2a Excavate and construct FWWSWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works I Chamber AVC2 Excavation Works	40 22 28 102 42 30 300 395 395 16 20 84 20	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 20-Jul-23 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23 05-Sep-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001_AVC2.1 KTD.D1.2001_AVC2.2 KTD.D1.2001_AVC2.3 KTD.D1.2001_AVC2.3 KTD.D1.2001_AVC2.4	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMIH1023 to SMIH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated gullies Excavate and construct sewerage from FMIH25_1 to FMIH25_2a Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works I Chamber WCC1 Excavation Works Chamber WCC1 Modification Works	40 22 28 102 42 30 30 395 395 16 20 84 20 20	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 18-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 20-Jul-23 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23 05-Sep-23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001_AVC2.1 KTD.D1.2001_AVC2.2 KTD.D1.2001_AVC2.3 KTD.D1.2001_AVC2.1 KTD.D1.2001_AVC2.3 KTD.D1.2001_WCC1.3	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMIH1023 to SMIH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated gullies Excavate and construct sewerage from FMI+25_1 to FMI+25_2a Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works I Chamber AVC2 Backfilling Works Chamber WOC1 Excavation Works Chamber WOC1 Modification Works	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 18-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 20-Jul-23 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 18-Nov-23 29-Jan-24 18-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23 05-Sep-23 15-Dec-23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2000 KTD.D1.2001.AVC2.2 KTD.D1.2001.AVC2.2 KTD.D1.2001.AVC2.3 KTD.D1.2001.WCC1.3 KTD.D1.2001.WCC1.3	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMIH1023 to SMIH1021 and associated guilles Backfill and construct toom kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct Stormwater drain from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber WOC1 Excavation Works Chamber WOC1 Modification Works Chamber WOC1 Modification Works Chamber WOC1 Backfilling Works	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 15	29-Jul-23 10-Aug-23 30-Jan-24 26-Sep-23 26-Sep-23 22-Dec-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 15-Dec-23 05-Jan-24 11-Mar-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 16-Nov-23 29-Jan-24 18-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23 05-Sep-23 15-Deo-23 05-Jan-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1050 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001.4VC2.1 KTD.D1.2001.4VC2.2 KTD.D1.2001.4VC2.3 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.5 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.5	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMIH1023 to SMIH1021 and associated guilles Backfill and construct torad kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber WOC1 Modification Works Chamber WOC1 Modification Works Chamber WOC1 Backfilling Works Chamber WOC1	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 15 54	29-Jul-23 10-Aug-23 30-Jan-24 26-Sep-23 26-Sep-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-2 13-Mar-23 06-Apr-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23 15-Dec-23 05-Jan-24 11-Mar-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1050 SECTION 3B KTD.D1.1020 KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001 AVC2.1 KTD.D1.2001 AVC2.2 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2010 KTD.D1.2010 KTD.D1.2020 KTD.D1.2030	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMIH1023 to SMIH1021 and associated guilles Backfill and construct torad kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Modification Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Excavate and construct road kerb/central divider from Road D1 E/B CH230 to CH396	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 15 54 46	29-Jul-23 10-Aug-23 30-Jan-24 26-Sep-23 26-Sep-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 12-Mar-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 12-Mar-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1050 SECTION 3B KTD.D1.1020 KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001 AVC2.1 KTD.D1.2001 AVC2.2 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2001 AVC2.3 KTD.D1.2010 KTD.D1.2010 KTD.D1.2020 KTD.D1.2030	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMIH1023 to SMIH1021 and associated guilles Backfill and construct torad kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and construct stormwater drain from SMIH1024 to SMIH1021 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber WOC1 Excavation Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Excavate and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backfill and compact sub-base from Road D1 E/B CH230 to CH396 Backfill and compact sub-base from Road D1 E/B CH230 to CH396	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 54 46 36	29-Jul-23 10-Aug-23 30-Jan-24 26-Sep-23 26-Sep-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 11-Mar-24 09-May-24 22-Jun-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2001 KTD.D1.2010 KTD.D1.2020 KTD.D1.2030 CONSTRUCTION OF P	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMIH1023 to SMIH1021 and associated guilles Backfill and construct torad kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and construct stormwater drain from SMIH1024 to SMIH1021 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from SMIH1054 to SMIH1051 and associated guilles Excavate and construct stormwater drain from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber WOC1 Excavation Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Excavate and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backfill and compact sub-base from Road D1 E/B CH230 to CH396 Backfill and compact sub-base from Road D1 E/B CH230 to CH396	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 15 54 46 36 142	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 15-Aug-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24 10-Oct-23 10-Oct-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2001 KTD.D1.2010 KTD.D1.2020 KTD.D1.2030 CONSTRUCTION OF P SECTION 3B	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct tormwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct tore kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Modification Works Chamber AVC2 Backfilling Works Chamber WOC1 Excavation Works Chamber WOC1 Modification Works Chamber WOC1 Backfilling Works Excavate and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 DOTTON 3 (ROAD D1 W/B CH230 TO CH300)	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 15 54 46 36 142 142	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 21-Jul-23 06-Apr-23 21-Jul-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24 22-Feb-23 22-Feb-23 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 15-Aug-23 25-Feb-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24 10-Oct-23 10-Oct-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23 05-Sep-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 02-Apr-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2001_AVC2.1 KTD.D1.2001_AVC2.2 KTD.D1.2001_AVC2.3 KTD.D1.2001_AVC2.4 KTD.D1.2001_AVC2.4 KTD.D1.2001_VCC1.4 KTD.D1.2001_VCC1.4 KTD.D1.2010_VCC1.4 KTD.D1.2020_VCC1.4 KTD.D1.2030 CONSTRUCTION OF P SECTION 3B KTD.D1.3000	Chamber K1 Backfilling Works Excavate and construct stomwater drain from SMI1023 to SMI1021 and associated gullies Backfill and construct stomwater drain from SMI1023 to SMI1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stomwater drain from SMI1054 to SMI1051 and associated gullies Excavate and construct stomwater drain from SMI1054 to SMI1051 and associated gullies Excavate and construct stomwater drain from SMI1054 to SMI1051 and associated gullies Excavate and construct stomwater drain from SMI1054 to SMI1051 and associated gullies Excavate and construct stomwater drain from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber WOC1 Excavation Works Chamber WOC1 Backfilling Works Excavate and construct stomwater drain from SMI1101B to SMI1201C Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 CORTION 3 (ROAD D1 W/B CH230 TO CH300) Site clearance, haul road diversion, formation and fence off working area	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 15 54 46 36 142 142 142 4	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 21-Jul-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 05-Jan-24 11-Mar-24 22-Jun-24 15-Aug-23 25-Feb-23 28-Mar-23 28-Mar-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 16-Dec-23 10-Oct-23 10-Oct-23 10-Oct-23 14-Oct-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23 15-Dec-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 02-Apr-24 02-Apr-24 13-Oct-23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2001 KTD.D1.2010 KTD.D1.2020 KTD.D1.2030 CONSTRUCTION OF P SECTION 3B KTD.D1.3000 KTD.D1.3000	Chamber K1 Backfilling Works Excavate and construct stomwater drain from SMI+1023 to SMI+1021 and associated guilles Backfill and construct tore kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stomwater drain from SMI+1054 to SMI+1051 and associated guilles Excavate and construct stomwater drain from SMI+1054 to SMI+1051 and associated guilles Excavate and construct stomwater drain from SMI+1054 to SMI+1051 and associated guilles Excavate and construct stomwater drain from SMI+1054 to SMI+1051 and associated guilles Excavate and construct stomwater drain from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber WOC1 Excavation Works Chamber WOC1 Backfilling Works Excavate and construct stomwater drain from SMI+1101B to SMI+1201C Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 ORTION 3 (ROAD D1 W/B CH230 TO CH300) Site clearance, haul road diversion, formation and fence off working area Excavate and construct stomwater drain from SMI+1101B to SMI+1201C Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 ORTION 3 (ROAD D1 W/B CH230 TO CH300)	40 22 28 102 42 30 30 395 395 16 20 84 20 84 20 20 84 15 54 46 36 142 142 4 26	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 21-Jul-23 06-Apr-23 21-Jul-23 06-Sep-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 12-Aug-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 15-Aug-23 25-Feb-23 28-Mar-23 08-May-23 08-May-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 16-Dec-23 10-Oct-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Apr-23 15-De-23 15-De-23 15-De-23 15-De-23 15-De-24 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 02-Apr-24 13-Oct-23 14-Nov-23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2001.AVC2.1 KTD.D1.2001.AVC2.2 KTD.D1.2001.AVC2.3 KTD.D1.2001.AVC2.3 KTD.D1.2001.AVC2.4 KTD.D1.2001.AVC2.5 KTD.D1.2001.WCC1.3 KTD.D1.2010 KTD.D1.2010 KTD.D1.2010 KTD.D1.2010 KTD.D1.2030 CONSTRUCTION OF P SECTION 3B KTD.D1.3000 KTD.D1.3010 KTD.D1.3010	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMI+1023 to SMI+1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMI+1054 to SMI+1051 and associated gullies Excavate and construct stormwater drain from SMI+1054 to SMI+1051 and associated gullies Excavate and construct sewerage from FMI+25_1 to FMI+25_2a Excavate and construct FWWSWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Modification Works Chamber WOC1 Modification Works Excavate and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backlill and compact sub-base from Road D1 E/B CH230 to CH396 Backlill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backlill and compact sub-base from Road D1 E/B CH230 to CH396 Backlill and compact sub-base from Road D1 E/B CH230 to CH396 Site clearance, haul road diversion, formation and fence off working area Chamber WOC1 Modification Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfill	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 15 54 46 36 142 142 44 26 37	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Jan-24 12-Mar-24 22-Feb-23 22-Feb-24 22-Feb-24 22-Feb-25 22-Feb-25 23-Feb-25 22-Feb-25 22-Feb-25 23-Feb-25 22-Feb	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 29-Jan-24 29-Jan-24 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 06-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 25-Feb-23 28-Mar-23 08-May-23 28-Mar-23 08-May-23 22-May-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 16-Dec-23 10-Oct-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 13-Oct-23 14-Nov-23 19-Dec-23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2001_AVC2.1 KTD.D1.2001_AVC2.2 KTD.D1.2001_AVC2.3 KTD.D1.2001_AVC2.4 KTD.D1.2001_AVC2.4 KTD.D1.2001_AVC2.1 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2000 KTD.D1.2001_WCC1.3 KTD.D1.2000 KTD.D1.2001_WCC1.3 KTD.D1.2000 KTD.D1.2000 KTD.D1.2000 KTD.D1.3000 KTD.D1.3010 KTD.D1.3010 KTD.D1.3020	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct sewerage from FMH25_1 to FMH25_2a Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Excavate and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backlill and compact sub-base from Road D1 E/B CH230 to CH396 Backlill and construct stormwater drain from SMH1101B to SMH1201C Backfilling works Chamber AVC2 Backfilling Works Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and compact sub-base from Road D1 E/B CH230 to CH396 Backlill and compact sub-base from Road D1 E/B CH230 to CH396 Ste clearance, haul road diversion, formation and fence off working area Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct tod kerb/central divider from Road D1 E/B CH230 to CH396 Backlill and construct stormwater drain from SMH1101B to SMH1123 and associated gullies Excavate and construct stormwater drain from SMH1101 to SMH1123 and associated gullies Excavate and construct stormwater drain from SMH1101 to SMH1123 and associated gullies Excavate and construct stormwater drain from SMH1101 to SMH1107 and associated gullies Excavate and construct stormwater drain from SMH1101 to SMH1107 and associated gullies Excavate and construct stormwater drain from SMH11	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 15 54 84 15 54 46 36 142 142 42 6 37	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 16-Dec-23 06-Jan-24 12-Mar-24 22-Feb-23 22-Feb-24 22-Feb-24 22-Feb-25 22-Feb-25 22-Feb-25 22-Feb-26 23 22-Feb-26 23 22-Feb-26 23 22-Feb-26 24-Feb-	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 25-Feb-23 28-Mar-23 08-May-23 25-Feb-23 28-Mar-23 08-May-23 22-May-23 23-Jun-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 21-Jul-23 14-Aug-23 06-Apr-23 16-Dec-23 16-Dec-23 10-Oct-24 10-Oct-24 10-Oct-24 10-Oct-24 10-Oct-25	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 18-Nov-23 29-Jan-24 18-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 20-Jul-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 02-Apr-24 13-Oct-23 14-Nov-23 19-Dec-23 05-Jan-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001_AVC2.1 KTD.D1.2001_AVC2.2 KTD.D1.2001_AVC2.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2000 KTD.D1.3000 KTD.D1.3010 KTD.D1.3010 KTD.D1.3030 KTD.D1.3030	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct toom kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 DORTION 3 (ROAD D1 W/B CH230 TO CH300) Site clearance, haul road diversion, formation and fence off working area Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 DORTION 3 (ROAD D1 W/B CH230 TO CH300) Site clearance, haul road diversion, formation and fence off working area Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and compact sub-base from Road D1 E/B CH230 to CH396 DORTION 3 (ROAD D1 W/B CH230 TO CH300) Site clearance, haul road diversion, formation and fence off working area Excavate and construct stormwater drain from SMH1101B to SMH1123 and associated gullies Excavate and construct stormwater drain from SMH1101 to SMH1123 and associated gullies Excavate and construct stormwater drain from SMH1101 to SMH1123 and associated gullies Excavate and construct stormwater drain from SMH1101 to SM	40 22 28 102 42 30 30 395 395 20 84 20 20 84 20 20 84 15 54 46 36 142 142 142 4 26 37 12 26	29-Jul+23 10-Aug-23 30-Jan-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul+23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24 22-Feb-23 22-Feb-24 22-Feb-24 22-Feb-25 22-Feb-25 22-Feb-25 22-Feb-25 22-Feb-25 22-Feb-26 23 22-Feb-26 23 22-Feb-26 23 22-Feb-26 24-Feb-26 24-Feb-26 24-Feb-26 24-Feb-26 24-Feb-27 24-Feb-	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 18-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 25-Feb-23 26-Feb-23 26-Feb-23 26-Feb-23 26-Feb-23 26-Feb-23 28-Mar-23 08-May-23 22-Jun-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 10-May-24 10-May-24 10-May-24 10-Oct-23 10-Oct-23 14-Oct-23 14-Oct-23 06-Jan-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 16-Nov-23 29-Jan-24 18-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Sep-23 15-Deo-23 05-Jan-24 11-Mar-24 02-Apr-24 02-Apr-24 02-Apr-24 13-Oct-23 19-Deo-23 05-Jan-24 05-Feb-24 08-Mar-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001_AVC2.1 KTD.D1.2001_AVC2.2 KTD.D1.2001_AVC2.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2001_WCC1.3 KTD.D1.2000 KTD.D1.3000 KTD.D1.3010 KTD.D1.3010 KTD.D1.3030 KTD.D1.3030	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated gullies Backfill and construct toom kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated gullies Excavate and construct FWW/SWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 DORTION 3 (ROAD D1 W/B CH230 TO CH300) Site clearance, haul road diversion, formation and fence off working area Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 DORTION 3 (ROAD D1 W/B CH230 TO CH300) Site clearance, haul road diversion, formation and fence off working area Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and compact sub-base from Road D1 E/B CH230 to CH396 DORTION 3 (ROAD D1 W/B CH230 TO CH300) Site clearance, haul road diversion, formation and fence off working area Excavate and construct stormwater drain from SMH1101B to SMH1123 and associated gullies Excavate and construct stormwater drain from SMH1101 to SMH1123 and associated gullies Excavate and construct stormwater drain from SMH1101 to SMH1123 and associated gullies Excavate and construct stormwater drain from SMH1101 to SM	40 22 28 102 42 30 30 395 395 20 84 20 20 84 20 20 84 15 54 46 36 142 142 142 4 26 37 12 26	29-Jul+23 10-Aug-23 30-Jan-24 26-Sep-23 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul+23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 12-Mar-24 10-May-24 22-Feb-23 22-Feb-24 22-Feb-24 22-Feb-25 22-Feb-25 22-Feb-25 22-Feb-25 22-Feb-25 22-Feb-26 23 22-Feb-26 23 22-Feb-26 23 22-Feb-26 24-Feb-26 24-Feb-26 24-Feb-26 24-Feb-26 24-Feb-27 24-Feb-	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 18-Nov-23 21-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 25-Feb-23 26-Feb-23 26-Feb-23 26-Feb-23 26-Feb-23 26-Feb-23 28-Mar-23 08-May-23 22-Jun-24	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 10-May-24 10-May-24 10-May-24 10-Oct-23 10-Oct-23 14-Oct-23 14-Oct-23 06-Jan-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 16-Nov-23 29-Jan-24 18-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 05-Sep-23 15-Deo-23 05-Jan-24 11-Mar-24 02-Apr-24 02-Apr-24 02-Apr-24 13-Oct-23 19-Deo-23 05-Jan-24 05-Feb-24 08-Mar-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
KTD.D1.1010 KTD.D1.1050 KTD.D1.1060 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2001 KTD.D1.2000 KTD.D1.2000 KTD.D1.2030 CONSTRUCTION OF P SECTION 3B KTD.D1.3000 KTD.D1.3020 KTD.D1.3030 KTD.D1.3040 KTD.D1.3040 KTD.D1.3050	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated guilles Backfill and construct road kerb/central divider from Road D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Road D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated guilles Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated guilles Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated guilles Excavate and construct stormwater drain from SMH25_1 to FMH25_2a Excavate and construct FWWSWM from CH450 to CH500 ORTION 2 (ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct road kerb/central divider from Road D1 E/B CH230 to CH396 Backfill and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct stormwater drain from SMH1101B to SMH1101B Site clearance, haul road diversion, formation and fence off working area Excavate and construct stormwater drain from SMH1101B to SMH1101 and associated guilles Excavate and construct stormwater drain from SMH1101B to SMH1101 and associated guilles Excavate and construct stormwater drain from SMH11021 to SMH1123 and associated guilles Excavate and construct stormwater drain from SMH11021 to SMH1107 and associated guilles Excavate and construct stormwater drain from SMH1101 to SMH1107 and associated guilles Excavate and construct stormwater drain from SMH1101 to SMH1107 and associated guilles Excavate and construct stormwater drain from SMH11011 to S	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 20 20 84 15 54 46 36 142 142 142 4 26 37 12 26 26	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 10-May-24 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 00-Apr-23 20-Jul-23 15-Dec-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 26-Feb-23 28-Mar-23 08-May-23 22-Jul-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 10-May-24 10-May-24 10-Oct-23 10-Oct-23 14-Oct-23 10-Oct-23 14-Oct-23 10-Oct-23 14-Oct-23 06-Jan-24 06-Feb-24	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 18-Nov-23 29-Jan-24 12-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 02-Apr-24 02-Apr-24 13-Oct-23 19-Dec-23 05-Jan-24 05-Feb-24 08-Mar-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Norks at the Former North Apron Area	
KTD.D1.1010 KTD.D1.1050 KTD.D1.1050 SECTION 3B KTD.D1.1020 KTD.D1.1030 KTD.D1.1030 KTD.D1.1030 KTD.D1.1040 CONSTRUCTION OF P SECTION 3A KTD.D1.2000 KTD.D1.2001.4VC2.1 KTD.D1.2001.4VC2.2 KTD.D1.2001.4VC2.3 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.3 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.3 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.3 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.5 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.4 KTD.D1.2001.4VC2.5 KTD.D1.2001.4VC2.5 KTD.D1.2001.4VC2.5 KTD.D1.2001.4VC2.5 KTD.D1.2001.4VC2.5 KTD.D1.2001.4VC2.5 KTD.D1.2001.4VC2.5 KTD.D1.2010 KTD.D1.2020 KTD.D1.3010 KTD.D1.3010 KTD.D1.3010 KTD.D1.3010	Chamber K1 Backfilling Works Excavate and construct stormwater drain from SMH1023 to SMH1021 and associated guilles Backfill and compact sub-base from Poad D1 E/B & W/B CH170 to CH230 for road works Backfill and compact sub-base from Poad D1 E/B & W/B CH170 to CH230 for road works Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated guilles Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated guilles Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated guilles Excavate and construct stormwater drain from SMH1054 to SMH1051 and associated guilles Excavate and construct Stormwater drain from SMH1054 to SMH1051 and associated guilles Excavate and construct ROAD D1 E/B CH230 TO CH396) Site clearance, haul road diversion, formation and fence off working area Chamber AVC2 Excavation Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber AVC2 Backfilling Works Chamber WOC1 Backfilling Works Chamber WOC1 Backfilling Works Excavate and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct stormwater drain from SMH1101B to SMH1201C Backfill and construct stormwater drain from SMH1101B to SMH1121 and associated guilies Excavate and construct stormwater drain from SMH1101B to SMH1123 and associated guilies Excavate and construct stormwater drain from SMH1101 to SMH1123 and associated guilies Excavate and construct stormwater drain from SMH1101 to SMH1123 and associated guilies Excavate and construct stormwater drain from SMH1021 to SMH1023 to CH390 Site clearance, haul road diversion, formation and ferce off working area Excavate and construct stormwater drain from SMH1021 to SMH1021 and associated guilies Excavate and construct stormwater drain from SMH1021 to SMH1023 and associated guilies Excavate and construct stormwater drain from SMH1021 to SMH1023 and associated guilies Excavate and construct stormwater drain from SMH1021 to SMH1023	40 22 28 102 42 30 30 395 395 16 20 84 20 20 84 20 20 84 15 54 46 36 142 142 142 4 26 37 12 26 26	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Dec-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 10-May-24 22-Feb-23	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 29-Jan-24 16-Nov-23 29-Jan-24 22-Jun-24 22-Jun-24 22-Jun-24 22-Jun-24 11-Mar-23 00-Apr-23 20-Jul-23 15-Dec-23 05-Sep-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 15-Aug-23 26-Feb-23 28-Mar-23 08-May-23 22-Jul-23	29-Jul-23 10-Aug-23 30-Jan-24 27-Feb-24 26-Sep-23 17-Nov-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 22-Feb-23 13-Mar-23 06-Apr-23 21-Jul-23 14-Aug-23 06-Sep-23 16-Dec-23 06-Jan-24 10-Oct-23 10-Oct-24 0-Feb-24 Oct-24 0-Feb-24 Oct-25 0-Sec-25 0-	09-Aug-23 25-Sep-23 26-Feb-24 02-Apr-24 18-Nov-23 29-Jan-24 12-Dec-23 29-Jan-24 22-Jun-24 22-Jun-24 11-Mar-23 04-Apr-23 15-Dec-23 05-Jan-24 11-Mar-24 09-May-24 22-Jun-24 02-Apr-24 02-Apr-24 13-Oct-23 19-Dec-23 05-Jan-24 05-Feb-24 08-Mar-24	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Norks at the Former North Apron Area	

	20	24			20	25		1	2026	
JFM	AMJ	JAS	OND	JFM	AMJ	JAS	OND	JFM	AMJ	JAB
								<i>.</i>		
								1		
								· · · · · ·	******	
								ļ		
						•••••		·		
								1		
						-				
		•••••						·}		
8										
▼							-			
								1		
								ļ		
								·		
1					-					
▼										
	,									
	/							1		
								ļ		
						•••••		•		
								ļ		
-										
-								·		
_										
								1		
								ļ		
								·		
								ļ		
_				·				·		
				[
				ļ						
				¦				1		
	ļ		l	ļ	ļ			ļ		
:			1		:		(1		
		evisior				ecked			prove	d
Works	Progr	amme	e		HL			RL		
Works	Progr	amme	9		HL			RL	_	
Works	Progr	amme	9		HL		JF	RL		

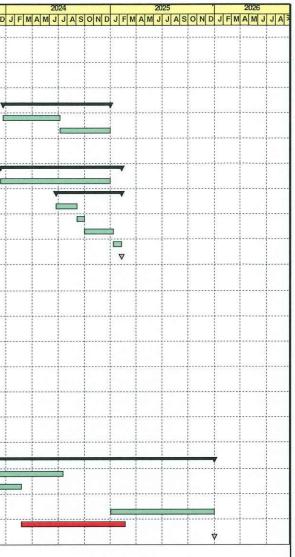
	Activity Name	Dur (d)	Early Star	t Early Finish	Late Start	Late Finish	Total Float	Calendar			2021	SOND		2022		2023
KTD.D1,3060	Backfill and compact sub-base from Road D1 W/B CH230 to CH300	18	26-Jul-23	and the second sec	09-Mar-24	02-Apr-24	a second as	1	JASUF	DJFM	INJJA	SUND		JASUI		
	PORTION 4 (ROAD D1 W/B CH300 TO CH396)	125	28-Apr-23	25-Sep-23	20-Dec-23	25-May-24	195	1								•
SECTION 3B		125	28-Apr-23	25-Sep-23	20-Dec-23	25-May-24		1								Y
KTD.D1.4000	Site clearance, haul road diversion, formation and fence off working area	4	28-Apr-23			23-Dec-23	195	1								1
KTD.D1.4010	Excavate and construct stormwater drain from SMH1108 to SMH1108A	12	04-May-23			10-Jan-24 09-Feb-24	195 195	1								
KTD.D1.4020 KTD.D1.4030	Excavate and construct stormwater drain from SMH1107 to 1271 and associated guilies Excavate and construct FWW/SWM from CH570 to CH670	26	18-May-23 13-Jun-23	5 07755060C,5077	11-Jan-24 05-Feb-24	18-Mar-24	195	1						+		
KTD.D1.4030	Backfill and construct road kerb/central divider from Road D1 W/B CH300 to CH396	26	26-Jul-23	Safe - Constant	19-Mar-24	22-Apr-24	195	1								
KTD.D1.4050	Backfill and construct sub-base from Road D1 W/B CH300 to CH396	35	16-Aug-23		12-Apr-24	25-May-24	195	1				++	····	†		
	PORTION 5 (PEDESTRIAN ACCESS AND CARRIAGEWAY PAVEMENT AT ROAD D1)	494	24-Oct-22	22-Jun-24	03-Feb-24	22-Jun-24	0							-		
SECTION 3B		494	24-Oct-22	22-Jun-24	03-Feb-24	22-Jun-24	0						1	-	1 1	1
KTD.D1.5000	Demolition and removal of existing site hoarding or boundary fence at Road D1 E/B Pedestrian Access	25	24-Oct-22	21-Nov-22	03-Feb-24	05-Mar-24	382	1							a	
KTD.D1.5010	Construct u-channel/lighting duct and drawpits at Road D1 E/B Pedestrian Access	25	22-Nov-22		06-Mar-24	08-Apr-24	382	1								
KTD.D1.5020	Construct planter kerb at Road D1 E/B Pedestrian Access	18	21-Dec-22		09-Apr-24	29-Apr-24	382	1								·
KTD.D1.5030	Allowable time frame for UU undertakings to install ducts/pits/chambers at Poad D1 E/B Pedestrian Access	18	14-Jan-23			22-May-24	382	1								
KTD.D1.5040	Lay paving blocks and install street furnitures/facilities for Road D1 E/B Pedestrian Access	26 26	07-Feb-23 17-Nov-23		23-May-24 09-Feb-24	22-Jun-24 12-Mar-24	382	1						·+		·
KTD.D1.6000	Construct u-channel/lighting duct and drawpits at Road D1 W/B Pedestrian Access from CH170 to CH300	18	17-Nov-23 18-Dec-23		13-Mar-24	06-Apr-24	69	1								
KTD.D1.6010 KTD.D1.6020	Construct planter kerb at Road D1 W/B Pedestrian Access from CH170 to CH300 Allowable time frame for UU undertakings to install ducts/pits/chambers at Road D1 W/B Pedestrian Access CH170 to CH30	18	11-Jan-24		08-Apr-24	27-Apr-24	69	1	· · · · · · · · · · · · · · · · · · ·			·		+		r
KTD.D1.6020	Lay paving blocks and install street furnitures/facilities for Road D1 W/B Pedestrian Access CH170 to CH300	35	01-Feb-24		29-Apr-24	11-Jun-24	69	1								1
KTD.D1.6040	Construct landscaping softworks for Road D1 W/B Pedestrian Access CH170 to CH300	18	06-Mar-24		01-Jun-24	22-Jun-24	69	1								
KTD.D1.7000	Construct u-channel/lighting duct and drawpits at Road D1 W/B Pedestrian Access OH300 to CH396	18	19-Jun-23		02-Mar-24	22-Mar-24	211	1								ė.
KTD.D1.7010	Construct planter kerb at Road D1 W/B Pedestrian Access CH300 to CH396	18	12-Jul-23	01-Aug-23	23-Mar-24	17-Apr-24	211	1						1		
KTD.D1.7020	Allable time frame for UU undertakings to install ducts/pits/chambers at Road D1 W/B Pedestrian Access CH300 to CH396	18	02-Aug-23	8 22-Aug-23	18-Apr-24	09-May-24	211	1						ļļ		
KTD.D1.7030	Lay paving blocks and install street furnitures/facilities for Road D1 W/B Pedestrian Access CH300 to CH396	26	23-Aug-23		10-May-24	11-Jun-24	211	1								
KTD.D1.7040	Construct landscaping softworks for Road D1 W/B Pedestrian Access CH300 to CH396	18	13-Sep-23		01-Jun-24	22-Jun-24	211	1	ļ							
KTD.D1.8000	Construct carriageway pavement for Road D1 W/B CH170 to CH230 (12d for each layer test result, exclu wearing layer)	40	03-Apr-24		12001010000	13-Jun-24	18	1								
KTD.D1.8010	Construct carriageway pavement and road marking for Road D1 E/B (12d for each layer test result, 3 layers)	46	27-Feb-24		27-Apr-24	22-Jun-24	48	1								·
KTD.D1.8020	Construct carriageway pavement and road marking for Road D1 W/B (12d for each layer test result, 3 layers)	58	03-Apr-24		03-Apr-24 14-Jun-24	13-Jun-24 22-Jun-24	0	2								1
KTD.D1.9000	Advanced Completion of Road D1 within Part 1A	0	14-Jun-24	22-Jun-24	14-0011-24	22-Jun-24	0	2						÷		·
KTD.D1.9999	Planned Completion of Road D1 within Part 1A (Pelated to Section 3) OWD DISPERSAL ROUTE (CDR) WITHIN PARTS 2 AND 10	488	01-Sep-20		07-Apr-20	26-Nov-21	-120	-			_	+ +				
TD.CDR.1000	Liaison/coordinate with CLP for new 132kV and 11kV cable laying at Road L16, Part 3 and Crowd Dispersal Route	126	01-Sep-20		07-Apr-20	10-Aug-20	-147	2						++		[
TD.CDR.1010	Excavate and construct storm drain pipework (40mL)/catchpit fm CH0 to CH20	51	05-Jan-21		11-Aug-20	10-Oct-20	-120	1				1				
TD.CDR.1020	Backfill pipeline area fm CH0 to CH20 and excavate and construct u-channel fm CH0 to CH180	69	09-Mar-21	03-Jun-21	12-Oct-20	04-Jan-21	-120	1		-						
TD.CDR.1030	Excavate and construct lighting drawpits and lay cable ducts fm CH0 to CH180	78	13-Apr-21	16-Jul-21	17-Feb-21	25-May-21	-43	1								
TD.CDR.1040	Backfill and compact sub-base and construct road pavement fm CH0 to CH180	78	14-May-21	1 16-Aug-21	15-Apr-21	19-Jul-21	-24	1				1 1				1 1 -
TD.CDR.1050	Excavate and construct u-channel fm CH180 to CH292	46	04-Jun-21	100000000000	05-Jan-21	02-Mar-21	-120	1								
TD.CDR.1060	Excavate and construct lighting drawpits and lay cable ducts fm CH180 to CH292	45	17-Jul-21		26-May-21	19-Jul-21	-43 -43	1			-					
TD.CDR.1070 TD.CDR.1080	Backfill and compact sub-base and construct road pavement fm CH180 to CH292 Excavate and construct storm drain pipework/manhole SMIH119	65 43	08-Sep-21 30-Jul-21	1 25-Nov-21 17-Sep-21	20-Jul-21 03-Mar-21	05-Oct-21 26-Apr-21	-120	1						++		
TD.CDR.1080	Backfill pipeline area to SMH119 and construct u-channel fm CH292 to CH455	71	18-Sep-21	10.000	27-Apr-21	22-Jul-21	-120	1			_					
TD.CDR.1100	Excavate and construct lighting drawpits and lay cable ducts fm CH292 to CH455	55	22-Oct-21		29-May-21	03-Aug-21	-120	1			····†····			++		
TD.CDR. 11 10	Excavate and construct watermain pipework and install fire hydrants from CH316 to CH455	55	22-Oct-21		29-May-21	03-Aug-21	-120	1								
TD.CDR.1120	Backfill and compact sub-base and construct road pavement fm CH292 to CH455	81	22-Nov-21	02-Mar-22	30-Jun-21	05-Oct-21	-120	1								
TD.CDR.1130	Install chain-link fence from CH0 to CH455 and install lighting poles and cabling by HyD sub-contractor	44	03-Mar-22	2 27-Apr-22	06-Oct-21	26-Nov-21	-120	1								
TD.CDR.1140	Planned Completion of Roadworks and Utilities/Services within Parts 2 and 10 (Related to Section 6)	0		27-Apr-22		26-Nov-21	-152	2					V			
NSTRUCTION OF PEI	DESTRIAN STREETS NO.1, 3 & 4 WITHIN PART 3	633	05-Jan-21		02-Jan-21	24-Feb-24	298							·		ļļ
TD.RW.2060	Liaison/coordinate with adjacent projects (incl Station Square, Housing Sites and etc.) for interfacing issues	60	05-Jan-21	2010 10 10 10 10 10 10 10 10 10 10 10 10	02-Jan-21	02-Mar-21	-3	2								
CONSTRUCTION OF F	ROADWORK/LANDSCAPE WORKS AT PEDESTRIAN STREETS NO.1, 3 & 4	346	22-Dec-21		- manual and the	24-Feb-24	298	1	ļ							ļļ
KTD.RW.2070	Construct roadwork and landscape softworks within Part 3 (incl pedestrian streets)	346	22-Dec-21					1						1 1		
	UNDERGROUND UTILITIES AT PEDESTRIAN STREET NO.1	169	06-Mar-21		03-Mar-21	17-Dec-21 27-May-21	-3	1						·+····		
KTD.PS1.1000 KTD.PS1.1010	Excavate and construct storm drain pipework (120mL)/catchpit/manholes fm SMH905A to SMH905B Backfill fm SMH905A to SMH905B	68	06-Mar-21 01-Jun-21		03-Mar-21 19-Aug-21	10-Sep-21	66	1								
KTD.PS1.1010	Construct fresh/salt watermain pipework (150mL)/chambers along CHC9	39	25-Jun-21		13-Sep-21	29-Oct-21	66	1						+		
KTD.PS1.1020	Construct road lighting drawpits and lay cable ducts for Pedestrian Street No.1	39	13-Jul-21		1	15-Nov-21	66	1								
KTD.PS1.1040	Backfill up to formation level for Pedestrian Street No.1	28	27-Aug-21		16-Nov-21	17-Dec-21	66	1						1		
	UNDERGROUND UTILITIES AT PEDESTRIAN STREET NO.3	170	01-Jun-21	21-Dec-21	28-May-21	17-Dec-21	-3	1								
KTD.PS3.1000	Excavate and construct storm drain pipework (33mL) to Box Culvert B1	48	01-Jun-21	28-Jul-21	28-May-21	24-Jul-21	-3	1								
KTD.PS3.1010	Backfill pipework area and construct catchpits	29	29-Jul-21	31-Aug-21	26-Jul-21	27-Aug-21	-3	1								
KTD.PS3.1020	Construct sewer drain pipework (171mL)/manholes fm FMH10_40 to FMH10_65b	39	01-Sep-21		28-Aug-21	15-Oct-21	-3	1								
KTD.PS3.1030	Construct salt watermain pipework (150mL)/chambers along CHC10/Construct road lighting drawpits and lay cable ducts	48	17-Sep-21		14-Sep-21	11-Nov-21	-3	1								ļļ
KTD.PS3.1040	Backfill up to formation level for Pedestrian Street No.3	31	16-Nov-21	and successive statements where	12-Nov-21	17-Dec-21	-3	1								
in the second	UNDERGROUND UTILITIES AT PEDESTRIAN STREET NO.4	170	01-Jun-21	and the second second	28-May-21	17-Dec-21	-3	1						·+		
KTD.PS4.1000	Excavate and construct storm drain pipework (192mL)/catchpil/manhole fm SMH505 to SMH1005A	48	01-Jun-21 25-Jun-21		28-May-21 22-Jun-21	24-Jul-21 20-Aug-21	-3	1								
KTD.PS4.1010 KTD.PS4.1020	Excavate and construct sewer drain pipework (165mL/manhole fm FMH25_30 to FMH25_10 Backfill pipework area and construct fresh watermain pipework (170mL)/chambers along CHC11	39	25-Aug-21		21-Aug-21	07-Oct-21	-3	1						·+		
KTD.PS4.1020 KTD.PS4.1030	Construct road lighting drawpits and lay cable ducts	29	12-Oct-21		08-Oct-21	11-Nov-21	-3	1								
KTD.PS4.1040	Backfill up to formation level for Pedestrian Street No.4	31	16-Nov-21			17-Dec-21	-3	1						1		[
KTD.PS4.1050	Planned Completion of Underground Utilities/Services within Part 3 (Related to Section 5)	0		21-Dec-21	-	17-Dec-21	-4	2								
	DESTRIAN STREET NO.2 WITHIN PART 4	336	23-Nov-20	0 11-Jan-22	23-Nov-20	24-Feb-24	629				1	1		1		
CTD.PS2.1000	Liaison/coordinate with adjacent projects (incl Station Square, Housing Sites and etc.) for interfacing issues	60	23-Nov-20	0 21-Jan-21	23-Nov-20	21-Jan-21	0	2								ļļ
CTD.PS2.1010	Excavate and construct storm drain pipework (59mL) /catchpit/manholes from SMH404 to SMH402	28	22-Jan-21	1 26-Feb-21	22-Jan-21	26-Feb-21	0	1								
																Date
lilestone	Planned Work						ev. 48									
	Summary ED/2018/05 Ka				O 1	D Infor		A	layles at	the Le	MIND OF MI	orth A	aron Ar	00		27-Jun-2

d and and	20	24		1 - 1 -	20	25			2026	
JFM	AMJ	JAS	OND	JFM	AMJ	JAS		JFM	AMJ	JA
								ļ		
								······		
								+		
								ļ		

									-	
					ļ					
							ļ	ļ		
									•••••	
							ļ			
								·}		
-	Re	evisior	1	Τ	Ch	ecked		Ap	prove	d
Works	Prog	ramme	Э		HL		F	RL		
Works	Progr	ramme	Э		HL		F	٦L		
Works	Prog	ramme	Э		HL		F	RL		

	Activity Name	Dur (d)	Early Start		Late Start	Late Finish		Calendar			2	021		2022	20	123	
				Finish			Float		JA	SOND	JFMAMJ	JASON	DJFM	AMJJASOND	JFMAMJ	JASON	D.
KTD.PS2.1020	Backfill fm SMH404 to SMH402/Excavate and construct storm drain pipework (59mL)/catchpit/manhole fm SMH402 to SMH	29	19-Feb-21	24-Mar-21	19-Feb-21	24-Mar-21	0	1								ļļ	
KTD.PS2.1030	Backfill fm SMH402 to SMH401/Excavate and construct storm drain pipework (59mL)/catchpit/manhole fm SMH401 to SMH	26	17-Mar-21	20-Apr-21	17-Mar-21	20-Apr-21	0	1									
KTD.PS2.1040	Backfill within Part 4 and construct fresh watermain pipework (164mL)/chambers from CH179 to CH15	39	13-Apr-21	29-May-21	13-Apr-21	29-May-21	0	1		11							
KTD.PS2.1050	Construct road lighting drawpits and lay cable ducts/Backfill upto formation level for Pedestrian Street No.2	26	31-May-21	30-Jun-21	31-May-21	30-Jun-21	0	1									
KTD.PS2.1060	Planned Completion of Underground Utilities/Services within Part 4 (Related to Section 4)	0		30-Jun-21		30-Jun-21	0	2				₹					
KTD.PS2.1070	Construct roadwork and landscape softworks within Part 4 (incl pedestrian street)	160	02-Jul-21	11-Jan-22	14-Aug-23	24-Feb-24	629	1					-				
CONSTRUCTION OF	ROAD L16 WITHIN PART 6	303	23-Dec-23	31-Dec-24	15-Mar-24	30-Jun-25	144	1									V
KTD.RW.2090	Liasion with developer of the sites 2A4, 2A5(B) and 2A10 and construction of drainage and sewage works within Part 6	156	23-Dec-23	06-Jul-24	15-Mar-24	23-Sep-24	66	1									-
KTD.RW.2100	Construct roadwork, remaining UUs/services and landscape softworks within Part 6 (incl remaining Road L16)	147	08-Jul-24	31-Dec-24	28-Dec-24	30-Jun-25	144	1							I		
CONSTRUCTION OF	ROAD D1 WITHIN PART 5	312	30-Jun-22	18-Jul-23	08-Dec-22	27-Dec-23	134	1									
KTD.RW.2080	Construct roadwork, underground utilities/services within Part 5	312	30-Jun-22	18-Jul-23	08-Dec-22	27-Dec-23	134	1									1
CONSTRUCTION OF	UNDERGROUND UTILITIES WITHIN PARTS 1B, 6A AND 7 AND REMAINING AT ALL PARTS	341	13-Dec-23	07-Feb-25	13-Jun-25	30-Jun-26	412										1
KTD.RW.2110	Construct underground utilities/services within remaining works of all Parts	312	13-Dec-23	31-Dec-24	13-Jun-25	30-Jun-26	441	1		1 1							Ļ
CONSTRUCTION C	OF UNDERGROUND UTILITIES WITHIN PARTS 6A AND 7	187	24-Jun-24	07-Feb-25	11-Nov-25	30-Jun-26	412	4									1
KTD.P67.1000	Excavate/install FWM and SWM from CH400 to CH350 (50mL) and fittings	62	24-Jun-24	04-Sep-24	11-Nov-25	24-Jan-26	412	1		1 1							1
KTD.P67.1010	Backfill FWM and SWM from CH400 to CH350	21	05-Sep-24	30-Sep-24	26-Jan-26	21-Feb-26	412	1									1
KTD.P67.1020	Excavate/install FWM and SWM from CH350 to CH300 (50mL) and fittings and chambers	83	02-Oct-24	10-Jan-25	23-Feb-26	04-Jun-26	412	1		1 1							
KTD.P67.1030	Backfill FWM and SWM from CH350 to CH300	21	11-Jan-25	07-Feb-25	05-Jun-26	30-Jun-26	412	1	-								
KTD.P67.1040	Planned Completion of Underground Utilities/Services within Parts 6A and 7 (Related to Section 2)	0		07-Feb-25		30-Jun-26	508	2									
ONSTRUCTION OF A	DDITIONAL COVER WALKWAY FP3 UNDER PMI 006	115	30-Nov-20	23-Apr-21	30-Nov-20	23-Apr-21	0	Balk Louis		-					[[]		1
KTD.FP3.1000	Land allocation/taking over from MTRC/LandsD for construction of additional footpath and cover walkway FP3	0	30-Nov-20		30-Nov-20	-	0	2					1		1 1		
KTD.FP3.1010	Site clearence and formation works (1 team)	18	30-Nov-20	19-Dec-20	30-Nov-20	19-Dec-20	0	1				1			1		1
KTD.FP3.1020	Construction of storm drain system (incl. u-channel and catch pits, 15m3 conc., 1 team)	18	07-Dec-20	29-Dec-20	07-Dec-20	29-Dec-20	0	1									
KTD.FP3.1030	Implement TTA for connection of storm drain system to existing manhole	1	30-Dec-20	30-Dec-20	07-Apr-21	07-Apr-21	76	1		1		1 1 1					1
KTD.FP3.1040	Remove pavement, excavate for drain pipe laying and cast concrete surround (10m-L, 5.4m3 exca, 2m3 conc, 1 team)	8	31-Dec-20	09-Jan-21	08-Apr-21	16-Apr-21	76	1									
KTD.FP3.1050	Backfilling and reinstatement of existing pavement (5m2, 1 team)	5	11-Jan-21	15-Jan-21	17-Apr-21	22-Apr-21	76	1		1	1	1					1
KTD.FP3.1060	Site clearenc and remove TTA to resume traffic	1	16-Jan-21	16-Jan-21	23-Apr-21	23-Apr-21	76	1		1 1	r		1				-
KTD.FP3.1070	Placing concrete blocks foundation and erection of site hoarding (45m-L, 1 team)	6	21-Dec-20	29-Dec-20	21-Dec-20	29-Dec-20	0	1				1					1
KTD.FP3.1080	Construction of foundation for footpath cover (230m3 conc, 1 team)	12	21-Dec-20	06-Jan-21	21-Dec-20	06-Jan-21	0	1									1
KTD.FP3.1090	Installation of steel frame of footpath cover, site hoarding and lighting system	15	30-Dec-20	16-Jan-21	30-Dec-20	16-Jan-21	0	1			1				1	1	1
KTD.FP3.1100	Placing sub-base and construction of footpath pavement (45m3 sub-base, 35m3 conc, 1 team)	15	30-Dec-20	16-Jan-21	30-Dec-20	16-Jan-21	0	1					1				1
KTD.FP3.1104	Construction/Installation for additional works for FP3 under CE028	76	18-Jan-21	23-Apr-21	18-Jan-21	23-Apr-21	0	1		1 1							1
KTD.FP3.1105	Provision of power supply by CLP for lighting system at FP3 (CE028)	76	18-Jan-21	23-Apr-21	18-Jan-21	23-Apr-21	0	1									1
KTD.FP3.1110	Planned Completion of Additional Footpath and Cover Walkway FP3 under PMI006	0		23-Apr-21	1	23-Apr-21	0	2		1 1	₹						
DJECT ESTABLISHM	ENT WORKS	1450	12-Jan-22	31-Dec-25	27-Sep-23	30-Jun-26	181	2		1			-				÷
D.EW.1000	Establishment works for all landscape softworks (except Parts 3, 4 and 6)	365	19-Jul-23	17-Jul-24	28-Dec-23	26-Dec-24	162	2		11		¦					redees.
D.EW.1010	Establishment works for landscape softworks within Part 3 (Subj to excision within 416 days)	365	24-Feb-23	23-Feb-24	26-Feb-24	24-Feb-25	367	2		1 1							
D.EW.1020	Establishment works for landscape softworks within Part 4 (Subj to excision within 244 days)	365	12-Jan-22	11-Jan-23	26-Feb-24	24-Feb-25	775	2		•••••••••••••••••••••••••••••••••••••••	•••••	·····		·····	5		
D.EW.1030	Establishment works for landscape softworks within Part 6	365	01-Jan-25	31-Dec-25	01-Jul-25	30-Jun-26	181	2									1
D.EW.1030	Establishment works for landscape softworks under Section 1	365	23-Feb-24		27-Sep-23	25-Sep-24	-149	2		······							1
			CARGO CONTRACTOR	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1 100 1000 0000							12 11			4 8 1	6 6	

	V Milestone	Planned Work	Rev. 48	Date	
~	▼ Milestone		ED/2018/05 Kai Tak Development - Stage 5B Infrastructure Works at the Former North Apron Area	27-Jun-24	W
V	V Critical Milestone	Summary		21-Aug-24	W
	Critical Remaining Work		WORKS PROGRAMME (Page 11 of 11)	05-Oct-24	W



Revision	Checked	Approved
Works Programme	HL	RL
Works Programme	HL	RL
Works Programme	HL	RL

Appendix C – Environmental monitoring schedules

Contract No. EDO 2/2020 Environmental Monitoring at Kai Tak Development – Stage 5B infrastructure works at the former north apron area Environmental Monitoring and Weekly Site Inspection Schedule for October 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3 Weekly Site Inspection	4	5 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3
6	7	8	9	10 Weekly Site Inspection 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3 30-min Noise: M4(A), M5(A)	11	12
13	14	15	16 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3 30-min Noise: M4(A), M5(A)	17 Weekly Site Inspection	18	19
20	21	22 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3 30-min Noise: M4(A), M5(A)	23	24 Weekly Site Inspection	25	26
27	28 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3 30-min Noise: M4(A), M5(A)	29	30	31 Weekly Site Inspection + SSMC meeting		

October 2024

Air Quality Monitoring Station

AM2(A) Ng Wah Catholic Secondary School AM3 - Sky Tower

Noise Quality Monitoring Station M4(A) - Le Billionnaire M5(A) - Prince Ritz

Contract No. EDO 2/2020 Environmental Monitoring at Kai Tak Development – Stage 5B infrastructure works at the former north apron area Tentative Environmental Monitoring and Weekly Site Inspection Schedule for November 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3
3	4	5	6	7 Weekly Site Inspection	8 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3 30-min Noise: M4(A), M5(A)	9
10	11	12	13	14 Weekly Site Inspection 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3 30-min Noise: M4(A), M5(A)	15	16
17	18	19	20 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3 30-min Noise: M4(A), M5(A)	21 Weekly Site Inspection	22	23
24	25	26 24-hr TSP and 1-hrX3 TSP: AM2(A), AM3 30-min Noise: M4(A), M5(A)	27	28 Weekly Site Inspection + SSMC meeting	29	30

November 2024

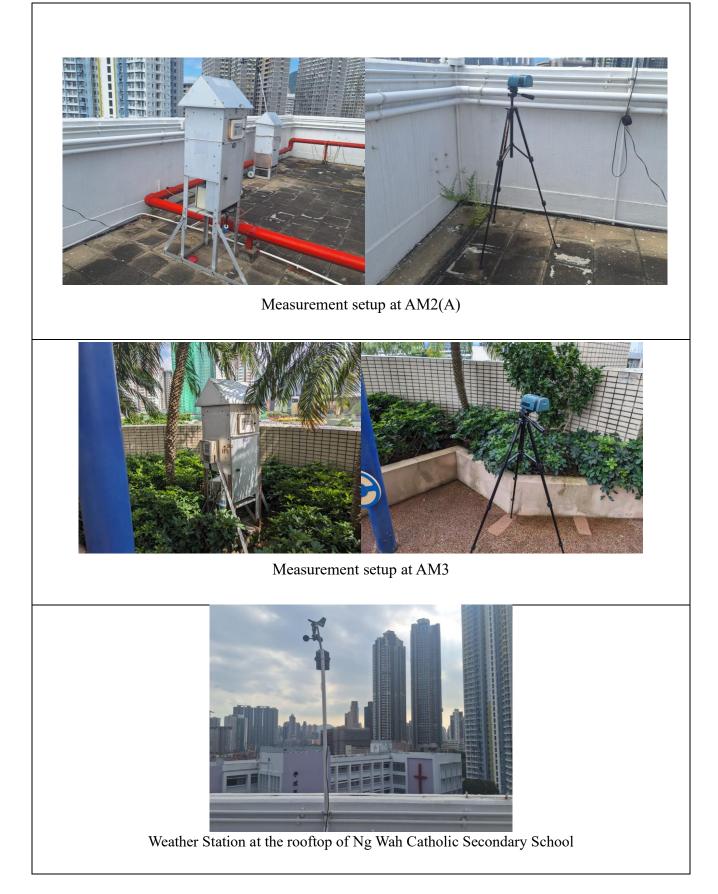
NOTE:

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

Air Quality Monitoring Station

AM2(A) Ng Wah Catholic Secondary School AM3 - Sky Tower **Noise Quality Monitoring Station** M4(A) - Le Billionnaire M5(A) - Prince Ritz

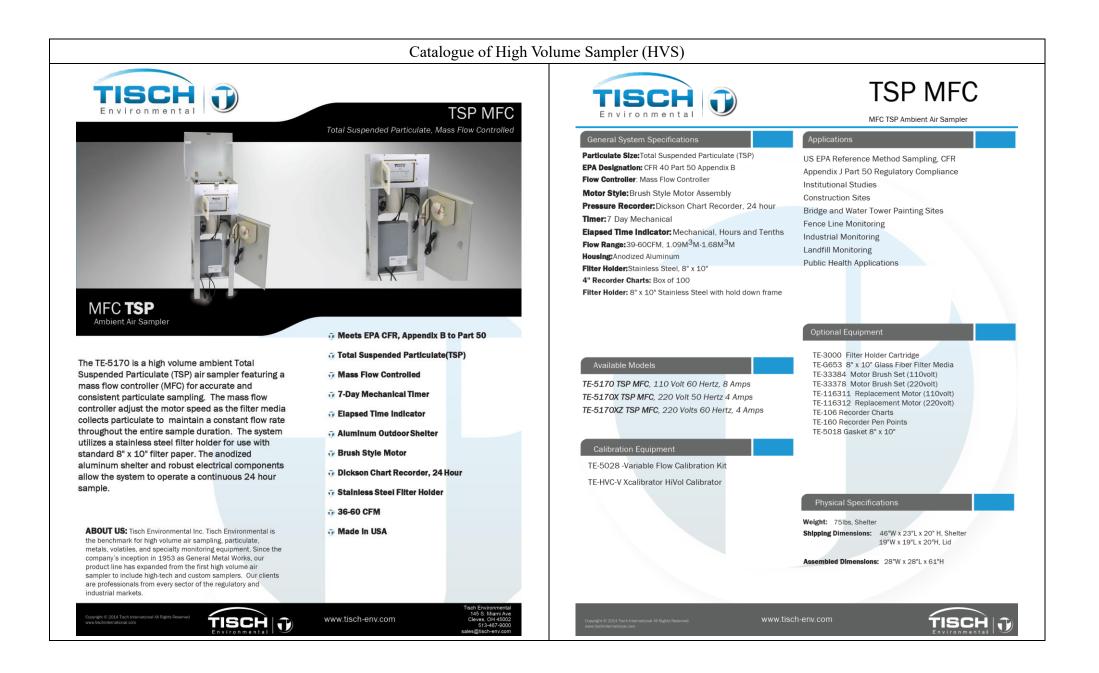
Appendix D – Photographic records



Impact Noise Monitoring



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

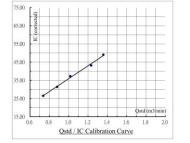


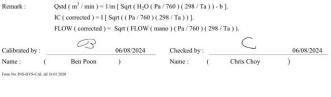
Calibration Certificate of HVS	Calibration Certificate of HVS
Air Sampler Calibration Curve Plotting & Calculation (Dickson recorder)	Air Sampler Calibration Curve Plotting & Calculation (Dickson recorder)
Calibration curve ref. No. : ATSPC-01-2024080604 Date of calibration : 06/08/2024	Calibration curve ref. No. : ATSPC-01-2024080601 Date of calibration : 06/08/2024
Model no : Ng Wah Catholic Secondary School Sampler : TE-5170X	Model no : Sky Tower Sampler : TE-5170X
Serial Number : 4360	Serial Number : 4687
Calibration Data Ambient barometric pressure, Pa = 753.8 (mmHg) Ambient temperature, Ta = 306.95 (deg K)	Calibration Data Ambient barometric pressure, Pa = 753.8 (mmHg) Ambient temperature, Ta = 306.95 (deg
Calibration Orifice	Calibration Orifice
Model = TE-5025A Qstd Slope, m = 2.03976	Model = TE-5025A Qstd Slope, m = 2.03976
Serial No. = 0006 Qstd Intercept, b = -0.01299	Serial No. = 0006 Qstd Intercept, b = -0.01299
Calibration Due Date: 06/05/2025 Qstd Corr. coeff., r =	Calibration Due Date: 06/05/2025 Qstd Corr. coeff., r = 1.00000
Calibration Curve	Calibration Curve
Hate Na H2O Qstd I IC	Plate No. H2O Qstd I IC
rate No. (in) (m ³ /min) (chart) (corrected) 18 7.60 1.333 50.0 49.07	Fine Proc. (in) (m ³ /min) (chart) (corrected) 18 7.90 1.359 50.0 49.07
13 6.50 1.233 45.0 44.16	13 6.50 1.233 44.0 43.18
10 4.40 1.016 38.0 37.29	10 4.40 1.016 38.0 37.29
7 3.50 0.906 33.0 32.38	7 3.30 0.880 32.0 31.40
5 2.30 0.736 27.0 26.50	5 2.30 0.736 27.0 26.50
Subsequent calculation of sampler flow	Subsequent calculation of sampler flow
Method Calibration equation Slope, m Intercept, b Corr. coeff., r Dickson recorder Qstd=1/m1[(1)(Sqrt((Pav/760)(298/Tav)))-b1] 37.196 -0.9828 0.9983	Method Calibration equation Slope, m Intercept, b Corr. Dickson recorder Qstd=1/m1[(1)(Sqrt((Pav/760)(298/Tav)))-b1] 35,390 0.5128 0.9
Calibration curve requirements : Qstd (m3/min) = 1/m [Sqrt (H2O (Pa / 760) (298 / Ta)) - b].	$\begin{array}{c} 75.00 \\ 65.00 \\ 55.00 \\ 45.00 \\ 25.00 \\ 25.00 \\ 15.00 \\ 0.6 \\ 0.8 \\ 1.0 \\ 1.2 \\ 1.4 \\ 1.6 \\ 1.8 \\ 2.0 \\ 0.5 \\ 0.6 \\ 0.8 \\ 1.0 \\ 1.2 \\ 1.4 \\ 1.6 \\ 1.8 \\ 2.0 \\ 0.5 \\ 0.6 \\ 0.8 \\ 1.0 \\ 1.2 \\ 1.4 \\ 1.6 \\ 1.8 \\ 2.0 \\ 0.5$
IC (corrected) = I [Sqrt ((Pa / 760) (298 / Ta))].	IC (corrected) = I [Sqrt ((Pa / 760) (298 / Ta))].
FLOW (corrected) = Sqrt (FLOW (mano) ($Pa / 760$) ($298 / Ta$)).	FLOW (corrected) = Sqrt (FLOW (mano) ($Pa / 760$) ($298 / Ta$)).
Calibrated by : 06/08/2024 Checked by : 06/08/2024	Calibrated by : 06/08/2024 Checked by : 06/08
Name : (Ben Poon) Name : (Chris Choy	Name : (Ben Poon) Name : (Chris Choy)
	90000-000 0000 0000 000 000 000 000 000

Plate No.	H ₂ O (in)	Qstd (m ³ /min)	I (chart)	IC (corrected)
18	7.90	1.359	50.0	49.07
13	6.50	1.233	44.0	43.18
10	4.40	1.016	38.0	37.29
7	3.30	0.880	32.0	31.40
5	2.30	0.736	27.0	26.50

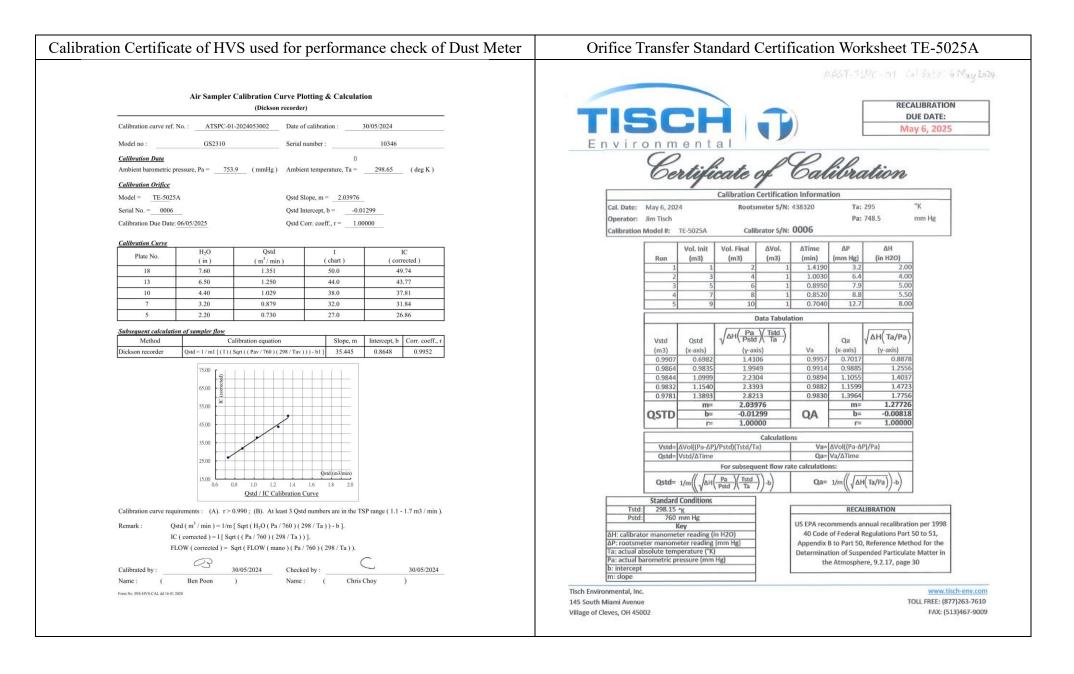
flo

Method	Calibration equation	Slope, m	Intercept, b	Corr. coeff., r
Dickson recorder	Qstd = 1 / m1 [(1) (Sqrt ((Pav / 760) (298 / Tav))) - b1]	35.390	0.5128	0.9971





Calibration Certificate of HVS	Calibration Certificate of HVS
Air Sampler Calibration Curve Plotting & Calculation (Dickson recorder)	Air Sampler Calibration Curve Plotting & Calculation (Dickson recorder)
Calibration curve ref. No. : ATSPC-01-2024100401 Date of calibration : 04/10/2024	Calibration curve ref. No. : ATSPC-01-2024100404 Date of calibration : 04/10/2024
Model no : Sky Tower Sampler : TE-5170X	Model no : Ng Wah Catholic Secondary School Sampler : TE-5170X
Serial Number : 4687	Serial Number : 4360
<u>Calibration Data</u> Ambient barometric pressure, Pa = 760.6 (mmHg) Ambient temperature, Ta = 304.05 (deg K)	<u>Calibration Data</u> Ambient barometric pressure, Pa = 760.6 (mmHg) Ambient temperature, Ta = 304.05 (deg k
Calibration Orifice	Calibration Orifice
Model = TE-5025A Qstd Slope, m = 2.03976	$Model = TE-5025A \qquad Qstd Slope, m = 2.03976$
Serial No. = 0006 Qstd Intercept, b = -0.01299	Serial No. = 0006 Qstd Intercept, b = -0.01299
Calibration Due Date: 06/05/2025 Qstd Corr. coeff., r = 1.00000	Calibration Due Date: 06/05/2025 Qstd Corr. coeff., r =1.00000
Calibration Curve	Calibration Curve
Plate No. H_2O Qstd I IC (in) (m^3/min) (chart) (corrected)	Plate No. H2O (in) Qstd (m ³ /min) I IC
18 7.90 1.371 50.0 49.52	18 7.60 1.345 50.0 49.52
13 6.60 1.254 45.0 44.57	13 6.50 1.244 46.0 45.56
10 4.50 1.036 38.0 37.63	10 4.50 1.036 38.0 37.63
7 3.30 0.888 32.0 31.69 5 2.20 0.727 27.0 26.74	7 3.40 0.902 32.0 31.69 5 2.20 0.727 27.0 26.74
3 4.60 0.121 4.10 20.14	J 1.20 0.127 2.10 20.14
Subsequent calculation of sampler flow	Subsequent calculation of sampler flow
Method Calibration equation Slope, m Intercept, b Corr. coeff., r Dickson recorder Qstd = 1 / ml [(1) (Sqrt ((Pav / 760) (298 / Tav))) - b1] 35.242 0.8426 0.9990	Method Calibration equation Slope, m Intercept, b Corr. Dickson recorder Qstd=1/m1[(1)(Sgrt((Pav/760)(298/Tav)))-b1] 37.597 -1.2792 0.9
Calibration curve requirements: (A). r > 0.990; (B). At least 3 Qstd numbers are in the TSP range (1.1 - 1.7 m3/min). Remark : Qstd (m3/min) = 1/m [Sqrt (H2O (Pa / 760) (298/Ta)) - b].	Calibration curve requirements : (A). r > 0.990 ; (B). At least 3 Qstd numbers are in the TSP range (1.1 - 1.7 m3/Remark : Qstd (m3/min) = 1/m [Sqrt (H2O (Pa / 760) (298 / Ta)) - b].
IC (corrected) = I [Sqrt ($(Pa / 760) (298 / Ta))$].	IC (corrected) = I [Sqrt (($Pa / 760$) ($298 / Ta$))].
FLOW (corrected) = Sqrt (FLOW (mano) ($Pa / 760$) (298 / Ta)).	FLOW (corrected) = Sqrt (FLOW (mano) ($Pa / 760$) ($298 / Ta$)).
Calibrated by : 04/10/2024 Checked by : 04/10/2024	Calibrated by : 04/10/2024 Checked by : 04/10
Name: (Ben Poon) Name: (Chris Choy)	Name : (Ben Poon) Name : (Chris Choy)
Form No. 1985-HVS-CAL dd 16 01 2020	Form No. INS-HVS-CAL dd 16 01 2020



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

The easy-to-use TrakPro Data Analysis Software lets you create

effective graphs and reports.

and long battery life, the AM510 is also ideal for extended sampling.

Catalogue of Dust Meter (TSI Sidepak AM510)

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

Sensitiv Sensor T	
Aerosol Concentr	ation Range
	ize Range Nesolution ility
Tempera	ture Coefficient

Flow Rate

Range

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

90° light scattering,

670 nm laser diode

0.001 to 20 mg/m³

A1 test dust)

0.001 mg/m³

(calibrated to respirable

fraction of ISO 12103-1,

0.1 to 10 micrometer (µm)

±0.001 mg/m³ over 24 hours

using 10-second time-constant

Approximately +0.0005 mg/m³ per

°C (for variations from temperature

at which instrument was last zeroed)

4.2 x 3.7 x 2.8 in. (106 x 92 x 70 mm)

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 , with user-defined labels 0.1 to 10.0, user-adjustable

Physical External Dimensions

Range

	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
Weight	16 oz (0.46 kg) with 801723, 801724,
	801729 or 801743 battery
	19 oz (0.54 kg) with 801708, 01722,
	801728, 801735, or 801736 battery
Display	2 line x 12 character LCD
Tripod Socket	1/4-20 female thread

Power Supply/Charger (P/N 2613210)

100 to 240 VAC, 50 to 60 Hz Input Voltage Range Output Voltage 9 VDC @ 1.0 A

Maintenance Factory Clean/Calibrate

Recommended annually User Zero Calibration Before each use User Flow Calibration As needed

Communications Interface

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

Minimum Computer Requirements for TrakPro[™] Data Analysis Software

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

Battery Performance

Communications Port

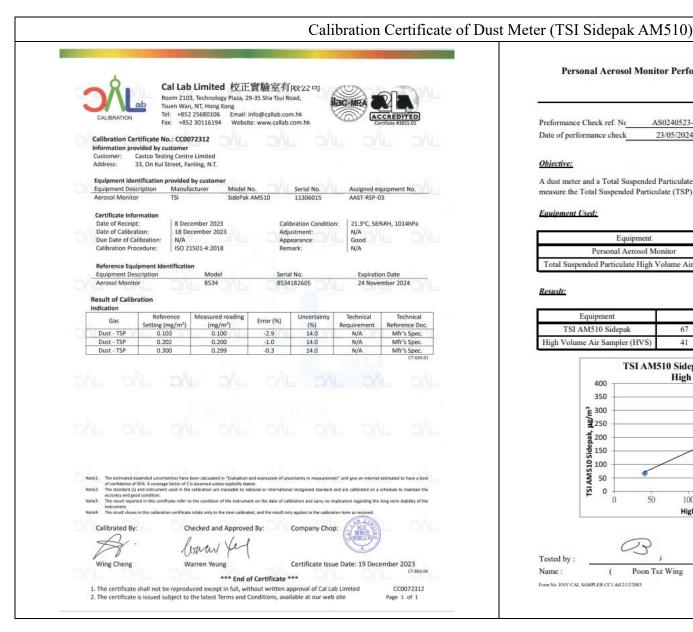
Operating System

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.



Personal Aerosol Monitor Performance check with High Volume Sampler

Preformance Check ref. No AS0240523-3 23/05/2024 Report Issue Date Date of performance check 23/05/2024

Objective:

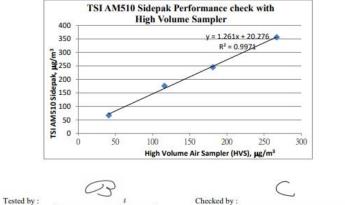
A dust meter and a Total Suspended Particulate High Volume Air Sampler (HVS) were placed together to measure the Total Suspended Particulate (TSP) concentrations simultaneously to check the performance.

Equipment Used:

Equipment	Manufacturer and Model	Serial Number	
Personal Aerosol Monitor	TSI AM510 Sidepak	11306015	
Total Suspended Particulate High Volume Air Sampler	GS2310	10346	

Resust:

Equipment	Measurement Result, µg/m3				
TSI AM510 Sidepak	67	176	245	356	
High Volume Air Sampler (HVS)	41	116	181	267	





)

Form No. ENV CAL SAMPLER CC1 dd12/12/2003

JAL	Room 210	D Limited 校正 3, Technology Plaza, 2				21	La	Personal Aero
	Tel: +852		info@callab.com te: www.callab.c		Calebra A	CCREDITED		
			te. www.callab.c	OTTAIK		aronate #3615/01		Preformance Check ref. 1
	rtificate No.: CC02 ovided by customer	12312						Date of performance che
Customer:	Castco Testing Centr							0 11 - 4
Address:	33, On Kui Street, Fa	2 17						Objective:
Equipment ide Equipment De	ntification provided cription Manufa		No.	Serial No.	Assigned e	quipment No.		A dust meter and a Total measure the Total Susper
Aerosol Monit			AM510	11506009	AAST-RSP-			measure the rotal Susper
Certificate Inf	ormation							Equipment Used:
Date of Recei	it: 14 De	cember 2023		ration Conditio		%RH, 1014hPa		
Date of Calibr Due Date of C		cember 2023		stment: arance:	N/A Good		6	E
Calibration Pr	ocedure: ISO 2	1501-4:2018	Rema	ark:	N/A			Personal
	ipment Identificatio							Total Suspended Partic
Equipment De Aerosol Moni		Model 8534	Serial 85341	No. 82605		on Date ember 2024		Derrocke
		0554	05541	.52005	24 14044	2024		<u>Resustt:</u>
Result of Calib Indication						1	<u>_</u>	Equipment
	Reference Setting (mg/m ³)	Measured reading (mg/m ³)	Error (%)	Uncertainty (%)	Technical Requirement	Technical Reference Doc.		TSI AM510 Side
Gas			9.7	14.0	N/A	Mfr's Spec.	1	High Volume Air Samp
Dust - TSP	0.103	0.113					4	
	0.103 0.202 0.300	0.113 0.218 0.296	7.9	14.0 14.0	N/A N/A	Mfr's Spec. Mfr's Spec.		
Dust - TSP Dust - TSP	0.202	0.218	7.9	14.0	N/A	Mfr's Spec.		
Dust - TSP Dust - TSP	0.202	0.218	7.9	14.0	N/A	Mfr's Spec. Mfr's Spec.]	400
Dust - TSP Dust - TSP	0.202	0.218	7.9	14.0	N/A	Mfr's Spec. Mfr's Spec.		400
Dust - TSP Dust - TSP	0.202	0.218	7.9	14.0	N/A	Mfr's Spec. Mfr's Spec.		400 350 "E 300
Dust - TSP Dust - TSP	0.202	0.218	7.9	14.0	N/A	Mfr's Spec. Mfr's Spec.		400 350 ∎ 300 ≩250
Dust - TSP Dust - TSP	0.202	0.218	7.9	14.0	N/A	Mfr's Spec. Mfr's Spec.		400 350 E 300 2250 3220 3200
Dust - TSP Dust - TSP	0.202	0.218	7.9	14.0	N/A	Mfr's Spec. Mfr's Spec.		400 350 100 112250 1150 1150
Dust - TSP Dust - TSP	0.202	0.218	7.9	14.0	N/A	Mfr's Spec. Mfr's Spec.		400 350 100 112250 1150 1150
Dust - TSP Dust - TSP	0.202	0.218	7.9	14.0	N/A	Mfr's Spec. Mfr's Spec.		400 350 m 300 250 370 370 370 370 370 370 370 370 370 37
Dust - TSP Dust - TSP Dust - TSP	0.202 0.300	0.218 0.296	7.9 -1.3	14.0 14.0	N/A N/A	Mir's Spec. Mir's Spec. Cr-ax-sa		400 350 1230 1250 150 150 150 150 150 150 150 150 150 1
Dust - TSP Dust - TSP Dust - TSP Dust - TSP	2022 0.300	0.218 0.296	7.9 -1.3	14.0 14.0 Tainty in measureme recogneed Bandurd	N/A N/A	Mir's Spec. Mir's Spec. Cr-645-01		400 350 m 300 250 370 370 370 370 370 370 370 370 370 37
Dust - TSP Dust - TSP Dust - TSP Dust - TSP Dust - TSP	0.202 0.300	0.218 0.296	7.9 -1.3	14.0 14.0 14.0	N/A N/A	Mir's Spec. Mir's Spec. Cr-645-01		400 350 110 110 110 110 110 110 110 110 110 1
Note: The estimated Note: The estimated Note: The estimated Note: The standard Note: The standard Note: The standard Note: The result rays	0.202 0.300	0.218 0.296	7.9 -1.3	14.0 14.0 14.0	N/A N/A	Mir's Spec. Mir's Spec. Cr-645-01		400 350 11 11 11 11 11 11 11 11
Dust - TSP Dust - TSP Dust - TSP Dust - TSP	D.202 0.300	0.218 0.296	7.9 -1.3	14.0 14.0 14.0	N/A N/A N/A	Mir's Spec. Mir's Spec. Cr-645-01		400 350 11 11 11 11 11 11 11 11
Dust - TSP Dust - TSP Dust - TSP Dust - TSP	D.202 0.300	0.218 0.296	7.9 -1.3	14.0 14.0 14.0	N/A N/A N/A	Mir's Spec. Mir's Spec. Cr-645-01		400 350 11 11 11 11 11 11 11 11
Dust - TSP Dust - TSP Dust - TSP Dust - TSP	spanded uncertainties have 1955. A coverage factor of 2 1966. A coverage factor of 2 1967. A coverage f	0.218 0.296	7.9 -1.3 and expression of uncert ted. anomal or international entities of calibre and there east only ed By: C	14.0 14.0 14.0	N/A N/A N/A	Mir's Spec. Mir's Spec. Cr-445-02 Cr-445-02 A extimated to have a level schedule to maintain the long term stability of the		400 350 ru 300 79250 79200 79200 150 50 50 50 50 50 50 0

Preformance Check ref. Nc AS0240523-2 Report Issue Date 23/05/2024 23/05/2024 Date of performance check

Personal Aerosol Monitor Performance check with High Volume Sampler

Objective:

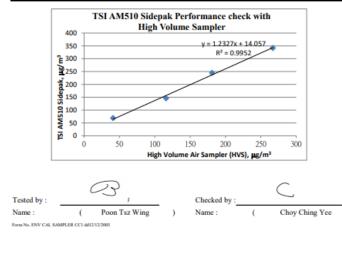
A dust meter and a Total Suspended Particulate High Volume Air Sampler (HVS) were placed together to measure the Total Suspended Particulate (TSP) concentrations simultaneously to check the performance.

Equipment Used:

Equipment	Manufacturer and Model	Serial Number	
Personal Aerosol Monitor	TSI AM510 Sidepak	11506009	
Total Suspended Particulate High Volume Air Sampler	GS2310	10346	

Resusit:

Equipment	Measurement Result, µg/m3			
TSI AM510 Sidepak	69	146	245	342
High Volume Air Sampler (HVS)	41	116	181	267



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 Vantage Pro2 and purchased separately: the UV Sensor and the Solar Radiation Sensor. The console and ISS are Current Graph Data..... Instant Reading and Hourly Average; Daily, Monthly High 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 Equation Used Osczevski (1995) (adopted by US NWS in 2001) 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 Wind Direction Sensor Wind vane with potentiometer Wind Direction (214 cm²) collection area 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, Monthly Dominant Historical Graph Data. Past 6 10-min. Dominants on compass rose only; Hourly, Daily, ISS Dimensions(not including anemometer or bird spikes): Monthly Dominants Vantage Pro2 with Standard Rad Shield 14.0" x 9.4" x 14.5" (356 mm x 239 mm x 368 mm) Wind Speed 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

CALIBRATION CALIBRATION CALIBRATION	d, Ik	CALIBRATION Tel:	Lab Limited 校正實題 2103, Technology Plaza, 29-35 S Wan, NT, Hong Kong #852 25680106 Email: info@ #852 3116194 Website: wv	Sha Tsui Road, Icallab.com.hk	
Calibration Certificate No.: CC0862407	ILLIK	Result of Calibration	+852 30110194 Website: wv	ww.canab.com.nk	
Information provided by customer Customer: Castco Testing Centre Limited Address: 33, On Kui Street, Fanling, N.T.		Temperature Reference reading (°C)	Reading (°C)	Error (°C)	Uncertainty (°C)
Address. 55, on Kurscieet, Fahing, N.I.		15.0	16	1	2
Equipment identification provided by customer		20.0	20	0	2
	al No. Assigned equipment No.:	25.0	25	0	2
Weather Station Davis Vantage PRO 2 BD18	81101023 AAST-WS-04	30.0	30	0	2
Certificate Information		Relative Humidity			
	ion Condition: 24.4°C, 54%RH, 998hPa	Reference reading (%RH)	Reading (%RH)	Error (%RH)	Uncertainty (%RH)
Date of Calibration: 24 July 2024 Adjustm		40.0	39	-1	2
Due Date of Calibration: N/A Appeara		50.0	50	0	2
Calibration Procedure: JJF 1183-2007, JJF 1076-2020, Remark: SOP-116	: N/A	70.0	71	1	2
301-110		Barometric Pressure			
Reference Equipment Identification		Reference reading (hPa)	Reading (hPa)	Error (hPa)	Uncertainty (hPa)
Equipment Description Model Serial No	. Expiration Date	950.0	950.3	0.3	2.8
	5, KCI P-1095 9 November 2024	1000.0	999.7 1049.4	-0.3	2.8
Humidity sensor KPPRHT-A-1 KCI I-109 Hot Wire Anemometer 9535 T953513:	5, KCI P-1095 9 November 2024 16004 11 August 2024		1049.4	-0.6	2.8
		Wind Speed Reference reading (m/s)	Measured reading (m/s)	Error (%)	Uncertainty (%)
		0.0	0.0	N/A	3.6
		2.0	1.9	-5.0	3.6
		5.0	4.8	-2.0	3.6
		8.0	7.9	-1.3	3.6
		Wind Direction			
		Reference reading	Measured reading	Error	Uncertainty
		0°	0°	0°	5°
		45°	45°	0°	5°
		90°	90°	0°	5°
		135° 180°	135° 180°	0°	5°
		225°	225°	0°	5°
		270°	270°	0°	5°
		315°	315°	0°	5°
Notal: The estimated expanded uncertainties have been calculated in "fooluation and expression of uncertain of confidence of 50%. A coverage factor of 2% a summed unies explicitly stated. Notal: The standard (i) and instrument used in the calibration are traceable to national or international records and good condition. Note: The statut reported in this calibration certificate refer to the condition of the instrument on the date of calibration instrument. Note: The result shows in this calibration certificate refer to the term calibrated, and the result only application certificate relate only to the item calibrated, and the result only application. Approved By: Control	sprized standard and are calibrated on a schedule to maintain the n and carry no implication regarding the long term stability of the		*** End of Certi	ificate ***	
Warren Yeung Cert	tificate Issue Date: 29 July 2024 CF86G-04				

Appendix F – Weather information

General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)	Mean Relative Humidity (%)
01/10/2024	27.8	34.2	0	58
02/10/2024	25.5	30.8	0	54
03/10/2024	23.3	29.4	0	49
04/10/2024	24.6	30.9	0	50
05/10/2024	25.5	31.5	0	63
06/10/2024	26.7	33.3	0	70
07/10/2024	27.3	32.9	0	66
08/10/2024	26.2	31.7	0	62
09/10/2024	25.2	27.4	Trace	68
10/10/2024	24.5	30.6	Trace	68
11/10/2024	23.2	27.5	8.7	79
12/10/2024	25.6	29.7	0	67
13/10/2024	25.9	30.2	0	73
14/10/2024	26.3	31.0	0	75
15/10/2024	26.6	30.9	0	75
16/10/2024	27.4	31.1	Trace	74
17/10/2024	27.1	29.7	Trace	77
18/10/2024	27.1	30.7	Trace	78
19/10/2024	26.4	33.7	0	74
20/10/2024	26.9	29.7	1.9	75
21/10/2024	26.4	31.5	Trace	75
22/10/2024	26.0	32.3	0	64
23/10/2024	23.4	28.4	0	57
24/10/2024	22.0	28.5	0	42
25/10/2024	22.9	29.4	0	45
26/10/2024	25.3	28.5	0.7	67
27/10/2024	25.9	29.2	Trace	73
28/10/2024	24.6	27.2	Trace	67
29/10/2024	23.7	26.7	Trace	69
30/10/2024	24.3	29.3	0	64
31/10/2024	24.1	30.6	0	52

NOTE1: The above weather information was obtained from manned weather station of Hong Kong Observatory. NOTE2: Trace means rainfall less than 0.12 mm

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

Date	Time	Wind Speed (m/s)	Wind Direction												
01/10/2024	0:00	1.3	90	02/10/2024	0:00	0.9	90	03/10/2024	0:00	0.9	247.5	04/10/2024	0:00	0.4	22.5
01/10/2024	1:00	2.2	112.5	02/10/2024	1:00	1.8	135	03/10/2024	1:00	0.4	270	04/10/2024	1:00	0.4	90
01/10/2024	2:00	0.4	112.5	02/10/2024	2:00	2.2	90	03/10/2024	2:00	0.4	112.5	04/10/2024	2:00	0.9	112.5
01/10/2024	3:00	0.4	112.5	02/10/2024	3:00	1.8	67.5	03/10/2024	3:00	0.4	112.5	04/10/2024	3:00	1.8	112.5
01/10/2024	4:00	0.4	90	02/10/2024	4:00	1.3	90	03/10/2024	4:00	0.4	90	04/10/2024	4:00	0.1	45
01/10/2024	5:00	0.9	90	02/10/2024	5:00	0.9	112.5	03/10/2024	5:00	0.4	112.5	04/10/2024	5:00	1.8	67.5
01/10/2024	6:00	0.4	112.5	02/10/2024	6:00	0.9	67.5	03/10/2024	6:00	0.4	90	04/10/2024	6:00	0.4	135
01/10/2024	7:00	0.4	112.5	02/10/2024	7:00	0.4	112.5	03/10/2024	7:00	0.9	90	04/10/2024	7:00	0.4	135
01/10/2024	8:00	0.4	112.5	02/10/2024	8:00	0.4	90	03/10/2024	8:00	1.3	90	04/10/2024	8:00	0.4	135
01/10/2024	9:00	0.4	90	02/10/2024	9:00	1.8	112.5	03/10/2024	9:00	1.3	90	04/10/2024	9:00	0.9	112.5
01/10/2024	10:00	0.9	90	02/10/2024	10:00	2.2	112.5	03/10/2024	10:00	1.8	112.5	04/10/2024	10:00	1.8	45
01/10/2024	11:00	0.4	67.5	02/10/2024	11:00	1.8	90	03/10/2024	11:00	1.8	157.5	04/10/2024	11:00	0.4	180
01/10/2024	12:00	0.9	45	02/10/2024	12:00	1.3	90	03/10/2024	12:00	1.8	112.5	04/10/2024	12:00	0.4	180
01/10/2024	13:00	0.9	90	02/10/2024	13:00	1.8	67.5	03/10/2024	13:00	0.4	135	04/10/2024	13:00	0.9	180
01/10/2024	14:00	0.9	67.5	02/10/2024	14:00	2.2	45	03/10/2024	14:00	0.4	337.5	04/10/2024	14:00	0.4	180
01/10/2024	15:00	0.9	292.5	02/10/2024	15:00	1.8	90	03/10/2024	15:00	0.9	135	04/10/2024	15:00	0.9	135
01/10/2024	16:00	0.9	112.5	02/10/2024	16:00	1.3	67.5	03/10/2024	16:00	0.4	135	04/10/2024	16:00	0.9	112.5
01/10/2024	17:00	0.9	135	02/10/2024	17:00	0.9	135	03/10/2024	17:00	0.9	135	04/10/2024	17:00	1.3	90
01/10/2024	18:00	0.9	112.5	02/10/2024	18:00	0.9	112.5	03/10/2024	18:00	0.9	270	04/10/2024	18:00	1.3	135
01/10/2024	19:00	0.9	135	02/10/2024	19:00	1.8	135	03/10/2024	19:00	0.4	337.5	04/10/2024	19:00	1.3	90
01/10/2024	20:00	0.9	112.5	02/10/2024	20:00	0.9	112.5	03/10/2024	20:00	2.2	112.5	04/10/2024	20:00	1.3	135
01/10/2024	21:00	0.9	90	02/10/2024	21:00	1.8	112.5	03/10/2024	21:00	2.2	135	04/10/2024	21:00	1.3	90
01/10/2024	22:00	0.4	135	02/10/2024	22:00	1.3	90	03/10/2024	22:00	2.2	112.5	04/10/2024	22:00	1.3	112.5
01/10/2024	23:00	0.4	90	02/10/2024	23:00	1.8	135	03/10/2024	23:00	1.8	90	04/10/2024	23:00	1.3	180

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

Date	Time	Wind Speed (m/s)	Wind Direction												
05/10/2024	0:00	0.4	135	06/10/2024	0:00	1.3	90	07/10/2024	0:00	0.9	67.5	08/10/2024	0:00	0.9	112.5
05/10/2024	1:00	0.9	90	06/10/2024	1:00	1.3	135	07/10/2024	1:00	1.3	112.5	08/10/2024	1:00	1.3	112.5
05/10/2024	2:00	0.9	112.5	06/10/2024	2:00	1.3	90	07/10/2024	2:00	0.9	67.5	08/10/2024	2:00	1.3	112.5
05/10/2024	3:00	0.9	67.5	06/10/2024	3:00	0.9	112.5	07/10/2024	3:00	0.9	67.5	08/10/2024	3:00	0.9	90
05/10/2024	4:00	0.9	67.5	06/10/2024	4:00	1.3	112.5	07/10/2024	4:00	0.9	180	08/10/2024	4:00	1.3	112.5
05/10/2024	5:00	0.9	90	06/10/2024	5:00	0.9	22.5	07/10/2024	5:00	0.9	247.5	08/10/2024	5:00	0.9	90
05/10/2024	6:00	0.4	90	06/10/2024	6:00	0.9	67.5	07/10/2024	6:00	1.3	270	08/10/2024	6:00	0.9	112.5
05/10/2024	7:00	0	67.5	06/10/2024	7:00	0.9	90	07/10/2024	7:00	0.9	270	08/10/2024	7:00	0.9	67.5
05/10/2024	8:00	0.4	112.5	06/10/2024	8:00	0.4	135	07/10/2024	8:00	1.3	247.5	08/10/2024	8:00	0.4	112.5
05/10/2024	9:00	0	67.5	06/10/2024	9:00	0.9	90	07/10/2024	9:00	1.3	247.5	08/10/2024	9:00	0.9	67.5
05/10/2024	10:00	0.4	67.5	06/10/2024	10:00	1.3	112.5	07/10/2024	10:00	1.3	292.5	08/10/2024	10:00	1.3	67.5
05/10/2024	11:00	0.4	180	06/10/2024	11:00	0.9	135	07/10/2024	11:00	0.9	112.5	08/10/2024	11:00	0.9	90
05/10/2024	12:00	0.9	247.5	06/10/2024	12:00	0.4	112.5	07/10/2024	12:00	1.3	135	08/10/2024	12:00	0.4	90
05/10/2024	13:00	0.9	270	06/10/2024	13:00	0.4	112.5	07/10/2024	13:00	0.9	112.5	08/10/2024	13:00	0.4	67.5
05/10/2024	14:00	0.9	270	06/10/2024	14:00	0.4	157.5	07/10/2024	14:00	0.9	135	08/10/2024	14:00	0.4	90
05/10/2024	15:00	0.4	247.5	06/10/2024	15:00	0.9	90	07/10/2024	15:00	0.9	112.5	08/10/2024	15:00	0.4	67.5
05/10/2024	16:00	0.4	247.5	06/10/2024	16:00	0.9	112.5	07/10/2024	16:00	1.8	135	08/10/2024	16:00	1.3	67.5
05/10/2024	17:00	0.9	270	06/10/2024	17:00	0.4	90	07/10/2024	17:00	1.3	112.5	08/10/2024	17:00	0.4	247.5
05/10/2024	18:00	0.9	270	06/10/2024	18:00	0	247.5	07/10/2024	18:00	0.4	135	08/10/2024	18:00	0.4	225
05/10/2024	19:00	0.4	247.5	06/10/2024	19:00	0.4	247.5	07/10/2024	19:00	0.4	112.5	08/10/2024	19:00	0.9	270
05/10/2024	20:00	0.4	202.5	06/10/2024	20:00	0	270	07/10/2024	20:00	0.4	135	08/10/2024	20:00	1.3	247.5
05/10/2024	21:00	0.9	247.5	06/10/2024	21:00	0.4	247.5	07/10/2024	21:00	0.9	90	08/10/2024	21:00	1.3	135
05/10/2024	22:00	0.9	135	06/10/2024	22:00	0.4	247.5	07/10/2024	22:00	0.9	90	08/10/2024	22:00	0.9	67.5
05/10/2024	23:00	1.3	67.5	06/10/2024	23:00	1.8	225	07/10/2024	23:00	0.9	67.5	08/10/2024	23:00	0.9	112.5

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

Date	Time	Wind Speed (m/s)	Wind Direction												
09/10/2024	0:00	0.9	90	10/10/2024	0:00	0.9	112.5	11/10/2024	0:00	0.4	90	12/10/2024	0:00	0.4	135
09/10/2024	1:00	0.9	112.5	10/10/2024	1:00	1.3	270	11/10/2024	1:00	0.4	112.5	12/10/2024	1:00	0.4	112.5
09/10/2024	2:00	0.4	135	10/10/2024	2:00	0.4	45	11/10/2024	2:00	0.4	112.5	12/10/2024	2:00	0.9	135
09/10/2024	3:00	0.4	45	10/10/2024	3:00	0.9	22.5	11/10/2024	3:00	0.4	22.5	12/10/2024	3:00	1.3	112.5
09/10/2024	4:00	1.3	112.5	10/10/2024	4:00	0.9	45	11/10/2024	4:00	0.4	67.5	12/10/2024	4:00	0.4	135
09/10/2024	5:00	0.9	90	10/10/2024	5:00	1.3	22.5	11/10/2024	5:00	0.9	90	12/10/2024	5:00	0.4	112.5
09/10/2024	6:00	1.3	22.5	10/10/2024	6:00	1.3	22.5	11/10/2024	6:00	0.9	135	12/10/2024	6:00	0.9	135
09/10/2024	7:00	1.3	90	10/10/2024	7:00	1.3	22.5	11/10/2024	7:00	0.9	90	12/10/2024	7:00	0.9	135
09/10/2024	8:00	0.4	45	10/10/2024	8:00	0.9	22.5	11/10/2024	8:00	0.4	112.5	12/10/2024	8:00	0.4	112.5
09/10/2024	9:00	0.4	90	10/10/2024	9:00	1.3	112.5	11/10/2024	9:00	0.4	135	12/10/2024	9:00	0.9	112.5
09/10/2024	10:00	0.4	90	10/10/2024	10:00	0.9	112.5	11/10/2024	10:00	1.3	112.5	12/10/2024	10:00	0.9	90
09/10/2024	11:00	0.4	112.5	10/10/2024	11:00	0.9	315	11/10/2024	11:00	0.9	22.5	12/10/2024	11:00	0.9	67.5
09/10/2024	12:00	0.9	45	10/10/2024	12:00	0.9	337.5	11/10/2024	12:00	0.4	22.5	12/10/2024	12:00	0.9	112.5
09/10/2024	13:00	0.4	135	10/10/2024	13:00	0.4	112.5	11/10/2024	13:00	0.9	22.5	12/10/2024	13:00	1.3	180
09/10/2024	14:00	0.9	112.5	10/10/2024	14:00	0.9	90	11/10/2024	14:00	0.9	90	12/10/2024	14:00	1.3	337.5
09/10/2024	15:00	0.9	135	10/10/2024	15:00	1.3	112.5	11/10/2024	15:00	0.9	90	12/10/2024	15:00	1.3	22.5
09/10/2024	16:00	0.4	135	10/10/2024	16:00	0.9	112.5	11/10/2024	16:00	0.9	90	12/10/2024	16:00	0.9	112.5
09/10/2024	17:00	0.4	22.5	10/10/2024	17:00	0.9	90	11/10/2024	17:00	0.4	135	12/10/2024	17:00	0.9	112.5
09/10/2024	18:00	1.3	45	10/10/2024	18:00	1.3	90	11/10/2024	18:00	0.4	315	12/10/2024	18:00	0.4	22.5
09/10/2024	19:00	0.9	135	10/10/2024	19:00	1.8	112.5	11/10/2024	19:00	0.4	112.5	12/10/2024	19:00	0.9	247.5
09/10/2024	20:00	1.3	202.5	10/10/2024	20:00	0.9	112.5	11/10/2024	20:00	0.9	270	12/10/2024	20:00	1.3	225
09/10/2024	21:00	1.3	112.5	10/10/2024	21:00	0.9	90	11/10/2024	21:00	0.4	270	12/10/2024	21:00	1.3	270
09/10/2024	22:00	0.4	112.5	10/10/2024	22:00	0.9	112.5	11/10/2024	22:00	1.3	270	12/10/2024	22:00	0.9	247.5
09/10/2024	23:00	1.8	135	10/10/2024	23:00	0.4	225	11/10/2024	23:00	0.9	270	12/10/2024	23:00	0.9	135

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

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

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

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

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

Date	Time	Wind Speed (m/s)	Wind Direction												
21/10/2024	0:00	0.4	90	22/10/2024	0:00	0.4	45	23/10/2024	0:00	0.9	67.5	24/10/2024	0:00	0.9	112.5
21/10/2024	1:00	1.3	90	22/10/2024	1:00	1.3	135	23/10/2024	1:00	0.4	90	24/10/2024	1:00	0.9	67.5
21/10/2024	2:00	0.9	112.5	22/10/2024	2:00	1.3	135	23/10/2024	2:00	0.4	22.5	24/10/2024	2:00	1.3	90
21/10/2024	3:00	0.4	202.5	22/10/2024	3:00	1.3	112.5	23/10/2024	3:00	1.3	135	24/10/2024	3:00	0.4	135
21/10/2024	4:00	0.4	45	22/10/2024	4:00	0.9	112.5	23/10/2024	4:00	0.9	135	24/10/2024	4:00	0.4	135
21/10/2024	5:00	1.3	337.5	22/10/2024	5:00	0.4	90	23/10/2024	5:00	0.4	90	24/10/2024	5:00	1.3	112.5
21/10/2024	6:00	0.9	135	22/10/2024	6:00	0.4	67.5	23/10/2024	6:00	0.4	45	24/10/2024	6:00	0.9	112.5
21/10/2024	7:00	0.4	112.5	22/10/2024	7:00	0.9	90	23/10/2024	7:00	0.9	135	24/10/2024	7:00	0.9	247.5
21/10/2024	8:00	0.9	22.5	22/10/2024	8:00	0.4	292.5	23/10/2024	8:00	0.9	135	24/10/2024	8:00	1.3	225
21/10/2024	9:00	0.9	45	22/10/2024	9:00	0.9	112.5	23/10/2024	9:00	0.4	22.5	24/10/2024	9:00	1.3	157.5
21/10/2024	10:00	0.9	135	22/10/2024	10:00	0.4	45	23/10/2024	10:00	0.4	112.5	24/10/2024	10:00	0.9	315
21/10/2024	11:00	0.9	112.5	22/10/2024	11:00	0.4	90	23/10/2024	11:00	0.4	112.5	24/10/2024	11:00	0.4	67.5
21/10/2024	12:00	1.3	135	22/10/2024	12:00	1.3	67.5	23/10/2024	12:00	0.4	112.5	24/10/2024	12:00	0.4	112.5
21/10/2024	13:00	1.3	135	22/10/2024	13:00	0.9	112.5	23/10/2024	13:00	0.4	112.5	24/10/2024	13:00	1.3	135
21/10/2024	14:00	0.9	22.5	22/10/2024	14:00	0.4	112.5	23/10/2024	14:00	0.9	135	24/10/2024	14:00	0.9	112.5
21/10/2024	15:00	0.4	112.5	22/10/2024	15:00	0.4	112.5	23/10/2024	15:00	0.4	135	24/10/2024	15:00	0.4	112.5
21/10/2024	16:00	0.4	112.5	22/10/2024	16:00	0.9	315	23/10/2024	16:00	0.4	22.5	24/10/2024	16:00	0.4	90
21/10/2024	17:00	1.3	112.5	22/10/2024	17:00	0.9	337.5	23/10/2024	17:00	0.9	112.5	24/10/2024	17:00	0.9	67.5
21/10/2024	18:00	0.9	112.5	22/10/2024	18:00	0.4	112.5	23/10/2024	18:00	0.4	112.5	24/10/2024	18:00	0.9	90
21/10/2024	19:00	0.4	315	22/10/2024	19:00	0.4	90	23/10/2024	19:00	0.9	112.5	24/10/2024	19:00	0.4	292.5
21/10/2024	20:00	0.4	67.5	22/10/2024	20:00	0.4	112.5	23/10/2024	20:00	1.8	112.5	24/10/2024	20:00	0.4	112.5
21/10/2024	21:00	1.3	112.5	22/10/2024	21:00	0.4	112.5	23/10/2024	21:00	0.1	315	24/10/2024	21:00	0.4	45
21/10/2024	22:00	0.4	90	22/10/2024	22:00	1.3	90	23/10/2024	22:00	0.9	67.5	24/10/2024	22:00	0.4	90
21/10/2024	23:00	0.9	22.5	22/10/2024	23:00	0.4	67.5	23/10/2024	23:00	0.4	135	24/10/2024	23:00	0.4	45

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

Date	Time	Wind Speed (m/s)	Wind Direction												
25/10/2024	0:00	1.3	45	26/10/2024	0:00	0.9	225	27/10/2024	0:00	0.9	22.5	28/10/2024	0:00	1.8	135
25/10/2024	1:00	0.9	45	26/10/2024	1:00	0.4	225	27/10/2024	1:00	1.3	22.5	28/10/2024	1:00	1.8	202.5
25/10/2024	2:00	1.3	45	26/10/2024	2:00	0.9	292.5	27/10/2024	2:00	0.9	180	28/10/2024	2:00	0.9	112.5
25/10/2024	3:00	0.9	45	26/10/2024	3:00	0.9	247.5	27/10/2024	3:00	0.9	90	28/10/2024	3:00	0.9	67.5
25/10/2024	4:00	0.9	45	26/10/2024	4:00	0.9	270	27/10/2024	4:00	0.4	135	28/10/2024	4:00	0.9	67.5
25/10/2024	5:00	0.9	270	26/10/2024	5:00	0.9	337.5	27/10/2024	5:00	0.4	202.5	28/10/2024	5:00	0	67.5
25/10/2024	6:00	0.4	90	26/10/2024	6:00	0.9	22.5	27/10/2024	6:00	0.9	112.5	28/10/2024	6:00	0.4	90
25/10/2024	7:00	0.9	112.5	26/10/2024	7:00	0.9	112.5	27/10/2024	7:00	0.4	67.5	28/10/2024	7:00	0.9	22.5
25/10/2024	8:00	0.9	90	26/10/2024	8:00	0.4	67.5	27/10/2024	8:00	1.3	67.5	28/10/2024	8:00	0.9	112.5
25/10/2024	9:00	0.9	112.5	26/10/2024	9:00	0.4	67.5	27/10/2024	9:00	0.9	67.5	28/10/2024	9:00	0.9	112.5
25/10/2024	10:00	0.4	67.5	26/10/2024	10:00	0.4	90	27/10/2024	10:00	0.4	90	28/10/2024	10:00	0.4	112.5
25/10/2024	11:00	0.9	112.5	26/10/2024	11:00	0.9	90	27/10/2024	11:00	0.4	22.5	28/10/2024	11:00	1.3	112.5
25/10/2024	12:00	0.9	67.5	26/10/2024	12:00	1.3	67.5	27/10/2024	12:00	0.4	112.5	28/10/2024	12:00	0.9	135
25/10/2024	13:00	0.9	157.5	26/10/2024	13:00	0.9	112.5	27/10/2024	13:00	0.9	112.5	28/10/2024	13:00	0.4	202.5
25/10/2024	14:00	0.9	202.5	26/10/2024	14:00	0.9	112.5	27/10/2024	14:00	0.9	112.5	28/10/2024	14:00	0.9	112.5
25/10/2024	15:00	0.9	90	26/10/2024	15:00	0.9	337.5	27/10/2024	15:00	0.4	112.5	28/10/2024	15:00	0.9	67.5
25/10/2024	16:00	0.9	112.5	26/10/2024	16:00	0.9	67.5	27/10/2024	16:00	0.4	112.5	28/10/2024	16:00	1.3	67.5
25/10/2024	17:00	0.4	67.5	26/10/2024	17:00	1.8	67.5	27/10/2024	17:00	0.9	135	28/10/2024	17:00	0.9	67.5
25/10/2024	18:00	0.4	112.5	26/10/2024	18:00	1.3	90	27/10/2024	18:00	0.4	22.5	28/10/2024	18:00	1.3	90
25/10/2024	19:00	0.4	67.5	26/10/2024	19:00	1.8	90	27/10/2024	19:00	0.4	67.5	28/10/2024	19:00	1.3	22.5
25/10/2024	20:00	0.9	157.5	26/10/2024	20:00	0.4	67.5	27/10/2024	20:00	0.4	292.5	28/10/2024	20:00	0.9	112.5
25/10/2024	21:00	1.3	202.5	26/10/2024	21:00	0.4	112.5	27/10/2024	21:00	0.4	22.5	28/10/2024	21:00	0.9	112.5
25/10/2024	22:00	0.9	225	26/10/2024	22:00	0.4	135	27/10/2024	22:00	0.4	337.5	28/10/2024	22:00	0.9	112.5
25/10/2024	23:00	0.9	157.5	26/10/2024	23:00	0.4	22.5	27/10/2024	23:00	0.9	112.5	28/10/2024	23:00	0.9	112.5

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

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

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

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

Start Date	Weather	Air Temp.	Atmospheric Pressure	Filter we	eight (g)	Particulate	Elapse	e Time	Sampling Time	Flow (cf		Av. Flow	Total vol.	Conc.
		(°C)	(hPa)	Initial	Final	weight (g)	Initial	Final	(min)	Initial	Final	(m ³ /min)	(m ³)	$(\mu g/m^3)$
5/10/2024	Sunny	31.8	1013.3	14.3386	14.3963	0.0577	2024/10/5 13:10	2024/10/6 13:10	1440	50	50	1.36	1952	30
10/10/2024	Cloudy	30.8	1013.0	14.4395	14.4992	0.0597	2024/10/10 9:05	2024/10/11 9:05	1440	50	50	1.37	1966	30
16/10/2024	Sunny	30.1	1014.5	14.6887	14.7446	0.0559	2024/10/16 9:10	2024/10/17 9:10	1440	52	52	1.42	2047	27
22/10/2024	Sunny	33.2	1013.7	15.3858	15.4867	0.1009	2024/10/22 13:20	2024/10/23 13:20	1440	50	50	1.35	1939	52
28/10/2024	Cloudy	25.1	1010.1	14.4691	14.5473	0.0782	2024/10/28 13:15	2024/10/29 13:15	1440	52	52	1.41	2037	38
												Maxim	num	52
												Minim	um	27

Location: AM2(A) – Ng Wah Catholic Secondary School

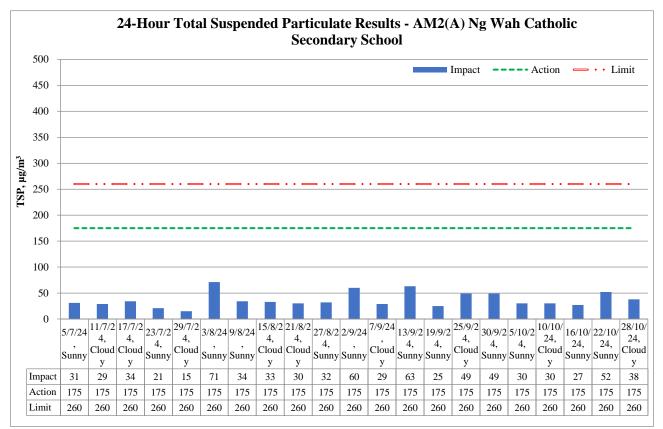
Maximum52Minimum27Average36Action Level175Limit Level260

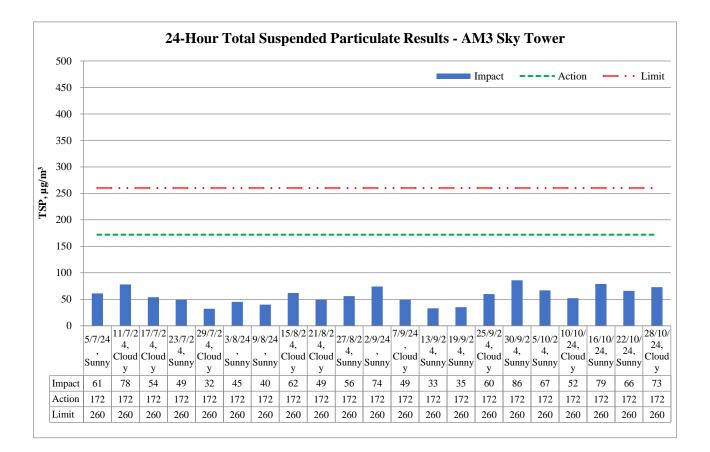
Location: AM3	– Sky	Tower
---------------	-------	-------

Start Date	Weather	Air Temp.	Atmospheric Pressure	Filter w	eight (g)	Particulate weight (g)	Elapse	e Time	Sampling Time	Flow (cfi		Av. Flow	Total vol.	Conc. $(\mu g/m^3)$
		(°C)	(hPa)	Initial	Final	weight (g)	Initial	Final	(min)	Initial	Final	(m ³ /min)	(m ³)	(µg/m)
5/10/2024	Sunny	31.8	1013.3	15.1493	15.2722	0.1229	2024/10/5 9:28	2024/10/6 9:28	1440	46	46	1.27	1830	67
10/10/2024	Cloudy	30.8	1013.0	17.6351	17.7294	0.0943	2024/10/10 13:29	2024/10/11 13:29	1440	46	46	1.26	1819	52
16/10/2024	Sunny	30.1	1014.5	15.1551	15.2983	0.1432	2024/10/16 13:24	2024/10/17 13:24	1440	46	46	1.27	1823	79
22/10/2024	Sunny	33.2	1013.7	14.4565	14.5817	0.1252	2024/10/22 9:37	2024/10/23 9:37	1440	48	48	1.32	1901	66
28/10/2024	Cloudy	25.1	1010.1	19.0887	19.2238	0.1351	2024/10/28 9:21	2024/10/29 9:21	1440	46	46	1.28	1842	73
												Maxir	num	79

Maximum	79
Minimum	52
Average	67
Action Level	172
Limit Level	260

24-hour average TSP





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

		Reportin	g Period	
Factors might affect the monitoring results	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Non-project related construction activities in the adjacent construction sites were observed.	\checkmark	~	~	~

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

	Date	Measure	men	nt Period	1-hr TSP concentration, $\mu g/m^3$	Weather
Location:		13:00	-	14:00	40	
AM2(A) –	5/10/2024	14:00	-	15:00	46	Sunny
Ng Wah Catholic		15:00	-	16:00	45	
Secondary School		9:00	-	10:00	35	
Secondary Senoor	10/10/2024	10:00	-	11:00	37	Cloudy
		11:00	-	12:00	33	
ĺ		9:00	-	10:00	51	
	16/10/2024	10:00	-	11:00	53	Sunny
		11:00	-	12:00	59	
		13:00	-	14:00	57	
	22/10/2024	14:00	-	15:00	54	Sunny
		15:00	-	16:00	55	
		13:00	-	14:00	43	
	28/10/2024	14:00	-	15:00	43	Cloudy
		15:00	-	16:00	50	
		laximum			59	
		linimum			33	
		Average			47	
		tion Level mit Level			<u> </u>	
l	Li	mit Level			500	

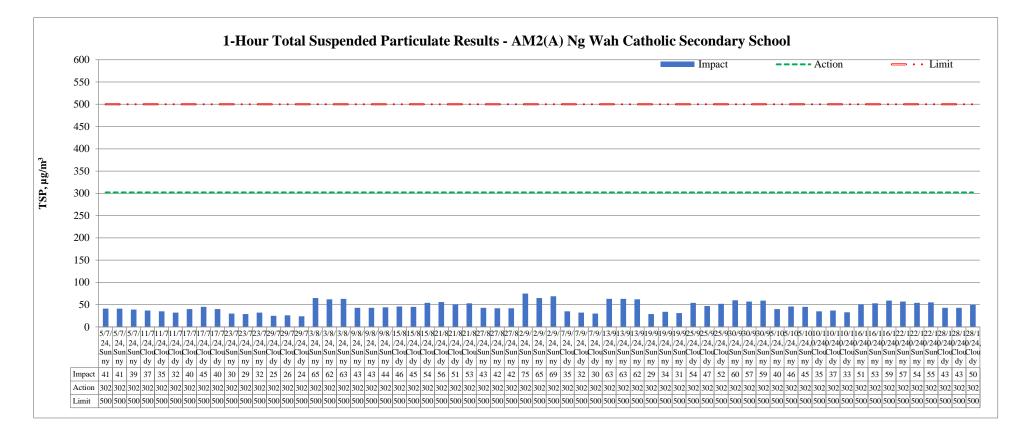
Date	Measure	eme	nt Period	1-hr TSP concentration, μg/m ³	Weather
	9:00	-	10:00	58	
5/10/2024	10:00	-	11:00	67	Sunny
	11:00	-	12:00	66	
	13:00	-	14:00	44	
10/10/2024	14:00	-	15:00	48	Cloudy
	15:00	-	16:00	50	1
	13:00	-	14:00	66	
16/10/2024	14:00	-	15:00	66	Sunny
	15:00	-	16:00	68	
	9:00	-	10:00	59	
22/10/2024	10:00	-	11:00	65	Sunny
	11:00	-	12:00	72	
	9:00	-	10:00	74	
28/10/2024	10:00	-	11:00	73	Cloudy
	11:00	-	12:00	78]
1	Maximum			78	
]	Minimum			44	
	Average			64	
	ction Leve			301	
L	imit Leve	l		500	

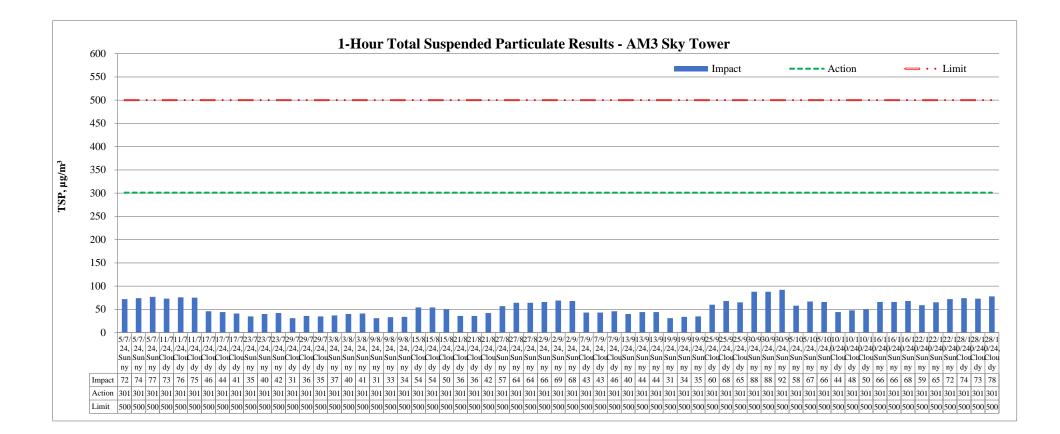
Location:

AM3 -

Sky Tower







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

		Reportin	g Period	
Factors might affect the monitoring results	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Non-project related construction activities in the adjacent construction sites were observed.	\checkmark	~	~	~

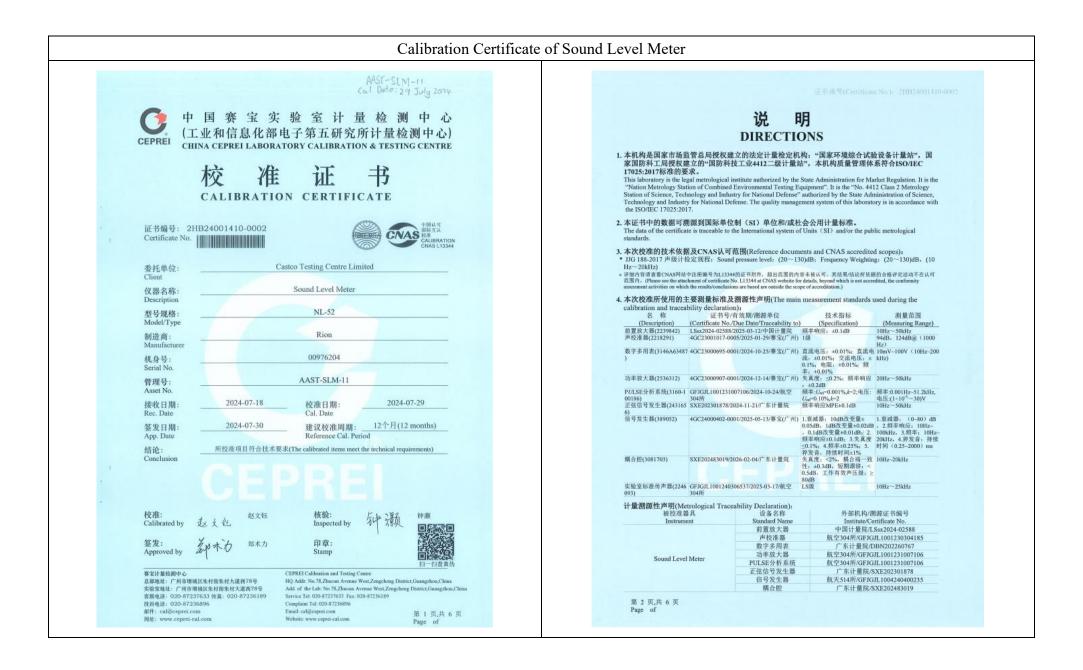
Appendix I – Event and Action Plan for air quality

		Action	
Event	ЕТ	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 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 sampling	 Identify source and investigate the causes of exceedance; Inform Contractor, IEC 	 Check monitoring data submitted by ET; Check Contractor's working method; Check Contractor's Contractor; Notify Contractor; 	 Discuss with ET and IEC on proper remedial actions; Submit proposals for
	 and Supervisor /ER; 3. Increase monitoring frequency to daily; 4. Discusse with UEC and 	 Discuss with ET and Contractor on possible remedial measures; In consolidation with the IEC, agree with the Contractor on the remedial 	remedial actions to Supervisor /ER and IEC within three working day
	 4. Discuss with IEC and Contractor on remedial actions required; 5. Assess the effectiveness of 	 Advise the Supervisor /ER on the effectiveness of the proposed remedial measures. Mathematical measures in the supervisor /ER implementation in the effectiveness of the proposed remedial measures; Mathematical measures in the supervisor /ER implementation in the effectiveness of the proposed remedial measures; 	of notification; 3. Implement the agreed proposals; 4. Amend proposal if
	Contractor's remedial actions;6. If exceedance continues,	5. Conduct meeting with ET and IEC if exceedance continues.	appropriate.
	arrange meeting with IEC and Supervisor /ER;7. If exceedance stops, cease additional monitoring.		
Limit Level being exceeded by one sampling	investigate the causes of exceedance;	 Check monitoring data submitted by ET; Check Contractor's Confirm receipt of notification of exceedance in writing; 	 Take immediate action to avoid further exceedance; Discuss with ET and IEC
	 Inform Contractor, IEC, Supervisor /ER, and EPD; Repeat measurement to 	 working method; Discuss possible remedial measures with ET and Notify Contractor; In consolidation with the IEC, agree with the 	on proper remedial actions; 3. Submit proposal for
	 Kepeat inteastrement to confirm finding; Assess effectiveness of 	InclusionE TandIEC,agreewiththeContractor;Contractor on the remedial4.Advise the Supervisor /ERmeasurestobe	remedial actions to Supervisor /ER and IEC

E (Act	tion	
Event	ЕТ	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 informed of the results; 	 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.			

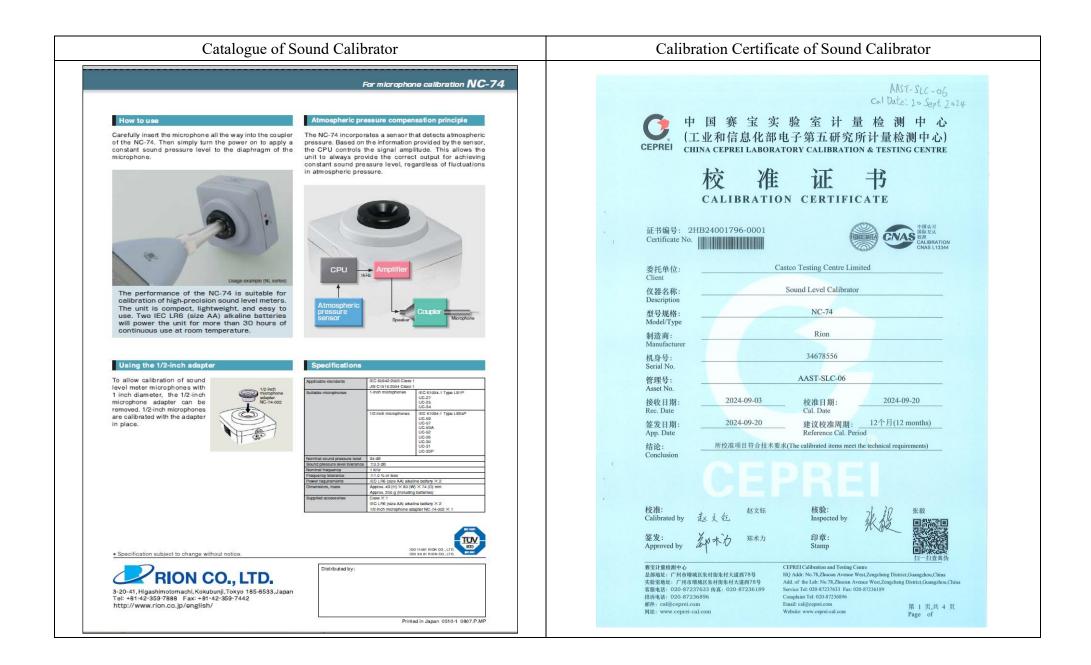
Appendix J – Calibration certificates, catalogue of noise monitoring equipment

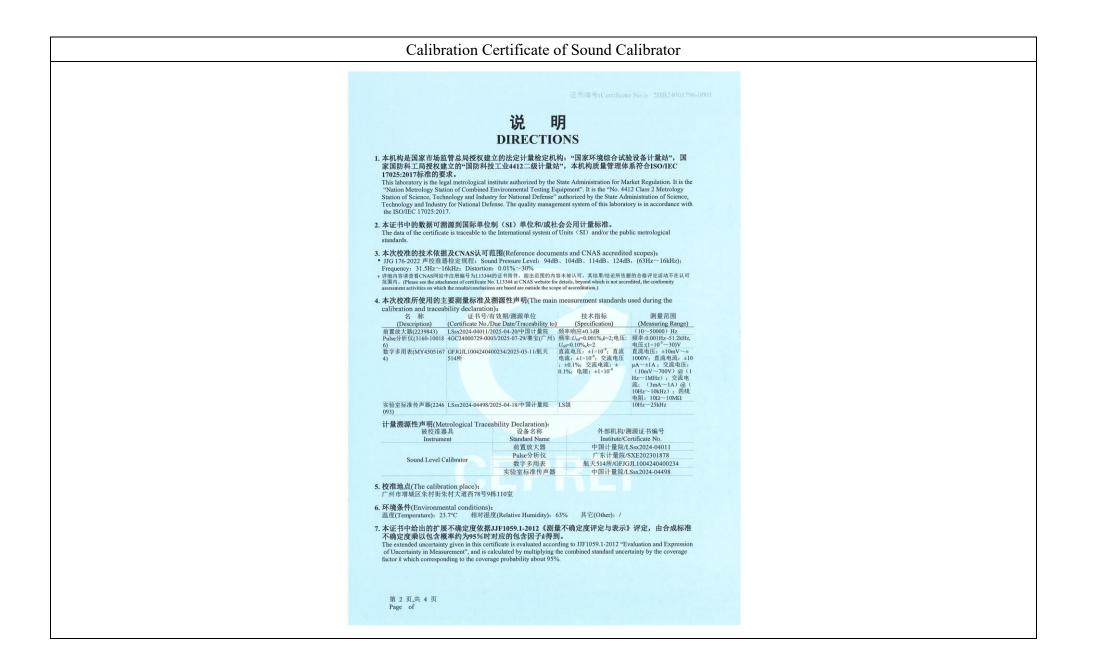
Spec	ifications	Å	Ä					
		120. J	[420]		recall		Allows viewing of stored data	
		NL-52 🔯	NL-42 🔯	Setup	o memor	У	Up to five setup configurations ca Start up via file settings previou	an be saved in internal memory, for later rec sly stored on SD card possible
Applicable	e standards	IEC 61672-1: 2002 Class 1 ANSI S1.4-1983 Type 1	TEC 61672-1: 2002 Class 2 ANSI S1.4-1983 Type 2		form reco			
		ANSI S1.4A-1985 Type 1	ANSI S1.4A-1985 Type 2		le format impling fre		Uncompressed waveform WAV Select 48 kHz, 24 kHz or 12 kH	
		ANSI S1.43-1997 Type 1 JIS C 1509-1: 2005 Class 1	ANSI S1.43-1997 Type 2 IS C 1509-1: 2005 Class 2		ata lengt		Select 24 bit or 16 bit	L
			8. C, Low Voltage Directive 2006/95/EC),	Outputs	s DC ou	tput put voltage	Output DC signals using a frequent 2.5 V, 25 mV / dB at bar graph of	y weighting characteristic selected by processi
Measurer	nent functions	WEEE Directives, Chinese RoHS (Simultaneous measurement of the			AC ou			ency weighting characteristic selected by
		weighting and frequency weighting				put voltage	processing or by A, C, Z-weight 1 V (rms values) at bar graph di	
Proces	sing (main ch)	Instantaneous sound pressure leve Equivalent continuous sound press			Comp		Turns on when the open-collect	or output exceeds the set value
		Sound exposure level: LE		USB	output	*2		current 60 mA, allowable dissipation 300 mM computer and recognized as a removable d
		Maximum sound pressure level: Lm Minimum sound pressure level: Lm		12 22 2			Allows USB to be controlled via c	
			9.9 %, 0.1-increment steps, max. 5 values)			nmunication	Allows for RS-232C communication	ation via use of a dedicated cable
	sing (sub ch) nal processing	Instantaneous sound pressure leve	I: Lp s, one of the following can be selected	Ту	pe of In	us output * 2 stantaneous value	Lp	
Guido	nar processing	for simultaneous processing:	s, one of the following call be selected	da	ita Pi utput inte	rocessed value	Leq, Lmax, Lmin, Lpeak 100 ms	
		C-weighted equivalent continuous C-weighted peak sound level: Lcpe		Print	out		Printing of measurement results	
		Z-weighted peak sound level: Lcpe Z-weighted peak sound level: Lcpe			er require			e or rechargeable batteries) or external power supp Ni-MH secondary battery: 25 h
		I-time-weighted equivalent continuous Maximum I-time-weighted equivalent		Ba	attery life	(23 C)	At the maximum * Depends on	
		Maximum 1-time-weighted equivalent The power average of the maximum le	-		C adapte		NC-98C (NC-34 for previous me	odels cannot be used)
			cessing synchronizes with the frequency weighting			ower voltage	5 to 7 V (rated voltage: 6 V) Approximately 90 mA (normal of	peration, rated voltage)
		of the sub-channel, so when the sub-channe When C-weighting (Z-weighting) is select	has A-weighting, LAtm5 can be selected. ed, the additional processing LCeq and LCpeak	Ambie		emperature	-10 to +50 °C	
		(Lzpeak) are selectable.		condit Dustp		lumidity iter-resistant	10 to 90 % RH (non-condensing IP code: IP54 (except for micro	
Measurin Microphone		10 s, 1, 5, 10, 15, 30 m, 1, 8, 24 h, UC-59	UC-52	perfor	rmance *	4	See precautions regarding wate	
	Sensitivity level	-27 dB	-33 dB		nsions, t lied acce			im(D), approx. 400 g (with batteries) -10 x 1, Windscreen fall prevention rubber x 1
Measurer	nent range	A-weighting: 25 dB to 138 dB C-weighting: 33 dB to 138 dB						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: 55 c Z-weighting peak sound level: 60 d		Opti	ions			
Inherent	A-weighting	17 dB or less	19 dB or less	Exter	nded fun		duct name m (Inst.on 512 MB SD card)	Product number NX-42EX
noise	C-weighting Z-weighting	25 dB or less 30 dB or less	27 dB or less 32 dB or less	Wave	eform re	cording prog	ram*2 (Inst.on 2 GB SD card)	NX-42WR
Frequenc	y range	20 Hz to 20 kHz	20 Hz to 8 kHz				vsis program*2 (Inst.on 512 MB SD card) Inst.on 512 MB SD card)	NX-42RT NX-42FT
Frequenc Time weig	y weighting	A, C, and Z F (Fast) and S (Slow)					for environmental measurement	AS-60
Level ran		Single range (Linearity range: 113	dB)	Data (Inclue	manager des the o	ment software ctave and 1/3	for environmental measurement octave data management software)	AS-60RT
	h display range max g of bar graph display	Max. 110 dB (20 to 130 dB) Set the upper/ lower limit in 10 dB i	peramants	Data (Inclu	managei ides the	nent software vibration lev	for environmental measurement el data management software)	AS-60∨M
RMS dete	ection circuit	Digital processing method		Wave	əform an	alysis softwa	ire	CAT-WAVE
Sampling	cycle	20.8 µs (Lp, Leq, LE, Lmax, Lmin, Lpe 100 ms (LN)	ik : sampling frequency: 48 kHz)		Card 512 Card 2 G			SD-512M SD-2G
Calibratio	n		performed according to IEC and JIS standards,			100 ∨ to 240	V)	NC-98C
Corroctio	n functions	using internally generated signals: acous Windscreen correction:	tic calibration performed with the NC-74.		ery pack	extension cat	bles	BP-21 EC-04 (from 2 m)
Concours	in ranouono		09-1 standards when the windscreen is installed.	BNC-	-Pin out	out code		CC-24
		Diffuse sound field correction:	stics in order to comply with standards	Printe		output cable		CC-42C DPU-414
		(ANSI S1.4) in diffuse sound field.		Printe	er cable			CC-42P
Delay tim	e		ing a specified time (OFF, 1, 3, 5 or 10 s) ed or when a user-set trigger is exceeded.		32C ser cable	ial 1/O cable		CC-42R
Back eras	se function		pause measurement, the preceding	Soun	nd calibra			NC-74
Display		(user selectable) 0, 1, 3 or 5 s data				vindscreen mounting ada	pter	WS-15 WS-15006
Display		* LCD with touch panel (Capacitive	CD display WQVGA (400 x 240 dots) Touch Panel)	Rain-	-protecti	on windscree		WS-16
Storella	apual		sEEBar graph update frequency: 100 ms red manually in single address increments.			neter tripod /indscreen tri	bod	ST-80 ST-81
Store Ma	inual Number of data	Data for measurement results are sto Internal memory: max. 1000 sets	rea manualiy in single address increments.	*1 Use	e Rion ful	ly guaranteed p	products. *2 NX-42EX required (sold s	separately). *3 NX-42WR required (sold separat
	to #2	SD Card: depends on the capacity					ful dust and water splashing from aterproofing	any direction.
EEEAu	10*2	Instantaneous values (Lp mode) an stored continuously and automatica		Before	e use, ve	rify that the ru	bber bottom cover and the battery	compartment lid are firmly closed. blacement is required every two years (at cos
	Lp sampling cycle			to ma	intain the	water and di	ist proor raung, internar packing rep	placement is required every two years (at cos
	Leg sampling cycle Measurement Time	10 s, 1, 5, 10, 15, 30 ms, 1, 8, 24 h Max. 1000 h (depends on the capa						ISO 14001
		rk of Microsoft Corporation. to change without notice.						ISO 14001 RION CO., LTD. ISO 9001 RION CO., LTD.
	-	-						
Distribu	nea by:							
				$\boldsymbol{\mathcal{L}}$				0., LTD.
							tp://www.rion.co.jp/eng	
				3-20	0-41,	Higashii	motomachi, Kokubu	nji, Tokyo 185-8533, Japa
							7888 Fax: +81-42-	

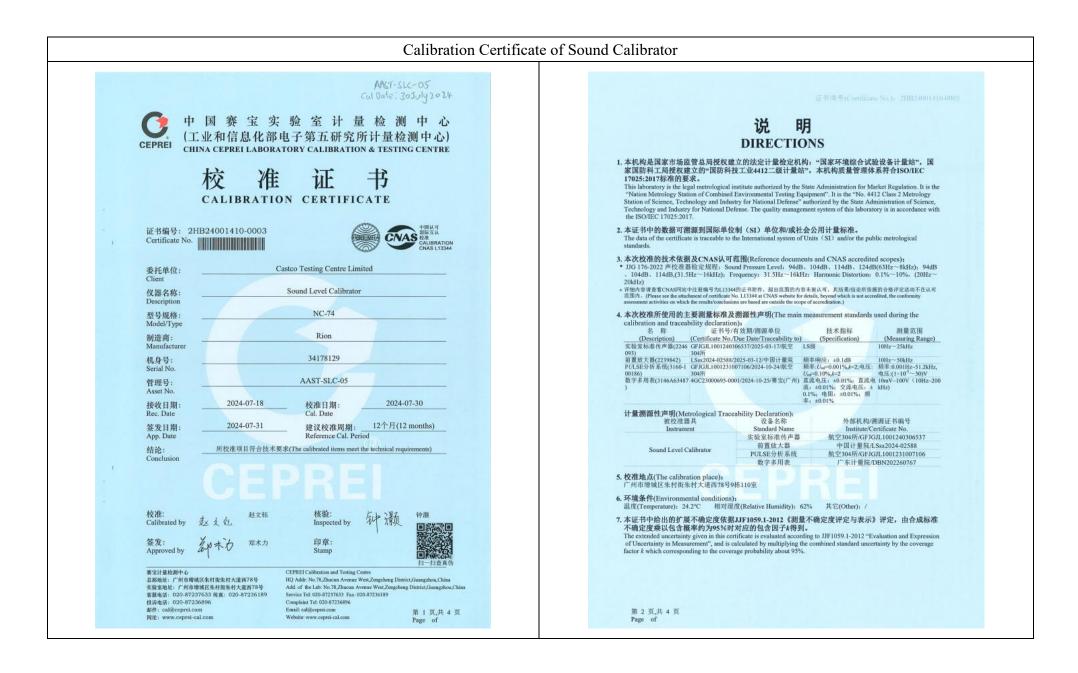


Sound Level Meter 实验室标准传声器 航空304所/GFJGJL1001240306537	G					
 技准地点(The calibration place): 广州市坦城区朱村街朱村大道西78号9栋110室 	CEPREI		证书编号(Cert	ficate No.): 21	HB24001410	-0002
 环境条件(Environmental conditions); 温度(Temperature): 23.3°C 相对證度(Relative Humidity): 66% 其它(Other): / 	1 外观与工作正常性检查(A 无影响证书中源量结)	ppearance and Function C 果准确度的因素和缺陷。	heck)			
7. 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 不确定度乘以包含概率约为95%时对应的包含因子k得到。		I defect that affect the mea	surement result accura	y of the certifica	ite.	
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 factor k which corresponding to the coverage probability about 95%.	 指示声级调整 (Indication 5 传声器型号 	SPL Calibration) 传声器编号	放大器		equency)-100 放大器编号	0Hz
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 内","N/A"代表"不适用或这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	(Microphone Type) /	(Microphone SN.)	(Preamplif		eamplifier SN	.)
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 LimitSthe measured value SHigh Limit", "F" and "Fail" stand for "the measured value=Low 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 uncertainty, etc.	(Calibrator Type)	(Reference SPL) (dB)	(Before Adjust) (dB)	(After A	Adjust) 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,供委托方有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		4.0	
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 actual use.	3 级线性 (Level Linearity) 3.1 参考级量程 (Reference)	Range)	插来(1	requency): 8000	u.,	
	标准声级	指示声级	误差	允许误差	nz 结论	U
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 approval of the laboratory.)	(Standard)	(Indication)	(Error)		(Pass/Fail)	(k-2)
approvator inc anomatory (The results are only related to the items calibrated.)	(dB)	(dB)	(dB)	(dB)	(P/F)	(dB)
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	130.0	129.9	-0.1	±0.8	Р	0.3
上标注,委托方对上面内容如有异议,须在改到证书后二十个工作日内提出。	129.0	128.9	-0.1	±0.8	Р	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	127.9	-0.1	±0.8	Р	0.3
No, and Equipment No, are marked on the netros cheful shart submit any objection while 20 working days and receiving the certificate for the information above.	127.0	126.9	-0.1	±0.8	Р	0.3
receiving an extension of the anti-	126.0	125.9	-0.1	±0.8	Р	0.3
	125.0	124.9	-0.1	±0.8	Р	0.3
	120.0	119.9	-0.1	±0.8	Р	0.3
	110.0	110.0	0.0	±0.8	Р	0.3
	100.0	100.0	0.0	±0.8	Р	0.3
	90.0	90.0	0.0	±0.8	Р	0.3
	80.0 70.0	79.9	-0.1	±0.8	Р	0.3
	60.0	60.0	-0.1	±0.8	P	0.3
	50.0	49,9	0.0 -0.1	±0.8 ±0.8	P	0.3
	40.0	39.9	-0.1	±0.8 ±0.8	P	0.3
	35.0	34.8	-0.1	±0.8 ±0.8	P	0.3 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	30.8	-0.2	±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			

<page-header><text></text></page-header>							
除海市岐 西京市湖 夏菜 免け菜菜 付く (4.2) (4.69) (4.6	CEPREI		证书编号(Certificate No.):	2HB24001410	-0002	
(Smach) (Пабелзіон) (Пане) (Рев'Рай) (6-2) (街) (日) (H) (H) (H) (H) (H) 1300 1293 -0.1 40.8 P 0.3 1200 128.9 -0.1 40.8 P 0.3 125.0 127.9 -0.1 40.8 P 0.3 125.0 127.9 -0.1 40.8 P 0.3 125.0 124.9 -0.1 40.8 P 0.3 125.0 124.9 -0.1 40.8 P 0.3 120.0 119.9 -0.1 40.8 P 0.3 100.0 100.0 0.0 40.8 P 0.3 90.0 90.0 0.0 40.8 P 0.3 90.0 90.0 0.0 40.8 P 0.3 90.0 50.0 0.0 40.8 P 0.3 90.0 33.9 4.1 40.8 P 0.3 35.0 29.8 4.2 40.8 P							
(00) (00) (00) (00) (00) (00) 1200 1289 0.1 0.8 P 0.3 1200 1279 0.1 0.8 P 0.3 1200 1279 0.1 0.8 P 0.3 1200 1279 0.1 0.8 P 0.3 1200 1299 0.1 0.8 P 0.3 1200 1299 0.1 0.8 P 0.3 1200 1199 0.1 0.8 P 0.3 1000 100.9 0.0 0.8 P 0.3 900 0.0 0.8 P 0.3 900 339 0.2 0.8 P 0.3 910 31.8 0.2 0.8							
1300 129 -0.1 -0.8 P 0.3 1250 1259 -0.1 -0.8 P 0.3 1260 1060 0 -0.8 P 0.3 1060 1060 0 -0.8 P 0.3 1060 1060 0.0 -0.8 P 0.3 1060 0.0 -0.8 P 0.3 500 500 0.0 -0.8 P 0.3 530 34.9 -0.1 -0.8 P 0.3 330 32.8 -0.2 -0.8 P 0.3 330 32.8 -0.2 -0.8 P 0.3 30.0 29.							
1290 129 01 08 P 03 1250 1259 01 0.8 P 03 1250 1259 0.1 0.8 P 03 1250 1259 0.1 0.8 P 03 1250 129 0.1 0.8 P 03 1200 1199 0.1 0.8 P 03 1200 1000 00 0.8 P 03 1000 1000 00 0.8 P 03 900 900 0.0 408 P 03 900 900 4.0 4.0 9 3 900 300 2.0 8 P 03 310 32.0 32.4 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
1280 1270 1270 1269 1269 1269 1249 0.1 0.8 P 0.3 1250 125 0 124 0 100 109 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							
1260 1259 0.1 0.8 P 0.3 1250 1249 0.1 0.8 P 0.3 1100 1100 0.0 4.8 P 0.3 1000 1000 0.0 4.8 P 0.3 1000 1000 0.0 4.8 P 0.3 1000 100 0.0 4.8 P 0.3 1000 1.1 4.8 P 0.3 1000 2.2.8 4.2 4.0.8 P 0.3 1000 2.2.8 4.2 4.0.8 P 0.3 1000 2.9.8 4.2 4.0.8 P 0.3 100 2.9.8 4.2 4.							
1250 1259 -0.1 -0.8 P 0.3 1250 1249 -0.1 -0.8 P 0.3 1000 1100 0.0 -0.8 P 0.3 1000 1000 0.0 -0.8 P 0.3 1000 900 0.0 -0.8 P 0.3 900 900 0.0 -0.8 P 0.3 900 900 0.0 -0.8 P 0.3 900 700 0.0 -0.8 P 0.3 900 600 0.0 -0.8 P 0.3 900 900 0.0 -0.8 P 0.3 900 900 0.0 -0.8 P 0.3 900 30.0 32.8 -0.2 -0.8 P 0.3 900 29.8 -0.2 -0.8 P 0.3 900 29.8 -0.2 -0.8 P 0.3					Р		
1000 1000 000 40.8 P 0.3 900 000 00 40.8 P 0.3 900 000 40.0 40.8 P 0.3 900 000 40.0 40.8 P 0.3 900 300 0.0 40.8 P 0.3 900 300 0.0 40.8 P 0.3 900 300 0.0 40.8 P 0.3 900 400 0.0 40.8 P 0.3 900 40.8 P 0		125.9			Р		
110.0 110.0 0.0 40.8 P 0.3 100.0 100.0 0.0 40.8 P 0.3 90.0 90.0 0.0 40.8 P 0.3 70.0 70.0 0.0 40.8 P 0.3 90.0 60.0 0.0 40.8 P 0.3 90.0 60.0 0.0 40.8 P 0.3 90.0 90.0 0.0 40.8 P 0.3 90.0 40.0 0.0 40.8 P 0.3 90.0 40.0 0.0 40.8 P 0.3 31.0 33.9 0.1 40.8 P 0.3 32.0 31.8 0.2 40.8 P 0.3 30.0 29.8 0.2 40.8 P 0.3					Р		
1000 1000 00 40.8 P 0.3 900 900 00 40.8 P 0.3 700 700 00 40.8 P 0.3 600 600 00 40.8 P 0.3 600 600 00 40.8 P 0.3 600 600 00 40.8 P 0.3 500 500 00 40.8 P 0.3 300 300 32.8 P 0.3 310 32.8 -0.2 40.8 P 0.3 310 30.8 -0.2 40.8 P 0.3 310 30.8 -0.2 40.8 P 0.3 310 30.8 -0.2 40.8 P 0.3 30.0 22.8 -0.2 40.8 P 0.3 31.0 30.8 -0.2 40.8 P 0.3 30.0 22.8 -0.2 40.8 P 0.3 100 20.8 P<							
900 900 00 408 P 03 800 800 00 408 P 03 600 600 00 408 P 03 500 500 00 408 P 03 500 500 00 408 P 03 500 500 00 408 P 03 350 349 01 408 P 03 350 349 01 408 P 03 310 328 02 408 P 03 320 318 02 408 P 03 300 295 42 408 P 03 400 400 400 408 P 03 405 407 408 P 03<					Р		
800 800 0.0 ±0.8 P 0.3 700 700 0.0 ±0.8 P 0.3 500 500 0.0 ±0.8 P 0.3 400 400 0.0 ±0.8 P 0.3 400 400 0.0 ±0.8 P 0.3 310 33.9 0.1 ±0.8 P 0.3 32.0 31.8 4.2 ±0.8 P 0.3 30.0 29.8 5.2 ±0.8 P 0.3 31.0 30.9 5.9 5.9 5.9 5.9 4.9					P		
700 700 00 40.8 P 0.3 60.0 60.0 0.0 40.8 P 0.3 50.0 50.0 0.0 40.8 P 0.3 40.0 40.0 0.0 40.8 P 0.3 35.0 34.9 0.1 40.8 P 0.3 34.0 32.8 0.2 40.8 P 0.3 32.0 31.8 0.2 40.8 P 0.3 30.0 29.8 0.2 40.8 P 0.3					P		
600 600 00 408 P 03 500 400 00 408 P 03 400 400 00 408 P 03 350 349 4.1 408 P 03 340 35.9 4.1 408 P 03 340 35.9 4.1 408 P 03 340 35.9 4.1 408 P 03 300 32.8 4.2 408 P 03 300 29.8 4.2 408 P 03 300 29.8 4.2 408 P 03 300 29.8 4.2 408 P 03					Р		
500 500 0.0 #0.8 P 0.3 300 400 0.0 #0.8 P 0.3 350 34.9 -0.1 #0.8 P 0.3 300 32.8 -0.2 #0.8 P 0.3 310 32.8 -0.2 #0.8 P 0.3 30.0 22.8 -0.2 #0.8 P 0.3 310 30.8 -0.2 #0.8 P 0.3 30.0 29.8 -0.2 #0.8 P 0.3					Р		
35.0 34.9 -0.1 ±0.8 P 0.3 34.0 33.9 -0.1 ±0.8 P 0.3 33.0 32.8 -0.2 ±0.8 P 0.3 31.0 30.8 -0.2 ±0.8 P 0.3 30.0 29.8 -0.2 ±0.8 P 0.3 30.0 29.8 -0.2 ±0.8 P 0.3					Р		
34.0 33.9 -0.1 年0.8 P 0.3 33.0 32.8 -0.2 +0.8 P 0.3 32.0 31.8 -0.2 ±0.8 P 0.3 31.0 30.8 -0.2 ±0.8 P 0.3 30.0 29.8 -0.2 ±0.8 P 0.3	40.0	-40.0	0.0	±0.8	Р	0.3	
33.0 32.8 -0.2 ±0.8 P 0.3 32.0 31.8 -0.2 ±0.8 P 0.3 30.0 29.8 -0.2 ±0.8 P 0.3 0.0 29.8 -0.2 ±0.8 P 0.3 0.0 CEBPREE					Р		
32.0 31.8 -0.2 ±0.8 P 0.3 31.0 30.8 -0.2 ±0.8 P 0.3 30.0 29.8 -0.2 ±0.8 P 0.3 CEEPREEI							
31.0 30.8 -0.2 ±0.8 P 0.3 30.0 29.8 -0.2 ±0.8 P 0.3 CEEPREE					Р		
30.0 29.8 -0.2 ±0.8 P 0.3 CEEPREE BEREE					P		
数据页(Data sheet) D1: 07128 第5 页共 6页							
· 数据页(Data shee) ID: 071288 第 5 页共 6 页	30.0	27.0	-0.2	-0.0		0.0	
Mag(Data sheet) ID: 071288 第 5 页共 6 页							
数据页(Data sheet) ID: 071288 第 5 页,共 6 页							
数据页(Data sheet) ID: 071288 第 5 页,共 6 页							
数据页(Data sheet) ID: 071288 第 5 页,共 6 页	1						
数据页(Data sheet) ID: 071288 第 5 页,共 6 页 Page of							
数据页(Data sheet) ID: 071288 第 5 页,共 6 页 Page of							
数据页(Data sheet) ID: 071288 第 5 页,共 6 页 Page of							
数据页(Data sheet) ID: 071288 第 5 页共 6 页 Page of							
数据页(Data sheet) ID: 071288 第 5 页,共 6 页 Page of							
數据页(Data sheet) ID: 071288 第 5 页,共 6 页 Page of							
数据页(Data sheet) ID: 071288 第 5 页,共 6 页 Page of							
rage or		数据页(Data s	heet) ID: 07	1288	第 5 页 Page	,共 6页	
					rage o		







CEPREI		证书	编号(Certificat	te No.): 2HB24	001410-0003		CEPREI		证书	编号(Certificate	No.): 2HB230	001715-0001
1 外观与工作正: 无影响证书	的中國量结果准确則	ice and Function Check)			001410-0005		无影响证书	中测量结果准确度	ce and Function Check) f的因素和缺陷。 hat affect the measurement r	result accuracy of	the certificate.	
2 声压级 (Sound	Pressure Level)						2 声压级 (Sound F	Pressure Level)				
規定声压级	测量声压级	声压级差的绝对值	接受限	结论	U	3 (1)	規定声压级 (Prescribed SPL)	测量声压级 (Measured SPL)	声压级差的绝对值 (Absolute value of SPL)	接受限 (Limit)	结论 (Pass/Fail)	U (k=2)
(Prescribed SPL) (dB) 94	(Measured SPL) (dB) 94.06	(Absolute value of SPL) (dB) 0.06	(Limit) (dB) ≤0.25	(Pass/Fail)	(k=2) (dB)		(dB) 94	(dB) 93.86	(dB) 0.14	(dB) ≤0.25	Р	(dB) 0.10
94	94.00	0.06	≤0.23	Р	0.10		3 频率 (Frequency)				
3 頻率 (Frequenc	y)						規定頻率 (Prescribed Fre.)	测量频率	频率误差的绝对值 (Absolute value of Fre.)	接受限 (Limit)	结论 (Pass/Fail)	U _{rel} (k=2)
規定頻率	测量频率	频率误差的绝对值	接受限	结论	Urel		(Prescribed Fre.) (Hz)	(Measured Fre.) (Hz)	(Absolute value of Fre.) (%)	(Cinnt) (%)	(rass/ran)	(%)
(Prescribed Fre.)	(Measured Fre.)	(Absolute value of Fre.)	(Limit)	(Pass/Fail)	(<i>k</i> =2)		1000	1003.7	0.37	≤0.70	Р	0.10
(Hz)	(Hz)	(%)	(%)		(%)							
1000	1002.1	0.21	⊴0.70	Р	0.10		4 总失真+噪声 (D	Distortion and noise)				
4 总失真+噪声(1	Distortion and noise)						规定声压级	规定频率	总失真+噪声	接受限	结论	$U_{\rm rel}$
Annual and a part from	100 45 477 44		1				(Prescribed SPL)	(Measured Fre.)	(Distortion and noise)	(Limit)	(Pass/Fail)	(<i>k</i> =2)
规定声压级 (Prescribed SPL)	規定頻率 (Measured Fre.)	总失真+噪声 (Distortion and noise)	接受限	结论	Urel		(dB)	(Hz)	(%)	(%)		(%)
(rtescribed SFL) (dB)	(Measured Fre.) (Hz)	(Distortion and hoise) (%)	(Limit) (%)	(Pass/Fail)	(k=2) (%)		94	1000	0.69	≤2.50	P	5.0
94 以下空白/No data he	1000	0.68	≤2.50	р	5.0		以下空白/No data her	reafter				
						(5)						

Catalogue o	of Air Flow	<u>Meter (</u>	TSI T	A440))		Cal	ibration	Certific	ate of Air	Flow I	Meter	
								Contraction of the	a salating	and the later		1222 200	
										An			
SPECIFICATIONS						-	R AL			實驗室有限公 9-35 Sha Tsui Road,	同一		T
THERMAL ANEMOMETERS MODELS TA410, TA430 ANI							ab	Tsuen Wan, N	r, Hong Kong		ilac-N		
TIODEDO ITTEO, ITTOOTITE	× 1111 10					CAL	IBRATION	Tel: +852 25 Fax: +852 30		nfo@callab.com.hk e: www.callab.com.h	k	Certifiate	3815.01
						- Ó Cali	bration Certific	ate No.: CC02423	12 _ 9.				
Velocity		Time Constant (T	A430, TA440))		Info	rmation provide	d by customer					
	(0 to 4,000 ft/min) (0 to 6,000 ft/min)	User selectable						co Testing Centre Lir In Kui Street, Fanlin					
Accuracy (TA410) ¹⁶² ±5% of read (±5 ft/min).	ling or ±0.025 m/s whichever is greater	External Meter Di 8.4 cm x 17.8 cm x 4		(70 in x18 in	0	Foui	inment identific:	ation provided by c	ustomer				
Accuracy (TA430, TA440) ¹⁶² ±3% of read (±3 ft/min),	ling or ±0.015 m/s whichever is greater	Meter Weight wit			.,	Equi	ipment Descripti	on Manufac	turer Mode		rial No.	Assigned equip	
Resolution 0.01 m/s (1 f	it/min)	0.27 kg (0.6 lbs.)	unbatteries			Air V	elocity Monitor	TSI	AIRFL	OW TA440 TA	4401232005	AAST-FLOW-02	
Duct Size (TA430, TA440) Dimensions 1 to 635 cm	in increments of 250 inches in	Meter Probe Dime					tificate Informat		2022	o. III			
0.1 cm (1 to increments	250 inches in of 0.1 in.)	Probe Length Probe Diameter of 1	Tip 7.0 m	cm (40 in.) m (0.28 in.)			e of Receipt: e of Calibration:	15 December 18 December		Calibration Condi Adjustment:	ion: 21.3°C	C, 56%RH, 1014	ра
Volumetric Flow Rate (TA430, TA4		Probe Diameter of I		nm (0.51 in.)		Due	e Date of Calibrat ibration Procedu	tion: N/A		Appearance: Remark:	Good N/A		
Range Actual rang and duct siz	e is a function of velocity, e	Articulating Prob Articulating Section		s m (7.8 in.)						nemark.	N/A		
Temperature		Length Diameter of	9.5 m	m (0.38 in.)			erence Equipme		Model	Serial No.		Expiration Dat	e
Range (TA410, TA430) -18 to 93°C Range (TA440) -10 to 60°C	(0 to 200°F) (14 to 140°F)	Articulating Knuckle					t Wire Anemome		9535	T953513160		11 August 202	
Accuracy ³ ±0.3°C (±0.5 Resolution 0.1°C (0.1°F)		Power Requireme Four AA-size batter		ter		Been	It of Calibratio	C/ VLat					
					r		elocity	n					
Relative Humidity (TA440 only) Range 5 to 95% RF	ł		TA410	TA430, TA430-A	TA440, TA440-A		Reference	Measured	Error (m/s)	Uncertainty (%)	Technica		hnical nce Doc.
Accuracy ⁴ ±3% RH Resolution 0.1% RH		Velocity range 0 to 20.00 m/s (0 to 4000 ft/min)	+			R	eading (m/s) 0.99	Reading (m/s) 0.99	0.00	3.6	Requirement ± 5 %		's Spec.
		Velocity range 0 to 30.00 m/s		+	+		2.02	2.03	0.01	3.6	± 5 %		's Spec.
Wet Bulb Temperature (TA440 only Range 5 to 60°C (4		(0 to 6000 ft/min) Temperature	+			_	5.01 7.96	4.98 8.07	-0.03 0.11	3.6 3.6	± 5 % ± 5 %		's Spec. 's Spec.
Resolution 0.1°C (0.1°F)			.+				1.50	0.07					CT-AF
Dew Point (TA440 only)		Flow Humidity, wet bulb,		+	+								
Range -15 to 49°C Resolution 0.1°C (0.1°F)		dew point		Straight or -A	+ Straight or -A								
Instrument Temperature Range		Probe Variable time	Straight	articulated	articulated								
Operating (Electronics) 5 to 45°C (4	0 to 113°F)	constant		+	+								
Model TA410, TA430 -18 to 93°C Operating (Probe)		data logging Auto save		+	:*:								
Operating (Probe)	(14 to 140°F)	data logging			.+								
	(-4 to 140°F)	Statistics		+	+								
Data Storage Capabilities (TA430, T		Review data		+	+								
Range 12,700+ sar	nples and 100 test IDs	LogDat2 downloading		+	+	Note1:	The actimated areas d	uncertainties have have	calculated in "Evaluation	nd expression of uncertainty	n measurement" and ei	ive an internal estimat	ed to have a
Logging Interval (TA430, TA440)		software Free Certificate		+			of confidence of 95%	A coverage factor of 2 is assu	med unless explicitly stat	ed. tional or international recogni			
1 second to 1 hour		of Calibration			L		accuracy and good con	dition.					
Specifications subject to change without notice.		¹ Temperature compensated ² The accuracy statement be	ppins at 30 ft/min th	rough 4000 ft/min (0	°C (40 to 150°F). 0.15 m/s through 20 m/	Note3:	instrument.			nt on the date of calibration a ed, and the result only applies			In statisty of
TSI and the TSI logo are registered trademarks, and Airfl the Airflow logo and LogDat2 are trademarks of TSI Inco	ow. rporated.	for the Model TA410, and 3 Models TA430 and TA440.	30 ft/min through 6,	000 ft/min (0.15 m/s	through 30 m/s) for	Note4:	rne result shows in thi	s cambration certificate relation	e only to the item calibrat	eo, and the result only applies	to the calibration item	as received.	
A		⁹ Accuracy with instrument for change in instrument to	emperature.			Ca	librated By:	Check	ed and Approve	d By: Comp	any Chop:	校正	
161 AIRFLOW	V	*Accuracy with probe at 25 change in probe temperature	°C (77°F). Add uncer ure. Includes 1% hys	tainty of 0.2% RH/°C teresis.	(0.1% RH/°F) for		Q .	0	1/0	Lor us	Ca	有限公司。	
	5					L	P	lor	verye	ſ		-	
								141				- 10 December	* 2022
INSTRUMENTS Airflow Instruments, TSI Instruments Ltd Visit our website at www.airflowinstrume	nts.co.uk for more informatio					W	ing Cheng	warre	en Yeung	Certi	icate Issue Date	e: 19 Decembe	
Visit our website at www.airflowinstrume	nts.co.uk for more information many Tel: +49 241 523030					on on	ing Cheng	Warre O L	6	f Certificate ***	icate Issue Date	e: 19 Decembe	ст-ве

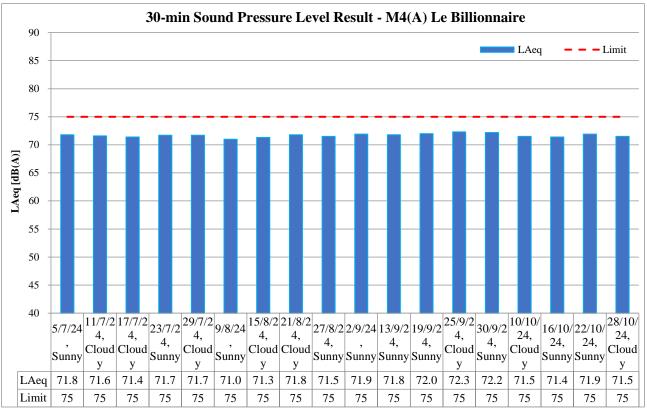
Appendix K – Noise monitoring results and graphical presentation

M4(A) – Le Billionnaire

	Temp	Wind Speed m/s	Weathe r	Measured Noise Level at M4(A), dB(A)							
Date	(°C)				Гir	ne	Baseline	L _{Aeq}	L _{A10}	L _{A90}	Limit
10/10/2024	30.8	0.7	Cloudy	9:15	-	9:45	69.5	71.5	72.3	70.1	75
16/10/2024	30.1	0.9	Sunny	9:20	-	9:50	69.5	71.4	72.6	70.5	75
22/10/2024	33.2	0.4	Sunny	13:05	-	13:35	69.5	71.9	72.7	70.3	75
28/10/2024	25.1	0.4	Cloudy	13:20	-	13:50	69.5	71.5	72.6	70.4	75
]	Maximum		71.9					
						Minimum		71.4			
						Average		71.6			

M5(A) – Prince Ritz

_	Temp	Wind	Weathe	Measured Noise Level at M5(A), dB(A)							
Date (°C)		Speed m/s	r	Time			Baseline	L _{Aeq}	L _{A10}	L _{A90}	Limit
10/10/2024	30.8	1.3	Cloudy	11:25	-	11:55	72.5	73.9	75.1	71.6	75
16/10/2024	30.1	1.9	Sunny	11:30	-	12:00	72.5	74.4	76.2	71.9	75
22/10/2024	33.2	2.2	Sunny	15:00	-	15:30	72.5	74.2	76.3	71.8	75
28/10/2024	25.1	2.3	Cloudy	15:30	-	16:00	72.5	73.4	75.0	71.3	75
		Maximum 74									
			Minimum		73.4						
			Average		74.0						



LAeq, 30-min graphical results of M4(A) – Le Billionnaire

LAeq, 30-min graphical results of M5(A) - Prince Ritz



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

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

Appendix L – Event and Action Plan for noise

E (Act	Action				
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 identified.) 	 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	 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	Action								
Event	ЕТ	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 M – Event and Action Plan for Landscape and Visual Impact

Event		Act	tion	
Event	ЕТ	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. 	1. Undertake remedial design if necessary.	
Non-conformity on one occasion	 Identify Source. Inform IEC and Supervisor /ER. Discuss remedial actions with IEC, Supervisor /ER and Contractor. Monitor remedial actions until rectification has been completed. 	 Check report. Check Contractor's working method. Discuss with ET and Contractor on possible remedial measures. Advise Supervisor /ER on effectiveness of proposed remedial measures. Check implementation of remedial measures. 	 Notify Contractor. Ensure remedial measures are properly implemented. 	 Amend working methods. Rectify damage and undertake any necessary replacement.
Repeated Non-conformity	 Identify Source. Inform IEC and Supervisor /ER. Increase monitoring frequency. Discuss remedial actions with IEC, Supervisor /ER and Contractor. Monitor remedial actions until rectification has been completed. If non-conformity stops, cease additional monitoring. 	method. 3. Discuss with ET and Contractor on possible	 Notify Contractor. Ensure remedial measures are properly implemented. 	 Amend working methods. Rectify damage and undertake any necessary replacement.

Appendix N – Waste Flow Table

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

MONTHLY SUMMARY WASTE FLOW TABLE FOR 2024 (YEAR)

Appendix O – Environmental Mitigation Implementation Schedule (EMIS)

EIA Ref	Recommended Mitigation Measures	Implementation			n
Part B	Water Quality	Not Observed	Yes	No	Remark
S8.8	Exposed soil areas should be minimised to reduce the potential for increased siltation, contamination of runoff, and erosion. Construction runoff related impacts associated with the above ground construction activities can be readily controlled through the use of appropriate mitigation measures which include use of sodiment traps and adequate maintenance of drainage systems to prevent flooding and overflow	Ø			
S8.8	Construction site should be provided with adequately designed perimeter channel and pre- treatment facilities and proper maintenance. The boundaries of critical areas of earthworks should be marked and surrounded by dykes or embankments for flood protection. Temporary ditches should be provided to facilitate runoff discharge into the appropriate watercourses, via a silt retention pond. Permanent drainage channels should incorporate sediment basins or traps and baffles to enhance deposition rates. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94.				
S8.8	Construction works should be programmed to minimise surface excavation works during the rainy season (April to September). All exposed earth areas should be completed as soon as possible after earthworks have been completed, or alternatively, within 14 days of the cessation of earthworks where practicable. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means.				
S8.8	Sediment tanks of sufficient capacity, constructed from pre-formed individual cells of approximately 6 to 8 m ³ capacity, are recommended as a general mitigation measure which can be used for settling surface runoff prior to disposal. The system capacity is flexible and able to handle multiple inputs from a variety of sources and particularly suited to applications where the influent is pumped.				
S8.8	Open stockpiles of construction materials (for examples, aggregates, sand and fill material) of more than 50 m3 should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.	N			
S8.8	Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and storm runoff being directed into foul sewers.				
S8.8	Precautions to be taken at any time of year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecast, and actions to be taken during or after rainstorms. Particular attention should be paid to the control of silty surface runoff during storm events.	N			
S8.8	Oil interceptors should be provided in the drainage system and regularly cleaned to prevent the release of oils and grease into the storm water drainage system after accidental spillages. The interceptor should have a bypass to prevent flushing during periods of heavy rain.				
S8.8	All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and located wheel washing bay should be provided at every site exit, and wash-water should have sand and silt settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.				
S8.8	Drainage On-site drainage system should be installed prior to the commencement of other construction activities. Sediment traps should be installed in order to minimise the sediment loading of the effluent prior to discharge into foul sewers. There should be no direct discharge of effluent from the site into the sea.	V			
S8.8	All temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge should be adequately designed for the controlled release of storm flows. All sediment control measures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly following rain storms. The temporarily diverted drainage should be reinstated to its original condition when the construction work has finished or the temporary diversion is no longer required.				
S8.8	All fuel tanks and storage areas should be provided with locks and be located on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank, to prevent spilled fuel oils from reaching the coastal waters of the Victoria Harbour WCZ	V			
S8.8	Sewage Effluent Construction work force sewage discharges on site are expected to be connected to the existing trunk sewer or sewage treatment facilities. The construction sewage may need to be handled by portable chemical toilets prior to the commission of the on-site sewer system. Appropriate numbers of portable toilets should be provided by a licensed contractor to serve the large number of construction workers over the construction site. The Contractor should also be responsible for waste disposal and maintenance practices.	N			
S8.8	Stormwater Discharges Minimum distances of 100 m should be maintained between the existing or planned stormwater discharges and the existing or planned seawater intakes	V			
S8.8	Debris and Litter In order to maintain water quality in acceptable conditions with regard to aesthetic quality, contractors should be required, under conditions of contract, to ensure that site management	$\mathbf{\nabla}$			

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

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

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

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

Reporting Month: October 2024

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

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

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