#### 19-10-2023

By hand

Environmental Protection Department Environmental Assessment Division Metro Assessment Group Kowloon Section (2) 27th floor, Southorn Centre, 130 Hennessy Road, Wan Chai, Hong Kong (Attn: Mr. TANG Ho Him, Matthew)

Dear Mr. TANG,

Contract No. EDO 15/2018

Environmental Monitoring Works for Contract No. ED/2018/01 – Kai Tak Development – Stage 4 infrastructure at the Former Runway and South Apron

#### Submission of Monthly EM&A Report for September 2023 (Version 1.1)

We refer to the Environment Permit (EP) No. EP-337/2009 and EP-445/2013/B for the captioned project.

Pursuant to Condition 3.3 of the EP-337/2009 and Condition of the 3.2 of the EP-445/2013/A, please find enclosed four hard copies and one electronic copy of Monthly EM&A Report for September 2023 (Version 1.1), which has been verified by the IEC for your reference.

Thank you very much for your attention and please feel free to contact Mr. Lee at 9382 4204 should you require further information.

Yours faithfully,

For and on behalf of

Ka Shing Management Consultant Limited

#### AKCL

Applied knowledge center limited

**Company Secretary** 

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

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

## Contract No.: EDO 15/2018

September 2023

(Version 1.1)

Certified By:	pm.		
	(Environmental Team Leader)		



13 October 2023

Ref.: CEDKTDS4EM00\_0\_0313L.23

By Post and Email

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

Attention: Ms. Fanny Lau

Dear Madam,

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

#### Monthly EM&A Report for September 2023

Reference is made to the Environmental Team's submission of the Monthly EM&A Report for September 2023 (Version 1.1) certified by the ET Leader and provided to us via email on 13 October 2023.

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

The ET Leader is reminded that it is the ET's responsibility to carry out the complaint investigation in accordance with the EM&A Manuals and Environmental Permits.

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

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

Y H Hui Independent Environmental Checker

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

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Ramboll Hong Kong Limited 英環香港有限公司

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## **EXECUTIVE SUMMARY**

This is the 45<sup>th</sup> Monthly Environmental Monitoring & Audit (EM&A) report which summaries the findings of the EM&A Programme during the reporting period from 1 to 30 September 2023.

#### **Breaches of Action and Limit Levels**

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

Demonstern	No. of Ex	Action Taken	
Parameter	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

 Table I
 Non-compliance Record in the Reporting Month

#### Complaint log

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

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

Table II Summary of complaints in the Reporting Month

#### Notifications of summons and successful prosecutions

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

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

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

#### **Report changes**

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

#### Key construction works in the reporting month

- 8) Major construction activities undertake during the reporting month included:
  - Laying of stormwater drainage pipes/ sewer pipes/watermains and construction of associated manholes at Road L12d and at-grade road.
  - Construction of central median & profile barrier, installation of timber slats & noise absorptive panel and E&M works for Underpass D3
  - Construction of remaining works for Noise Barrier
  - Construction of RC structure for Lift LT-1 and LT-2
  - Construction of profile barrier for NDR

- Modification works at Shing Kai Road
- Installation of Lift LT-4
- Laying of stormwater drainage pipes/ sewer pipes/ watermains
- Installation of water pipe for ELD
- Construction of Seawater Intake Box Culvert
- Excavation for construction of Pumping Stations
- Construction of Observation Deck
- Construction of road works
- Construction of Harbour Steps
- Concreting and RC structure of Toilet cum Changing Room

#### **Future key issues**

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

	0		
Future key issues in the coming month	Potential impact		
Construction of manholes and chambers at Shing Kai Road and the at-grade road near NDR, SDR, South Depressed Road, Lift LT-4 and Noise Barrier;	Noise and Air Quality, Chemical and Waste Management		
Watermain connection and pressure test for watermains at Shing Kai Road and at-grade road near NDR;	Noise, Air and Water Quality		
Waterproofing work of ELD	Noise and Air Quality, Chemical and Waste Management		
Construction of bus stop at at-grade road and noise barrier	Noise and Air Quality, Chemical and Waste Management		
Installation of precast parapet for Bridge D3;	Noise and Air Quality, Chemical and Waste Management		
Concreting and RC structure of Toilet cum Changing Room	Noise, Air and Water Quality		
Install the lift cart for Lift LT-4;	Noise and Air Quality, Chemical and Waste Management		
Concreting and RC structure of Pumping Stations	Noise and Air Quality, Chemical and Waste Management		
Construction of Seawater Intake Box Culvert;	Noise and Air Quality, Chemical and Waste Management		
Construction of RC structure for Lift LT-1 & LT-2;	Noise, Air and Water Quality		
Construction of remaining works for Noise Barrier;	Noise, Air and Water Quality		
Construction of Harbour Steps.	Noise, Air and Water Quality		
Diversion/ connection works (involving confined space) of	Noise and Air Quality, Chemical		
Box Culvert	and Waste Management		
Construction of Outfall 1&2	Noise, Air and Water Quality		
Rising main laying works	Noise, Air and Water Quality		
Laying of stormwater drainage pipes/ sewer pipes / watermains and construction of associated manholes at Road L12d.	Noise, Air and Water Quality		

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

Future key issues in the coming month	Potential impact	
E&M works for Underpass D3	Noise and Air Quality, Chemical and Waste Management	
Construction of Observation Deck	Noise, Air and Water Quality	

## **1. INTRODUCTION**

#### Project Background

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

#### **Project Organization**

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

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

Table 1.1	Contact In	formation of	of Ke	y Personnel

#### Works Area and Construction Programme

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

#### Construction works undertaken during reporting month

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

<u>increating in a second of the second of the</u>			
Laying of stormwater drainage pipes/ sewer	Construction of central median & profile barrier,		
pipes/watermains and construction of associated	installation of timber slats & noise absorptive		
manholes at Road L12d and at-grade road	panel and E&M works for Underpass D3		
Construction of remaining works for Noise	Construction of RC structure for Lift LT-1 and		
Barrier	LT-2		
Construction of profile barrier for NDR	Modification works at Shing Kai Road		
Installation of Lift LT-4	Laying of stormwater drainage pipes/ sewer		
Installation of Lift L1-4	pipes/ watermains		
Installation of water pipe for ELD	Construction of Seawater Intake Box Culvert;		
Excavation for construction of Pumping Stations	Construction of Observation Deck		
Construction of road works	Construction of Harbour Steps;		
Concreting and RC structure of Toilet cum Changing Room			

Table 1.2 Major activities of the Project during reporting month

#### **Submission Status under the Environmental Permits**

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

EP Condition EP-337/2009	EP Condition EP-445/2013/B	Submission	Submission Date
Condition 1.11	Condition 1.12	Notification of Commencement Date of Construction of the Project	6 Jan 2020
Condition 2.3	Condition 2.3	Management Organization of Main Construction Companies	9 Sep 2019
Condition 2.3	Condition 2.3	Updated Management Organization of Main Construction Companies	17 Aug 2021
Condition 2.4	Condition 2.4	Design Drawings	6 Jan 2020
Condition 2.11	Condition 2.5	Landscape Mitigation Plans	13 Nov 2020
Condition 2.1	Condition 2.5	Landscape Mitigation Plans (Revision 2)	18 May 2021
NA	Condition 2.9	Detailed Design Plan of Traffic Noise Mitigation Measures	9 Dec 2022
Condition 3.2	NA	Baseline Monitoring Report	2 Jan 2020
Condition 3.2	NA	Revised Baseline Monitoring Report	28 Mar 2020
Condition 3.3	Condition 3.2	Monthly EM&A Report (August	13 Sep 2023

Table 1.3 Summary of Status of Required Submission of EPs

EP Condition EP-337/2009	EP Condition EP-445/2013/B	Submission	Submission Date
		2023)	

## 2. AIR QUALITY MONITORING

#### **Monitoring Requirements**

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

#### **Monitoring Locations**

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

 Air Quality Monitoring Locations for the Project
 Location of Measurement

 AM3 - Sky Tower
 Podium floor near T7

 AM4(A) - The Hong Kong Society for the Blind's
 Ground

 Factory cum Sheltered Workshop
 AM7 – Hong Kong Children's Hospital

Table 2.1 Locations of Air Quality Monitoring Stations

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

- 2.5 For those premises have property management company, ET sent the proposal to owner / property management company and explained the purpose of environmental monitoring (refer to Appendix C Apply permission for Environmental Monitoring). Figure 7 shows the proposed alternative monitoring locations. No permission of setup and entry is received until the reporting month.
- 2.6 Summary of the status of for proposed alternative monitoring locations for AM4(A) are given in Table 2.2.

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

Table 2.2 Proposed alternative monitoring locations for AM4(A)

Proposed alternative monitoring locations for M11	Status upto reporting month
A19 - 2 - 28 Lun Cheung Street	No property management company and could not apply the permission.
A20 - 1 - 27 Lun Cheung Street	No property management company and could not apply the permission.
A21 - 2 - 28 Luk Ming Street	No property management company and could not apply the permission.
A22 - 1 - 27 Luk Ming Street	No property management company and could not apply the permission.
A23 - 2 - 28 Fung Yi Street	No property management company and could not apply the permission.

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

#### **Monitoring Parameters, Frequency and Duration**

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

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

Table 2.3 Air Quality Monitoring Parameters, Frequency and Duration

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

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

#### **Monitoring Equipment**

2.11 24-hour average TSP and 1-hour average TSP levels were measured for impact monitoring. 24-hour average TSP levels were measured by the High Volume Samplers (HVS) and 1-hour

average TSP levels were measured by direct reading method to indicate short-term impacts. Wind data monitoring equipment was set up at conspicuous locations for logging wind speed and wind direction near to the dust monitoring locations. Table 2.4 summarizes the equipment to be used in the air quality monitoring.

Equipment	Model	Quantity
HVS Sampler	TE-5170 X c/w of TSP sampling inlet	3
Calibrator	TISCH TE-5025A	1
1-hour TSP Dust Meter	TSI Model AM510 SidePak Personal Aerosol Monitor	2
Wind Anemometer	Davis Vantage Pro2 Weather Station	1

Table 2.4 Air Quality Monitoring Equipment

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

#### Monitoring Methodology and QA/QC Procedure

#### 24-hour TSP Monitoring

#### **Operating/Analytical Procedures**

2.14 Setup criteria of HVS are shown as follows:

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

- Airflow around the sampler was unrestricted.
- Any wire fence and gate, to protect the samplers, was not caused any obstruction during monitoring.
- Permission were obtained to setup the samplers and to obtain access to the monitoring stations.
- A secured supply of electricity was provided to operate the samplers.
- 2.15 Prior to the commencement of the dust sampling, the flow rate of the HVS was properly set (between 1.1 m<sup>3</sup>/min. and 1.7 m<sup>3</sup>/min.) in accordance with the manufacturer's instruction to within the range recommended in USEPA Standard Title 40, CFR Part 50.
- 2.16 For TSP sampling, Glass Fiber Filter Media 8" x 10" have a collection efficiency of > 99 % for particles of 0.3 μm diameter were used.
- 2.17 The power supply was checked to ensure the sampler worked properly and then placed any filter media at the designated air monitoring station.
- 2.18 The filter holding frame was removed by loosening the four nuts and a weighted and conditioned filter was carefully centered with the stamped number upwards, on a supporting screen.
- 2.19 The filter was aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter. Then the filter holding frame was tightened to the filter holder with swing bolts. The applied pressure was sufficient to avoid air leakage at the edges.
- 2.20 The shelter lid was closed and secured with the aluminium strip.
- 2.21 The timer was programmed. Information was recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper can be found out by using the filter number).
- 2.22 After sampling, the filter was removed from the HVS and put into a clean and labeled seal plastic bag to avoid cross contamination. The elapsed time was also be recorded. The sampled filters were sent to the HOKLAS accredited or other internationally accredited laboratory for weighting.

#### Maintenance/Calibration

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

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

#### 1-hour TSP Monitoring

#### Measurement Procedures

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

#### Maintenance/Calibration

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

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

#### Wind Data Monitoring

2.26 Wind Anemometer was installed at the roof-top of AM7 - Hong Kong Children's Hospital with 10m above ground and clear of constructions or turbulence caused by the buildings.

- 2.27 The wind data was captured by a data logger and the data was downloaded at least once per month for analysis.
- 2.28 The wind data monitoring equipment will be re-calibrated at least once every six months.
- 2.29 Wind direction is divided into 16 sectors of 22.5 degrees each.
- 2.30 Details of weather information during the monitoring period are shown in Appendix G.

#### Action and Limit Levels

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

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

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

Table 2.6 Action and Limit Levels of 1-hour average TSP for Construction Dust Monitoring

Parameter	Air Monitoring Station	Action Level, µg/m <sup>3</sup>	Limit Level, µg/m <sup>3</sup>
	AM3	297	500
1-hour average TSP	AM4(A)	326	500
	AM7	315	500

#### **Impact Air Quality Monitoring results**

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

Air Monitoring Station	Average TSP Concentration, $\mu g/m^3$	Range, µg/m <sup>3</sup>	Action Level, µg/m <sup>3</sup>	Limit Level, µg/m <sup>3</sup>
AM3	53	29 - 80	182	260
AM4(A)	/	/ _ /	187	260
AM7	54	37 - 94	181	260

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

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

Air Monitoring Station	Average TSP Concentration, µg/m <sup>3</sup>	Range, μg/m <sup>3</sup>	Action Level, µg/m <sup>3</sup>	Limit Level, µg/m <sup>3</sup>
AM3	50	28 - 82	297	500
AM4(A)	57	31 - 93	326	500
AM7	46	27 - 88	315	500

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

## 3. NOISE MONITORING

#### **Monitoring Requirements**

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

#### **Monitoring Locations**

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

 Noise Monitoring Locations for the Project
 Location of Measurement

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

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

Table 3.1 Locations of Noise Monitoring Stations

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

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

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

Table 3.2 Proposed alternative monitoring locations for M11

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

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

#### **Monitoring Parameters, Frequency and Duration**

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

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

Table 3.3 Noise Monitoring Parameters, Frequency and Duration

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

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

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

#### **Monitoring Equipment**

3.13 As referred to in the Technical Memorandum (TM) issued under the Noise Control Ordinance (NCO), sound level meters in compliance with the IEC 61672-1 (Type 1) standard [this

standard replaced the International Electrotechnical Commission Publications 60651:1979 (Type 1) and 60804:1985 (Type 1)] were used for noise monitoring. Table 3.4 summarizes the equipment to be used in the noise monitoring.

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

Table 3.4 Noise Monitoring Equipment

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

#### Monitoring Methodology and QA/QC Procedure

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

#### **Maintenance and Calibration**

3.21 The microphone head of the sound level meter and calibrator was cleaned with a soft cloth at

quarterly intervals.

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

#### Action and Limit Levels

normal weekdays

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

Time PeriodNoise Monitoring<br/>StationBaseline Noise<br/>Levels, dB (A)Action LevelLimit<br/>Level^0700 - 1900 onM1168.3When one documented<br/>1 is in the initial of the initial

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

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

61.9

complaint is received.

#### **Impact Noise Monitoring results**

M12

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

Noise Monitoring Station	Measured L <sub>Aeq, 30-min</sub> , Average, dB(A)	Measured L <sub>Aeq, 30-min</sub> , Range, dB(A)	Action Level	Limit Level <sup>^</sup>
M11	71.5	69.2 - 72.9	When one documented	75
M12	66.2	64.6 - 67.8	complaint is received	dB(A)

Table 3.6 Summary of Noise Monitoring Data during the reporting month

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

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

## 4. COMPARISON OF EM&A RESULTS WITH EIA PREDICTIONS

4.1 The environmental impacts predictions were given in Agreement No. CE 35/2006(CE) Kai Tak Development Engineering Study cum Design and Construction of Advance Works -Investigation, Design and Construction - Kai Tak Development Environmental Impact Assessment Report, EIA Register Nos. AEIAR-130/2009 for Kai Tak Development (The EIA Report). The EM&A data was compared with the EIA predictions as summarized in Table 4.1 to Table 4.3.

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

Air Monitoring Station	ASR No. in EIA report	Predicted Cumu 24-hour av concen Scenario 1 (Mid 2009 to Mid 2013), µg/m <sup>3</sup>	e	Measured 24-hr average TSP in Reporting Month (September 2023) µg/m <sup>3</sup>
AM3 - Sky Tower	A40^	106	138	29 - 80
AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop*	A43^	123	195	/ _ /
AM7 – Hong Kong Children's Hospital	PA60	NA	NA	37 – 94

Note:

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

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

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

These fill comparison of 1 nour area age 151 monoring Data maniprometions					
		Ð		Measured 1-hr average TSP in	
Air Monitoring Station	ASR No. in EIA report	Scenario 1 (Mid 2009 to	Reporting Month (September 2023)		
		Mid 2013), μg/m <sup>3</sup>	Late 2016), µg/m <sup>3</sup>	$\mu g/m^3$	
AM3 - Sky Tower	A40	217^	247^	28 - 82	
AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop*	A43	283^	409^	31 - 93	
AM7 – Hong Kong Children's Hospital	PA60	NA	NA	27 - 88	

Note:

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

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

Noise Monitoring Station	NSR No. in EIA report	Predicted Mitigated Construction Noise Levels during Normal Daytime Working Hour LAeq, 30min, dB(A)	Measured Noise Level in Reporting Month (September 2023) L <sub>Aeq, 30min</sub> , dB(A)
M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop <sup>*</sup>	N18	50 - 76*	69.2 – 72.9
M12 - Hong Kong Children's Hospital	PN83, PN84, PN84A	NA	64.6 – 67.8

*Table 4.3 Comparison of Noise Monitoring Data with EIA predictions* 

Note:

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

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

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

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

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

## 5. LANDSCAPE AND VISUAL MONITORING

5.1 In accordance with EM&A Manuals (EIA Register Nos. AEIAR-130/2009 and AEIAR-170/2013), Landscape and Visual Monitoring shall be carried out during the construction phase of the Project. Regular impact monitoring will be conducted at least once per week.

#### **Results and Observations**

- 5.2 Site inspections were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site.
- 5.3 Site inspections were conducted on 7, 13, 21 and 28 September 2023 in the reporting month.
- 5.4 The summaries of site audits are attached in Table 5.1.

Close-out Inspection Key Observations **Recommendations / Actions** Date / Date Status 07 September No NA NA 2023 13 September No NA NA 2023 21 September No NA NA 2023 28 September No NA NA 2023

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

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

## 6. ENVIRONMENTAL SITE INSPECTION AND AUDIT

#### **Site Inspection**

- 6.1 Site inspections were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site.
- 6.2 Site inspections were conducted on 7, 13, 21 and 28 September 2023 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
07 September 2023	Observation: The wood processing should use bags to contain wood chips at toilet cum changing room.	Action Taken: Wood chips has been removed.	Closed-out on 13 September 2023
13 September 2023	Observation: NRMM Label should be display color correctly.	Action Taken: The NRMM label has been display color correctly.	Closed-out on 21 September 2023

Table 6.1 Summary of site inspections observations during the reporting month

Inspection Date	Key Observations	Recommendations / Actions	Close-out Date / Status
21 September 2023	Observation: The vehicles should be restricted to maximum speed of 8 km per hour.	Action Taken: The vehicles have been restricted to maximum speed of 8 km per hour.	Closed-out on 28 September 2023
28 September 2023	NA	NA	NA

#### **Status of Waste Management**

- 6.4 The amount of wastes generated by the major site activities of the work contracts within the Project during the reporting month is shown in Appendix O.
- 6.5 The Contractor was registered as a chemical waste producer for the Project. The Contractor was reminded that chemical waste containers should be properly treated and stored temporarily in designated chemical waste storage area on site in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.

#### **Status of Environmental Licenses, Notification and Permits**

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

Environmental Licenses, Notifications and Permits	Ref. No.	Valid Form	Valid Till
	EP-337/2009	23 Apr 2009	N/A
Environmental Permit under EIAO	EP-445/2013/B	3 May 2022	N/A
Construction Dust Notification under APCO	445956	6 June 2019	N/A

Table 6.2 Summary of Environmental Licenses, Notifications and Permits

Environmental Licenses, Notifications and Permits	Ref. No.	Valid Form	Valid Till
Wastewater Discharge License under WPCO	WT00034610-2019	26 Sep 2019	30 Sep 2024
Waste Disposal Billing Account	7034450	28 June 2019	N/A
Registration as a Chemical Waste Producer	5218-286-P3182-03	18 Jul 2019	N/A
Construction Noise Permit	GW-RE0513-23	20 Jun 2023	19 Oct 2023
	GW-RE0560-23	02 Jun 2023	14 Nov 2023
	GW-RE0602-23	07 Jun 2023	06 Sep 2023
	GW-RE0724-23	14 Jul 2023	13 Nov 2023
	GW-RE0877-23	14 Aug 2023	13 Feb 2024
	GW-RE0983-23	01 Sep 2023	30 Nov 2023
	GW-RE1013-23	01 Sep 2023	30 Nov 2023
	GW-RE1063-23	15 Sep 2023	15 Oct 2023
	GW-RE1072-23	07 Sep 2023	06 Jan 2023

#### **Implementation Status of Environmental Mitigation Measures**

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

#### **Environmental Complaint and Non-compliance**

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

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

Table 6.3 Summary of complaints in the Reporting Month

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

### Notifications of summons and successful prosecutions

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

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

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

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

## 7. FUTURE KEY ISSUES

### **Construction Programme in the coming month**

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

<u>Table 7.1 Summary of future key issues and potential impact in the second potential impact is second potential impact in the second potential impact in the second potential impact is second potential impact in the second potential impact is second potential impact in the second potential impact in the second potential impact is second potential impact in the second potential impact is second potential impact in the second potential impact is second potential impact in the second potential impact is second potential impact in the second potential impact is second potential impact is second potential impact is second potential impact is second potential impact potential impact is second potential impact in the second potential impact is second potential impact potent</u>	<u>ne coming monin</u>
Future key issues in the coming month	Potential impact
Construction of manholes and chambers at Shing Kai Road and the at-grade road near NDR, SDR, Lift LT-4 and Noise Barrier	Noise and Air Quality, Chemical and Waste Management
Watermain connection and pressure test for watermains at Shing Kai Road and at-grade road near NDR	Noise and Air Quality, Landscape and Visual
Waterproofing work of ELD	Noise and Air Quality, Chemical and Waste Management
Construction of bus stop at at-grade road and noise barrier	Noise and Air Quality, Chemical and Waste Management
Installation of precast parapet for Bridge D3	Noise and Air Quality, Chemical and Waste Management
Excavation for construction of Toilet cum Changing Room	Noise, Air and Water Quality
Install the lift cart for Lift LT-4	Noise and Air Quality, Chemical and Waste Management
Concreting and RC structure of Pumping Stations	Noise and Air Quality, Chemical and Waste Management
Construction of Seawater Intake Box Culvert;	Noise and Air Quality, Chemical and Waste Management
Construction of RC structure for Lift LT-1 & LT-2	Noise, Air and Water Quality
Construction of remaining works for Noise Barrier	Noise, Air and Water Quality
Construction of Harbour Steps	Noise, Air and Water Quality
Diversion/ connection works (involving confined space) of Box Culvert	Noise, Air and Water Quality
Construction of Outfall 1&2	Noise, Air and Water Quality
Rising main laying works	Noise, Air and Water Quality
Laying of stormwater drainage pipes/ sewer pipes / watermains and construction of associated manholes at Road L12d	Noise, Air and Water Quality
E&M works for Underpass D3	Noise and Air Quality, Chemical and Waste Management
Construction of Observation Deck	Noise, Air and Water 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 Reports.

#### Environmental Site Inspection and Monitoring Schedule for next month

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

## 8. CONCLUSIONS

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

# Figure

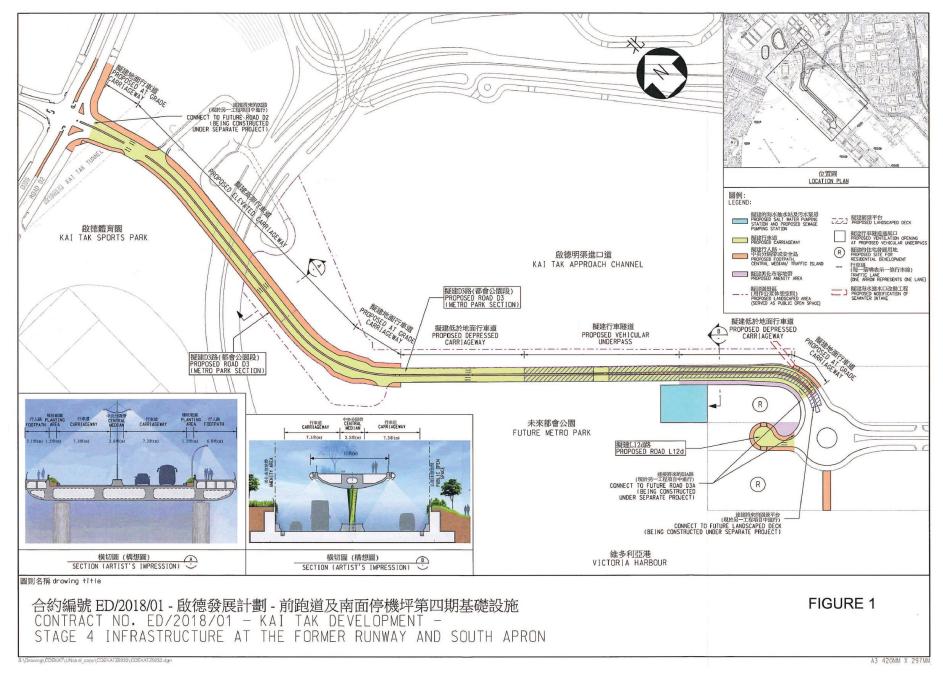


Figure 1 – Proposed works of Contract No. ED/2018/01

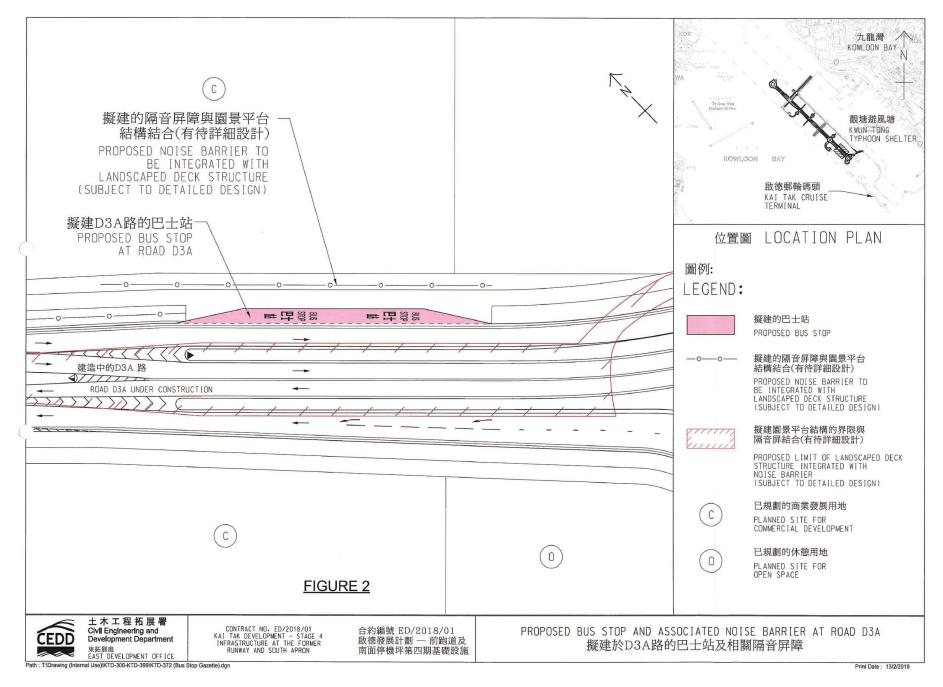


Figure 2 - Proposed Bus Stop And Associated Noise Barrier At Road D3A

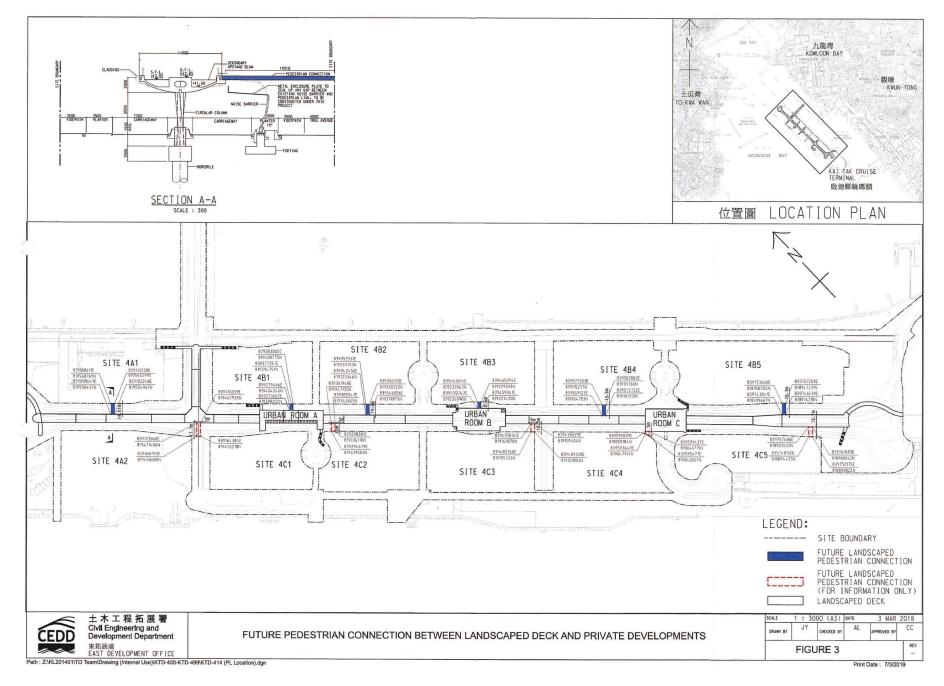


Figure 3 – Future Pedestrian Connection Between Landscaped Deck And Private Developments

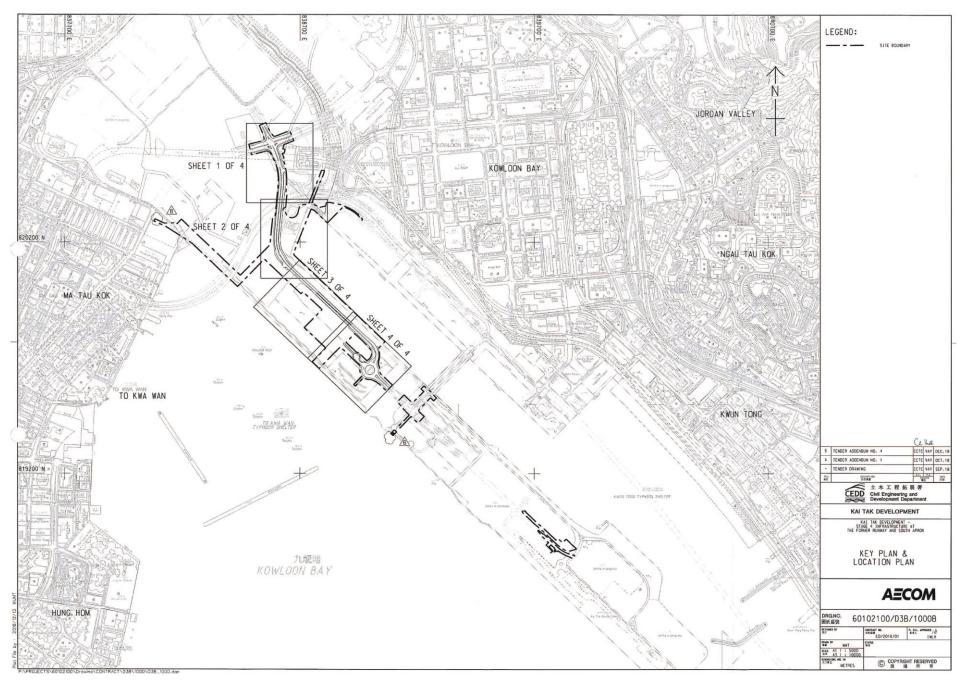


Figure 4 – Site Layout Plan

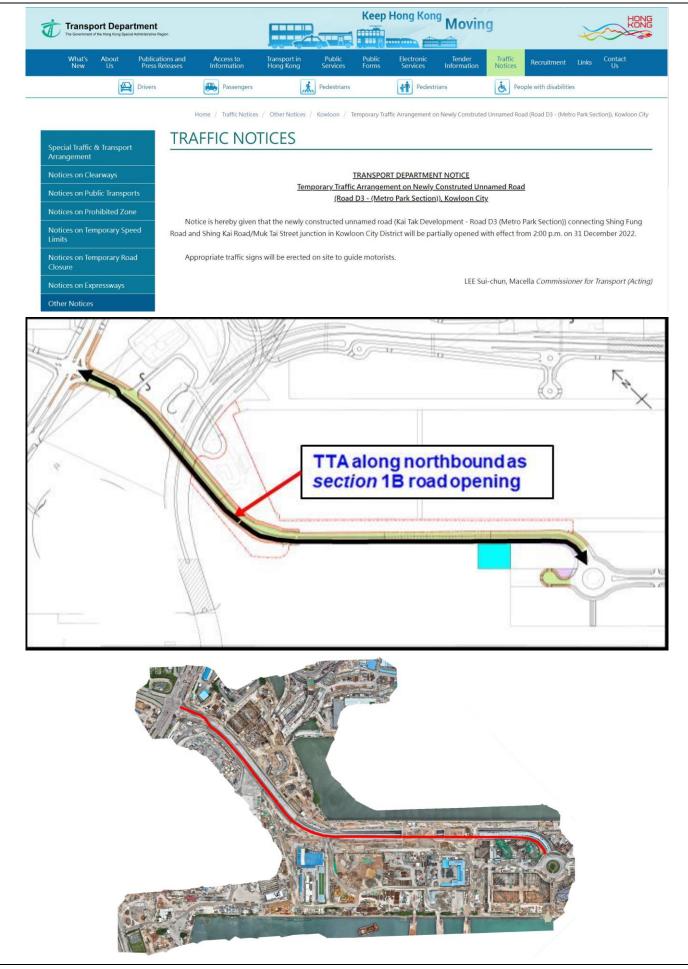


Figure 5 – New Opened Road on 31 December 2022

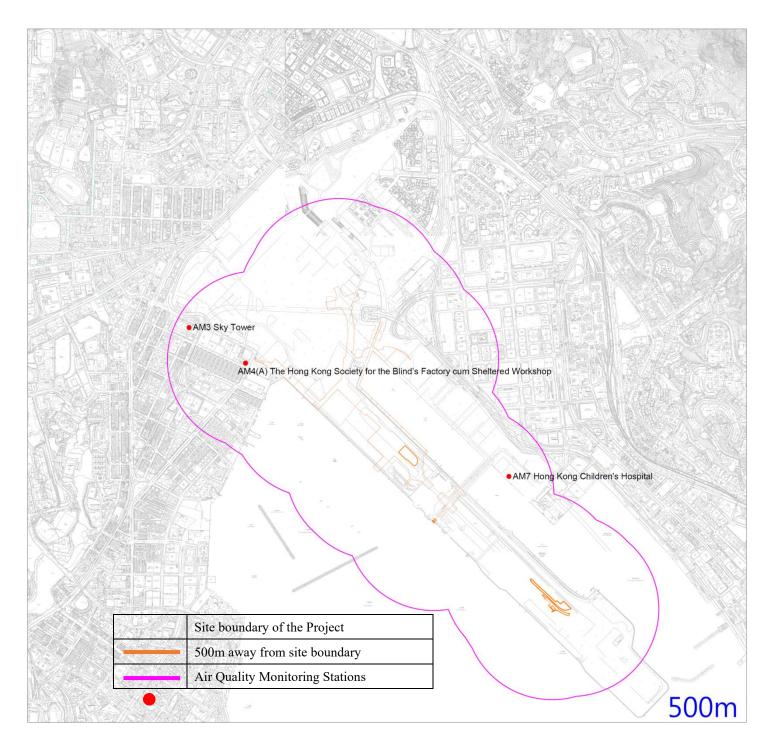


Figure 6 – Air Quality Monitoring Stations

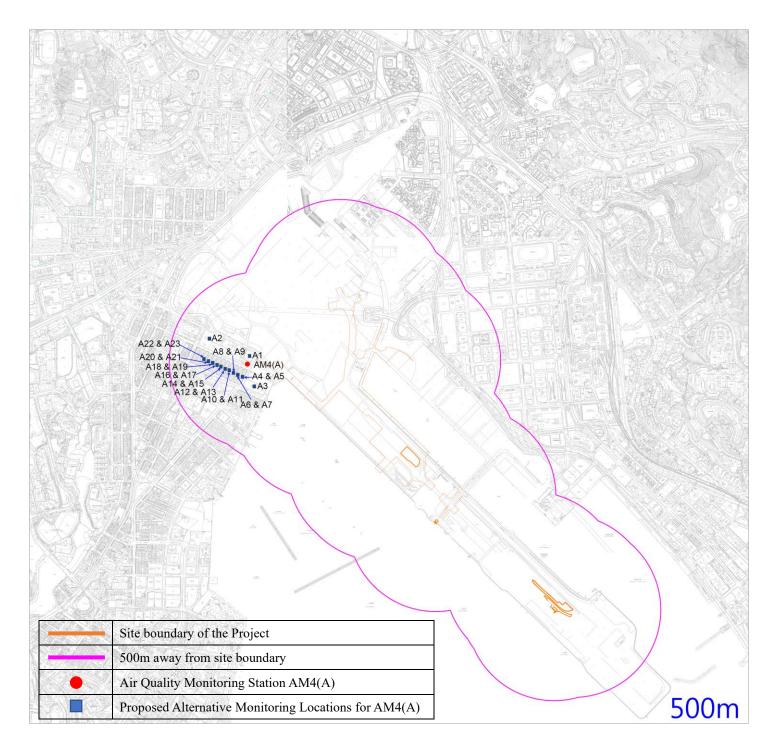


Figure 7 – Proposed Alternative Monitoring Locations for AM4(A)

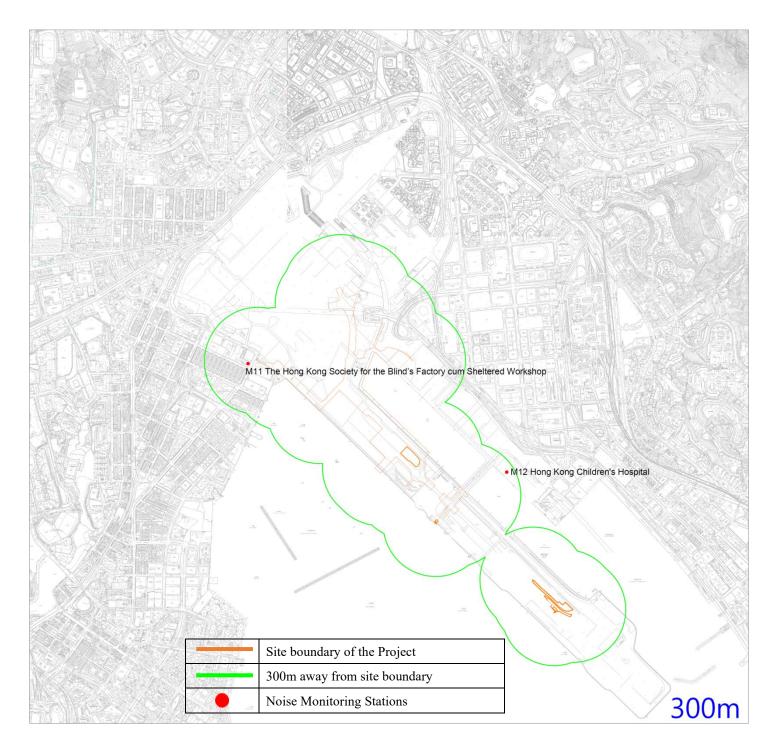


Figure 8 – Noise Monitoring Stations

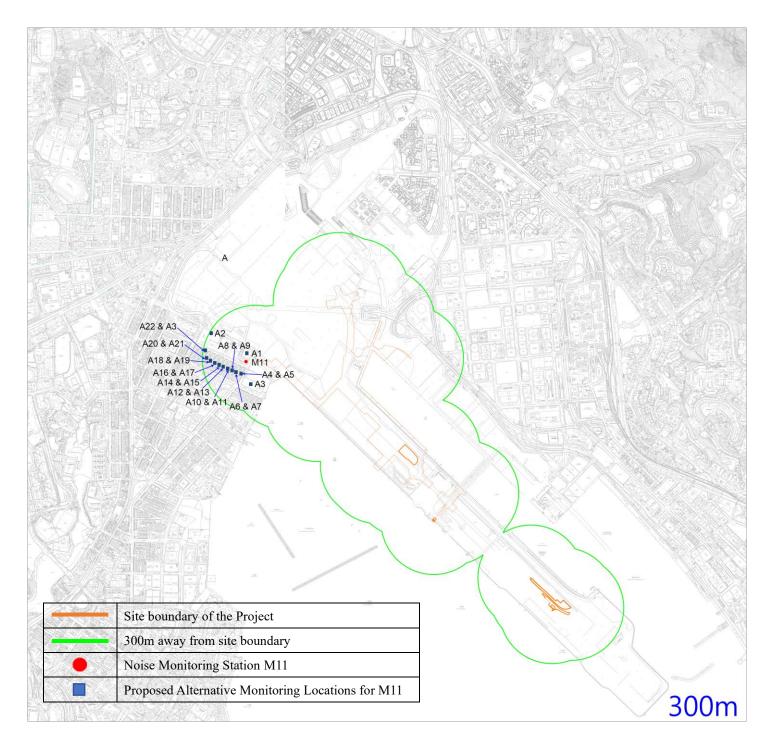
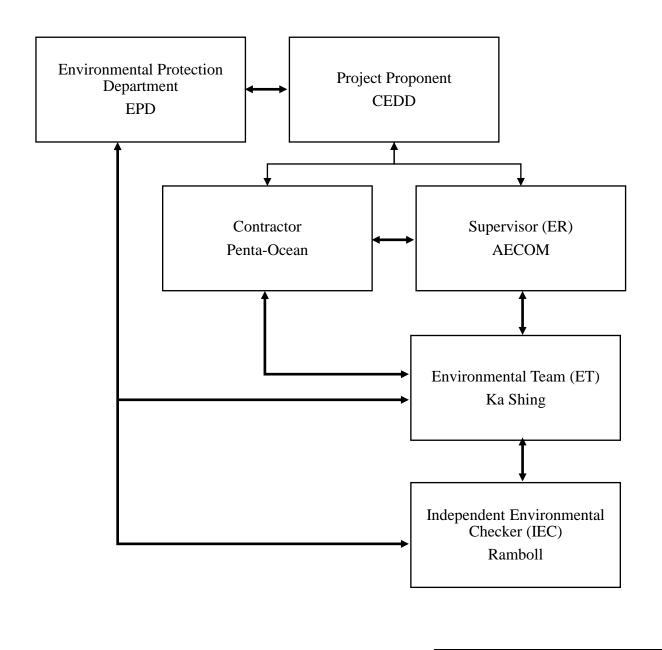
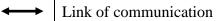


Figure 9 – Proposed Alternative Monitoring Locations for M11

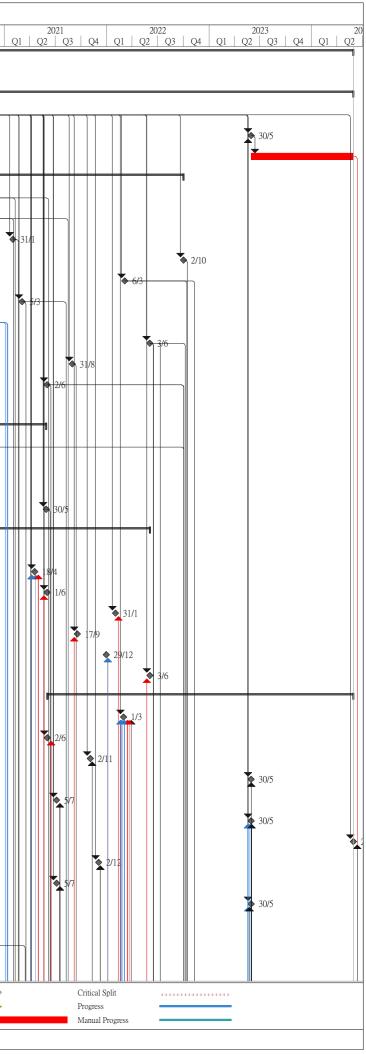
Appendix A – Organization Chart of EM&A Team



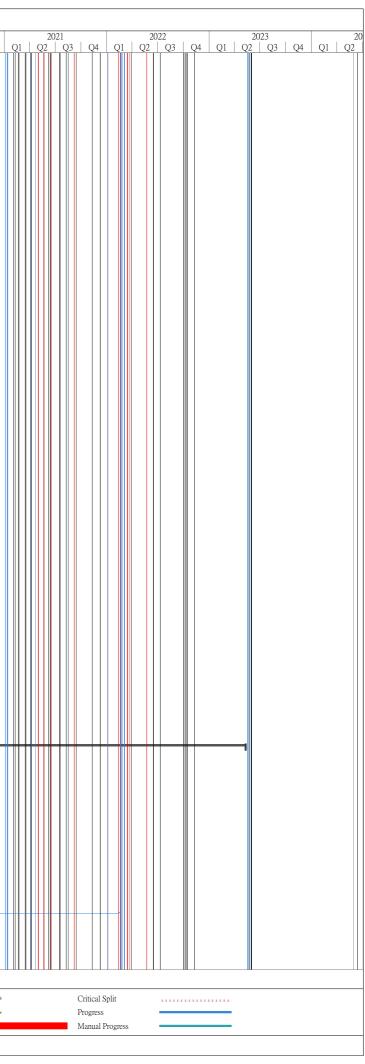


# **Appendix B – Construction Programme**

)	Task Name	Duration	Actual	Remaining	Physical %	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total	TRA	Predecessors	202	
1	Project Dates		Duration 5.03 days	Duration 1835.97 days	Complete 0%	Thu 16/5/19		Thu 16/5/19		Thu 16/5/19	Wed 29/5/24	Slack 0 days	0 days		Q2	
2	Contract Date	0 days		0 days	0%	Thu 16/5/19			Thu 16/5/19		Thu 16/5/19		0 days			
3	Date of Commencement & Completion (CDP1: Item 3)			1827 days	0%	Thu 30/5/19		Thu 30/5/19		Thu 30/5/19	Wed 29/5/24					
	· · · · · ·	1827 days											0 days	OEC: 14 Januar		
4	Starting Date (CDPart1: Item 3)	0 days		0 days	100%	Thu 30/5/19		Thu 30/5/19			Thu 30/5/19	0 days		2FS+14 days		
5	Completion Date		0 days	0 days	0%	Tue 30/5/23	Tue 30/5/23		NA	Tue 30/5/23	Tue 30/5/23	0 days		4FS+1461 days,		
6	Establishment Work	365 days		365 days	0%	Wed 31/5/23	Wed 29/5/24		NA	Wed 31/5/23	Wed 29/5/24		0 days	5		
7	Schedule of Access Dates (CDP1: Item 3[TA No.1)	1221 days	1221 days	0 days	0%	Thu 30/5/19	Sun 2/10/22	Thu 30/5/19	NA	Thu 30/5/19	Sun 2/10/22	0 days	0 days			+
8	Access Date - Part 1, 6A,6B,9A,9B	0 days	0 days	0 days	100%	Thu 30/5/19	Thu 30/5/19	Thu 30/5/19	Thu 30/5/19	Thu 30/5/19	Thu 30/5/19	0 days	0 days	4		+
9	Access Date - Part 2A,2C	0 days	0 days	0 days	0%	Tue 2/6/20	Tue 2/6/20	NA	NA	Tue 2/6/20	Tue 2/6/20	0 days	0 days	4FS+369 days	<b>2</b>	2/6
10	Access Date - Part 2B	0 days	0 days	0 days	0%	Sun 31/1/21	Sun 31/1/21	NA	NA	Sun 31/1/21	Sun 31/1/21	0 days	0 days	4FS+612 days		
11	Access Date - Part 2E	0 days	0 days	0 days	0%	Sun 2/10/22	Sun 2/10/22	NA	NA	Sun 2/10/22	Sun 2/10/22	0 days	0 days	4FS+1221 days		
12	Access Date - Part 3A	0 days	0 days	0 days	0%	Sun 6/3/22	Sun 6/3/22	NA	NA	Sun 6/3/22	Sun 6/3/22	0 days	0 days	4FS+1011 days		
13	Access Date - Part 3B,4	0 days	0 days	0 days	0%	Fri 5/3/21	Fri 5/3/21	NA	NA	Fri 5/3/21	Fri 5/3/21	0 days	0 days	4FS+645 days		
14	Access Date - Part 3C,3D,3E,3G,3I	1 day	1 day	0 days	100%	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19	0 days	0 days			$\parallel$
15	Access Date - Part 3F	0 days	0 days	0 days	0%	Fri 3/6/22	Fri 3/6/22	NA	NA	Fri 3/6/22	Fri 3/6/22	0 days	0 days	4FS+1100 days		
16	Access Date - Part 3H,7A,7B,8,9 (TA No.1)	0 days	0 days	0 days	0%	Tue 31/8/21	Tue 31/8/21	NA	NA	Tue 31/8/21	Tue 31/8/21	0 days	0 days	4FS+824 days		
17	Access Date - Part 10	0 days	0 days	0 days	0%	Wed 2/6/21	Wed 2/6/21	NA	NA	Wed 2/6/21	Wed 2/6/21	0 days	0 days	4FS+734 days		
18	Access Date - Area WA1	0 days	0 days	0 days	100%	Thu 30/5/19	Thu 30/5/19	Thu 30/5/19	Thu 30/5/19	Thu 30/5/19	Thu 30/5/19	0 days	0 days	4		
19	Schedule of Time for Ordering (CDP1: Item Cl.B5)	695 days	-	695 days	0%	Fri 5/7/19	Sun 30/5/21	Fri 5/7/19	NA	Fri 5/7/19	Sun 30/5/21		0 days			#
20	Time for Ordering "Section Subject to Excision" - Section 4		0 days	0 days	0%	Tue 2/6/20	Tue 2/6/20	NA	NA	Tue 2/6/20	Tue 2/6/20	0 days		4FS+368 days		7/6
20	Time for Ordering "Section Subject to Excision" - Section 8		0 days	0 days	0%	Tue 2/6/20	Tue 2/6/20	NA	NA	Tue 2/6/20	Tue 2/6/20	0 days		4FS+368 days		
22	Time for Ordering "Section Subject to Excision" - Section 9		0 days	0 days	100%	Fri 5/7/19	Fri 5/7/19	Fri 5/7/19	Fri 5/7/19	Fri 5/7/19	Fri 5/7/19	0 days		4FS+35 days		
22	Time for Ordering "Section Subject to Excision" - Section 9			0 days	0%	Sun 30/5/21	Sun 30/5/21		NA	Sun 30/5/21	Sun 30/5/21			4FS+730 days		
			0 days											4F5+750 days		
24	Schedule of Key Dates (CDP1: Item 3[TA No.1])	665 days	-	665 days	0%	Fri 7/8/20	Fri 3/6/22	NA	NA	Fri 7/8/20	Fri 3/6/22		0 days	172 125 1 5		Ţ
25	KD1		0 days	0 days	0%	Fri 7/8/20	Fri 7/8/20	NA	NA	Fri 7/8/20	Fri 7/8/20			4FS+435 days,70		
26	KD2		0 days	0 days	0%	Sun 18/4/21	Sun 18/4/21		NA	Sun 18/4/21	Sun 18/4/21	0 days	-	4FS+689 days,70		
27	KD3	0 days		0 days	0%		Tue 1/6/21			Tue 1/6/21				4FS+733 days,70		
28	KD4	0 days	0 days	0 days	0%	Mon 31/1/22	Mon 31/1/22	NA	NA	Mon 31/1/22	Mon 31/1/22	0 days	0 days	4FS+977 days,70		
29	KD5	0 days	0 days	0 days	0%	Fri 17/9/21	Fri 17/9/21	NA	NA	Fri 17/9/21	Fri 17/9/21	0 days	0 days	4FS+841 days,70		
30	KD6	0 days	0 days	0 days	0%	Wed 29/12/21	Wed 29/12/21	NA	NA	Wed 29/12/21	Wed 29/12/21	0 days	0 days	706,883		
31	KD7	0 days	0 days	0 days	0%	Fri 3/6/22	Fri 3/6/22	NA	NA	Fri 3/6/22	Fri 3/6/22	0 days	0 days	4FS+1100 days,'		
32	Schedule of Section Completion (CDP1 Cl. X5)	1092 days	0 days	1092 days	0%	Wed 2/6/21	Wed 29/5/24	NA	NA	Wed 2/6/21	Wed 29/5/24	0 days	0 days			
33	Section Completion Date Section 1	0 days	0 days	0 days	0%	Tue 1/3/22	Tue 1/3/22	NA	NA	Tue 1/3/22	Tue 1/3/22	-13 days	0 days	4FS+1006 days,6		
34	Section Completion Date Section 2	0 days	0 days	0 days	0%	Wed 2/6/21	Wed 2/6/21	NA	NA	Wed 2/6/21	Wed 2/6/21	0 days	0 days	4FS+734 days,69		
35	Section Completion Date Section 3	0 days	0 days	0 days	0%	Tue 2/11/21	Tue 2/11/21	NA	NA	Tue 2/11/21	Tue 2/11/21	0 days	0 days	4FS+887 days,69		
36	Section Completion Date Section 4	0 days	0 days	0 days	0%	Tue 30/5/23	Tue 30/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	0 days	0 days	4FS+1461 days,6		
37	Section Completion Date Section 5	0 days	0 days	0 days	0%	Mon 5/7/21	Mon 5/7/21	NA	NA	Mon 5/7/21	Mon 5/7/21	0 days	0 days	4FS+767 days,69		
38	Section Completion Date Section 6	0 days	0 days	0 days	0%	Tue 30/5/23	Tue 30/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	0 days	0 days	4FS+1461 days,6		
39	Section Completion Date Section 7	0 days	0 days	0 days	0%	Wed 29/5/24	Wed 29/5/24	NA	NA	Wed 29/5/24	Wed 29/5/24	0 days	0 days	4FS+1826 days,6		
40	Section Completion Date Section 8		0 days	0 days	0%	Thu 2/12/21	Thu 2/12/21		NA	Thu 2/12/21	Thu 2/12/21	0 days		4FS+917 days,69		
40	Section Completion Date Section 9 Section Completion Date Section 9		0 days	0 days	0%	Mon 5/7/21	Mon 5/7/21		NA	Mon 5/7/21	Mon 5/7/21	0 days		4FS+767 days,69		
			-		0%		Tue 30/5/23									
42	Section Completion Date Section 10		0 days	0 days		Tue 30/5/23			NA	Tue 30/5/23	Tue 30/5/23		0 days	4FS+1461 days,'		
43	Pre-meeting of ACABAS	77 days		77 days	0%	Mon 29/6/20	Mon 14/9/20		NA	Mon 6/7/20	Mon 14/9/20	0 days				
44	Pre-meeting of ACABAS		0 days	0 days	0%	Mon 29/6/20	Mon 29/6/20		NA	Thu 23/7/20	Thu 23/7/20	24 days			•	29
45	Task Force on Kai Tak Harbourfront Development Meeting	0 days	0 days	0 days	0%	Mon 6/7/20	Mon 6/7/20	NA	NA	Mon 6/7/20	Mon 6/7/20	0 days				▶ 6/T
tle <sup>, I</sup>	Rev.11 Prog with Progress	Summary			Inactive N			Duration-or	ly		Start-only		C	Exte	mal Mile	stone
	22-May-20 Split Milestone	Project Sumi Inactive Tasl		1	Inactive S Manual T			<ul> <li>Manual Sur</li> <li>Manual Sur</li> </ul>	nmary Rollup 💼		Finish-only External Tasl		3	Deac Criti		
	Milestone •	Inactive Tac	r								<ul> <li>Hytemal l'acl</li> </ul>			( 'rifi	Cal	



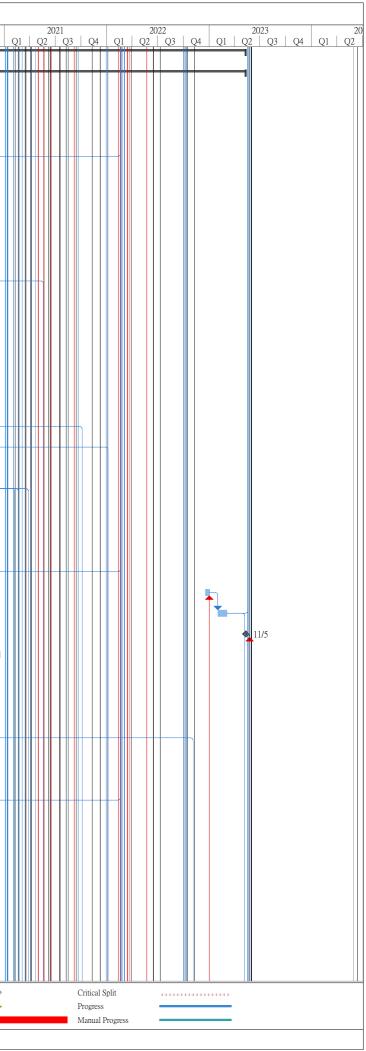
)	Task Name	Duration		Remaining	Physical %	Early Start	Early Finish	Actual Start		5	Late Finish	Total	TRA	Predecessors		020
46	District Council Consultation	0 days	Duration 0 days	Duration 0 days	Complete 0%	Mon 14/9/20	Mon 14/9/20	NA	NA	Mon 14/9/20	Mon 14/9/20	Slack 0 days			Q2	H
47	Project Manager's Instruction	-	8 days	0 days	0%	Thu 20/2/20	Fri 28/2/20	Thu 20/2/20		Thu 20/2/20	Fri 28/2/20	0 days				
48	PMI No. 001 - BIM Promenade Walk-through Video for Infrastructure in Kai Tak Stage 4		0 days	0 days	100%	Thu 20/2/20	Thu 20/2/20	Thu 20/2/20	Thu 20/2/20		Thu 20/2/20	0 days			0/2	
49	PMI No. 002 - Arranagement of Restricting Site Activities due to Spread of the Noval		0 days	0 days	100%	Fri 28/2/20	Fri 28/2/20	Fri 28/2/20	Fri 28/2/20		Fri 28/2/20	0 days			0/2	
77	Coronavirus Between 29 January 2020 to 02 February 2020	0 days	0 days	0 days	100%	11120/2/20	111 20/2/20	111 20/2/20	111 20/2/20	111 20/2/20	111 20/2/20	0 days			20/2	
50	Compensation Event	16 days	16 days	0 days	0%	Mon 10/2/20	Wed 26/2/20	Mon 10/2/20	Wed 26/2/20	Mon 10/2/20	Wed 26/2/20	0 days				
51	CE/001: BIM Promenade Walk-through Video for Infrastructure in Kai Tak Stage 4	0 days	0 days	0 days	100%	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	0 days			V2	
52	CE/002 - Arranagement of Restricting Site Activities due to Spread of the Noval Coronavirus Between 29 January 2020 to 02 February 2020	0 days	0 days	0 days	100%	Wed 26/2/20	Wed 26/2/20	Wed 26/2/20	Wed 26/2/20	Wed 26/2/20	Wed 26/2/20	0 days			26/2	
50		0.57.1	257.1	0.1	0.01	140540	16 20/2/20		1.6		1.6 20/0/00	0.1				
53	Early Warning		257 days	0 days	0%	Wed 10/7/19		Wed 10/7/19			Mon 23/3/20	0 days				
54	EW No. 001: CLP's 11kV and 132kV Cable Routing across Utility Trough of Bridge D3 and Alongside Road D3 (Metro Park Section)	0 days	0 days	0 days	100%	Wed 10/7/19	Wed 10///19	Wed 10/7/19	Wed 10///19	Wed 10/7/19	Wed 10/7/19	0 days				
55	EW No. 002: Deep Excavation Basement Construction Works from CKR-BEM Contract	0 days	0 days	0 days	100%	Thu 5/9/19	Thu 5/9/19	Thu 5/9/19	Thu 5/9/19	Thu 5/9/19	Thu 5/9/19	0 days				
56	EW No. 003: Overhang Cables of CLP Delay the Northern Depressed Road	0 days	0 days	0 days	100%	Wed 11/9/19	Wed 11/9/19	Wed 11/9/19	Wed 11/9/19	Wed 11/9/19	Wed 11/9/19	0 days				
57	EW No. 004: Late Commencement on Noise and Air Baseline Monitoring Delay the	0 days	0 days	0 days	100%	Mon 4/11/19	Mon 4/11/19	Mon 4/11/19	Mon 4/11/19	Mon 4/11/19	Mon 4/11/19	0 days				
	Northern Depressed Road CH1560 to 1720															
58	EW No. 005: Maintain the SCL RoW which should have been diverted to the RoW Constructed by KTSP caused Disruption to the Construction of North Approach Ramp	0 days	0 days	0 days	100%	Wed 13/11/19	Wed 13/11/19	Wed 13/11/19	Wed 13/11/19	Wed 13/11/19	Wed 13/11/19	0 days				
	especially affect the KTD1															
59	EW No. 006: Deferral of Design Deliverables	0 days	0 days	0 days	100%	Mon 16/12/19	Mon 16/12/19	Mon 16/12/19	Mon 16/12/	Mon 16/12/19	Mon 16/12/19	0 days				
60	EW No. 007: Delay on Driven H-piles by KTSP may affect the KD1	0 days	0 days	0 days	100%	Fri 20/12/19	Fri 20/12/19	Fri 20/12/19	Fri 20/12/19	Fri 20/12/19	Fri 20/12/19	0 days				
61	EW No. 008: Not Allow to Extract Sheetpiles of North Approach Ramp beside Kai Tak Sport Park as Discussed at the Interface Meeting	0 days	0 days	0 days	100%	Fri 27/12/19	Fri 27/12/19	Fri 27/12/19	Fri 27/12/19	Fri 27/12/19	Fri 27/12/19	0 days				
62	EW No. 010: Existing 150mm Fresh Water Pipe clashing with Bridge D3 and South	0 days	0 days	0 days	100%	Wed 8/1/20	Wed 8/1/20	Wed 8/1/20	Wed 8/1/20	Wed 8/1/20	Wed 8/1/20	0 days				
63	Approach Ramp		0 days	0 days	100%	Tue 14/1/20		Tue 14/1/20			Tue 14/1/20	0 days				
03	EW No. 011: Additional Requirement for Special Arrangement for Design and Constructioon of Noise Barrier fir Future Connection of Footbridge FB10 from Development Site 4B5	0 days	0 days	0 days	100%	Tue 14/1/20	Tue 14/1/20	Tue 14/1/20	Tue 14/1/20	1 ue 14/1/20	1 ue 14/1/20	0 days				
64	EW No. 014: Planning of the Works in Revised Programme (Rev. 6)	0 days	0 days	0 days	100%	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	Mon 10/2/20	0 days			V2	
65	EW No. 015: Outbreak of Novel Coronavirus (Constraints on Working Time)	0 days	0 days	0 days	100%	Tue 11/2/20	Tue 11/2/20	Tue 11/2/20	Tue 11/2/20	Tue 11/2/20	Tue 11/2/20	0 days			/2	
66	EW No. 016: Outbreak of Novel Coronavirus (Late Supply of Agggregate)	0 days	0 days	0 days	100%	Wed 19/2/20	Wed 19/2/20	Wed 19/2/20	Wed 19/2/20	Wed 19/2/20	Wed 19/2/20	0 days			9/2	
67	EW No. 020: GEO Audit for Underpass D3	0 days	0 days	0 days	100%	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	0 days			13/3	
68	EW No. 021: Unforessen Underground Water at North Approach Ramp Bay 6	0 days	0 days	0 days	100%	Thu 12/3/20	Thu 12/3/20	Thu 12/3/20	Thu 12/3/20	Thu 12/3/20	Thu 12/3/20	0 days			12/3	
69	EW No. 022:Deferral of Interface Management Plan Submission for Noise Barrier Works	0 days	0 days	0 days	100%	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	Fri 13/3/20	0 days			13/3	
70	EW No. 023:Disruption of the Works due to Stockpile was not allowed to dispose to the	0 days	0 days	0 days	100%	Mon 16/3/20	Mon 16/3/20	Mon 16/3/20	Mon 16/3/20	Mon 16/3/20	Mon 16/3/20	0 days			16/3	
71	Proposed Disposal Ground EW No. 025: Broken Steel Casing for Bored Pile P02-BP2	0 days	0 days	0 days	100%	Mon 23/3/20	Mon 23/3/20	Mon 23/3/20	Mon 23/3/20	Mon 23/3/20	Mon 23/3/20	0 days			23/3	
72	Contractor's Notification of Compensation Event	14 days	0 days	14 days	0%	Thu 28/5/20	Thu 11/6/20	NA	NA	Tue 9/6/20	Tue 7/7/20	12 days	3		- n	
73	Compensation Event (CNCE) No. 009 - Inclement Weather in April 2020	0 days	0 days	0 days	0%	Thu 28/5/20	Thu 28/5/20	NA	NA	Tue 7/7/20	Tue 7/7/20	40 days	3			-28/1
74	Compensation Event - Inclement Weather in May 2020	0 days	0 days	0 days	0%	Thu 11/6/20	Thu 11/6/20	NA	NA	Tue 9/6/20	Tue 9/6/20	-2 days				
75	Project Submission		s401.03 days	1055.97 days	0%	Thu 16/5/19	Thu 11/5/23	Thu 16/5/19	NA	Thu 16/5/19	Thu 11/5/23	0 days	0 days			
76	Submit Third Parties Insurance		71 days	0 days	100%	Tue 18/6/19		Tue 18/6/19	Tue 27/8/19	Tue 18/6/19	Tue 27/8/19	0 days		4		
77	Works Programme		160 days	0 days	0%	Thu 16/5/19			Thu 15/8/19		Tue 22/10/19	0 days		-		
78	Submit First Programme	20 days	-	0 days	100%	Thu 16/5/19	Tue 4/6/19	Thu 16/5/19		Thu 16/5/19	Tue 4/6/19	0 days		2		
70	Review and Comment by Project Manager	9 days		0 days	100%	Wed 5/6/19	Thu 13/6/19	Wed 5/6/19	Thu 13/6/19		Thu 13/6/19	0 days		78		
80	Revise and Resubmission of Works Programme	42 days		0 days	100%	Fri 14/6/19		Fri 14/6/19	Thu 15/0/19		Thu 15/0/19	0 days		79		
80	Final Review and Acceptance of the First Programme by Project Manager	42 days		0 days 0 days	100%	Sat 27/7/19	Thu 25/7/19 Thu 15/8/19	Sat 27/7/19	Thu 25/7/19 Thu 15/8/19		Thu 25/7/19 Thu 15/8/19	0 days		80		
81	Submit Health and Safety Management Plan (ACC Cl. D6(2))						Tue 4/6/19			Thu 30/5/19						
		6 days	-	0 days	100%	Thu 30/5/19					Tue 4/6/19	0 days	-			
83	Submit Detailed Programme for Safety Risk (ER Part 7, Cl. 7.3.4)	34 days		0 days	100%	Mon 9/12/19	Sat 11/1/20		Sat 11/1/20		Sat 11/1/20	0 days				
84	Submit Environmental Management Plan (ACC Cl. D20(2))	6 days	-	0 days	100%	Thu 30/5/19	Tue 4/6/19	Thu 30/5/19		Thu 30/5/19	Tue 4/6/19	0 days	-	4		
85	Submit BIM Models Deliverables	262 days	262 days	0 days	0%	Tue 13/8/19	Thu 30/4/20	Tue 13/8/19	Thu 30/4/20	Tue 13/8/19	Thu 30/4/20	0 days				
itle: F	Rev. 11 Prog with Progress	Summary Project Sum	1		Inactive N			Duration-on	-		Start-only Finish only		С Э		xternal Mi	lesto
as of a	22-May-20	Project Sum Inactive Tas			Inactive S Manual T			<ul> <li>Manual Sun</li> <li>Manual Sun</li> </ul>	nmary Rollup 💼 nmary 🛛 🖡		Finish-only External Task	ks	-		eadline ritical	
									e 2 of 36							—



Ta	sk Name			Duration	Actual	Remaining	Physical %	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total	TRA	Predecessors	20	)20
					Duration	Duration	Complete							Slack		Fieuecessors	Q2	
86	Existing Site Model (Topography)			46 days	-	0 days	100%	Tue 13/8/19	Fri 27/9/19		Fri 27/9/19		Fri 27/9/19	0 days	1 day			
87	Existing Underground Utilities (UU			33 days	-	0 days	100%	Mon 26/8/19	Fri 27/9/19	Mon 26/8/19			Fri 27/9/19	0 days	1 day			
88	3D Digital Survey For Existing Co	nditions		44 days	-	0 days	100%	Mon 2/9/19			Tue 15/10/19		Tue 15/10/19	0 days	1 day			
89	3D Photogrametry Model			46 days		0 days	100%	Mon 16/9/19		Mon 16/9/19			Thu 31/10/19	0 days	1 day			
90	AIP Model			16.92 day	/ 16.92 days	0 days	100%	Fri 6/9/19	Sun 22/9/19	Fri 6/9/19	Sun 22/9/19	Fri 6/9/19	Sun 22/9/19	0 days	1 day			
91	Interfacing Contract Model			53 days	53 days	0 days	100%	Mon 9/9/19	Thu 31/10/19	Mon 9/9/19	Thu 31/10/19	Mon 9/9/19	Thu 31/10/19	0 days	1 day			
92	Monthly Updated BIM Model			1 day	1 day	0 days	100%	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19	Thu 31/10/19	0 days	1 day			
93	4D Model Linked Up with Program	nme		0 days	0 days	0 days	100%	Thu 30/4/20	Thu 30/4/20	Thu 30/4/20	Thu 30/4/20	Thu 30/4/20	Thu 30/4/20	0 days	1 day		<b>♦</b> 30	/4
94	Construction Method Simulation (	CMS) in 3D Model		0 days	0 days	0 days	100%	Wed 22/4/20	Wed 22/4/20	Wed 22/4/20	Wed 22/4/20	Wed 22/4/20	Wed 22/4/20	0 days	1 day		♦ 22/4	4
95	BIM Deliverables Schedule			896 days	3.72 days	892.28 days	0%	Thu 16/5/19	Wed 27/10/21	Thu 16/5/19	NA	Thu 16/5/19	Tue 11/1/22	76 days				
96	Establish BIM Team			0 days	0 days	0 days	100%	Sat 3/8/19	Sat 3/8/19	Sat 3/8/19	Sat 3/8/19	Sat 3/8/19	Sat 3/8/19	0 days	1 day			
97	BIM Execution Plan			0 days	0 days	0 days	100%	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	0 days	1 day			
98	BIM Submission Schedule			0 days	0 days	0 days	100%	Fri 16/8/19	Fri 16/8/19	Fri 16/8/19	Fri 16/8/19	Fri 16/8/19	Fri 16/8/19	0 days	1 day			
99	BIM 360 License			0 days	0 days	0 days	100%	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	0 days	1 day			
00	BIM/Drawing Management Softwa	ire System		0 days	0 days	0 days	100%	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	Sat 31/8/19	0 days	1 day			
01	CDE Setup			1 day	1 day	0 days	100%	Sat 31/8/19	Mon 9/9/19	Sat 31/8/19	Mon 9/9/19	Sat 31/8/19	Mon 9/9/19	0 days	1 day		-	
02	Clash Report Format			-	0 days	0 days	100%	Thu 12/9/19	Thu 12/9/19	Thu 12/9/19	Thu 12/9/19	Thu 12/9/19	Thu 12/9/19	0 days	1 day			
03	Monthly Report Format				0 days	0 days	100%	Thu 12/9/19		Thu 12/9/19			Thu 12/9/19		1 day			
04	Quality Assurance Plan for BIM			-	0 days	0 days	100%	Mon 30/9/19		Mon 30/9/19			Mon 30/9/19	0 days	1 day		_	
05	BIM Training Plan				0 days	0 days	100%	Thu 10/10/19		Thu 10/10/19			Thu 10/10/19	0 days	1 day			
06	BIM Training Schedule for CIC Tr	aining		-	0 days	0 days	100%	Mon 30/9/19		Mon 30/9/19			Mon 30/9/19		1 day			
07	Monthly BIM Progress Report	annig			-	0 days	100%	Thu 16/5/19					Tue 31/12/19		1 day			
					0 days	-				Thu 16/5/19				0 days			_	
08	Monthly Clash Report				1 day	0 days	100%	Tue 31/3/20		Tue 31/3/20			Tue 31/3/20		1 day			
.09	BIM Object Libraries			-	1 day	0 days	100%	Thu 12/9/19		Thu 12/9/19			Thu 12/9/19		1 day			
10	Trees Preservation and Removal Pr Submission			-	0 days	0 days	0%	Mon 2/11/20	Mon 2/11/20		NA	Sun 17/1/21	Sun 17/1/21	63 days				
11	Trees Preservation and Removal Preservation Comment & Approval	oposal (TPRP) for tress by Relevant Governmer	along promenade open space nt Authories	e 360 days	0 days	360 days	0%	Mon 2/11/20	Wed 27/10/21	NA	NA	Sun 17/1/21	Tue 11/1/22	76 days	1 day	110		
12	Trees Preservation and Removal Pr	roposal (TPRP) for tress	along Sing Kai Submission	0 days	0 days	0 days	0%	Fri 31/7/20	Fri 31/7/20	NA	NA	Wed 30/9/20	Wed 30/9/20	52 days	1 day			<ul> <li>♣ 31.</li> </ul>
13	Trees Preservation and Removal Pr Submission Comment & Approval	oposal (TPRP) for tress	along Sing Kai Road	360 days	0 days	360 days	0%	Fri 31/7/20	Sun 25/7/21	NA	NA	Wed 30/9/20	Fri 24/9/21	61 days	1 day	112		
	Submission Comment & Approval	by Relevant Governmer	nt Authories															
14	Temporary Traffic Management			478 days	447.84 days	30.16 days	0%	Thu 30/5/19	Fri 18/9/20	Thu 30/5/19	NA	Thu 30/5/19	Fri 25/9/20	7 days				
15	Submit Traffic Engineering Consu	tant and TTM Team Lea	ader (PS1.16(3))	14 days	14 days	0 days	100%	Thu 30/5/19	Wed 12/6/19	Thu 30/5/19	Wed 12/6/19	Thu 30/5/19	Wed 12/6/19	0 days	1 day	4		
16	Submit EP Mgt System Co-ordinat	or (PS Cl. 1.18N(2))		7 days	7 days	0 days	100%	Thu 30/5/19	Wed 5/6/19	Thu 30/5/19	Wed 5/6/19	Thu 30/5/19	Wed 5/6/19	0 days	1 day	4		
17	Approve of EP Co-ordinator by Pro-	oject Manager (PS Cl. 1.	18N(2))	14 days	14 days	0 days	100%	Thu 6/6/19	Wed 19/6/19	Thu 6/6/19	Wed 19/6/19	Thu 6/6/19	Wed 19/6/19	0 days	1 day	116		
18	Submit UU detection equipment for	r Supervisor approval (F	PS Cl. 1.25A(1))	7 days	7 days	0 days	100%	Thu 30/5/19	Wed 5/6/19	Thu 30/5/19	Wed 5/6/19	Thu 30/5/19	Wed 5/6/19	0 days	1 day	4		
19	Submit & obtain approval: site offi submission + 14d approval)	ce's location and layout	plan (PS Cl. 1.45(11)) (7d	47 days	47 days	0 days	100%	Thu 30/5/19	Fri 18/10/19	Thu 30/5/19	Fri 18/10/19	Thu 30/5/19	Fri 18/10/19	0 days	1 day	4		
20	Submit Site survey record (PS Cl.1	.47(7))		34 days	34 days	0 days	100%	Thu 30/5/19	Tue 2/7/19	Thu 30/5/19	Tue 2/7/19	Thu 30/5/19	Tue 2/7/19	0 days	1 day	4		
21	Submit & obtain approval: fencing	& hoarding plan (PS Cl	. 1.48(10)	40 days	0 days	40 days	0%	Mon 10/8/20	Fri 18/9/20	NA	NA	Mon 17/8/20	Fri 25/9/20	7 days	0.5 days	4		Υ.
22	Submit site facilities (PS Cl. 1.50S	)		65 days	65 days	0 days	100%	Thu 30/5/19	Fri 2/8/19	Thu 30/5/19	Fri 2/8/19	Thu 30/5/19	Fri 2/8/19	0 days	0.5 days	4		
23	Submit security system (PS Cl. 1.5	3A(5))		36 days	36 days	0 days	100%	Thu 30/5/19	Thu 4/7/19	Thu 30/5/19	Thu 4/7/19	Thu 30/5/19	Thu 4/7/19	0 days	0.5 days	4		
24	Submit Interface Management Plar			47 days	-	0 days	100%	Thu 30/5/19	Mon 15/7/19	Thu 30/5/19	Mon 15/7/19		Mon 15/7/19	0 days	0.5 days		_	
15	Submit Subcontractor Managemen			13 days		0 days	100%	Thu 30/5/19		Thu 30/5/19			Tue 11/6/19	0 days	0.5 days			
.5	Submit Temporary Drainage and S		$ an(PS(C)  + 24\Delta(1)) $		174 days	0 days	100%	Thu 30/5/19 Thu 30/5/19		Thu 30/5/19			Tue 19/11/19	0 days	1 day	4		
			aar (10 Cr. 1.2473(1))													7		
27	Submit EM&A Manual (ER Part 8	, ,		6 days	-	0 days	100%	Thu 30/5/19	Tue 4/6/19		Tue 4/6/19		Tue 4/6/19	-	0 days	4		
28	Submit Proposal of selection of sup		enais (ACC CI. CII(I)	80 days		0 days	100%	Thu 30/5/19	Sat 17/8/19		Sat 17/8/19		Sat 17/8/19	0 days	0 days	4		
29	Submit Contractor's Management	feam (ACC Cl. D1(3))		50 days	50 days	0 days	100%	Thu 30/5/19	Thu 18/7/19	Thu 30/5/19	Thu 18/7/19	Thu 30/5/19	Thu 18/7/19	0 days	0 days	4		
le: Rev	.11 Prog with Progress	Task		Summary			Inactive N			Duration-on			Start-only		C		ternal Mile	estone
	-May-20	Split		Project Sum	mary		Inactive S	Summary 🛛		Manual Sun	nmary Rollup 🗧		Finish-only		3	De	eadline	

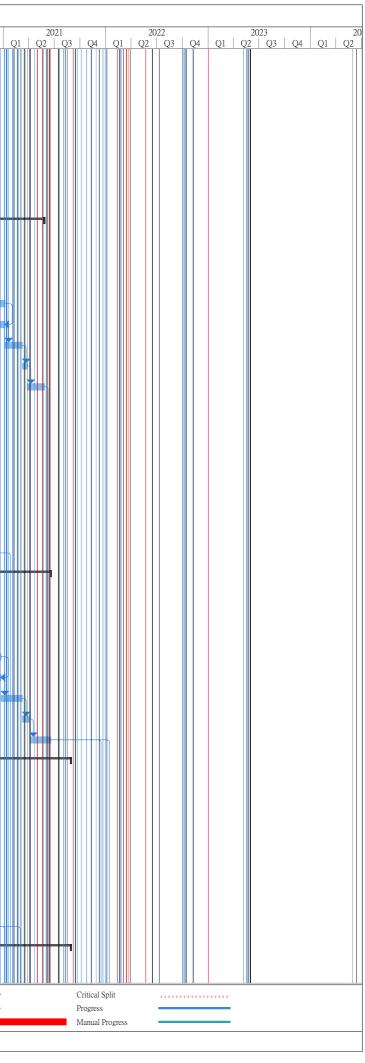
	2021	2022	2023 20 Q1 Q2 Q3 Q4 Q1 Q2
Critical Split	2021 Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4 Q1 Q2
Critical Split			
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) [	Task Name	Duration A	ctual	Remaining	Physical %	Early Start		Actual Start			Late Finish	Total	TRA	Predecessors	20	)20
		D	Duration	Duration	Complete							Slack	IKA	r ieuecessois		Q3
30	Permanent Works Design Submission		-	1083.92 days	0%	Thu 16/5/19		Thu 16/5/19		Thu 16/5/19	Thu 11/5/23	0 days				
31	General Design Submission			487.54 days	0%	Thu 30/5/19		Thu 30/5/19		Thu 30/5/19	Thu 11/5/23	0 days		4		
2	Project Design Plan (Draft)	16 days 10	-	0 days	100%	Thu 30/5/19		Thu 30/5/19		Thu 30/5/19	Fri 14/6/19	0 days	1 day	4		
3	Project Design Plan (Draft) Comment by PM	14 days 14	4 days	0 days	100%	Sat 15/6/19	Fri 28/6/19			Sat 15/6/19	Fri 28/6/19	0 days	1 day			
34	Address Comments	120 days 6	-	54 days	55%	Tue 2/7/19	Wed 15/7/20	Tue 2/7/19	NA	Tue 2/7/19	Thu 11/5/23	1030 d	1 days	132	•••	
35	Project Design Plan (Final)	54 days 54	4 days	0 days	100%	Thu 5/9/19	Tue 29/10/19	Thu 5/9/19	Tue 29/10/19	Thu 5/9/19	Tue 29/10/19	0 days	1 days	134		
36	Design Memorandum (include E&M Provision) (Draft)	26 days 20	6 days	0 days	100%	Tue 4/6/19	Sat 29/6/19	Tue 4/6/19	Sat 29/6/19	Tue 4/6/19	Sat 29/6/19	0 days	1 days	132		
37	Address Comments	15 days 11	5 days	0 days	100%	Thu 1/8/19	Thu 15/8/19	Thu 1/8/19	Thu 15/8/19	Thu 1/8/19	Thu 15/8/19	0 days	1 days	136		
138	Design Memorandum Include E&M Provision (Final)	59 days 59	9 days	0 days	100%	Tue 23/7/19	Sun 17/11/19	Tue 23/7/19	Sun 17/11/19	Tue 23/7/19	Sun 17/11/19	0 days	1 days	137		
139	Traffic Impact Assessment(Draft)	62 days 62	2 days	0 days	100%	Wed 18/9/19	Mon 18/11/19	Wed 18/9/19	Mon 18/11/	Wed 18/9/19	Mon 18/11/19	0 days	1 day	4		
140	Address Comments	16 days 10	6 days	0 days	100%	Mon 18/11/19	Wed 4/12/19	Mon 18/11/19	Wed 4/12/19	Mon 18/11/19	Wed 4/12/19	0 days	0.5 days	139		
141	Traffic Impact Assessment(Final)	30 days 0	days	30 days	0%	Mon 3/8/20	Tue 1/9/20	NA	NA	Sat 24/4/21	Sun 23/5/21	264 days	0.5 days	140		
142	ACABAS (Draft)	69 days 69	9 days	0 days	100%	Thu 30/5/19	Tue 6/8/19	Thu 30/5/19	Tue 6/8/19	Thu 30/5/19	Tue 6/8/19	0 days	2 days	4		
143	Address Committee's comments	30 days 30	0 days	0 days	100%	Wed 7/8/19	Thu 5/9/19	Wed 7/8/19	Thu 5/9/19	Wed 7/8/19	Thu 5/9/19	0 days	2 days	142		
144	ACABAS Re-submission Preparation & Submission	61 days 6	1 days	0 days	100%	Fri 6/9/19	Tue 5/11/19	Fri 6/9/19	Tue 5/11/19	Fri 6/9/19	Tue 5/11/19	0 days	2 days	143		
145	ACABAS Submission Approved	63 days 6	3 days	0 days	100%	Wed 6/11/19	Tue 7/1/20	Wed 6/11/19	Tue 7/1/20	Wed 6/11/19	Tue 7/1/20	0 days	2 days	144		
146	VCAB and DAP Submission	22 days 22	2 days	0 days	100%	Mon 10/2/20	Mon 2/3/20	Mon 10/2/20	Mon 2/3/20	Mon 10/2/20	Mon 2/3/20	0 days	2 days	4		
147	Comment by PM and Relevant Authorities	21 days 2		0 days	100%	Tue 3/3/20		Tue 3/3/20	Mon 23/3/20		Mon 23/3/20	0 days	2 days	146		
148	Stage 1: VCAB and DAP Submission	50 days 0	-	50 days	0%	Fri 12/6/20		NA		Sat 4/7/20	Sat 22/8/20	22 days	-	147,44FF+21 da		
149	Comment by PM and Relevant Authorities	50 days 0		50 days	0%	Sat 1/8/20		NA		Sun 23/8/20	Sun 11/10/20	22 days		148		
50	Stage 2: VCAB and DAP Submission	30 days 0	-	30 days	0%	Sun 20/9/20	Mon 19/10/20		NA	Fri 13/11/20	Sat 12/12/20	54 days	2 0495	140		
				-	0%			NA		Sun 13/12/20				149		
151	Comment by PM and Relevant Authorities	50 days 0	-	50 days		Tue 20/10/20					Sun 31/1/21	54 days	0.1	150		
152	Draft Utility Report Submission	19 days 19		0 days	100%	Mon 2/9/19			Fri 20/9/19		Fri 20/9/19		2 days			
153	Draft Utility Report Comment & Approval	17 days 1'		0 days	100%	Sat 21/9/19	Mon 7/10/19		Mon 7/10/19		Mon 7/10/19		2 days			
54	Final Utility Report Submission	52 days 52		0 days	100%	Mon 2/12/19	Wed 22/1/20		Wed 22/1/20		Wed 22/1/20		2 days			
55	Final Utility Report Submission Comment & Approval	38 days 0	-	38 days	0%	Thu 30/1/20	Mon 29/6/20			Thu 30/1/20	Tue 1/3/22	610 days		154		
56	Operational and Maintenace Manual (Draft) Submission	14 days 0	days	14 days	0%	Mon 19/12/22	Sun 1/1/23	NA	NA	Sat 25/2/23	Fri 10/3/23	68 days	2 days	1556		
157	Operational and Maintenace Manual (Final) Submission	32 days 0	days	32 days	0%	Wed 1/2/23	Sat 4/3/23	NA	NA	Mon 10/4/23	Thu 11/5/23	68 days	2 days	156FS+30 days		
158	As-built and As-fabrication Drawing Submission	0 days 0	days	0 days	0%	Thu 11/5/23	Thu 11/5/23	NA	NA	Thu 11/5/23	Thu 11/5/23	0 days	2 days	1558		
159	Site Investigation	561 days 10	67.98 days	393.02 days	0%	Sat 1/6/19	Sat 12/12/20	Sat 1/6/19	NA	Sat 1/6/19	Tue 1/3/22	444 days	;		+	
160	Ground Investigation Proposal (Draft)	56 days 50	6 days	0 days	100%	Sat 1/6/19	Fri 26/7/19	Sat 1/6/19	Fri 26/7/19	Sat 1/6/19	Fri 26/7/19	0 days	1 days	4		
161	Submit & endorse by Gov. Depts and PM	6 days 6	days	0 days	100%	Sat 27/7/19	Thu 1/8/19	Sat 27/7/19	Thu 1/8/19	Sat 27/7/19	Thu 1/8/19	0 days	1 days	160		
162	Ground Investigation Proposal (Final)	30 days 0	days	30 days	0%	Tue 1/9/20	Wed 30/9/20	NA	NA	Mon 20/12/21	Tue 18/1/22	475 days	a 1 days	161		
163	Submit and endorse by Gov. Depts and PM	14 days 0	days	14 days	0%	Thu 1/10/20	Wed 14/10/20	NA	NA	Wed 19/1/22	Tue 1/2/22	475 days	1 days	162		
164	Supervise the SI Carry Out on Site	199 days 44	4 days	155 days	22%	Sat 10/8/19	Sat 24/10/20	Sat 10/8/19	NA	Sat 10/8/19	Tue 11/1/22	444 days	4 days	161		
165	Submit SI Report(Draft) for Comment	21 days 0	days	21 days	0%	Sun 25/10/20	Sat 14/11/20	NA	NA	Wed 12/1/22	Tue 1/2/22	444 days	1 days	164		
166	Submit and endorse SI Report(Final) by Project Manager	28 days 0	days	28 days	0%	Sun 15/11/20	Sat 12/12/20	NA	NA	Wed 2/2/22	Tue 1/3/22	444 days	1 days	165,163		
167	Lifts (LT3 & LT4), Staircase and Associated Works (Structure)	431 days 10	65.12 days	265.88 days	0%	Thu 12/9/19	Sun 15/11/20	Thu 12/9/19	NA	Thu 12/9/19	Thu 3/12/20	18 days			_	
168	Prepare AIP Submission with E&M provision (Draft)	75 days 75	5 days	0 days	100%	Thu 12/9/19	Mon 25/11/19	Thu 12/9/19	Mon 25/11/	Thu 12/9/19	Mon 25/11/19	0 days	3 days			
169	Submit & endorse by PM and Statutory Authorities/Gov. Dept	21 days 2		0 days	100%	Tue 26/11/19	Mon 16/12/19	Tue 26/11/19	Mon	Tue 26/11/19	Mon 16/12/19	0 days	0.5 days	168		
170	Submit & endorse by Statutory Authorities/Gov. Dept	22 days 22		0 days	100%	Fri 28/2/20		Fri 28/2/20	16/12/19	Fri 28/2/20	Fri 20/3/20		2 days	168		
71	Prepare AIP and ICE certification (Final)	25 days 0		25 days	0%	Mon 29/6/20	Thu 23/7/20			Fri 10/7/20	Mon 3/8/20	11 days		168,169,170,44F		
.72	Prepare DDA and ICE certification (Draft)	50 days 0	-	50 days	0%	Thu 4/6/20	Thu 23/7/20			Mon 15/6/20	Mon 3/8/20	11 days		168,171FF	Ļ	
	Submit & endorse by PM and Statutory Authorities/Gov. Dept				0%			NA		Tue 4/8/20	Tue 22/9/20			172		
173		50 days 0		50 days		Fri 24/7/20						11 days				
174	Prepare DDA for and ICE certification (Final)	15 days 0	uays	15 days	0%	Sat 12/9/20	Sat 26/9/20	NA	NA	Wed 30/9/20	Wed 14/10/20	18 days	1 days	173,145FF,171F		
itle: Re	ev.11 Prog with Progress	Summary	I		Inactive M			Duration-on	-		Start-only		C		nal Mil	lesto
		Project Summa Inactive Task	ary [		Inactive Si Manual Ta			<ul> <li>Manual Surr</li> <li>Manual Surr</li> </ul>			<ul> <li>Finish-only</li> <li>External Task</li> </ul>	s	3	Dead		
	Milestone V	2incetive 145k				-			, •					Critic		

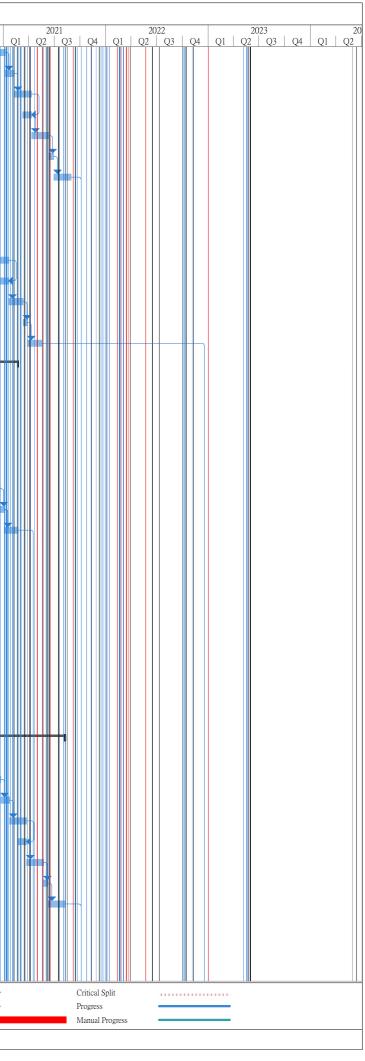


) T	ask Name		Duration	Actual	Romainina	Dhusiool 01	Farly Start		ract No. ED/	-		Late Einich	Tota <sup>1</sup>	ТР л	Predecessors	20	20
1			Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA	Predecessors	Q2	
175	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Sun 27/9/20	Sun 15/11/20	NA	NA	Thu 15/10/20	Thu 3/12/20	18 days	3 days	174		
76	Noise barrier fronting to 4B5 at Rd	D3A & Bus Lay By (Section 5&9)	338 days	215.23 days	122.77 days	0%	Mon 4/11/19	Tue 6/10/20	Mon 4/11/19	NA	Mon 4/11/19	Wed 7/10/20	1 day				#
177	Prepare AIP Submission (Draft)		38 days	38 days	0 days	100%	Mon 4/11/19	Wed 11/12/19	Mon 4/11/19	Wed 11/12/	Mon 4/11/19	Wed 11/12/19	0 days	2 days			
178	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	167 days	162 days	5 days	97%	Thu 12/12/19	Tue 26/5/20	Thu 12/12/19	NA	Thu 12/12/19	Wed 27/5/20	1 day		177	┢	
179	Prepare AIP and ICE certification	on (Final)	56 days	31 days	25 days	55%	Wed 22/4/20	Tue 16/6/20	Wed 22/4/20	NA	Wed 22/4/20	Wed 17/6/20	1 day		178FF+21 days		
180	Prepare DDA Subm (Draft)		18 days	18 days	0 days	100%	Wed 1/4/20	Sat 18/4/20	Wed 1/4/20	Sat 18/4/20	Wed 1/4/20	Sat 18/4/20	0 days	0.5 days			
181	Submit & endorse by PM		55 days	35 days	20 days	64%	Sat 18/4/20	Thu 11/6/20	Sat 18/4/20	NA	Sat 18/4/20	Thu 6/8/20	56 days		180		
182	Submit & endorse by Statutory	Authorities/Gov Dent	50 days	-	50 days	0%	Wed 17/6/20		NA	NA	Thu 18/6/20	Thu 6/8/20	1 day		180,179		
183		ication (Final) (Original Contract Scope)	12 days		12 days	0%	Thu 6/8/20	Mon 17/8/20		NA	Fri 7/8/20	Tue 18/8/20	1 day	1 days	181,182		
	-			-													
184	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	50 days	-	50 days	0%	Tue 18/8/20	Tue 6/10/20		NA	Wed 19/8/20	Wed 7/10/20	1 day	1 days	183		
185	Decking for Underpass (Rd L14)		304 days	0 days	304 days	0%	Mon 20/7/20	Wed 19/5/21	NA	NA	Fri 31/7/20	Sun 30/5/21	11 days				ľ
186	Structure Prepare AIP and ICE	certification (Draft)	25 days	0 days	25 days	0%	Mon 20/7/20	Thu 13/8/20	NA	NA	Fri 31/7/20	Mon 24/8/20	11 days	3 days	44FF+12 days		
187	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Fri 14/8/20	Fri 2/10/20	NA	NA	Tue 25/8/20	Tue 13/10/20	11 days	0.5 days	186		
188	Prepare AIP and ICE certification	on (Final)	15 days	0 days	15 days	0%	Sat 3/10/20	Sat 17/10/20	NA	NA	Wed 14/10/20	Wed 28/10/20	11 days	1 day	186,187		
189	Prepare DDA and ICE certification	ion (Draft)	89 days	0 days	89 days	0%	Sun 18/10/20	Thu 14/1/21	NA	NA	Thu 29/10/20	Mon 25/1/21	11 days	1 day	186,188		
190	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Fri 15/1/21	Fri 5/3/21	NA	NA	Tue 26/1/21	Tue 16/3/21	11 days	0.5 days	189		
191	Prepare DDA and ICE certificat	ion (Final)	25 days	0 days	25 days	0%	Sat 6/3/21	Tue 30/3/21	NA	NA	Wed 17/3/21	Sat 10/4/21	11 days	2 days	190		
192	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Wed 31/3/21	Wed 19/5/21	NA	NA	Sun 11/4/21	Sun 30/5/21	11 days	1 day	191		
193	Road D3 Bridge & Approach Ram	DS	439 days	358.08 days	80.92 days	0%	Thu 30/5/19	Mon 10/8/20	Thu 30/5/19	NA	Thu 30/5/19	Thu 8/10/20	59 days		4		Щ
194	D3 Bridge Substructure			358.08 days		0%	Thu 30/5/19	Mon 10/8/20	Thu 30/5/19		Thu 30/5/19	Thu 8/10/20	59 days				
195	Prepare AIP and ICE certific	ration (Draft)	66 days	-	0 days	100%	Thu 30/5/19	Sat 3/8/19	Thu 30/5/19		Thu 30/5/19	Sat 3/8/19		3 days	4		
	-														105 120		
196	-	d Statutory Authorities/Gov. Dept	15 days	-	0 days	100%	Mon 5/8/19		Mon 5/8/19	Mon 19/8/19		Mon 19/8/19	0 days	1 days	195,138		
197	Prepare AIP and ICE certific		30 days	-	0 days	100%	Mon 23/12/19		Mon 23/12/19			Tue 21/1/20	0 days	0 days	195,196		
198	Prepare DDA and ICE certif	ication (Draft)	106 days	106 days	0 days	100%	Fri 19/7/19	Sun 17/11/19	Fri 19/7/19	Sun 17/11/19	Fri 19/7/19	Sun 17/11/19	0 days	5 days	195		
199	Submit & endorse by PM		17 days	17 days	0 days	100%	Wed 20/11/19	Fri 6/12/19	Wed 20/11/19	Fri 6/12/19	Wed 20/11/19	Fri 6/12/19	0 days	3 days	198		
200	Submit & endorse by Statute	ory Authorities/Gov. Dept	45 days	45 days	0 days	100%	Fri 24/1/20	Wed 18/3/20	Fri 24/1/20	Wed 18/3/20	Fri 24/1/20	Wed 18/3/20	0 days	1 days	198		
201	Prepare DDA for and ICE co (Contractor Bear DDA Appr	rtification (Include P02-BP2 Remedial Pile)	105 days	75 days	30 days	71%	Mon 9/3/20	Sun 21/6/20	Mon 9/3/20	NA	Mon 9/3/20	Wed 19/8/20	59 days	1 days	200		
202		d Statutory Authorities/Gov. Dept (Contractor Bear	50 days	0 days	50 days	0%	Mon 22/6/20	Mon 10/8/20	NA	NA	Thu 20/8/20	Thu 8/10/20	59 days	1 days	201		1
203	D3 Bridge Superstructure		728 days	370.67 days	357.33 days	0%	Thu 30/5/19	Wed 26/5/21	Thu 30/5/19	NA	Thu 30/5/19	Wed 21/7/21	56 days				₩
204	Prepare AIP and ICE certification	on (Draft)	101 days	101 days	0 days	100%	Thu 30/5/19	Sat 7/9/19	Thu 30/5/19	Sat 7/9/19	Thu 30/5/19	Sat 7/9/19	0 days	1 day			
205	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	19 days	19 days	0 days	100%	Mon 9/9/19	Fri 27/9/19	Mon 9/9/19	Fri 27/9/19	Mon 9/9/19	Fri 27/9/19	0 days	1 day	204		
206	Prepare AIP and ICE certification	on (Final)	135 days	135 days	0 days	100%	Wed 20/11/19	Thu 2/4/20	Wed 20/11/19	Thu 2/4/20	Wed 20/11/19	Thu 2/4/20	0 days	3 days	205		
207	Prepare DDA and ICE certificat	ion (Draft)	222 days	222 days	0 days	100%	Fri 19/7/19	Tue 25/2/20	Fri 19/7/19	Tue 25/2/20	Fri 19/7/19	Tue 25/2/20	0 days	3 days	205		
208	Submit & endorse by PM		23 days	-	0 days	100%	Wed 26/2/20	Thu 19/3/20	Wed 26/2/20			Thu 19/3/20	-	2 days	207		
200	Submit & endorse by Statutory	Authoritics/Corr Dont	50 days		50 days	0%	Mon 29/6/20	Mon 17/8/20		NA	Thu 16/7/20	Thu 3/9/20	17 days		207,206FF+12 c		
		-	-	-													
210	Prepare DDA for and ICE certif		21 days		21 days	0%	Tue 18/8/20	Mon 7/9/20		NA	Fri 4/9/20	Thu 24/9/20	17 days		208,206,209		
211	Submit & endorse by PM and S		50 days	-	50 days	0%	Tue 8/9/20	Tue 27/10/20		NA	Fri 25/9/20	Fri 13/11/20	17 days		210		
212	Prepare AIP (E&M works) and	ICE certification (Draft)	32 days	-	32 days	0%	Thu 2/7/20	Sun 2/8/20	NA	NA	Thu 27/8/20	Sun 27/9/20	56 days	2 days			
213	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Mon 3/8/20	Sat 3/10/20	NA	NA	Mon 28/9/20	Sat 28/11/20	56 days	2 days	212		
214	Prepare AIP (E&M works) and	ICE certification (Final)	32 days	0 days	32 days	0%	Sun 4/10/20	Wed 4/11/20	NA	NA	Sun 29/11/20	Wed 30/12/20	56 days	2 days	213		
215	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Thu 5/11/20	Tue 5/1/21	NA	NA	Thu 31/12/20	Tue 2/3/21	56 days	2 days	214		
216	Prepare DDA (E&M works) and	l ICE certification (Draft)	32 days	0 days	32 days	0%	Sat 5/12/20	Tue 5/1/21	NA	NA	Sat 30/1/21	Tue 2/3/21	56 days	2 days	215FF		
217	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Wed 6/1/21	Mon 8/3/21	NA	NA	Wed 3/3/21	Mon 3/5/21	56 days	2 days	216		
218	Prepare DDA (E&M works) and	l ICE certification (Final)	17 days	0 days	17 days	0%	Tue 9/3/21	Thu 25/3/21	NA	NA	Tue 4/5/21	Thu 20/5/21	56 days	2 days	217		
219	Submit & endorse by PM and S		62 days	-	62 days	0%	Fri 26/3/21	Wed 26/5/21		NA	Fri 21/5/21	Wed 21/7/21	56 days		218		
			uujo		,,o		200721						2 5 aug 5				
	v.11 Prog with Progress	Task Split	Summary Project Sumi	mary		Inactive M Inactive S			Duration-on Manual Sun	ly 📃 1mary Rollup 🗖		Start-only Finish-only		C ]		ernal Mil dline	esto
as of 22	2-May-20	Split Milestone	Project Sum Inactive Tasl			Manual Ta			Manual Sun Manual Sun			External Task	IS .	-	Crit		
		1															

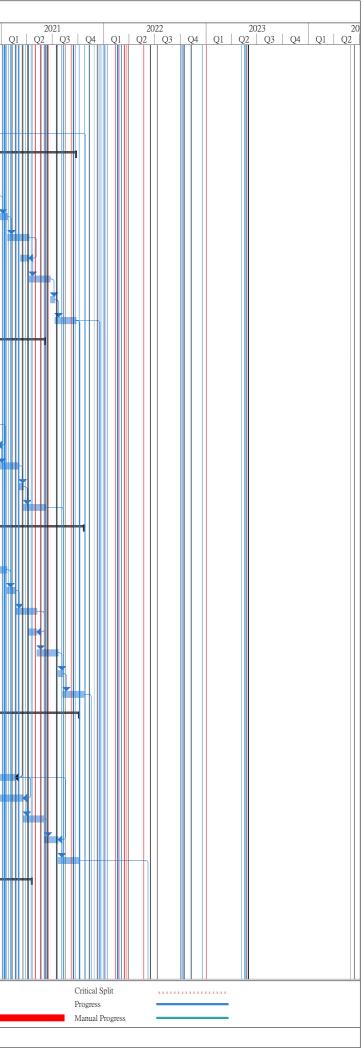
	1 1 NT		-		D · ·	DI	<b>D</b> 1 ~		ract No. ED/			T	m i	mp :	D 1		2025	_
	'ask Name		Duration	Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start			Late Finish	Total Slack	TRA	Predecessors		2020 Q3	
20	D3 North Approach Ramp (Structur			348.95 days		0%	Mon 3/6/19	Sat 4/7/20		NA	Mon 3/6/19	Thu 8/10/20	96 days				<b>•</b>	
221	Prepare AIP and ICE certificatio		51 days		0 days	100%	Mon 3/6/19	Tue 23/7/19		Tue 23/7/19		Tue 23/7/19		3 days	4			
222	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	100 days	100 days	0 days	100%	Thu 25/7/19	Fri 1/11/19	Thu 25/7/19	Fri 1/11/19	Thu 25/7/19	Fri 1/11/19	0 days	1 days	221			
223	Prepare AIP and ICE certificatio	n (Final)	14 days	14 days	0 days	100%	Tue 6/8/19	Thu 19/12/19	Tue 6/8/19	Thu 19/12/19	Tue 6/8/19	Thu 19/12/19	0 days	0 days	221,222			
224	Prepare DDA (Draft) with ICE c	certification	66 days	66 days	0 days	100%	Fri 19/7/19	Thu 20/2/20	Fri 19/7/19	Thu 20/2/20	Fri 19/7/19	Thu 20/2/20	0 days	5 days	221,223FF			
25	Submit & endorse by PM/Statuto	ory Authorities/Gov. Dept	31 days	31 days	0 days	100%	Mon 20/1/20	Mon 23/3/20	Mon 20/1/20	Mon 23/3/20	Mon 20/1/20	Mon 23/3/20	0 days	3 days	224			
26	Prepare DDA for and ICE certifi	ication (Final)	45 days	45 days	0 days	100%	Wed 1/4/20	Fri 15/5/20	Wed 1/4/20	Fri 15/5/20	Wed 1/4/20	Fri 15/5/20	0 days		225			
27	Submit & endorse by PM/Statuto	ory Authorities/Gov. Dept	50 days	6 days	44 days	12%	Sat 16/5/20	Sat 4/7/20	Sat 16/5/20	NA	Sat 16/5/20	Thu 8/10/20	96 days	0.5 days	226	1	┋	₽
28	D3 North Approach Ramp (E&M W	Vorks)	329 days	0 days	329 days	0%	Thu 2/7/20	Wed 26/5/21	NA	NA	Fri 27/11/20	Thu 21/10/21	148 days			-	┢┿┿╋	╉
9	Prepare AIP (E&M works) and I	CE certification (Draft)	32 days	0 days	32 days	0%	Thu 2/7/20	Sun 2/8/20	NA	NA	Fri 27/11/20	Mon 28/12/20	148 days	2 days		-		
30	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Mon 3/8/20	Sat 3/10/20	NA	NA	Tue 29/12/20	Sun 28/2/21	148 days	2 days	229	-		
1	Prepare AIP (E&M works) and I	CE certification (Final)	32 days	0 days	32 days	0%	Sun 4/10/20	Wed 4/11/20	NA	NA	Mon 1/3/21	Thu 1/4/21	148 days	2 days	230	-		
2	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Thu 5/11/20	Tue 5/1/21	NA	NA	Fri 2/4/21	Wed 2/6/21	148 days	2 days	231	-		
3	Prepare DDA (E&M works) and		32 days		32 days	0%	Sat 5/12/20		NA	NA	Sun 2/5/21	Wed 2/6/21	148 days		232FF	-		
1	Submit & endorse by PM and St		62 days		62 days	0%	Wed 6/1/21		NA	NA	Thu 3/6/21	Tue 3/8/21	148 days		233	-		
5	Prepare DDA (E&M works) and		17 days	-	17 days	0%	Tue 9/3/21	Thu 25/3/21		NA	Wed 4/8/21	Fri 20/8/21	148 days		233	-		
5	Submit & endorse by PM and St		62 days		62 days	0%	Fri 26/3/21	Wed 26/5/21		NA	Sat 21/8/21	Thu 21/10/21	148 days		234	_		
,	D3 South Approach Ramp	aaaory munomico/00%. Dept		322.64 days	-	0%	Thu 30/5/19			NA	Thu 30/5/19	Tue 16/2/21	122 days		233			
	Prepare AIP and ICE certificatio	n (Dunft)	96 days	_	0 days	100%	Thu 30/5/19 Thu 30/5/19	Mon 2/9/19		NA Mon 2/9/19		Mon 2/9/19						
3	_				-								0 days		220			
	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	35 days		0 days	100%	Wed 25/9/19		Wed 25/9/19			Tue 29/10/19		1 day	238			
	Prepare AIP Submission (Final)		76 days		0 days	100%	Fri 7/2/20	Mon 4/5/20	Fri 7/2/20	Mon 4/5/20		Mon 4/5/20		1 day	238,239			
	Prepare DDA and ICE certificati		50 days	-	0 days	100%	Wed 1/4/20	Wed 20/5/20	Wed 1/4/20	Wed 20/5/20		Wed 20/5/20		5 days	240FF+15 days			
2	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	60 days	2 days	58 days	3%	Thu 21/5/20	Sun 19/7/20	Thu 21/5/20	NA	Thu 21/5/20	Wed 18/11/20	122 days	1 day	238,241			
3	Prepare DDA for and ICE certifi	ication (Final)	30 days	0 days	30 days	0%	Mon 20/7/20	Tue 18/8/20	NA	NA	Thu 19/11/20	Fri 18/12/20	122 days	1 day	242,240FF+12	1		1
	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Wed 19/8/20	Sat 17/10/20	NA	NA	Sat 19/12/20	Tue 16/2/21	122 days	1 day	243			í
	D3 South Approach Ramp (E&M W	Vorks)	392 days	0 days	392 days	0%	Sat 23/5/20	Fri 18/6/21	NA	NA	Wed 18/11/20	Tue 14/12/21	179 days					1
5	Prepare AIP (E&M works) and I	CE certification (Draft)	31 days	0 days	31 days	0%	Sat 23/5/20	Mon 22/6/20	NA	NA	Wed 18/11/20	Fri 18/12/20	179 days	1 day			4	
	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Tue 23/6/20	Sun 6/9/20	NA	NA	Sat 19/12/20	Thu 4/3/21	179 days	1 day	246			ŀ
	Prepare AIP (E&M works) and I	CE certification (Final)	31 days	0 days	31 days	0%	Mon 7/9/20	Wed 7/10/20	NA	NA	Fri 5/3/21	Sun 4/4/21	179 days	1 day	247	-	-        i	Ì
)	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Thu 8/10/20	Tue 22/12/20	NA	NA	Mon 5/4/21	Sat 19/6/21	179 days	1 day	248	-		
)	Prepare DDA (E&M works) and	ICE certification (Draft)	31 days	0 days	31 days	0%	Sun 22/11/20	Tue 22/12/20	NA	NA	Thu 20/5/21	Sat 19/6/21	179 days	1 day	249FF	-		
	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Wed 23/12/20	Mon 8/3/21	NA	NA	Sun 20/6/21	Fri 3/9/21	179 days	1 day	250			
2	Prepare DDA (E&M works) and	ICE certification (Final)	26 days	0 days	26 days	0%	Tue 9/3/21	Sat 3/4/21	NA	NA	Sat 4/9/21	Wed 29/9/21	179 days	1 day	251	-		
3	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Sun 4/4/21	Fri 18/6/21	NA	NA	Thu 30/9/21	Tue 14/12/21	179 days	1 day	252	-		
	Road D3 Underpass and Depressed	Road	823 days	236.99 days	586.01 days	0%	Thu 30/5/19	Sun 29/8/21	Thu 30/5/19	NA	Thu 30/5/19	Wed 11/1/23	500 days				┥╫╫┠╴	-
5	Underpass (Structure)			320.41 days	-	0%	Thu 30/5/19	Sat 26/9/20	Thu 30/5/19		Thu 30/5/19	Wed 2/12/20	67 days				┥╫╫┡	
5	Prepare AIP and ICE certification	ation (Draft)	96 days		0 days	100%	Thu 30/5/19	Mon 2/9/19	Thu 30/5/19		Thu 30/5/19	Mon 2/9/19		3 days	4	-		
,	-	l Statutory Authorities/Gov. Dept	17 days	-	0 days	100%	Tue 3/9/19	Thu 19/9/19	Tue 3/9/19	Thu 19/9/19		Thu 19/9/19		1 days	256	-		
3	Prepare AIP and ICE certifica	-	84 days		0 days	100%	Tue 14/1/20	Mon 6/4/20	Tue 14/1/20	Mon 6/4/20		Mon 6/4/20		2 days	256,257			
	Prepare DDA (Draft) Prepara			156 days	0 days	100%	Tue 3/9/19	Wed 5/2/20	Tue 3/9/19		Tue 3/9/19	Wed 5/2/20		3 days	256	-		
		uron rse by PM & Statutory Authorities/Gov. Dept	150 days	-	135 days	20%	Thu 6/2/20	Thu 23/7/20	Thu 6/2/20	NA	Thu 6/2/20	Mon 28/9/20						
)				-	-									0.5 days		a		
	Prepare DDA for and ICE cer		15 days		15 days	0%	Fri 24/7/20	Fri 7/8/20	NA	NA	Tue 29/9/20	Tue 13/10/20	67 days		260,258FF+21			
	-	d Statutory Authorities/Gov. Dept	50 days	-	50 days	0%	Sat 8/8/20		NA	NA	Wed 14/10/20	Wed 2/12/20	67 days	I day	261			1
3	Underpass (E&M Works)		392 days	-	392 days	0%	Mon 3/8/20	Sun 29/8/21		NA	Tue 10/11/20	Wed 11/1/23	99 days					1
	Prepare AIP (E&M works) and	nd ICE certification (Draft)	32 days	0 days	32 days	0%	Mon 5/10/20	Thu 5/11/20	NA	NA	Tue 10/11/20	Fri 11/12/20	36 days	2 days				
e: Rev	v.11 Prog with Progress	Task	Summary				Milestone 🔷		Duration-on			Start-only		C		ternal Mi	ilestone	_
	2-May-20	Split Milestone	Project Sum Inactive Tas			Inactive S	Summary		<ul> <li>Manual Sun</li> <li>Manual Sun</li> </ul>	nmary Rollup 🖕		Finish-only External Task		3	Dea Cri	adline		
		IVITICSTOTIC V	macuve ras	Λ.		ivianual	1.45%		Ivianual Sun	uutidi y		<ul> <li>External Lask</li> </ul>	2		Cri	acal		



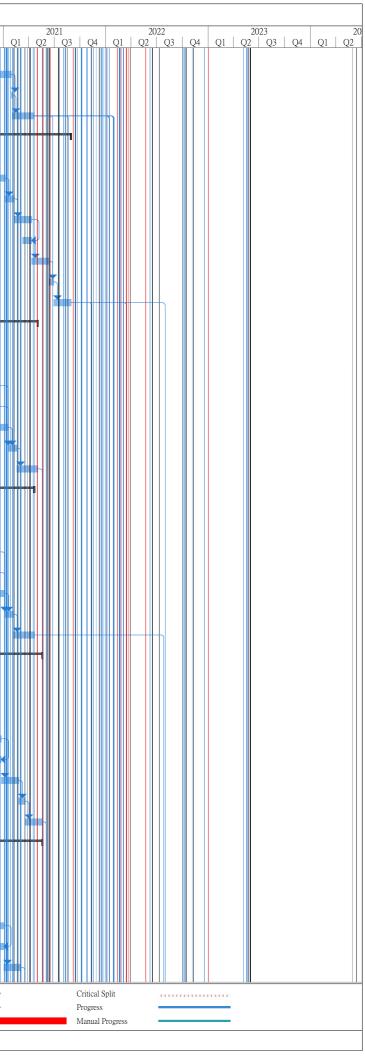
	ask Name	Duration	Actual	Remaining	Physical %	Early Start	Early Finish	Actual Start			Late Finish	Total TRA	Predecessors	202	20	
		]	Duration	Duration	Complete							Slack			20 Q3	Q
265	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Fri 6/11/20	Wed 6/1/21	NA	NA	Sat 12/12/20	Thu 11/2/21	36 days 2 days	264			
266	Prepare AIP (E&M works) and ICE certification (Final)	32 days	0 days	32 days	0%	Thu 7/1/21	Sun 7/2/21	NA	NA	Fri 12/2/21	Mon 15/3/21	36 days 2 days	265			
267	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Mon 8/2/21	Sat 10/4/21	NA	NA	Tue 16/3/21	Sun 16/5/21	36 days 2 days	266			
268	Prepare DDA (E&M works) and ICE certification (Draft)	32 days	0 days	32 days	0%	Wed 10/3/21	Sat 10/4/21	NA	NA	Thu 15/4/21	Sun 16/5/21	36 days 2 days	267FF			
269	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Sun 11/4/21	Fri 11/6/21	NA	NA	Mon 17/5/21	Sat 17/7/21	36 days 2 days	268			
270	Prepare DDA (E&M works) and ICE certification (Final)	17 days	0 days	17 days	0%	Sat 12/6/21	Mon 28/6/21	NA	NA	Sun 18/7/21	Tue 3/8/21	36 days 2 days	269			
271	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Tue 29/6/21	Sun 29/8/21	NA	NA	Wed 4/8/21	Mon 4/10/21	36 days 2 days	270			
272	Prepare AIP (E&M works) and Architectural Finishes of of Underpass (Road	31 days	0 days	31 days	0%	Mon 3/8/20	Wed 2/9/20	NA	NA	Thu 31/3/22	Sat 30/4/22	605 days 1 day				
273	L14) and ICE certification (Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	51 days	0 days	51 days	0%	Thu 3/9/20	Fri 23/10/20	NA	NA	Sun 1/5/22	Mon 20/6/22	605 days 1 day	272			
274	Prepare AIP (E&M works )and Architectural Finishes of of Underpass (Road	14 days	0 days	14 days	0%	Sat 24/10/20	Fri 6/11/20	NA	NA	Tue 21/6/22	Mon 4/7/22	605 days 2 days	273			
275	L14) and ICE certification (Final) Submit & endorse by PM and Statutory Authorities/Gov. Dept	74 days	0 davs	74 days	0%	Sat 7/11/20	Tue 19/1/21	NA	NA	Tue 5/7/22	Fri 16/9/22	605 days 1 day	274			
276	Prepare DDA (E&M works) and Architectural Finishes of of Underpass (Road	31 days (	-	31 days	0%	Sun 20/12/20		NA	NA	Wed 17/8/22	Fri 16/9/22	605 days 1 day	275FF			
277	L14) and ICE certification (Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	51 days (	-	51 days	0%	Wed 20/1/21	Thu 11/3/21		NA	Sat 17/9/22	Sun 6/11/22	605 days 1 day	27511	-		
278	Prepare DDA (E&M works) and Architectural Finishes of of Underpass (Road L14) and ICE certification (Final)	15 days (	-	15 days	0%	Fri 12/3/21		NA	NA	Mon 7/11/22	Mon 21/11/22		277			
279	Submit & endorse by PM and Statutory Authorities/Gov. Dept	51 days (	-	51 days	0%	Sat 27/3/21		NA	NA	Tue 22/11/22	Wed 11/1/23	605 days 1 day	278			
280	E&M Work for Pump House of Underpass D3	364 days	83.71 days	280.29 days	0%	Mon 24/2/20	Sun 21/2/21	Mon 24/2/20	NA	Mon 24/2/20	Wed 18/8/21	178 days				
281	Prepare AIP (E&M works) Submission (Draft)	11 days	11 days	0 days	0%	Mon 24/2/20	Thu 5/3/20	Mon 24/2/20	Thu 5/3/20	Mon 24/2/20	Thu 5/3/20	0 days 2 days				
282	Submit & endorse by PM and Statutory Authorities/Gov. Dept	160 days	78 days	82 days	49%	Fri 6/3/20	Wed 12/8/20	Fri 6/3/20	NA	Fri 6/3/20	Sat 15/8/20	3 days 2 days	281			
283	Prepare AIP (E&M works) and ICE certification (Final)	21 days	0 days	21 days	0%	Thu 13/8/20	Wed 2/9/20	NA	NA	Sun 16/8/20	Sat 5/9/20	3 days 2 days	282,44FF+12 da			
284	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Thu 3/9/20	Thu 22/10/20	NA	NA	Sun 6/9/20	Sun 25/10/20	3 days 2 days	283			
285	Prepare DDA (E&M works) and ICE certification (Draft)	30 days	0 days	30 days	0%	Wed 30/9/20	Thu 29/10/20	NA	NA	Sat 3/10/20	Sun 1/11/20	3 days 2 days	284FF+7 days			
286	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Fri 30/10/20	Fri 18/12/20	NA	NA	Mon 2/11/20	Mon 21/12/20	3 days 2 days	285			
287	Prepare DDA (E&M works) and ICE certification (Final)	15 days	0 days	15 days	0%	Sat 19/12/20	Sat 2/1/21	NA	NA	Tue 22/12/20	Tue 5/1/21	3 days 2 days	286			
288	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Sun 3/1/21	Sun 21/2/21	NA	NA	Wed 30/6/21	Wed 18/8/21	178 days 2 days	287			
289	Depressed Road (North) Structure	463 days	335.18 days	127.82 days	0%	Thu 16/5/19	Thu 20/8/20	Thu 16/5/19	NA	Thu 16/5/19	Thu 11/5/23	994 days				
290	Prepare AIP and ICE certification (Draft)	65 days	65 days	0 days	100%	Thu 16/5/19	Fri 2/8/19	Thu 16/5/19	Fri 2/8/19	Thu 16/5/19	Fri 2/8/19	0 days 1 days	4			
291	Submit & endorse by PM and Statutory Authorities/Gov. Dept	33 days	33 days	0 days	100%	Sat 3/8/19	Wed 4/9/19	Sat 3/8/19	Wed 4/9/19	Sat 3/8/19	Wed 4/9/19	0 days 2 days	290			
292	Prepare AIP and ICE certification (Final)	44 days	44 davs	0 days	100%	Mon 9/12/19	Tue 21/1/20	Mon 9/12/19	Tue 21/1/20	Mon 9/12/19	Tue 21/1/20	0 days 0 days	291			
293	Prepare DDA and ICE certification (Draft)	57 days	-	0 days	100%	Tue 24/9/19		Tue 24/9/19			Tue 19/11/19	0 days 5 days	290			
294	Submit & endorse by PM	17 days	-	0 days	100%	Tue 19/11/19	Thu 5/12/19	Tue 19/11/19			Thu 5/12/19	0 days 1 day	293	-		
295	Submit & endorse by Statutory Authorities/Gov. Dept	20 days		0 days	100%	Wed 19/2/20	Mon 9/3/20	Wed 19/2/20			Mon 9/3/20		293			
296	Prepare DDA for and ICE certification (Final)	30 days (		30 days	0%	Sat 23/5/20	Sun 21/6/20		NA	Sat 11/2/23	Sun 12/3/23	994 days 3 days	294,292FF,295			
297	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days (		60 days	0%	Mon 22/6/20	Thu 20/8/20		NA	Mon 13/3/23	Thu 11/5/23	994 days 5 days	296			
298	Depressed Road (North) E&M Works	322 days	-	322 days	0%	Mon 21/9/20		NA	NA	Tue 17/11/20	Mon 4/10/21	57 days				
299	Prepare AIP (E&M works) and ICE certification (Draft)	31 days	0 days	31 days	0%	Mon 21/9/20	Wed 21/10/20	NA	NA	Tue 17/11/20	Thu 17/12/20	57 days 1 day				
300	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days (	0 days	61 days	0%	Thu 22/10/20	Mon 21/12/20	NA	NA	Fri 18/12/20	Tue 16/2/21	57 days 1 day	299			
301	Prepare AIP (E&M works) and ICE certification (Final)	31 days (	0 days	31 days	0%	Tue 22/12/20	Thu 21/1/21	NA	NA	Wed 17/2/21	Fri 19/3/21	57 days 1 day	300			
302	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days (	0 days	61 days	0%	Fri 22/1/21	Tue 23/3/21	NA	NA	Sat 20/3/21	Wed 19/5/21	57 days 1 day	301			
303	Prepare DDA (E&M works) and ICE certification (Draft)	31 days	0 days	31 days	0%	Sun 21/2/21	Tue 23/3/21	NA	NA	Mon 19/4/21	Wed 19/5/21	57 days 1 day	302FF			
304	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Wed 24/3/21	Sun 23/5/21	NA	NA	Thu 20/5/21	Mon 19/7/21	57 days 1 day	303			
305	Prepare DDA (E&M works) and ICE certification (Final)	16 days	0 days	16 days	0%	Mon 24/5/21	Tue 8/6/21	NA	NA	Tue 20/7/21	Wed 4/8/21	57 days 1 day	304			
306	Submit & endorse by PM and Statutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Wed 9/6/21	Sun 8/8/21	NA	NA	Thu 5/8/21	Mon 4/10/21	57 days 1 day	305			
307	Depressed Road (South) and Substructure of Elevated Landscape Deck	463 days 2	333.16 days	129.84 days	0%	Mon 10/6/19	Mon 14/9/20	Mon 10/6/19	NA	Mon 10/6/19	Thu 15/10/20	31 days				
308	Prepare AIP and ICE certification (Draft)	54 days		0 days	100%	Mon 10/6/19	Fri 2/8/19	Mon 10/6/19		Mon 10/6/19	Fri 2/8/19	0 days 1 days				
309	Submit & endorse by PM and Statutory Authorities/Gov. Dept	81 days		0 days	100%	Sat 3/8/19	Tue 22/10/19		Tue 22/10/19		Tue 22/10/19	0 days 2 days	308			
		01 01/3 (	-1	5 aug 0			1 40 22 10/17	5	100 220 10/13	540 510117						
	v.11 Prog with Progress Task Split	Summary Project Summ	narv		Inactive M			Duration-on Manual Sun	ly 📃 nmary Rollup 🗖		Start-only Finish-only	C 3		ernal Mile dline	estone	
as of 22	P-May-20 Split Milestone	Project Summ Inactive Task			Manual T			Manual Sun Manual Sun			External Task		Crit			
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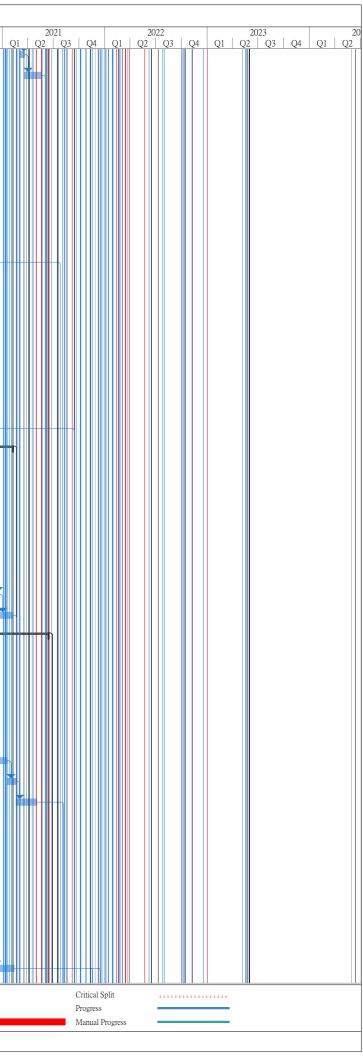
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Ta	ask Name		Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA	Predecessors	202 Q2		3
310	Prepare AIP and ICE (certification	on (Final)	270 days	222 days	48 days	82%	Tue 15/10/19	Fri 10/7/20	Tue 15/10/19	NA	Tue 15/10/19	Mon 10/8/20	31 days	0 days	309,44FF+12 da		ŧ	Π
311	Prepare DDA certification (Draf	t)	27 days	27 days	0 days	100%	Mon 10/2/20	Sat 7/3/20	Mon 10/2/20	Sat 7/3/20	Mon 10/2/20	Sat 7/3/20	0 days	5 days	308	h		
312	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	75 days	24 days	51 days	32%	Wed 29/4/20	Thu 16/7/20	Wed 29/4/20	NA	Wed 29/4/20	Sun 16/8/20	31 days	1 days	311,310FF+6 days			
313	Prepare DDA for and ICE certifi	cation (Final)	10 days	0 days	10 days	0%	Fri 17/7/20	Sun 26/7/20	NA	NA	Mon 17/8/20	Wed 26/8/20	31 days	0.5 days			K	
314	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Mon 27/7/20	Mon 14/9/20	NA	NA	Thu 27/8/20	Thu 15/10/20	31 days	0.5 days	313			H
315	South Depressed Road (E&M Work	s)	382 days	0 days	382 days	0%	Mon 7/9/20	Thu 23/9/21	NA	NA	Fri 18/9/20	Mon 4/10/21	11 days			-		r
316	Prepare AIP (E&M works) and I	CE certification (Draft)	31 days	0 days	31 days	0%	Mon 7/9/20	Wed 7/10/20	NA	NA	Fri 18/9/20	Sun 18/10/20	11 days	1 day		-		
317	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Thu 8/10/20	Tue 22/12/20	NA	NA	Mon 19/10/20	Sat 2/1/21	11 days	1 day	316	-		
318	Prepare AIP (E&M works) and I	CE certification (Final)	31 days	0 days	31 days	0%	Wed 23/12/20	Fri 22/1/21	NA	NA	Sun 3/1/21	Tue 2/2/21	11 days	1 day	317	-		
19	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Sat 23/1/21	Thu 8/4/21	NA	NA	Wed 3/2/21	Mon 19/4/21	11 days	1 day	318	-		
320	Prepare DDA (E&M works) and	ICE certification (Draft)	31 days	0 days	31 days	0%	Tue 9/3/21	Thu 8/4/21	NA	NA	Sat 20/3/21	Mon 19/4/21	11 days	1 day	319FF	-		
321	Submit & endorse by PM and St		76 days		76 days	0%	Fri 9/4/21	Wed 23/6/21	NA	NA	Tue 20/4/21	Sun 4/7/21	11 days		320	-		
322	Prepare DDA (E&M works) and	-	16 days	-	16 days	0%	Thu 24/6/21	Fri 9/7/21	NA	NA	Mon 5/7/21	Tue 20/7/21	11 days		321	-		
323	Submit & endorse by PM and St		76 days		76 days	0%	Sat 10/7/21	Thu 23/9/21		NA	Wed 21/7/21	Mon 4/10/21	11 days	-	322			
24	Road Works (Civil Works)	autory Automics/Gov. Dept		196.01 days		0%	Tue 13/8/19	Fri 4/6/21		NA	Tue 13/8/19	Tue 14/12/21	193 days		522	-		
															20266 - 75 - 1	_		
325	Prepare AIP for At-grade Road I	33 and ICE certification (Draft)	57 days		0 days	100%	Tue 13/8/19	Tue 8/10/19		Tue 8/10/19		Tue 8/10/19		1 day	293SS+75 days			
26	Submit & endorse by PM		21 days		0 days	100%	Wed 9/10/19		Wed 9/10/19			Tue 29/10/19			325			
27	Submit & endorse by Statutory A	-	24 days		0 days	100%	Wed 30/10/19		Wed 30/10/19			Fri 22/11/19		1 day	325			
28	Prepare AIP for At-grade Road I	D3 and ICE certification (Final)	57 days	57 days	0 days	100%	Thu 5/3/20	Mon 4/5/20	Thu 5/3/20	Mon 4/5/20	Thu 5/3/20	Mon 4/5/20	0 days	0 days	326FS+12 days,327,44FF+			H
29	Prepare DDA for At-grade Road	D3 and ICE certification (Draft)	210 days	0 days	210 days	0%	Sat 23/5/20	Fri 18/12/20	NA	NA	Wed 2/12/20	Tue 29/6/21	193 days	5 days	325FS+100 days,328FF+6			H
0	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Sat 19/12/20	Wed 3/3/21	NA	NA	Wed 30/6/21	Sun 12/9/21	193 days	0.5 days	329			
1	Prepare DDA for At-grade Road	D3 and ICE certification (Final)	16 days	0 days	16 days	0%	Thu 4/3/21	Fri 19/3/21	NA	NA	Mon 13/9/21	Tue 28/9/21	193 days	1 day	330			
32	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	77 days	0 days	77 days	0%	Sat 20/3/21	Fri 4/6/21	NA	NA	Wed 29/9/21	Tue 14/12/21	193 days	2 days	331			
33	Remaining Road Works (E&M Wor	ks)	382 days	0 days	382 days	0%	Mon 5/10/20	Thu 21/10/21	NA	NA	Sat 13/2/21	Tue 1/3/22	131 days			-		
1	Prepare AIP (E&M works) and I	CE certification (Draft)	31 days	0 days	31 days	0%	Mon 5/10/20	Wed 4/11/20	NA	NA	Sat 13/2/21	Mon 15/3/21	131 days	1 day				
5	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Thu 5/11/20	Tue 19/1/21	NA	NA	Tue 16/3/21	Sun 30/5/21	131 days	1 day	334	-		
6	Prepare AIP (E&M works) and I	CE certification (Final)	31 days	0 days	31 days	0%	Wed 20/1/21	Fri 19/2/21	NA	NA	Mon 31/5/21	Wed 30/6/21	131 days	1 day	335	-		
7	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Sat 20/2/21	Thu 6/5/21	NA	NA	Thu 1/7/21	Tue 14/9/21	131 days	1 day	336	-		
8	Prepare DDA (E&M works) and	ICE certification (Draft)	31 days	0 days	31 days	0%	Tue 6/4/21	Thu 6/5/21	NA	NA	Sun 15/8/21	Tue 14/9/21	131 days	1 day	337FF	-		
9	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Fri 7/5/21	Wed 21/7/21	NA	NA	Wed 15/9/21	Mon 29/11/21	131 days	1 day	338	~		
0	Prepare DDA (E&M works) and	ICE certification (Final)	16 days	0 days	16 days	0%	Thu 22/7/21	Fri 6/8/21	NA	NA	Tue 30/11/21	Wed 15/12/21	131 days	1 day	339	-		
1	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	76 days	0 days	76 days	0%	Sat 7/8/21	Thu 21/10/21	NA	NA	Thu 16/12/21	Tue 1/3/22	131 days	1 day	340	-		
2	Road L12d Works (Roadworks)			261.27 days		0%	Tue 6/8/19	Mon 4/10/21		NA	Tue 6/8/19	Tue 28/2/23	512 days				Щ	
3	Prepare AIP for Road L12d Sub	nission (Draft)	64 days		0 days	100%	Tue 6/8/19		Tue 6/8/19	Tue 8/10/19		Tue 8/10/19	0 days		325	~		
4	Submit & endorse by PM and St			227 days	150 days	60%	Wed 9/10/19		Wed 9/10/19		Wed 9/10/19	Tue 15/3/22	512 days		525	_		
	-														242 44EE 10	_		
5	(Final)	lude E&M Provision Works) and ICE certification			120 days	0%	Tue 20/10/20	Tue 16/2/21		NA	Wed 16/3/22	Wed 13/7/22	512 days		343,44FF+12 days,344	_		
.6	(Draft)	nclude E&M Provision Works) and ICE certificat			120 days	0%	Thu 19/11/20		NA	NA	Fri 15/4/22	Fri 12/8/22	512 days		343FS+260 days,345FF+30	_		
.7	Submit & endorse by PM and St		75 days		75 days	0%	Fri 19/3/21	Tue 1/6/21	NA	NA	Sat 13/8/22	Wed 26/10/22		0.5 days	346			
8	Prepare DDA for Road L12d (In (Final)	clude E&M Provision Works) and ICE certification	ion 50 days	0 days	50 days	0%	Wed 2/6/21	Wed 21/7/21		NA	Thu 27/10/22	Thu 15/12/22	512 days	0 days	347,345FF			
)	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Thu 22/7/21	Mon 4/10/21	NA	NA	Fri 16/12/22	Tue 28/2/23	512 days	0 days	348			
)	Road Lighting of Road D3 (E&M)		469 days	129.19 days	339.81 days	0%	Mon 6/1/20	Sun 18/4/21	Mon 6/1/20	NA	Mon 6/1/20	Sun 1/8/21	105 days					r
1	Prepare AIP (E&M works) Subr	nission (Draft)	30 days	30 days	0 days	100%	Mon 6/1/20	Tue 4/2/20	Mon 6/1/20	Tue 4/2/20	Mon 6/1/20	Tue 4/2/20	0 days	2 days				
2	Submit & endorse by Statutory A	Authorities/Gov. Dept and PM	190 days	108 days	82 days	57%	Wed 5/2/20	Wed 12/8/20	Wed 5/2/20	NA	Wed 5/2/20	Wed 25/11/20	105 days		351			l
3	Prepare AIP (E&M works) and I	CE certification (Final)	32 days	0 days	32 days	0%	Thu 13/8/20	Sun 13/9/20	NA	NA	Thu 26/11/20	Sun 27/12/20	105 days	2 days	352			ł
+	Submit & endorse by PM and St	atutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Mon 14/9/20	Thu 12/11/20	NA	NA	Mon 28/12/20	Thu 25/2/21	105 days	2 days	353			
		Task	Summary			Inactive N	filestone 🔿		Duration-on	lv		Start-only		<u>с</u>	Fet	emal Mile	estone	L
	v.11 Prog with Progress -May-20	Split		imary		Inactive N				imary Rollup 💼		Finish-only		3		adline	-360110	ž
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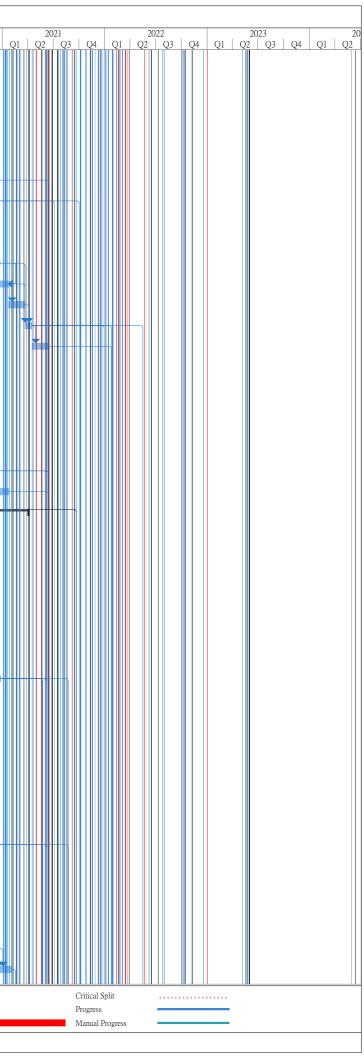
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D Ta	ask Name		Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA	Predecessors	202 Q2		04
355	Prepare DDA (E&M works) a	nd ICE certification (Draft)	32 days	0 days	32 days	0%	Mon 12/10/20	Thu 12/11/20	NA	NA	Mon 25/1/21	Thu 25/2/21	105 days	2 days	354FF			Ř
356	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	77 days	0 days	77 days	0%	Fri 13/11/20	Thu 28/1/21	NA	NA	Fri 26/2/21	Thu 13/5/21	105 days	2 days	355			
357	Prepare DDA (E&M works) a	nd ICE certification (Final)	3 days	0 days	3 days	0%	Fri 29/1/21	Sun 31/1/21	NA	NA	Fri 14/5/21	Sun 16/5/21	105 days	2 days	356			
358	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	77 days	0 days	77 days	0%	Mon 1/2/21	Sun 18/4/21	NA	NA	Mon 17/5/21	Sun 1/8/21	105 days	2 days	357			
359	Road L12d Works (E&M Works)	)	329 days	0 days	329 days	0%	Mon 5/10/20	Sun 29/8/21	NA	NA	Mon 1/2/21	Sun 26/12/21	119 days				r	-
360	Prepare AIP (E&M works) and	d ICE certification (Draft)	32 days	0 days	32 days	0%	Mon 5/10/20	Thu 5/11/20	NA	NA	Mon 1/2/21	Thu 4/3/21	119 days	2 days				
361	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Fri 6/11/20	Wed 6/1/21	NA	NA	Fri 5/3/21	Wed 5/5/21	119 days	2 days	360			×
362	Prepare AIP (E&M works) and	d ICE certification (Final)	32 days	0 days	32 days	0%	Thu 7/1/21	Sun 7/2/21	NA	NA	Thu 6/5/21	Sun 6/6/21	119 days	2 days	361			
363	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Mon 8/2/21	Sat 10/4/21	NA	NA	Mon 7/6/21	Sat 7/8/21	119 days	2 days	362			
364	Prepare DDA (E&M works) a	nd ICE certification (Draft)	32 days	0 days	32 days	0%	Wed 10/3/21	Sat 10/4/21	NA	NA	Wed 7/7/21	Sat 7/8/21	119 days	2 days	363FF			
365	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Sun 11/4/21	Fri 11/6/21	NA	NA	Sun 8/8/21	Fri 8/10/21	119 days	2 days	364			
366	Prepare DDA (E&M works) a	nd ICE certification (Final)	17 days	0 days	17 days	0%	Sat 12/6/21	Mon 28/6/21	NA	NA	Sat 9/10/21	Mon 25/10/21	119 days	2 days	365			
367	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Tue 29/6/21	Sun 29/8/21	NA	NA	Tue 26/10/21	Sun 26/12/21	119 days	2 days	366			
368	Roadworks other than at-grade Ro	oad D3 and Road L12d (Civil Works)	609 days	238.54 days	370.46 days	0%	Mon 2/9/19	Sun 2/5/21	Mon 2/9/19	NA	Mon 2/9/19	Sun 23/5/21	21 days			┝━╋╋┥		₩₩
369		rks other than at-grade Road D3 and Road L12d	36 days	36 days	0 days	100%	Mon 2/9/19	Mon 7/10/19	Mon 2/9/19	Mon 7/10/19	Mon 2/9/19	Mon 7/10/19	0 days	0.5 days				
370	(Draft) Submit & endorse by PM and	Statutory Authorities/Gov. Dept	288 days	228 days	60 days	79%	Tue 8/10/19	Tue 21/7/20	Tue 8/10/19	NA	Tue 8/10/19	Tue 11/8/20	21 days	0.5 days	369			
371		rks other than at-grade Road D3 and Road L12d	75 days	0 days	75 days	0%	Wed 22/7/20	Sun 4/10/20	NA	NA	Wed 12/8/20	Sun 25/10/20	21 days	0.5 days	370,44FF+12			Щ
372		orks other than at-grade Road D3 and Road L12d	95 days	0 days	95 days	0%	Sat 1/8/20	Tue 3/11/20	NA	NA	Sat 22/8/20	Tue 24/11/20	21 days	1 day	days 371FF+30 days			
373	(Draft) Submit & endorse by PM and	Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Wed 4/11/20	Sun 17/1/21	NA	NA	Wed 25/11/20	Sun 7/2/21	21 days	0.5 days	372			
374		orks other than at-grade Road D3 and Road L12d	30 days	0 days	30 days	0%	Mon 18/1/21	Tue 16/2/21	NA	NA	Mon 8/2/21	Tue 9/3/21	21 days	0.5 days	371,372,373			
375	(Final) Submit & endorse by PM and	Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Wed 17/2/21	Sun 2/5/21	NA	NA	Wed 10/3/21	Sun 23/5/21	21 days	0.5 days	374			
376	Roadworks - EVA to Sewerage a	nd Saltwater Pumping Station (Civil Works)	413 days	68.26 days	344.74 days	0%	Wed 4/3/20	Tue 20/4/21	Wed 4/3/20	NA	Wed 4/3/20	Fri 17/2/23	668 days			$\square$		
377		Sewerage and Saltwater Pumping Station (Draft)	46 days	-	0 days	100%	Wed 4/3/20	Sat 18/4/20	Wed 4/3/20	Sat 18/4/20	Wed 4/3/20	Sat 18/4/20	0 days					
378	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	82 days	33 days	49 days	40%	Sat 18/4/20	Wed 8/7/20	Sat 18/4/20	NA	Sat 18/4/20	Mon 23/5/22	684 days		377			
379	-	Sewerage and Saltwater Pumping Station (Final)	75 days		75 days	0%	Thu 9/7/20	Mon 21/9/20		NA	Tue 24/5/22	Sat 6/8/22	684 days		378		+	
380		D Sewerage and Saltwater Pumping Station (Draft)	95 days	-	95 days	0%	Mon 20/7/20	Thu 22/10/20		NA	Thu 19/5/22	Sun 21/8/22	668 days		379FF+15 days			
381		Statutory Authorities/Gov. Dept	75 days	-	75 days	0%		Tue 5/1/21				Fri 4/11/22	668 days					4
382		Sewerage and Saltwater Pumping Station (Final)	30 days		30 days	0%	Wed 6/1/21		NA	NA	Sat 5/11/22	Sun 4/12/22		-	379,380,381			
383		Statutory Authorities/Gov. Dept	75 days		75 days	0%	Fri 5/2/21	Tue 20/4/21		NA	Mon 5/12/22	Fri 17/2/23	668 days					
384	Road Lighting of Road other than		356 days		356 days	0%	Fri 29/5/20	Wed 19/5/21		NA	Tue 2/6/20	Sun 23/5/21	4 days					
385	Prepare AIP (E&M works) and		38 days		38 days	0%	Fri 29/5/20		NA	NA	Tue 2/6/20	Thu 9/7/20		2 days				
386	,	Statutory Authorities/Gov. Dept	77 days	-	77 days	0%	Mon 6/7/20	Sun 20/9/20		NA	Fri 10/7/20	Thu 24/9/20		2 days	385		+	
387	Prepare AIP (E&M works) and	v .	32 days		32 days	0%	Mon 21/9/20	Thu 22/10/20		NA	Fri 25/9/20	Mon 26/10/20		2 days	386			
388		Statutory Authorities/Gov. Dept	62 days		62 days	0%	Fri 23/10/20	Wed 23/12/20		NA	Tue 27/10/20	Sun 27/12/20		2 days	387			
389	Prepare DDA (E&M works) a		32 days		32 days	0%	Sun 22/11/20	Wed 23/12/20		NA	Thu 26/11/20	Sun 27/12/20		2 days	388FF			
390		Statutory Authorities/Gov. Dept	62 days		62 days	0%	Thu 24/12/20	Tue 23/2/21		NA	Mon 28/12/20	Sat 27/2/21		2 days	389			
391	Prepare DDA (E&M works) a		23 days		23 days	0%	Wed 24/2/21	Thu 18/3/21		NA	Sun 28/2/21	Mon 22/3/21		2 days 2 days	390			
392		Statutory Authorities/Gov. Dept	62 days		62 days	0%	Fri 19/3/21	Wed 19/5/21		NA	Tue 23/3/21	Sun 23/5/21		2 days	390			
393	-	oad D3 and Road L12d (E&M Works)	322 days		322 days	0%	Thu 2/7/20	Wed 19/5/21 Wed 19/5/21		NA	Mon 6/7/20	Sun 23/5/21	4 days	2 uays	571			
393	_					0%			NA			Wed 5/8/20		1 dev				
394	Prepare AIP (E&M works) and		31 days	-	31 days		Thu 2/7/20			NA	Mon 6/7/20	Mon 5/10/20		1 day	30/			
	-	Statutory Authorities/Gov. Dept	61 days		61 days	0%	Sun 2/8/20	Thu 1/10/20		NA	Thu 6/8/20			1 day	394			
396	Prepare AIP (E&M works) and		31 days		31 days	0%	Fri 2/10/20	Sun 1/11/20		NA	Tue 6/10/20	Thu 5/11/20		1 day	395			
397	-	Statutory Authorities/Gov. Dept	61 days		61 days	0%	Mon 2/11/20		NA	NA	Fri 6/11/20	Tue 5/1/21		1 day	396 207EE			
398	Prepare DDA (E&M works) a		31 days		31 days	0%	Wed 2/12/20		NA	NA	Sun 6/12/20	Tue 5/1/21		1 day	397FF			
399	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Sat 2/1/21	Wed 3/3/21	NA	NA	Wed 6/1/21	Sun 7/3/21	4 days	1 day	398			
Title: Rev	v.11 Prog with Progress	Task	Summary			Inactive M			Duration-or			Start-only		C		emal Mile	estone	<
	-May-20	Split Milestone	Project Sum Inactive Tas		U	Inactive S Manual T			<ul> <li>Manual Sur</li> <li>Manual Sur</li> </ul>	nmary Rollup 💼 nmary 🛛 🕇		<ul> <li>Finish-only</li> <li>External Task</li> </ul>	S	ב	Dea Criti	dline ical		



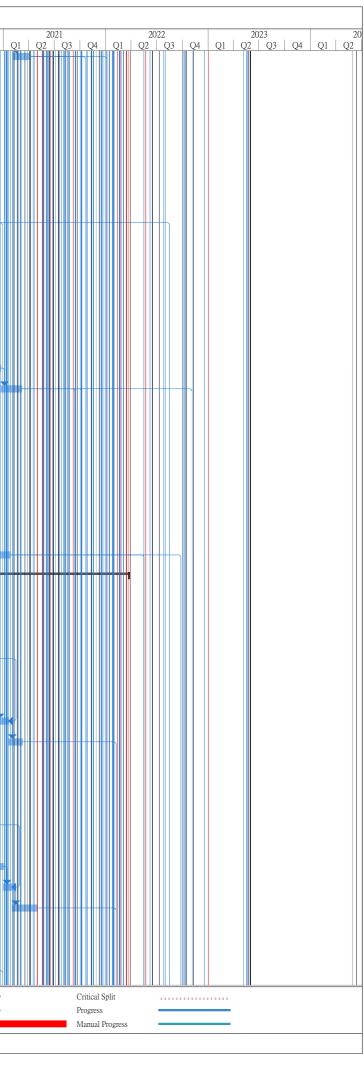
) ]	Fask Name		Duration	Actual	Remaining	Physical %	Early Start	Early Finish	ract No. ED/	Actual Finish		Late Finish	Total	TRA	Predecessors	20	)20
400		d ICE partification (Ein-1)		Duration	Duration	Complete 0%			NA	NA	Mon 8/3/21		Slack	1 day	399	Q2	
	Prepare DDA (E&M works) and		16 days		16 days		Thu 4/3/21	Fri 19/3/21				Tue 23/3/21	4 days				
)1		Statutory Authorities/Gov. Dept	61 days		61 days	0%	Sat 20/3/21	Wed 19/5/21		NA	Wed 24/3/21	Sun 23/5/21	4 days	1 day	400		
12	DCS Seawater & Intake Box Culv		-		174.59 days	0%	Tue 13/8/19	Thu 3/12/20		NA	Tue 13/8/19	Tue 3/8/21	243 days				
3	Prepare AIP Subm with ICE co	ertification (Draft)	165 days	165 days	0 days	100%	Tue 13/8/19	Fri 24/1/20	Tue 13/8/19	Fri 24/1/20	Tue 13/8/19	Fri 24/1/20	0 days	3 days			
4	Submit & endorse by PM		85 days	85 days	0 days	100%	Thu 23/1/20	Thu 16/4/20	Thu 23/1/20	Thu 16/4/20	Thu 23/1/20	Thu 16/4/20	0 days	1 day	403		
15	Submit & endorse by Statutory	Authorities/Gov. Dept	90 days	90 days	0 days	100%	Fri 24/1/20	Mon 27/4/20	Fri 24/1/20	Mon 27/4/20	Fri 24/1/20	Mon 27/4/20	0 days	1 day	403		
)6	Prepare AIP and ICE certificat	ion (Final)	0 days	0 days	0 days	100%	Thu 23/4/20	Mon 27/4/20	Thu 23/4/20	Mon 27/4/20	Thu 23/4/20	Mon 27/4/20	0 days	1 days	403,405,404	♦ 27	4
07	Prepare DDA and ICE certific	ation	80 days	0 days	80 days	0%	Sat 23/5/20	Mon 10/8/20	NA	NA	Thu 21/1/21	Sat 10/4/21	243 days	5 days	403SS,406FF+	1:	
08	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Tue 11/8/20	Tue 29/9/20	NA	NA	Sun 11/4/21	Sun 30/5/21	243 days	3 days	407		
-09	Prepare DDA for and ICE cert	ification (Final)	15 days	0 days	15 days	0%	Wed 30/9/20	Wed 14/10/20	NA	NA	Mon 31/5/21	Mon 14/6/21	243 days	1 day	408		
410	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Thu 15/10/20	Thu 3/12/20	NA	NA	Tue 15/6/21	Tue 3/8/21	243 days	2 days	409		
411	Seawater & Intake Box Culverts I	Diversion	248 days	49.98 days	198.02 days	0%	Wed 1/4/20	Fri 4/12/20	Wed 1/4/20	NA	Wed 1/4/20	Wed 6/10/21	306 days				₩
412	Prepare AIP Subm (Draft)		32 days	32 days	0 days	100%	Wed 1/4/20	Sat 2/5/20	Wed 1/4/20	Sat 2/5/20	Wed 1/4/20	Sat 2/5/20	0 days	3 days		╞═╁╌	
413	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	51 days	21 days	30 days	41%	Sat 2/5/20	Mon 22/6/20	Sat 2/5/20	NA	Sat 2/5/20	Tue 17/11/20	148 days	3 days	412		
414	Prepare AIP and ICE certificat	ion (Final)	15 days	0 days	15 days	0%	Tue 23/6/20	Tue 7/7/20	NA	NA	Wed 18/11/20	Wed 2/12/20	148 days	1 days	412,413		
415	Prepare DDA and ICE certific	ation	50 days	0 days	50 days	0%	Tue 23/6/20	Tue 11/8/20	NA	NA	Sun 25/4/21	Sun 13/6/21	306 days	5 days	412SS,413FF+	50	
416	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Wed 12/8/20	Wed 30/9/20	NA	NA	Mon 14/6/21	Mon 2/8/21	306 days	3 days	415		
417	Prepare DDA for and ICE cert	ification (Final)	15 days	0 days	15 days	0%	Thu 1/10/20	Thu 15/10/20	NA	NA	Tue 3/8/21	Tue 17/8/21	306 days	1 day	416		
118	_	Statutory Authorities/Gov. Dept	50 days		50 days	0%	Fri 16/10/20	Fri 4/12/20	NA	NA	Wed 18/8/21	Wed 6/10/21	306 days		417		
419	Rising Main (Sewerage Works)		402 days		268 days	0%	Thu 2/1/20	Sat 6/2/21	Thu 2/1/20	NA	Thu 2/1/20	Sun 7/3/21	29 days				Щ.
120	Prepare AIP (Draft)		35 days		0 days	100%	Thu 2/1/20	Wed 5/2/20	Thu 2/1/20	Wed 5/2/20		Wed 5/2/20	-	3 days	4		
421	Submit & endorse by PM		19 days		0 days	100%	Thu 6/2/20	Mon 24/2/20	Thu 6/2/20	Mon 24/2/20		Mon 24/2/20	0 days	1 day			
422	-	Statutory Authorities/Gov. Dept	56 days	-	0 days	100%	Thu 27/2/20	Fri 22/5/20			Thu 27/2/20	Fri 22/5/20	0 days	2 days	420		
423	-	-													420,422,421		
	Prepare AIP and ICE certificat		75 days		75 days	0%	Thu 2/7/20	Mon 14/9/20		NA	Fri 31/7/20	Tue 13/10/20	29 days	-			
124	Prepare DDA and ICE certific:		30 days		30 days	0%	Tue 15/9/20	Wed 14/10/20		NA	Wed 14/10/20	Thu 12/11/20	29 days		4208S,423		
425	-	Statutory Authorities/Gov. Dept	50 days	-	50 days	0%	Thu 15/10/20			NA	Fri 13/11/20	Fri 1/1/21	29 days	-	424,420		
426	Prepare DDA and ICE certific		15 days		15 days	0%		Fri 18/12/20			Sat 2/1/21	Sat 16/1/21	29 days		425		
427	-	Statutory Authorities/Gov. Dept	50 days	-	50 days	0%	Sat 19/12/20	Sat 6/2/21	NA	NA	Sun 17/1/21	Sun 7/3/21	29 days	3 days	426,423		
428	Road	nd Fresh Water Works for Underpass and Depressed			489.1 days	0%	Fri 13/9/19	Mon 14/6/21	Fri 13/9/19	NA	Fri 13/9/19	Mon 28/6/21	14 days				
429	Stormwater Drainage AIP for (Draft)	Underpass and Depressed Roads and ICE certification	72 days	72 days	0 days	100%	Mon 2/12/19	Tue 11/2/20	Mon 2/12/19	Tue 11/2/20	Mon 2/12/19	Tue 11/2/20	0 days	1 day			
430	Submit & endorse by PM		51 days	51 days	0 days	30%	Wed 12/2/20	Thu 2/4/20	Wed 12/2/20	Thu 2/4/20	Wed 12/2/20	Thu 2/4/20	0 days	0.5 days	429		
431	Submit & endorse by Statutory	Authorities/Gov. Dept	139 days	64 days	75 days	46%	Fri 20/3/20	Wed 5/8/20	Fri 20/3/20	NA	Fri 20/3/20	Fri 30/10/20	86 days		429		-
432	Prepare AIP and ICE certificat	ion (Final)	150 days	50 days	100 days	33%	Fri 3/4/20	Sun 30/8/20	Fri 3/4/20	NA	Fri 3/4/20	Sat 14/11/20	76 days		431FF+15 days		
433	Prepare DDA and ICE certific	ation (Draft)	150 days	0 days	150 days	0%	Sat 23/5/20	Mon 19/10/20	NA	NA	Sat 18/7/20	Mon 14/12/20	56 days	1 day	429,432FF+30	d 🏌	
434	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Tue 20/10/20	Sun 17/1/21	NA	NA	Tue 15/12/20	Sun 14/3/21	56 days	0.5 days	433		
435	Prepare DDA and ICE certific	ration (Final)	31 days	0 days	31 days	0%	Mon 18/1/21	Wed 17/2/21	NA	NA	Mon 15/3/21	Wed 14/4/21	56 days	1 day	434		
436	Submit & endorse by PM and	Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Thu 18/2/21	Mon 3/5/21	NA	NA	Thu 15/4/21	Mon 28/6/21	56 days	5 days	435		
437		IP for Underpass, Depressed Road and ICE	51 days	51 days	0 days	100%	Tue 8/10/19	Wed 27/11/19	Tue 8/10/19	Wed	Tue 8/10/19	Wed 27/11/19	0 days	1 day			
438	certification (Draft) Submit & endorse by PM		26 days	26 days	0 days	100%	Thu 28/11/19	Mon 23/12/19	Thu 28/11/19	27/11/19 Mon 23/12/	. Thu 28/11/19	Mon 23/12/19	0 days	0.5 days	437		
439	Submit & endorse by Statutory	Authorities/Gov. Dept	14 days	14 days	0 days	100%	Wed 8/4/20	Fri 24/4/20	Wed 8/4/20	Fri 24/4/20	Wed 8/4/20	Fri 24/4/20	0 days	3 days	437		
140	Prepare AIP for Underpass, De	epressed Road and ICE certification (Final)	22 days	22 days	0 days	100%	Sat 25/4/20	Sat 16/5/20	Sat 25/4/20	Sat 16/5/20	Sat 25/4/20	Sat 16/5/20	0 days	0 days	438,439		
441	Prepare DDA for Underpass, I	Depressed Road and ICE certification (Draft)	90 days	0 days	90 days	0%	Sun 17/5/20	Fri 14/8/20	NA	NA	Fri 2/10/20	Wed 30/12/20	138 days	1 day	440		
442		Statutory Authorities/Gov. Dept	75 days		75 days	0%	Sat 15/8/20	Wed 28/10/20	NA	NA	Thu 31/12/20	Mon 15/3/21		0.5 days	441		
443	-	Depressed Road and ICE certification (Final)	30 days		30 days	0%	Thu 29/10/20	Fri 27/11/20		NA	Tue 16/3/21	Wed 14/4/21	138 days		442		
444		Statutory Authorities/Gov. Dept	75 days		75 days	0%	Sat 28/11/20	Wed 10/2/21		NA	Thu 15/4/21	Mon 28/6/21	138 days	-	443		
	Submit & Chabise by Fivi and	Summery runnermessory. Dept	15 uays	o unyo	15 uays	0.0	5at 20/11/20	10/2/21	11/1		1110 13/4/21	101011 20/0/21	1.50 Uays	0 uays			
	ev.11 Prog with Progress	a. 11	Summary Project Sumi	maru		Inactive N Inactive S			Duration-on Manual Sun	ly 📃 nmary Rollup 🗖		Start-only Finish-only		с Э		ternal Mi adline	estone
is of 22	2-May-20		Project Sumi Inactive Tasl			Manual T	-		Manual Sun Manual Sun			<ul> <li>Finish-only</li> <li>External Tasl</li> </ul>	CS	-		adline tical	
									D	10 of 36							



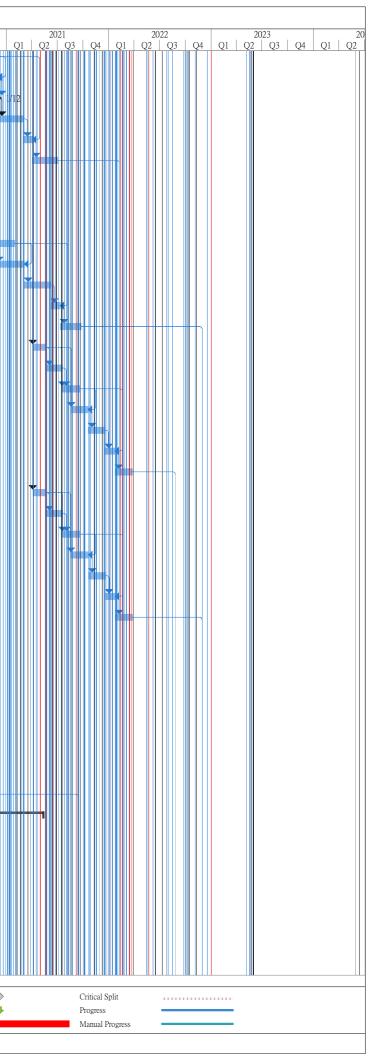
) m	ngk Nama		Dur-4	A office1	Domoinin	Dhunin -1 /1	Ecoler Ct.		Actual Start			Loto Einit	Tot-1	TDA	Dradaac	~ ~	00
	ask Name		Duration	Duration	Remaining Duration	Physical % Complete	Early Start			Actual Finish		Late Finish	Total Slack	TRA	Predecessors		)20   Q3
445	AIP for Water Works (Sewerag	ge Works of Gravity Sewers)	88 days	88 days	0 days	100%	Fri 13/9/19	Mon 9/12/19	Fri 13/9/19	Mon 9/12/19	Fri 13/9/19	Mon 9/12/19	0 days	1 day			
146	Submit & endorse by PM		19 days	19 days	0 days	100%	Mon 23/12/19			Fri 10/1/20	Mon 23/12/19	Fri 10/1/20	0 days	0.5 days	445		
47	Submit & endorse by Statutory	Authorities/Gov. Dept	18 days	18 days	0 days	100%	Fri 21/2/20	Mon 9/3/20	Fri 21/2/20	Mon 9/3/20	Fri 21/2/20	Mon 9/3/20	0 days	0.5 days	445		
148	AIP for Water Works (Sewerag	ge Works of Gravity Sewers) (Final)	11 days	11 days	0 days	100%	Tue 10/3/20	Fri 20/3/20	Tue 10/3/20	Fri 20/3/20	Tue 10/3/20	Fri 20/3/20	0 days	0.5 days	445,446,447		
49	DDA for Water Works (Sewer	age Works of Gravity Sewers)	60 days	0 days	60 days	0%	Sat 23/5/20	Tue 21/7/20	NA	NA	Wed 16/12/20	Sat 13/2/21	207 days	1 day	445		
50	Submit & endorse by PM and S	Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Wed 22/7/20	Wed 9/9/20	NA	NA	Sun 14/2/21	Sun 4/4/21	207 days	0.5 days	449		
451	DDA for Water Works - (Sew	erage Works of Gravity Sewers)	35 days	0 days	35 days	0%	Thu 10/9/20	Wed 14/10/20	NA	NA	Mon 5/4/21	Sun 9/5/21	207 days	1 day	448,449,450		
152	Submit & endorse by PM and S	Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Thu 15/10/20	Thu 3/12/20	NA	NA	Mon 10/5/21	Mon 28/6/21	207 days	0.5 days	451		
453	AIP for Stormwater Works - W	Vaterfront Promenade and at grade Open Space (Draf	t) 80 days	0 days	80 days	0%	Mon 6/7/20	Wed 23/9/20	NA	NA	Mon 20/7/20	Wed 7/10/20	14 days	1 day	445		1
454	Submit & endorse by PM and S	Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Thu 24/9/20	Sun 22/11/20	NA	NA	Thu 8/10/20	Sun 6/12/20	14 days	0.5 days	453		
455	AIP for Stormwater Works - W	aterfront Promenade and at grade Open Space (Final	) 30 days	0 days	30 days	0%	Mon 23/11/20	Tue 22/12/20	NA	NA	Mon 7/12/20	Tue 5/1/21	14 days	0.5 days	453,454		
456		Waterfront Promenade and at grade Open Space	120 days	0 days	120 days	0%	Thu 24/9/20	Thu 21/1/21	NA	NA	Thu 8/10/20	Thu 4/2/21	14 days	1 day	453,455FF+30		
457	(Draft) Submit & endorse by PM and S	Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Fri 22/1/21	Mon 22/3/21	NA	NA	Fri 5/2/21	Mon 5/4/21	14 days	0.5 days	days 456		
458	DDA for Stormwater Works -	Waterfront Promenade and at grade Open Space	24 days	0 days	24 days	0%	Tue 23/3/21	Thu 15/4/21	NA	NA	Tue 6/4/21	Thu 29/4/21	14 days	1 day	455,456,457		
459	(Final) Submit & endorse by PM and S	Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Fri 16/4/21	Mon 14/6/21	NA	NA	Fri 30/4/21	Mon 28/6/21	14 days	0.5 days	458		
460	AIP for Water Works - Remain			0 days	0 days	100%	Mon 2/3/20		Mon 2/3/20		Mon 2/3/20	Thu 9/4/20		1 day	453	941	
461		Statutory Authorities/Gov. Dept	27 days	· ·	0 days	100%	Fri 10/4/20		Fri 10/4/20	Wed 6/5/20		Wed 6/5/20		0.5 days			
462	AIP for Water Works - Remain		1 day	1 day	0 days	100%	Wed 29/4/20	Thu 7/5/20	Wed 29/4/20		Wed 29/4/20	Thu 7/5/20		0.5 days	460,461		
463		ining Stormwater works (Draft)	90 days		90 days	0%	Tue 2/6/20	Sun 30/8/20		NA	Fri 6/11/20	Wed 3/2/21	157 days		460	"	
		-													463		
464	-	Statutory Authorities/Gov. Dept	60 days		60 days	0%	Mon 31/8/20	Thu 29/10/20		NA	Thu 4/2/21	Sun 4/4/21					
465		ining Stormwater works (Final)	25 days		25 days	0%	Fri 30/10/20	Mon 23/11/20		NA	Mon 5/4/21	Thu 29/4/21	157 days		462,463,464		
466	-	Statutory Authorities/Gov. Dept	60 days		60 days	0%	Tue 24/11/20		NA	NA	Fri 30/4/21	Mon 28/6/21		0.5 days	465		
467		nd Fresh Water Works for Bridge B3		132.36 days	397.64 days	0%	Tue 22/10/19	Sat 3/4/21	Tue 22/10/19		Tue 22/10/19	Wed 6/10/21	186 days				
468	Fresh and Salt Water Works A	IP for Bridge D3 (Draft)	37 days	37 days	0 days	100%	Tue 22/10/19	Wed 27/11/19	Tue 22/10/19	Wed 27/11/	Tue 22/10/19	Wed 27/11/19	0 days	1 day		h	
169	Submit & endorse by PM		22 days	22 days	0 days	100%	Thu 28/11/19	Thu 19/12/19	Thu 28/11/19	Thu 19/12/19	Thu 28/11/19	Thu 19/12/19	0 days	0.5 days	468		
70	Submit & endorse by Statutory	Authorities/Gov. Dept	26 days	26 days	0 days	100%	Thu 9/4/20	Mon 4/5/20	Thu 9/4/20	Mon 4/5/20	Thu 9/4/20	Mon 4/5/20	0 days	0.5 days			
471	Prepare AIP for Bridge D3 and	ICE certification (Final)	3 days	3 days	0 days	100%	Mon 4/5/20	Wed 6/5/20	Mon 4/5/20	Wed 6/5/20	Mon 4/5/20	Wed 6/5/20	0 days	0 days	468,469,470FF+		
472	Prepare DDA for Bridge D3 a	nd ICE certification (Draft)	60 days	0 days	60 days	0%	Mon 8/6/20	Thu 6/8/20	NA	NA	Sat 19/9/20	Tue 17/11/20	103 days	1 day	471FF+15 days,		
473	Submit & endorse by PM and S	Statutory Authorities/Gov. Dept	55 days	0 days	55 days	0%	Fri 7/8/20	Wed 30/9/20	NA	NA	Wed 18/11/20	Mon 11/1/21	103 days	0.5 days	472		
474	Prepare DDA for Dridge D3 ar	d ICE certification (Final)	30 days	0 days	30 days	0%	Thu 1/10/20	Fri 30/10/20	NA	NA	Tue 12/1/21	Wed 10/2/21	103 days	0 days	473		
475	Submit & endorse by PM and S	Statutory Authorities/Gov. Dept	55 days	0 days	55 days	0%	Sat 31/10/20	Thu 24/12/20	NA	NA	Thu 11/2/21	Tue 6/4/21	103 days	0 days	474		
476	Stormwater Works AIP for Bri	dge D3 and ICE certification (Draft)	20 days	20 days	0 days	100%	Thu 23/1/20	Tue 11/2/20	Thu 23/1/20	Tue 11/2/20	Thu 23/1/20	Tue 11/2/20	0 days	1 day	468SS		
477	Submit & endorse by PM		9 days	9 days	0 days	100%	Wed 12/2/20	Thu 20/2/20	Wed 12/2/20	Thu 20/2/20	Wed 12/2/20	Thu 20/2/20	0 days	0.5 days	476		
478	Submit & endorse by Statutory	Authorities/Gov. Dept	28 days	28 days	0 days	100%	Wed 19/2/20	Tue 17/3/20	Wed 19/2/20	Tue 17/3/20	Wed 19/2/20	Tue 17/3/20	0 days	3 days			
479	Stormwater Works AIP for Bri	dge D3 and ICE certification (Final)	26 days	26 days	0 days	100%	Mon 2/3/20	Fri 27/3/20	Mon 2/3/20	Fri 27/3/20	Mon 2/3/20	Fri 27/3/20	0 days	1 day	477,476		
480	Prepare DDA for Bridge D3 an		65 days	-	65 days	0%	Sat 23/5/20	Sun 26/7/20		NA	Fri 9/10/20	Sat 12/12/20	139 days		476,479SS,478,		
481		Statutory Authorities/Gov. Dept	50 days		50 days	0%	Mon 27/7/20	Mon 14/9/20		NA	Sun 13/12/20	Sun 31/1/21		0.5 days			
482	-	ridge D3 and ICE certification (Final)	15 days	-	15 days	0%	Tue 15/9/20	Tue 29/9/20		NA	Mon 1/2/21	Mon 15/2/21	139 days		481		
483		Statutory Authorities/Gov. Dept	50 days		50 days	0%	Wed 30/9/20	Wed 18/11/20		NA	Tue 16/2/21	Tue 6/4/21	139 days		481		
484	-														102		
	_	Vorks of Pump Rooms EVA & Road L12d (Draft)	11 days		0 days	100%	Tue 28/4/20	Fri 8/5/20	Tue 28/4/20	Fri 8/5/20	Tue 28/4/20	Fri 8/5/20	0 days		191		
485	-	Statutory Authorities/Gov. Dept	60 days		45 days	25%	Fri 8/5/20	Tue 7/7/20	Fri 8/5/20	NA	Fri 8/5/20	Sat 9/1/21		0.5 days			
486	AIP for Stormwater Drainage		45 days		45 days	0%	Wed 8/7/20		NA	NA	Sun 10/1/21	Tue 23/2/21			484,485		
487	DDA for Stormwater Drainage		60 days		60 days	0%	Sat 22/8/20	Tue 20/10/20		NA	Wed 24/2/21	Sat 24/4/21	186 days		484,486		
488	Submit & endorse by PM and S	Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Wed 21/10/20	Sat 19/12/20	NA	NA	Sun 25/4/21	Wed 23/6/21	186 days	0.5 days	487		
489	DDA for Stromwater Drainage	Works (Final)	45 days	0 days	45 days	0%	Sun 20/12/20	Tue 2/2/21	NA	NA	Thu 24/6/21	Sat 7/8/21	186 days	1 day	487,486,488		
itle: Par	v.11 Prog with Progress	Task	Summary	1		Inactive M	filestone 🔷	1	Duration-on	ly	1	Start-only		C	Ext	emal Mil	estor
	-May-20		Project Sur		1	Inactive St				nmary Rollup		Finish-only		Э		ıdline	
	-	Milestone 🔶	Inactive Tas	sk		Manual Ta	ask		Manual Sun	nmary		External Tas	ks		Crit	ical	



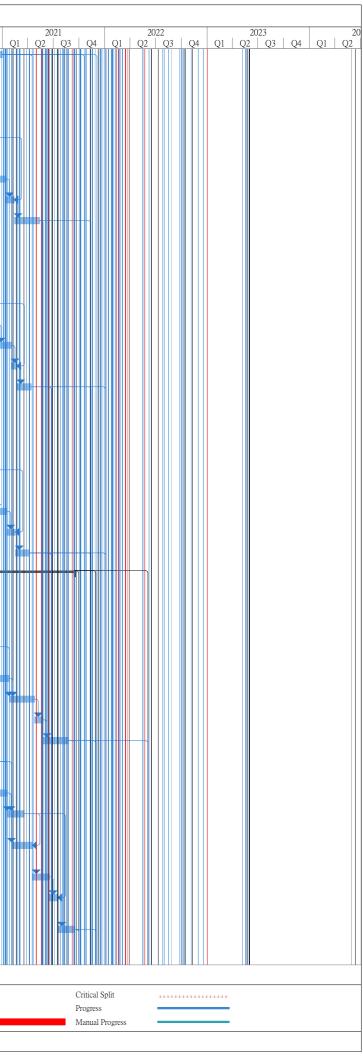
T	ack Nomo		Durat:	A atural	Domeinin -	Dhucical ff	Early Ct+		ract No. ED/			Lota Einich	Total	TD A	Dradesses		2020	
	ask Name		Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start					Late Finish	Total Slack	TRA	Predecessors		2020 2 Q3	(
490	Submit & endorse by PM and Statutor	y Authorities/Gov. Dept	60 days	0 days	60 days	0%	Wed 3/2/21	Sat 3/4/21	NA	NA	Sun 8/8/21	Wed 6/10/21	186 days	0.5 days	489			
491	AIP for Saltwater & Freshwater - Roa	d L12d (Draft)	40 days	40 days	0 days	100%	Fri 1/11/19	Tue 10/12/19	Fri 1/11/19	Tue 10/12/19	Fri 1/11/19	Tue 10/12/19	0 days	1 day				
192	Submit & endorse by PM		31 days	31 days	0 days	100%	Wed 11/12/19	Fri 10/1/20	Wed 11/12/19	Fri 10/1/20	Wed 11/12/19	Fri 10/1/20	0 days	0.5 days	491			
.93	Submit & endorse by Statutory Author	rities/Gov. Dept	14 days	14 days	0 days	100%	Thu 9/4/20	Wed 6/5/20	Thu 9/4/20	Wed 6/5/20	Thu 9/4/20	Wed 6/5/20	0 days	1 day	491	<b>1</b> .		
194	AIP for Saltwater & Freshwater Work	s - Road L12d (Final)	12 days	12 days	0 days	100%	Thu 7/5/20	Mon 18/5/20	Thu 7/5/20	Mon 18/5/20	Thu 7/5/20	Mon 18/5/20	0 days	0.5 days	491,492,493	1	·	
195	DDA for Saltwater & Freshwater Wor	ks - Road L12d (Draft)	60 days	0 days	60 days	0%	Tue 19/5/20	Fri 17/7/20	NA	NA	Thu 11/3/21	Sun 9/5/21	296 days	1 day	491,494	🎁		
496	Submit & endorse by PM and Statutor	y Authorities/Gov. Dept	60 days	0 days	60 days	0%	Sat 18/7/20	Tue 15/9/20	NA	NA	Mon 10/5/21	Thu 8/7/21	296 days	0.5 days	495			
197	DDA for Saltwater & FreshwaterWor	ks - Road L12d (Final)	30 days	0 days	30 days	0%	Wed 16/9/20	Thu 15/10/20	NA	NA	Fri 9/7/21	Sat 7/8/21	296 days	1 day	494,495,496		-         <b>'</b>	
198	Submit & endorse by PM and Statutor	y Authorities/Gov. Dept	60 days	0 days	60 days	0%	Fri 16/10/20	Mon 14/12/20	NA	NA	Sun 8/8/21	Wed 6/10/21	296 days	0.5 days	497			I
.99	Fresh and Salt Works AIP - Waterfrom	t Promenade and at grade Open Space (Draft)	40 days	40 days	0 days	100%	Fri 1/11/19	Tue 10/12/19	Fri 1/11/19	Tue 10/12/19	Fri 1/11/19	Tue 10/12/19	0 days	1 day				
00	Submit & endorse by PM		31 days	31 days	0 days	100%	Wed 11/12/19	Fri 10/1/20	Wed 11/12/19	Fri 10/1/20	Wed 11/12/19	Fri 10/1/20	0 days	0.5 days	499			
01	Submit & endorse by PM/Statutory A	uthorities/Gov. Dept	14 days	14 days	0 days	100%	Thu 9/4/20			Mon 18/5/20		Mon 18/5/20		0.5 days				
02		nt Promenade and at grade Open Space (Final)		0 days	0 days	100%	Mon 11/5/20	Mon 18/5/20				Mon 18/5/20		0.5 days	499,500,501		19/5	
503		ont Promenade and at grade Open Space	90 days	-	90 days	0%	Tue 19/5/20	Sun 16/8/20		NA	Sat 19/12/20	Thu 18/3/21	214 days		499,502			
i03	(Draft) Submit & endorse by PM and Statutor				-	0%		Fri 30/10/20			Fri 19/3/21	Tue 1/6/21		-	499,302 503			
	-	· ·	75 days		75 days		Mon 17/8/20			NA								T
05	(Final)	ont Promenade and at grade Open Space	52 days		52 days	0%	Sat 31/10/20	Mon 21/12/20		NA	Wed 2/6/21	Fri 23/7/21	214 days	-	502,503,504			
06	Submit & endorse by PM and Statutor		75 days		75 days	0%	Tue 22/12/20		NA	NA	Sat 24/7/21	Wed 6/10/21		0.5 days				
)7	_	sh Water and Salt Water works (Draft)	40 days		0 days	100%	Fri 1/11/19	Tue 10/12/19		Tue 10/12/19		Tue 10/12/19		1 day	499SS		1	
08	Submit & endorse by PM		31 days	31 days	0 days	100%	Wed 11/12/19	Fri 10/1/20	Wed 11/12/19	Fri 10/1/20	Wed 11/12/19	Fri 10/1/20	0 days	0.5 days	507			
)9	Submit & endorse by PM/Statutory A	athorities/Gov. Dept	14 days	14 days	0 days	100%	Thu 9/4/20	Thu 7/5/20	Thu 9/4/20	Thu 7/5/20	Thu 9/4/20	Thu 7/5/20	0 days	2 days	507	<b>.</b>		
0	AIP for Water Works - Remaining Fre	esh Water and Salt Water works (Final)	11 days	11 days	0 days	100%	Thu 7/5/20	Mon 18/5/20	Thu 7/5/20	Mon 18/5/20	Thu 7/5/20	Mon 18/5/20	0 days	0.5 days	507,508,509		╉╌╢╫╂	╢
1	DDA for Water Works - Remaining F	resh Water and Salt Water works (Draft)	50 days	0 days	50 days	0%	Mon 8/6/20	Mon 27/7/20	NA	NA	Fri 19/2/21	Fri 9/4/21	256 days	1 day	507,510			╢
2	Submit & endorse by PM and Statutor	y Authorities/Gov. Dept	75 days	0 days	75 days	0%	Tue 28/7/20	Sat 10/10/20	NA	NA	Sat 10/4/21	Wed 23/6/21	256 days	0.5 days	511			
13	DDA for Water Works - Remaining F	resh Water and Salt Water works (Final)	30 days	0 days	30 days	0%	Sun 11/10/20	Mon 9/11/20	NA	NA	Thu 24/6/21	Fri 23/7/21	256 days	1 day	510,511,512			
4	Submit & endorse by PM and Statutor	y Authorities/Gov. Dept	75 days	0 days	75 days	0%	Tue 10/11/20	Sat 23/1/21	NA	NA	Sat 24/7/21	Wed 6/10/21	256 days	0.5 days	513			
5	Pumping Stations, Box Culverts and Intal	te Structures	845 days	100.29 days	744.71 days	0%	Mon 2/12/19	Fri 25/3/22	Mon 2/12/19	NA	Mon 2/12/19	Thu 5/5/22	41 days			$\vdash$		╉
16	Prepare AIP for Salt Water and Sewag	e Pumping Structures (Draft)	29 days	29 days	0 days	100%	Mon 2/12/19	Mon 30/12/19	Mon 2/12/19		Mon 2/12/19	Mon 30/12/19	0 days	1 day	4			
17	Submit & endorse by PM		11 days	11 days	0 days	100%	Tue 31/12/19	Fri 10/1/20	Tue 31/12/19	30/12/19 Fri 10/1/20	Tue 31/12/19	Fri 10/1/20	0 days	0.5 days	516		_	
18	Submit & endorse by Statutory Autho	rities/Gov. Dept	27 days	27 days	0 days	100%	Fri 27/3/20	Wed 29/4/20	Fri 27/3/20	Wed 29/4/20	Fri 27/3/20	Wed 29/4/20	0 days	2 days				
19	Prepare AIP for Salt Water & Sewage	Pumping Structures and ICE certification	36 days	0 days	36 days	0%	Thu 2/7/20	Thu 6/8/20	NA	NA	Thu 10/6/21	Thu 15/7/21	343 days	1 day	516,517,518FF+			
20	(Final) Prepare DDA for Salt Water & Sewag	e Pumping Structures and ICE certification	45 days	0 davs	45 days	0%	Tue 1/9/20	Thu 15/10/20	NA	NA	Tue 10/8/21	Thu 23/9/21	343 days	1 dav	days 516,518FF+21			-
21	(Draft) Submit & endorse by PM and Statutor		50 days		50 days	0%	Fri 16/10/20	Fri 4/12/20		NA	Fri 24/9/21	Fri 12/11/21			days,519FF+70 520			
22	-	e Pumping Structures and ICE certification	45 days		45 days	0%	Sat 5/12/20	Mon 18/1/21		NA	Sat 13/11/21	Mon 27/12/21			521,519FF			
22	(Final) Submit & endorse by PM and Statutor		50 days		45 days	0%	Tue 19/1/21		NA	NA	Tue 28/12/21	Tue 15/2/22	343 days	-	522			
	-														322			
24	Prepare E&M Works AIP for Sewage	rumping Station (Draff)	29 days		0 days	100%	Tue 7/1/20	Tue 4/2/20	Tue 7/1/20	Tue 4/2/20	Tue 7/1/20	Tue 4/2/20	0 days		51( 50)			
25	Submit & endorse by PM		10 days		0 days	100%	Wed 5/2/20	Fri 14/2/20		Fri 14/2/20	Wed 5/2/20	Fri 14/2/20			516,524			
26	Submit & endorse by Statutory Autho	-	55 days		25 days	55%	Thu 23/4/20			NA	Thu 23/4/20	Sun 13/9/20	89 days	-	524,525			
27		ion E&M works and ICE certification (Final)			77 days	0%	Wed 17/6/20		NA	NA	Mon 14/9/20	Sun 29/11/20	89 days	-	526			╢
28	Prepare DDA for Sewage Pumping St	ation E&M works and ICE certification (Draft)	120 days	0 days	120 days	0%	Wed 24/6/20	Wed 21/10/20	NA	NA	Mon 21/9/20	Mon 18/1/21	89 days	1 day	516,526FF,527F days	1		
.9	Submit & endorse by PM and Statutor	y Authorities/Gov. Dept	70 days	0 days	70 days	0%	Thu 22/10/20	Wed 30/12/20	NA	NA	Tue 19/1/21	Mon 29/3/21	89 days	1 day	528			
0	Prepare DDA for Sewage Pumping St	ation and ICE certification (Final)	31 days	0 days	31 days	0%	Thu 31/12/20	Sat 30/1/21	NA	NA	Tue 30/3/21	Thu 29/4/21	89 days	1 day	529,527FF+6 days			
1	Submit & endorse by PM and Statutor	y Authorities/Gov. Dept	91 days	0 days	91 days	0%	Sun 31/1/21	Sat 1/5/21	NA	NA	Fri 30/4/21	Thu 29/7/21	89 days	1 day	530			
32	Prepare E&M Works AIP for Salt Wa	ter Pumping (Draft)	29 days	29 days	0 days	100%	Tue 7/1/20	Tue 4/2/20	Tue 7/1/20	Tue 4/2/20	Tue 7/1/20	Tue 4/2/20	0 days	2 days		$\left\  \right\ $		
3	Submit & endorse by PM		10 days	10 days	0 days	100%	Wed 5/2/20	Fri 14/2/20	Wed 5/2/20	Fri 14/2/20	Wed 5/2/20	Fri 14/2/20	0 days	0.5 days	532,516			
4	Submit & endorse by Statutory Autho	rities/Gov. Dept	60 days	24 days	36 days	40%	Wed 29/4/20	Sat 27/6/20	Wed 29/4/20	NA	Wed 29/4/20	Sat 12/9/20	77 days	2 days	532,533			1
		-																
	7.11 Prog with Progress		ummary roject Sum	mary		Inactive M Inactive S			Duration-onl Manual Sum	-		Start-only Finish-only		C ]		ernal N idline	Ailestone	
of 22	-May-20		nactive Tasl						Manual Sum					-	200	ical		



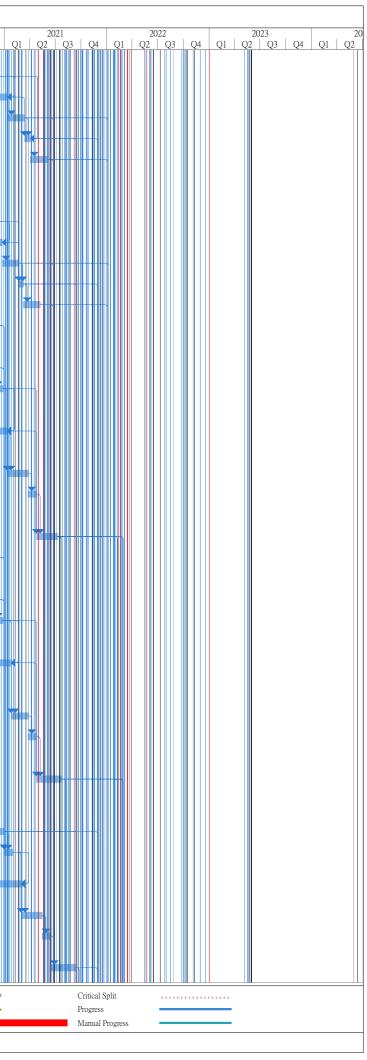
) Ta	ack Name		Disenti	Actual	Romainin -	Dhusical n	Egely Ctart		Actual Start			Late Finish	Total	ТР /	Dradaaaaa		2020
	isk Name		Duration	Duration	Remaining Duration	Physical % Complete	Early Start			Actual Finish			Total Slack	TRA	Predecessors		2020 Q
535	Prepare AIP for Salt Water Pun (Final)	nping Station E&M works and ICE certification	77 days	0 days	77 days	0%	Mon 17/8/20	Sun 1/11/20	NA	NA	Sun 13/9/20	Sat 28/11/20	27 days	2 days	534		
536	Prepare DDA for Salt Water Pu (Draft)	mping Station E&M works and ICE certification	120 days	0 days	120 days	0%	Tue 4/8/20	Tue 1/12/20	NA	NA	Mon 31/8/20	Mon 28/12/20	27 days	1 day	534FF,535FF+30 days,516		
37	Submit to WSD for Plumbing a	nd Irrigation Works for approval	0 days	0 days	0 days	0%	Tue 1/12/20	Tue 1/12/20	NA	NA	Tue 29/12/20	Tue 29/12/20	27 days	1 day	536		
538	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	91 days	0 days	91 days	0%	Wed 2/12/20	Tue 2/3/21	NA	NA	Tue 29/12/20	Mon 29/3/21	27 days	1 day	536,537		
539	Prepare DDA for Salt Water Pu	mping Station and ICE certification (Final)	31 days	0 days	31 days	0%	Wed 3/3/21	Fri 2/4/21	NA	NA	Tue 30/3/21	Thu 29/4/21	27 days	1 day	535FF+6 days,538		
640	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	91 days	0 days	91 days	0%	Sat 3/4/21	Fri 2/7/21	NA	NA	Fri 30/4/21	Thu 29/7/21	27 days	1 day	539		
541	AIP for Remaining Works of Sa (Draft)	alt Water & Sewerage Pumping and ICE certification	n 41 days	41 days	0 days	0%	Mon 17/2/20	Sat 28/3/20	Mon 17/2/20	Sat 28/3/20	Mon 17/2/20	Sat 28/3/20	0 days	1 day	4	+	
542	Submit & endorse by PM		18 days	18 days	0 days	100%	Mon 30/3/20	Thu 16/4/20	Mon 30/3/20	Thu 16/4/20	Mon 30/3/20	Thu 16/4/20	0 days			⊶	
i43	Submit & endorse by Statutory	Authorities/Gov. Dept	90 days	0 days	90 days	0%	Mon 3/8/20	Sat 31/10/20	NA	NA	Sun 14/3/21	Fri 11/6/21	223 days	0.5 days	541,542		
544		alt Water Pumping & Sewage and ICE certification	90 days	0 days	90 days	0%	Sun 1/11/20	Fri 29/1/21	NA	NA	Sat 12/6/21	Thu 9/9/21	223 days	3 days	543		
545		Salt Water & Sewage Pumping and ICE certification	90 days	0 days	90 days	0%	Sun 6/12/20	Fri 5/3/21	NA	NA	Sat 17/7/21	Thu 14/10/21	223 days	1 day	541,544FF+35		
546	(Draft) Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	93 days	0 days	93 days	0%	Sat 6/3/21	Sun 6/6/21	NA	NA	Fri 15/10/21	Sat 15/1/22	223 days	3 days	days 545		
547	-	Salt Water & Sewage Pumping and ICE certification	35 davs	0 davs	35 days	0%	Mon 7/6/21	Sun 11/7/21	NA	NA	Sun 16/1/22	Sat 19/2/22	223 days		546,544FF+12		
548	(Final) Submit & endorse by PM and S		75 days		75 days	0%	Mon 12/7/21		NA	NA	Sun 20/2/22	Thu 5/5/22	223 days		days 547		
549	-	Salt Water & Sewage Pumping and ICE certification	-	-	45 days	0%	Mon 5/4/21	Wed 19/5/21		NA	Mon 3/5/21	Wed 16/6/21	28 days		4		
	(Draft)																
550 551	Submit & endorse by PM and S	Salt Water Pumping & Sewage and ICE certification	60 days	-	60 days 62 days	0%	Thu 20/5/21 Mon 19/7/21	Sun 18/7/21 Sat 18/9/21	NA	NA	Thu 17/6/21 Mon 16/8/21	Sun 15/8/21 Sat 16/10/21			549 549,550		
	(Final)												28 days		· ·		
552	certification (Draft)	of Salt Water & Sewage Pumping and ICE	60 days		60 days	0%	Fri 20/8/21	Mon 18/10/21		NA	Fri 17/9/21	Mon 15/11/21	28 days		549,551FF+30 days		
553	Submit & endorse by PM and S		60 days		60 days	0%	Tue 19/10/21	Fri 17/12/21		NA	Tue 16/11/21	Fri 14/1/22		0.5 days	552		
554	DDA for Architectural works of certification (Final)	of Salt Water & Sewage Pumping and ICE	36 days	0 days	36 days	0%	Sat 18/12/21	Sat 22/1/22	NA	NA	Sat 15/1/22	Sat 19/2/22	28 days	2 days	551FF+12 days,553		
555	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	62 days	0 days	62 days	0%	Sun 23/1/22	Fri 25/3/22	NA	NA	Sun 20/2/22	Fri 22/4/22	28 days	2 days	554		
556	AIP for Landscaping works of S (Draft)	Salt Water & Sewage Pumping and ICE certification	45 days	0 days	45 days	0%	Mon 5/4/21	Wed 19/5/21	NA	NA	Sun 2/5/21	Tue 15/6/21	27 days	1 day	4		
557	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Thu 20/5/21	Mon 19/7/21	NA	NA	Wed 16/6/21	Sun 15/8/21	27 days	0.5 days	556		
558	AIP for Landscaping works of S (Final)	Salt Water Pumping & Sewage and ICE certification	62 days	0 days	62 days	0%	Tue 20/7/21	Sun 19/9/21	NA	NA	Mon 16/8/21	Sat 16/10/21	27 days	2 days	556,557		
559	()	f Salt Water & Sewage Pumping and ICE	62 days	0 days	62 days	0%	Thu 19/8/21	Tue 19/10/21	NA	NA	Wed 15/9/21	Mon 15/11/21	27 days	2 days	556,558FF+30 days		
560	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Wed 20/10/21	Sun 19/12/21	NA	NA	Tue 16/11/21	Sat 15/1/22	27 days	0.5 days	559		
561	DDA for Landscaping works of	f Salt Water & Sewage Pumping and ICE	35 days	0 days	35 days	0%	Mon 20/12/21	Sun 23/1/22	NA	NA	Sun 16/1/22	Sat 19/2/22	27 days	2 days	558FF+12		
562	certification (Final) Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	61 days	0 days	61 days	0%	Mon 24/1/22	Fri 25/3/22	NA	NA	Sun 20/2/22	Thu 21/4/22	27 days	2 days	days,560 561		
563	AIP for Seawater Intake and Bo 160m) (Section 6) Submission (	ox Culvert Structures for Pumping Station (approx. Draft)	58 days	58 days	0 days	100%	Tue 10/12/19	Wed 5/2/20	Tue 10/12/19	Wed 5/2/20	Tue 10/12/19	Wed 5/2/20	0 days	1 day		-	
564	Submit & endorse by PM		25 days	25 days	0 days	33%	Wed 5/2/20	Thu 5/3/20	Wed 5/2/20	Thu 5/3/20	Wed 5/2/20	Thu 5/3/20	0 days	0.5 days	563		Ц
565	Submit & endorse by Statutory	Authorities/Gov Dept	50 days	-	50 days	0%	Sat 23/5/20	Sat 11/7/20	NA	NA	Sun 28/3/21	Sun 16/5/21		0.5 days		ų.	
566	AIP for Seawater Intake and Bc		21 days	-	21 days	0%	Sun 12/7/20	Sat 1/8/20	NA	NA	Mon 17/5/21	Sun 6/6/21		0.5 days	563,565,564		Ţ
567	DDA for Seawater Intake and E	. ,	15 days		15 days	0%	Sat 25/7/20	Sat 1/8/20 Sat 8/8/20	NA	NA	Sun 30/5/21	Sun 13/6/21	309 days		563,565,564,566		
			-	-													
568	Submit & endorse by PM and S		50 days		50 days	0%	Sun 9/8/20	Sun 27/9/20		NA	Mon 14/6/21	Mon 2/8/21			567		
569	DDA for Seawater Intake and E		15 days		15 days	0%	Mon 28/9/20	Mon 12/10/20		NA	Tue 3/8/21	Tue 17/8/21	309 days		567,568,566FF+		
570	Submit & endorse by PM and S		50 days	-	50 days	0%	Tue 13/10/20	Tue 1/12/20		NA	Wed 18/8/21	Wed 6/10/21		0.5 days	569		
571	Elevated Landscape Deck Staircase	e & Associated Work	714 days	268.49 days	445.51 days	0%	Thu 30/5/19	Wed 12/5/21	Thu 30/5/19		Thu 30/5/19	Mon 5/7/21	54 days			$\top$	
572	Elevated Landscape Deck Super	rstructure AIP and ICE certification (Draft)	96 days	96 days	0 days	100%	Thu 30/5/19	Mon 2/9/19	Thu 30/5/19	Mon 2/9/19	Thu 30/5/19	Mon 2/9/19	0 days	3 days	4		
573	Submit & endorse by PM		15 days	15 days	0 days	100%	Tue 3/9/19	Tue 17/9/19	Tue 3/9/19	Tue 17/9/19	Tue 3/9/19	Tue 17/9/19	0 days	1 days	572		
574	Submit & endorse by Statutory	Authorities/Gov. Dept	162 days	162 days	0 days	0%	Tue 24/9/19	Tue 3/3/20	Tue 24/9/19	Tue 3/3/20	Tue 24/9/19	Tue 3/3/20	0 days	0.5 days	573	+	
575	Prepare AIP and ICE certification	on (Final)	255 days	155 days	100 days	61%	Wed 20/11/19	Fri 31/7/20	Wed 20/11/19	NA	Wed 20/11/19	Thu 26/11/20	118 days	0.5 days	44FF+12 days	-	
576	Prepare DDA and ICE certificat	tion (Draft)	75 days	0 days	75 days	0%	Fri 12/6/20	Sun 30/8/20	NA	NA	Thu 8/10/20	Sat 26/12/20	118 days	1 day	574FF+30 days,		
577	Submit & endorse by PM and S	tatutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Mon 31/8/20	Mon 19/10/20	) NA	NA	Sun 27/12/20	Sun 14/2/21	118 days	0.5 days	576		
578	Prepare DDA for and ICE certif	fication (Final)	22 days	0 days	22 days	0%	Tue 20/10/20	Tue 10/11/20	NA	NA	Mon 15/2/21	Mon 8/3/21	118 days	1 day	577		
		Task	Summarv			Inactive N	filestone 💧		Duration-on	lv		Start-only		C	Fyte	mal Mi	 [j]est/
	r.11 Prog with Progress -May-20		Summary Project Sum	mary	I	Inactive N				nmary Rollup 🗧		Finish-only		3	Dead		10310
15 01 22-	-iviay-20	Milestone $\blacklozenge$	Inactive Tas	k		Manual Ta	ask		Manual Sun	mary		External Task	2		Criti	ral	



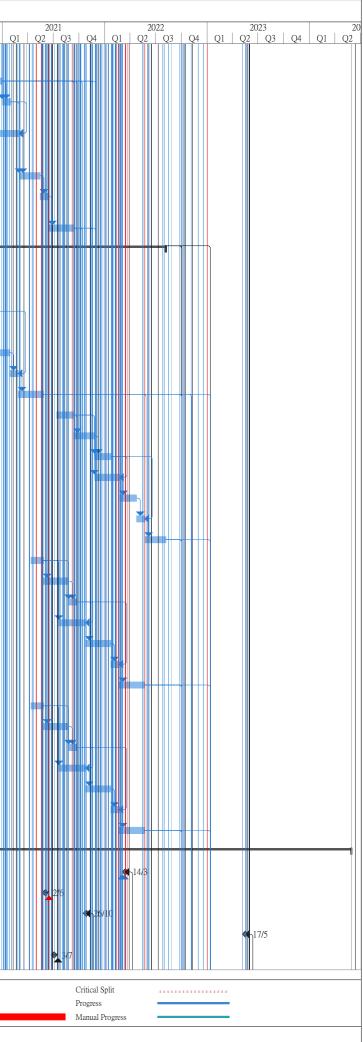
Tas	sk Name	Duration		Remaining	Physical %	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total	TRA	Predecessors	20		
579	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	Duration 0 days	Duration 50 days	Complete 0%	Wed 11/11/20	Wed 30/12/20	NA	NA	Tue 9/3/21	Tue 27/4/21	Slack 118 days	a 1 day	578	Q2	Q3	;
580	Elevated Landscape Deck - Lift (LT1&LT2)& Staircase include E&M Progvision:	50 days	50 days	0 days	100%	Mon 7/10/19	Mon 25/11/19	Mon 7/10/19	Mon	Mon 7/10/19	Mon 25/11/19	0 days	3 days	44FF+12 days		Ш	
581	AIP and ICE Certification (Draft) Submit & endorse by PM	21 days	21 days	0 days	100%	Tue 26/11/19	Mon 16/12/19	Tue 26/11/19	25/11/19 Mon 16/12/	Tue 26/11/19	Mon 16/12/19	0 days	1 days	580			
582	Submit & endorse by Statutory Authorities/Gov. Dept	120 days	85 days	35 days	71%	Fri 28/2/20	Fri 26/6/20	Fri 28/2/20	NA	Fri 28/2/20	Thu 13/8/20	48 days	1 days	580			
583	Prepare AIP and ICE certification (Final)	60 days	-	60 days	0%	Sat 27/6/20	Tue 25/8/20	NA	NA	Fri 14/8/20	Mon 12/10/20	48 days	-	580,581,582,44F			
584	Prepare DDA and ICE certification (Draft)	60 days	-	60 days	0%	Tue 11/8/20	Wed 14/10/20		NA	Mon 28/9/20	Tue 1/12/20	48 days		580,583FF+50 d			
585	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	-	90 days	0%	Thu 15/10/20	Tue 12/1/21		NA	Wed 2/12/20	Mon 1/3/21		0.5 days				
586	Prepare DDA for and ICE certification (Final)	30 days	-	30 days	0%	Wed 13/1/21	Thu 11/2/21		NA	Tue 2/3/21	Wed 31/3/21	-	0.5 days	585,583FF+12 d			
587	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days		90 days	0%	Fri 12/2/21	Wed 12/5/21		NA	Thu 1/4/21	Tue 29/6/21	48 days		586			
588	Elevated Landscape Deck - Open Space AIP Subm (Draft)	50 days	-	0 days	100%	Mon 10/2/20		Mon 10/2/20	Mon 30/3/20		Mon 30/3/20		3 days	500			
589			-	0 days	100%	Mon 30/3/20		Mon 30/3/20			Mon 20/4/20		0.5 days	599			
	Submit & endorse by PM	21 days		-													
590	Submit & endorse by Statutory Authorities/Gov. Dept	50 days	-	50 days	0%	Mon 6/7/20	Mon 24/8/20		NA	Mon 28/9/20	Mon 16/11/20	84 days		588			
591	Prepare AIP and ICE certification (Final)	30 days	-	30 days	0%	Tue 25/8/20	Wed 23/9/20		NA	Tue 17/11/20	Wed 16/12/20	84 days		588,590,44FF+1			
592	Prepare DDA and ICE certification (Draft)	75 days	-	75 days	0%	Thu 24/9/20	Sat 12/12/20		NA	Thu 17/12/20	Sat 6/3/21	84 days		590SS,591			1
93	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	-	50 days	0%	Sun 13/12/20	Sun 31/1/21		NA	Sun 7/3/21	Sun 25/4/21		0.5 days				
i94	Prepare DDA for and ICE certification (Final)	21 days	0 days	21 days	0%	Mon 1/2/21	Sun 21/2/21	NA	NA	Mon 26/4/21	Sun 16/5/21	84 days	0 days	593,591FF+6 da			
195	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Mon 22/2/21	Mon 12/4/21	NA	NA	Mon 17/5/21	Mon 5/7/21	84 days	0 days	594			
96	EVA for Open Space AIP Subm (Draft)	71 days	71 days	0 days	100%	Mon 10/2/20	Mon 20/4/20	Mon 10/2/20	Mon 20/4/20	Mon 10/2/20	Mon 20/4/20	0 days	3 days		<b>-</b>		
97	Submit & endorse by PM	2 days	2 days	0 days	100%	Tue 21/4/20	Mon 27/4/20	Tue 21/4/20	Mon 27/4/20	Tue 21/4/20	Mon 27/4/20	0 days	1 day	596	ľ		
98	Submit & endorse by Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Mon 6/7/20	Mon 24/8/20	NA	NA	Sun 4/10/20	Sun 22/11/20	90 days	1 days	596		1	٦I
99	Prepare AIP and ICE certification (Final)	30 days	0 days	30 days	0%	Tue 25/8/20	Wed 23/9/20	NA	NA	Mon 23/11/20	Tue 22/12/20	90 days	2 days	596,598,44FF+1			1
00	Prepare DDA and ICE certification (Draft)	60 days	0 days	60 days	0%	Thu 24/9/20	Fri 27/11/20	NA	NA	Wed 23/12/20	Thu 25/2/21	90 days	1 day	598SS,599			-
01	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Sat 28/11/20	Sat 16/1/21	NA	NA	Fri 26/2/21	Fri 16/4/21	90 days	0.5 days	600			
02	Prepare DDA for and ICE certification (Final)	30 days	0 days	30 days	0%	Sun 17/1/21	Mon 15/2/21	NA	NA	Sat 17/4/21	Sun 16/5/21	90 days	0 days	599FF+6 days,6			
3	Submit & endorse by PM and Statutory Authorities/Gov. Dept	50 days	0 days	50 days	0%	Tue 16/2/21	Tue 6/4/21	NA	NA	Mon 17/5/21	Mon 5/7/21	90 days	0 days	602			
)4	Waterfront Promenade and At-grade Open Space	533 days	5.98 days	527.02 days	0%	Wed 1/4/20	Wed 15/9/21	Wed 1/4/20	NA	Wed 1/4/20	Tue 28/9/21	13 days				++++	-
05	Prepare AIP for Observation Deck with Lift (LT5) and Staircase and ICE (Include E&M Provision Works) certification (Draft)	24 days	24 days	0 days	100%	Wed 1/4/20	Fri 24/4/20	Wed 1/4/20	Fri 24/4/20	Wed 1/4/20	Fri 24/4/20	0 days	1 day				
06	Submit & endorse by PM and Statutory Authorities/Gov. Dept	14 days	14 days	0 days	0%	Fri 24/4/20	Fri 8/5/20	Fri 24/4/20	Fri 8/5/20	Fri 24/4/20	Fri 8/5/20	0 days	1 day	605			
07	Prepare AIP for Observation Deck with Lift (LT5) and Staircase and ICE (Include E&M Provision Works) certification (Final)	31 days	0 days	31 days	0%	Wed 16/9/20	Fri 16/10/20	NA	NA	Thu 22/10/20	Sat 21/11/20	36 days	1 day	605,606,647FF,6			1
)8	Prepare DDA for Observation Deck with Lift and Staircase and ICE (Include E&M	100 days	0 days	100 days	0%	Sat 17/10/20	Sun 24/1/21	NA	NA	Sun 22/11/20	Mon 1/3/21	36 days	1 day	605,647,654,607			
09	Provision Works) certification (Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Mon 25/1/21	Sat 24/4/21	NA	NA	Tue 2/3/21	Sun 30/5/21	36 days	0.5 days	608,607			
10	Prepare DDA for Observation Deck with Lift and Staircase and ICE (Include E&M	31 days	0 days	31 days	0%	Sun 25/4/21	Tue 25/5/21	NA	NA	Mon 31/5/21	Wed 30/6/21	36 days	1 day	609			
11	Provision Works) certification (Final) Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Wed 26/5/21	Mon 23/8/21	NA	NA	Thu 1/7/21	Tue 28/9/21	36 days	2 days	610			
12	Prepare AIP for Remaining Works at Waterfront Promenade and ICE (Include E&M Provision Works) certification (Draft)	51 days	0 days	51 days	0%	Mon 14/9/20	Tue 3/11/20	NA	NA	Sun 27/9/20	Mon 16/11/20	13 days	2 days				
13	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Wed 4/11/20	Sun 17/1/21	NA	NA	Tue 17/11/20	Sat 30/1/21	13 days	0.5 days	612			
14	Prepare AIP for Remaining Works at Waterfront Promenade and ICE (Include E&M Provision Works) certification (Final)	60 days	0 days	60 days	0%	Mon 18/1/21	Thu 18/3/21	NA	NA	Sun 31/1/21	Wed 31/3/21	13 days	2 days	612,613			
5	Prepare DDA for Remaining Works at Waterfront Promenade and ICE (Include E&M Provision Works) certification (Draft)	75 days	0 days	75 days	0%	Tue 2/2/21	Sat 17/4/21	NA	NA	Mon 15/2/21	Fri 30/4/21	13 days	1 day	612,614FF+30 days			
5	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Sun 18/4/21	Wed 16/6/21	NA	NA	Sat 1/5/21	Tue 29/6/21	13 days	1 day	615			
7	Prepare DDA for Remaining Works at Waterfront Promenade and ICE (Include E&M Provision Works) certification (Final)	31 days	0 days	31 days	0%	Thu 17/6/21	Sat 17/7/21	NA	NA	Wed 30/6/21	Fri 30/7/21	13 days	1 day	616,614FF+15 days			
8	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Sun 18/7/21	Wed 15/9/21	NA	NA	Sat 31/7/21	Tue 28/9/21	13 days	1 day	617			
9	AIP for Cladding Design of Landscape Deck, Lifts and associated Works (Draft)	31 days	0 days	31 days	0%	Mon 20/7/20	Wed 19/8/20	NA	NA	Fri 21/8/20	Sun 20/9/20	32 days	1 day				
	Task	Summary			Inactive N	Ailestone 💧		Duration-on	lv		Start-only		C	Exte	rnal Mil	estone	
	11 Prog with Progress	, anninal y		•	<ul> <li>Inderive N</li> </ul>	mestone V		Duration-Oli	. y		Statt=OIIIy		- C	EXIC	11101 IVIII	,scollC	2



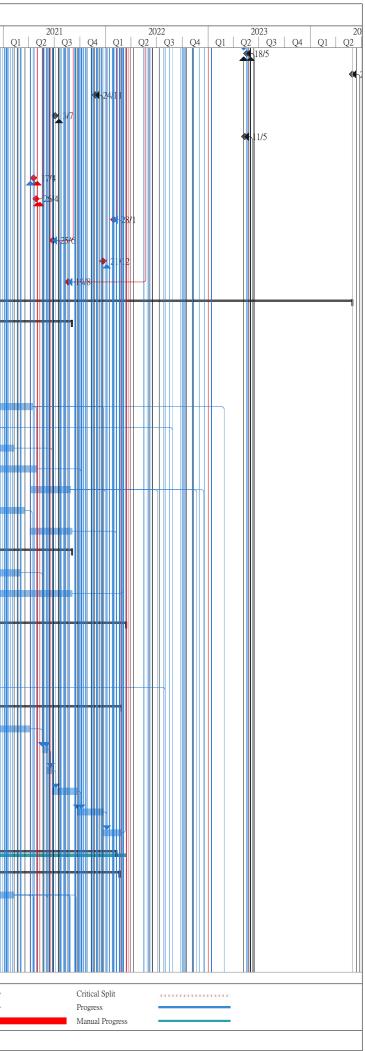
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	ask Name		ion Actual Duration		Physical % Complete	Early Start			rt Actual Fini		Late Finish	Total Slack	TRA	Predecessors	Q2	2020
620	Submit & endorse by PM and Statutory Authorities/Gov. Dept	63 day	ys 0 days	63 days	0%	Thu 20/8/20	Wed 21/10/20	NA	NA	Mon 21/9/20	Sun 22/11/20	32 days	3 days	619		
621	AIP for Cladding Design of Landscape Deck, Lifts and associat	ted Works (Final) 52 day	ys 0 days	52 days	0%	Thu 22/10/20	Sat 12/12/20	NA	NA	Mon 23/11/20	Wed 13/1/21	32 days	2 days	619,620		
622	DDA for Cladding Design of Landscape Deck, Lifts and associ	ated Works (Draft) 61 day	ys 0 days	61 days	0%	Thu 12/11/20	Mon 11/1/21	NA	NA	Mon 14/12/20	Fri 12/2/21	32 days	1 day	619,621FF+30 days		
623	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 day	ys 0 days	60 days	0%	Tue 12/1/21	Fri 12/3/21	NA	NA	Sat 13/2/21	Tue 13/4/21	32 days	1 day	622		
624	DDA for Cladding Design of Landscape Deck, Lifts and associ	ated Works (Final) 21 day	ys 0 days	21 days	0%	Sat 13/3/21	Fri 2/4/21	NA	NA	Wed 14/4/21	Tue 4/5/21	32 days	1 day	621FF,622,623		
625	Submit & endorse by PM and Statutory Authorities/Gov. Dept	62 day	ys 0 days	62 days	0%	Sat 3/4/21	Thu 3/6/21	NA	NA	Wed 5/5/21	Mon 5/7/21	32 days	2 days	624		
626	AIP for Balustrade and Railing of Promenade, Open Space and	Assocated Works 30 day	ys 0 days	30 days	0%	Sat 1/8/20	Sun 30/8/20	NA	NA	Tue 29/9/20	Wed 28/10/20	59 days	1 day			
627	(Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 day	ys 0 days	60 days	0%	Mon 31/8/20	Thu 29/10/20	NA	NA	Thu 29/10/20	Sun 27/12/20	59 days	1 day	626		
528	AIP for Balustrade and Railing of Promenade, Open Space and	Assocated Works 25 day	ys 0 days	25 days	0%	Fri 30/10/20	Mon 23/11/20	NA	NA	Mon 28/12/20	Thu 21/1/21	59 days	0.5 days	626,627		
529	(Final) DDA for Balustrade and Railing of Promenade, Open Space an	d Assocated Works 50 day	ys 0 days	50 days	0%	Wed 4/11/20	Wed 23/12/20	NA	NA	Sat 2/1/21	Sat 20/2/21	59 days	1 day	626,628FF+30		
530	(Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 day	ys 0 days	60 days	0%	Thu 24/12/20	Sun 21/2/21	NA	NA	Sun 21/2/21	Wed 21/4/21	59 days	0 days	days 629		
631	DDA for Balustrade and Railing of Promenade, Open Space an	d Assocated Works 15 day	vs 0 davs	15 days	0%	Mon 22/2/21	Mon 8/3/21	NA	NA	Thu 22/4/21	Thu 6/5/21	59 days	1 dav	628,629,630		
632	(Final) Submit & endorse by PM and Statutory Authorities/Gov. Dept		ys 0 days	60 days	0%	Tue 9/3/21		NA	NA	Fri 7/5/21	Mon 5/7/21	59 days		631		
533	Prepare AIP for Permanent Building Works (i.e. Ampitheater, Toilet Block, Light Refreshment Kiosk, Refuse Collection Blo Building Blocks) and ICE certification (Draft)	Observation Tower, 60 day		60 days	0%	Wed 29/7/20		NA	NA	Thu 20/8/20	Sun 18/10/20	22 days		149FF+7 days		
34	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 day	ys 0 days	60 days	0%	Sun 27/9/20	Wed 25/11/20	NA	NA	Tue 3/11/20	Fri 1/1/21	37 davs	0.5 days	633		
635	Prepare AIP for Permanent Building Works (i.e.Ampitheater, (			30 days	0%		Fri 25/12/20		NA	Sat 2/1/21	Sun 31/1/21	37 days		633,634		
	Toilet Block, Light Refreshment Kiosk, Refuse Collection Blo Building Blocks) and ICE certification (Final)	ck, Back of House														
536	Prepare DDA for Permanent Building Works (i.e. Ampitheater Toilet Block, Light Refreshment Kiosk, Refuse Collection Blo Building Blocks) and ICE certification (Draft)		ays 0 days	100 days	0%	Fri 2/10/20	Sat 9/1/21	NA	NA	Sun 8/11/20	Mon 15/2/21	37 days	1 day	633,635FF+15 days,151FF+15 days		
37	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 day	ys 0 days	75 days	0%	Sun 10/1/21	Thu 25/3/21	NA	NA	Tue 16/2/21	Sat 1/5/21	37 days	0.5 days	635,636		
538	Prepare DDA for Permanent Building Works (i.e. Ampitheater Toilet Block, Light Refreshment Kiosk, Refuse Collection Blo Building Blocks) nd ICE certification (Final)		ys 0 days	30 days	0%	Fri 26/3/21	Sat 24/4/21	NA	NA	Sun 2/5/21	Mon 31/5/21	37 days	0 days	637		
539	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 day	ys 0 days	75 days	0%	Sun 25/4/21	Thu 8/7/21	NA	NA	Tue 1/6/21	Sat 14/8/21	37 days	0.5 days	635,636,638		
540	Prepare AIP for Permanent Building E&M Works (i.e. Ampithe Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collect House Building Blocks) and ICE certification (Draft)	eater, Observation 75 day tion Block, Back of	ys 0 days	75 days	0%	Tue 14/7/20	Sat 26/9/20	NA	NA	Wed 5/8/20	Sun 18/10/20	22 days	1 day	149FF+7 days		
541	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 day	ys 0 days	60 days	0%	Sun 27/9/20	Wed 25/11/20	NA	NA	Mon 19/10/20	Thu 17/12/20	22 days	0.5 days	640		
642	Prepare AIP for Permanent Building E&M Works (i.e. Observ Block, Light Refreshment Kiosk, Refuse Collection Block, Ba Blocks) and ICE certification (Final)	ation Tower, Toilet 30 day ck of House Building	ys 0 days	30 days	0%	Thu 26/11/20	Fri 25/12/20	NA	NA	Fri 18/12/20	Sat 16/1/21	22 days	0 days	640,641		
643	Prepare DDA for Permanent Building E&M Works (i.e.Ampit Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collect House Building Blocks) and ICE (Include E&M Provision Wo (Draft)	tion Block, Back of	ays 0 days	120 days	0%	Sun 27/9/20	Sun 24/1/21	NA	NA	Mon 19/10/20	Mon 15/2/21	22 days	1 day	640,642FF+30 days,151FF+15 days		
544	Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 day	ys 0 days	60 days	0%	Mon 25/1/21	Thu 25/3/21	NA	NA	Tue 16/2/21	Fri 16/4/21	22 days	0.5 days	642,643		
645	Prepare DDA for Permanent Building E&M Works (i.e. Ampi Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collect House Building Blocks) nd ICE certification (Final)		ys 0 days	30 days	0%	Fri 26/3/21	Sat 24/4/21	NA	NA	Sat 17/4/21	Sun 16/5/21	22 days	0 days	644		
546	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 day	ys 0 days	90 days	0%	Sun 25/4/21	Fri 23/7/21	NA	NA	Mon 17/5/21	Sat 14/8/21	22 days	0.5 days	642,643,645		
647	Prepare AIP for Temporary Building Works (i.e. temporary ma toilet blocks) and ICE certification (Draft)	nagement office and 75 day	ys 0 days	75 days	0%	Mon 3/8/20	Fri 16/10/20	NA	NA	Thu 20/8/20	Mon 2/11/20	17 days	1 day	149FF+7 days		
548	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 day	ys 0 days	75 days	0%	Sat 17/10/20	Wed 30/12/20	NA	NA	Tue 3/11/20	Sat 16/1/21	17 days	0 days	647		
649	Prepare AIP for Temporary Building Works (i.e. temporary matoilet blocks) and ICE certification (Final)	anagement office and 30 day	ys 0 days	30 days	0%	Thu 31/12/20	Fri 29/1/21	NA	NA	Sun 17/1/21	Mon 15/2/21	17 days	0 days	633,634,648,640		
550	Prepare DDA for AIP for Temporary Building Works (i.e. temp office and toilet blocks) and ICE (Include E&M Provision Wor certification (Draft)	ks) and ICE	ays 0 days	150 days	0%	Fri 2/10/20	Sun 28/2/21		NA	Mon 19/10/20	Wed 17/3/21	17 days		633,640,649FF+ days,151FF+15 days		
551	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 day	ys 0 days	75 days	0%	Mon 1/3/21	Fri 14/5/21	NA	NA	Thu 18/3/21	Mon 31/5/21	17 days	0.5 days	649,650		
552	Prepare DDA for AIP for Temporary Building Works (i.e. tem office and toilet blocks) and ICE (Final)			30 days	0%	Sat 15/5/21	Sun 13/6/21		NA	Tue 1/6/21	Wed 30/6/21	17 days		651		
653	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 day	ys 0 days	90 days	0%	Mon 14/6/21	Sat 11/9/21	NA	NA	Thu 1/7/21	Tue 28/9/21	17 days	0 days	652		
itle Por	v.11 Prog with Progress	Summar	īy		Inactive N	Milestone 🔷		Duratio	n-only		Start-only		C	Exte	mal Mi	il
	-May-20 Split	Project S		1	Inactive S	-			Summary Rollup		Finish-only		3		dline	
	Milestone 🔶	Inactive	Task		Manual T	Fask 🛛		Manual	Summary		External Tas	ks		Criti	cal	



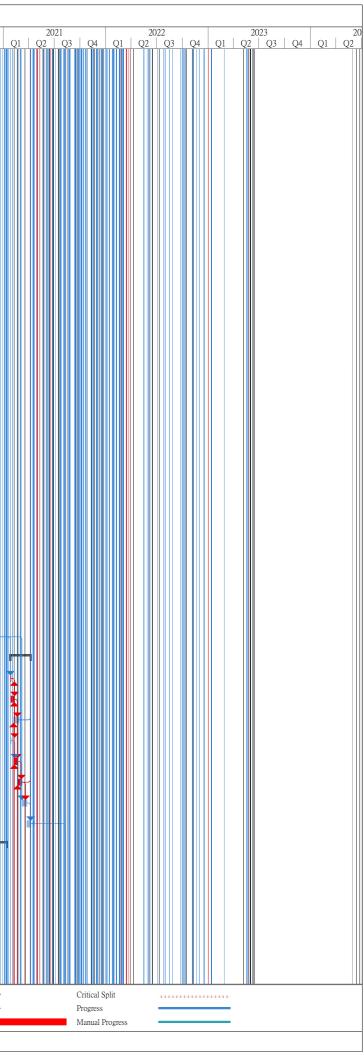
) ]	'ask Name	Duration	Actual	Remaining	Physical %	Early Start	Early Finish	Actual Start		, , , , , , , , , , , , , , , , , , ,	Late Finish	Total TRA	Predecessors	202	20
654			Duration	Duration	Complete							Slack		Q2	
654	Prepare AIP for Temporary Building E&M Works (i.e. temporary management office and toilet blocks) and ICE certification (Draft)	75 days	0 days	75 days	0%	Mon 3/8/20	Fri 16/10/20	NA	NA	Thu 20/8/20	Mon 2/11/20	17 days 1 day	149FF+7 days		
555	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Sat 17/10/20	Wed 30/12/20	NA	NA	Tue 3/11/20	Sat 16/1/21	17 days 0 days	654		
56	Prepare AIP for Temporary Building E&M Works (i.e. temporary management office and toilet blocks) and ICE certification (Final)	30 days	0 days	30 days	0%	Thu 31/12/20	Fri 29/1/21	NA	NA	Sun 17/1/21	Mon 15/2/21	17 days 0 days	655,633,634,640		
57	Prepare DDA for AIP for Temporary Building E&M Works (i.e. temporary management office and toilet blocks) and ICE (Include E&M Provision Works) and ICE certification (Draft)	150 days	0 days	150 days	0%	Fri 2/10/20	Sun 28/2/21	NA	NA	Mon 19/10/20	Wed 17/3/21	17 days 1 day	633,640,656FF+ days,151FF+15 days		
58	Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Mon 1/3/21	Fri 14/5/21	NA	NA	Thu 18/3/21	Mon 31/5/21	17 days 0.5 day	s 656,657		
59	Prepare DDA for AIP for Temporary Building E&M Works (i.e. temporary management office and toilet blocks) and ICE (Final)	30 days	0 days	30 days	0%	Sat 15/5/21	Sun 13/6/21	NA	NA	Tue 1/6/21	Wed 30/6/21	17 days 0 days	658		
0	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Mon 14/6/21	Sat 11/9/21	NA	NA	Thu 1/7/21	Tue 28/9/21	17 days 0 days	659		
1	Landscaping and Irrigation works	858 days	23.33 days	834.67 days	0%	Wed 1/4/20	Sat 6/8/22	Wed 1/4/20	NA	Wed 1/4/20	Sun 23/10/22	78 days		<b>_</b>	₩
2	Prepare AIP for Roadside Landscaping Softworks and ICE certification (Draft)	38 days	38 days	0 days	100%	Wed 1/4/20	Fri 8/5/20	Wed 1/4/20	Fri 8/5/20	Wed 1/4/20	Fri 8/5/20	0 days 1 day			
3	Submit & endorse by PM and Statutory Authorities/Gov. Dept	113 days	13 days	100 days	12%	Sat 9/5/20	Sat 29/8/20	Sat 9/5/20	NA	Sat 9/5/20	Mon 20/9/21	387 days 0.5 day	s 662		
54	Prepare AIP for roadside landscaping softworks and ICE certification (Final)	30 days	0 days	30 days	0%	Sun 30/8/20	Mon 28/9/20	NA	NA	Tue 21/9/21	Wed 20/10/21	387 days 0 days	662,663		
55	Prepare DDA for Roadside Landscaping Softworks and ICE certification (Draft)	95 days	0 days	95 days	0%	Sun 26/7/20	Wed 28/10/20	NA	NA	Tue 17/8/21	Fri 19/11/21	387 days 1 day	662,664FF+30		₩
56	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days		90 days	0%	Thu 29/10/20	Tue 26/1/21		NA	Sat 20/11/21	Thu 17/2/22	387 days 0.5 day	days s 665		
67	Prepare DDA for Roadside Landscaping Softworks and ICE certification (Final)	30 days		30 days	0%	Wed 27/1/21	Thu 25/2/21	NA	NA	Fri 18/2/22	Sat 19/3/22	387 days 0 days	666,664FF+15		
58	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	0 days	90 days	0%	Fri 26/2/21	Wed 26/5/21	NA	NA	Sun 20/3/22	Fri 17/6/22	387 days 0 days	days 667		
59	Prepare AIP for irrigation system for all landscaping works and ICE certification	60 days	0 days	60 days	0%	Tue 13/7/21	Fri 10/9/21	NA	NA	Wed 29/9/21	Sat 27/11/21	78 days 1 day			
70	(Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Sat 11/9/21	Wed 24/11/21	NA	NA	Sun 28/11/21	Thu 10/2/22	78 days 0.5 day	s 669		
1	Prepare AIP for irrigation system for all landscaping works and ICE certification	60 days	0 days	60 days	0%	Thu 25/11/21	Sun 23/1/22	NA	NA	Fri 11/2/22	Mon 11/4/22	78 days 0 days	669,670		
2	(Final) Prepare DDA for irrigation system for all landscaping works and ICE certification	90 days	0 days	90 days	0%	Thu 25/11/21	Tue 22/2/22	NA	NA	Fri 11/2/22	Wed 11/5/22	78 days 1 day	669,671FF+30		
3	(Draft) Submit & endorse by PM and Statutory Authorities/Gov. Dept	60 days	0 days	60 days	0%	Wed 23/2/22	Sat 23/4/22	NA	NA	Thu 12/5/22	Sun 10/7/22	78 days 0.5 day	days s 672		
74	Prepare DDA for irrigation system for all landscaping works and ICE certification	30 days	0 days	30 days	0%	Sun 24/4/22	Mon 23/5/22	NA	NA	Mon 11/7/22	Tue 9/8/22	78 days 0 days	673,671FF+15		
75	(Final) Submit & endorse by PM and Statutory Authorities/Gov. Dept	75 days	0 days	75 days	0%	Tue 24/5/22	Sat 6/8/22	NA	NA	Wed 10/8/22	Sun 23/10/22	78 days 0 days	days 674		
6	Prepare AIP for Soft Landscaping works and ICE certification (Draft)	45 days	-	45 days	0%	Mon 12/4/21	Wed 26/5/21	NA	NA	Tue 14/9/21	Thu 28/10/21	155 days 1 day			
7	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days		90 days	0%	Thu 27/5/21	Tue 24/8/21		NA	Fri 29/10/21	Wed 26/1/22	155 days 0.5 day	s 676		
8	Prepare AIP for soft landscaping and ICE certification (Final)	30 days		30 days	0%	Wed 25/8/21	Thu 23/9/21	NA	NA	Thu 27/1/22	Fri 25/2/22	155 days 0 days	676,677		
9	Prepare DDA for Soft Landscaping and ICE certification (Draft)	95 days	0 days	95 days	0%	Wed 21/7/21	Sat 23/10/21	NA	NA	Thu 23/12/21	Sun 27/3/22	155 days 1 day	676,678FF+30		
0	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	0 davs	90 days	0%	Sun 24/10/21		NA	NA	Mon 28/3/22	Sat 25/6/22	155 days 0.5 day	days s 679		
31	Prepare DDA for Soft Landscaping and ICE certification (Final)	30 days		30 days	0%	Sat 22/1/22		NA	NA	Sun 26/6/22	Mon 25/7/22	155 days 0 days	678FF+15		
32	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days		90 days	0%	Mon 21/2/22	Sat 21/5/22	NA	NA	Tue 26/7/22	Sun 23/10/22	155 days 0 days	days,680 681		
83	Prepare AIP for Hard Landscaping and ICE certification (Draft)	45 days		45 days	0%	Mon 12/4/21	Wed 26/5/21		NA	Tue 14/9/21	Thu 28/10/21	155 days 1 day			
84	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days		90 days	0%	Thu 27/5/21	Tue 24/8/21		NA	Fri 29/10/21	Wed 26/1/22	155 days 0.5 day	s 683		
685	Prepare AIP for Hard landscaping and ICE certification (Final)	30 days		30 days	0%	Wed 25/8/21	Thu 23/9/21		NA	Thu 27/1/22	Fri 25/2/22	155 days 0 days	683,684		
586	Prepare DDA for Hard Landscaping and ICE certification (Draft)	95 days		95 days	0%	Wed 21/7/21	Sat 23/10/21		NA	Thu 23/12/21	Sun 27/3/22	155 days 1 day	683,685FF+30		
687	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days	-	90 days	0%	Sun 24/10/21		NA	NA	Mon 28/3/22	Sat 25/6/22	155 days 0.5 day	days		
588	Prepare DDA for Hard Landscaping and ICE certification (Final)	30 days		30 days	0%	Sat 22/1/22	Sun 20/2/22		NA	Sun 26/6/22	Mon 25/7/22	155 days 0 days	685FF+15		
589	Submit & endorse by PM and Statutory Authorities/Gov. Dept	90 days		90 days	0%	Mon 21/2/22	Sat 21/5/22		NA	Tue 26/7/22	Sun 23/10/22	155 days 0 days	days,687 688		
	Work Stage/ Phase - Planned Completion	1387 days		1387 days	0%	Tue 11/8/20	Wed 29/5/24		NA	Fri 7/8/20	Wed 29/5/24	-4 days			
91	Section 1		0 days	0 days	0%	Mon 14/3/22	Mon 14/3/22		NA	Tue 1/3/22	Tue 1/3/22	-4 days -13 days 0 days	1105FF,1438,73		
92	Section 1		0 days	0 days	0%	Wed 2/6/21	Wed 2/6/21		NA	Wed 2/6/21	Wed 2/6/21	0 days 0 days	1103FF,1438,75.		
92	Section 2 Section 3	-	0 days	0 days	0%	Tue 26/10/21	Tue 26/10/21		NA	Tue 2/11/21	Tue 2/11/21	7 days 0 days	1127 1172FF		
93	Section 5		0 days	0 days	0%	Wed 17/5/23	Wed 17/5/23		NA	Tue 30/5/23	Tue 30/5/23	13 days 0 days	1172FF 1133FF		
			-		0%										
595	Section 5	0 days	0 days	0 days	0%	Sat 3/7/21	Sat 3/7/21	NA	NA	Mon 5/7/21	Mon 5/7/21	2 days 0 days	1222		
tlo. D -	v.11 Prog with Progress	Summary		<b></b>	Inactive N	Ailestone 🔷		Duration-on	ly		Start-only	C	Exte	mal Mile	estone
	2-May-20	Project Sum		1	Inactive S	Summary			nmary Rollup		Finish-only	J	Dead		
	Milestone	Inactive Tasl	k		Manual T	ask		Manual Sun	nmary		External Task	IS	Criti	cal	



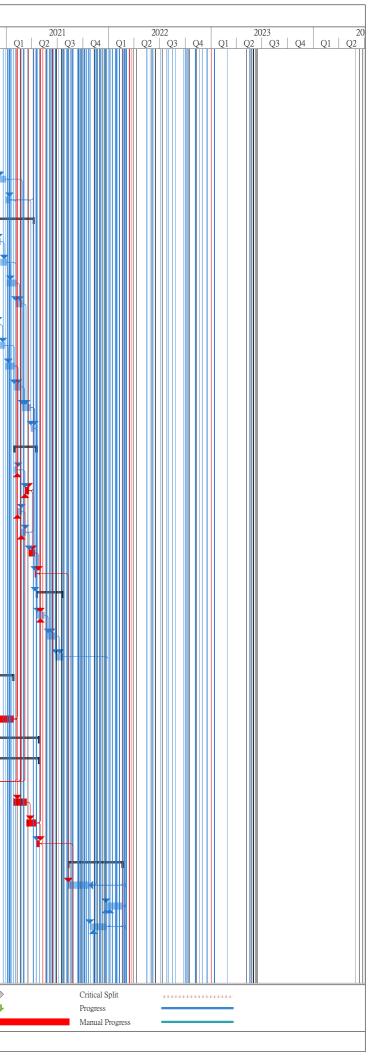
-	Task Name		Duration	Actual	Remaining	Physical %	Early Start		tract No. ED/	Actual Finish		Late Finish	Total	TRA	Predecessors	202	00	_
				Duration	Duration	Complete							Slack					
696	Section 6		0 days	0 days	0 days	0%	Thu 18/5/23	Thu 18/5/23		NA	Tue 30/5/23	Tue 30/5/23	12 days	0 days	1357FF,1546FF,			
597	Section 7		0 days	0 days	0 days	0%	Wed 29/5/24	Wed 29/5/24	NA	NA	Wed 29/5/24	Wed 29/5/24	0 days	0 days	1549FF			
598	Section 8		0 days	0 days	0 days	0%	Wed 24/11/21	Wed 24/11/21	NA	NA	Thu 2/12/21	Thu 2/12/21	8 days	0 days	1144FF			
599	Section 9		0 days	0 days	0 days	0%	Sat 3/7/21	Sat 3/7/21	NA	NA	Mon 5/7/21	Mon 5/7/21	2 days	0 days	1222			
700	Section 10		0 days	0 days	0 days	0%	Thu 11/5/23	Thu 11/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	19 days	0 days	1559FF			
701	KD1		0 days	0 days	0 days	0%	Tue 11/8/20	Tue 11/8/20	NA	NA	Fri 7/8/20	Fri 7/8/20	-4 days	0 days	758			11/
702	KD2		0 days	0 days	0 days	0%	Sat 17/4/21	Sat 17/4/21	NA	NA	Sun 18/4/21	Sun 18/4/21	1 day	0 days	791,821,771,774			
703	KD3		0 days	0 days	0 days	0%	Mon 26/4/21	Mon 26/4/21	NA	NA	Tue 1/6/21	Tue 1/6/21	36 days	0 days	822,821			
704	KD4		0 days	0 days	0 days	0%	Fri 28/1/22	Fri 28/1/22	NA	NA	Mon 31/1/22	Mon 31/1/22	3 days	0 days	1255FF			
705	KD5		0 days	0 days	0 days	0%	Fri 25/6/21	Fri 25/6/21	NA	NA	Fri 17/9/21	Fri 17/9/21	84 days	0 days	1252FF			
706	KD6		0 days	0 days	0 days	0%	Tue 21/12/21	Tue 21/12/21	NA	NA	Wed 29/12/21	Wed 29/12/21	8 days	0 days	883			
707	KD7		0 days	0 days	0 days	0%	Thu 19/8/21	Thu 19/8/21	NA	NA	Fri 3/6/22	Fri 3/6/22	288 days	0 days	1254FF			
708	Construction Works		1499 day	\$75.67 days	1423.33 days?	0%	Thu 16/5/19	Wed 29/5/24	Thu 16/5/19	NA	Thu 16/5/19	Wed 29/5/24	0 days?				╨	_
709	Procurement of Materials and Equipm	ents		12.7 days	602.3 days	0%	Thu 8/8/19	Wed 1/9/21	Thu 8/8/19	NA	Thu 8/8/19	Tue 22/2/22	140 days				╨	
10	Office Accommodation		21 days		0 days	100%	Thu 8/8/19	Fri 20/12/19	Thu 8/8/19	Fri 20/12/19		Fri 20/12/19	0 days					
711	Lift Submission Preparation		15 days		15 days	0%	Sat 12/9/20		NA	NA	Wed 23/9/20	Wed 7/10/20		0.5 days	173			ļ
	-				-									_				
/12	Lift Comment & Approval		21 days		21 days	0%	Sun 27/9/20	Sat 17/10/20		NA	Thu 8/10/20	Wed 28/10/20		0.5 days				
13	Lifts ((5 nos)		180 days		180 days	0%	Sun 18/10/20	Thu 15/4/21		NA	Thu 29/10/20	Mon 26/4/21			712			
14	Pumps for Pump Room next to Un		150 days		150 days	0%	Sat 23/5/20	Thu 19/11/20		NA	Wed 8/7/20	Tue 5/1/21		30 days				
15	Elevated landscape deck soffit pane	els	120 days	0 days	120 days	0%	Mon 14/9/20	Sat 6/2/21	NA	NA	Thu 4/2/21	Mon 5/7/21	117 days	30 days				
16	Underpass & Depressed Rd - facad	es	120 days	0 days	120 days	0%	Tue 1/12/20	Thu 29/4/21	NA	NA	Wed 12/5/21	Mon 4/10/21	129 days	30 days				
17	E & M equipment & fittings (for C	pen space & Promenade)	120 days	0 days	120 days	0%	Tue 6/4/21	Fri 27/8/21	NA	NA	Mon 27/9/21	Tue 22/2/22	144 days	30 days				
/18	Bridge Parapet Fabrication		120 days	0 days	120 days	0%	Mon 16/11/20	Mon 15/3/21	NA	NA	Wed 26/5/21	Wed 22/9/21	191 days	30 days				
/19	Pumps for Salt and Sewage Pumpin	ng Stations	150 days	0 days	150 days	0%	Mon 5/4/21	Wed 1/9/21	NA	NA	Sun 19/9/21	Tue 15/2/22	167 days	30 days				
20	Excavation Permit		300 days	0 days	300 days	0%	Mon 31/8/20	Thu 2/9/21	NA	NA	Mon 23/11/20	Tue 1/3/22	69 days					1
21	TTA Application for Junction Mod	ification Rd L6 & D2	182 days	0 days	182 days	0%	Tue 1/9/20	Mon 1/3/21	NA	NA	Mon 23/11/20	Sun 23/5/21	83 days	2 days				4
22	Interfaced DCS 3 x DN150mm chi 4 nos. of signaling cable along Nor	lled water pipes under contract no. 2852EM17A and th Approach Ramp and Gate 3B (Agreed)	368 days	0 days	368 days	0%	Mon 31/8/20	Thu 2/9/21	NA	NA	Sat 27/2/21	Tue 1/3/22	180 days	3 day				1
23	Section 1		842 days	107.17 days	734.83 days	0%	Thu 16/5/19	Mon 14/3/22	Thu 16/5/19	NA	Thu 16/5/19	Wed 29/5/24	657 days			+	-++++	+
24	Agree Interface Coordination Plan	with CKR & KTSP	14 days	14 days	0 days	100%	Tue 27/8/19	Wed 11/9/19	Tue 27/8/19	Wed 11/9/19	Tue 27/8/19	Wed 11/9/19	0 days	0 days	1225,1226			
25	Ground Investigation		341 days	193.02 days	147.98 days	0%	Thu 12/9/19	Thu 5/11/20	Thu 12/9/19	NA	Thu 12/9/19	Sat 13/8/22	526 days			-		+
26	GI Work		318 days	180 days	138 days	57%	Thu 12/9/19	Thu 5/11/20	Thu 12/9/19	NA	Thu 12/9/19	Sat 13/8/22	526 days	0.5 days	724			
27	Part 1 - Junction Modification Rd I	.6 & D2	414 days	0 days	414 days	0%	Mon 5/10/20	Fri 25/2/22	NA	NA	Mon 23/11/20	Tue 1/3/22	3 days					
28	XP Application for Junction Mo	dification Rd L6 & D2	182 days	0 days	182 days	0%	Mon 5/10/20	Sun 4/4/21	NA	NA	Mon 23/11/20	Sun 23/5/21	49 days	1 day				
29	Stage 1: Trial Pit to locate the e	xisting underground cables and utilities	14 days	0 days	14 days	0%	Thu 20/5/21	Fri 4/6/21	NA	NA	Mon 24/5/21	Tue 8/6/21	3 days	1 day	141,375,721,728			
0	-	xisting underground cables and utilities	14 days	-	14 days	0%	Sat 5/6/21		NA	NA	Wed 9/6/21	Fri 25/6/21	3 days	1 day	729			
31	-	rb Modification + Road Marking	76 days		76 days	0%	Wed 23/6/21	Mon 20/9/21		NA	Sat 26/6/21	Fri 24/9/21	3 days	1 day	730			
32	Stage 4: TTA for Central Divid	-	76 days	-	76 days	0%	Tue 21/9/21	Tue 21/12/21		NA	Sat 25/9/21	Fri 24/12/21	3 days	1 day	731,113			
33	Stage 5: Construct 2 Dividers		51 days		51 days	0%	Wed 22/12/21		NA	NA	Tue 28/12/21	Tue 1/3/22	3 days	1 day	732			
34	_		-	-	-										132			
	Bridge D3 (Approach Ramp and B	ndge) CH1087-1444.7	-	91.74 days	720.26 days	0%	Thu 16/5/19	Mon 7/2/22	Thu 16/5/19		Mon 11/11/19	Wed 29/5/24	687 days					l
5	North Approach Ramp		-	66.85 days	569.15 days	0%	Wed 25/12/19		Wed 25/12/19		Wed 25/12/19	Tue 1/3/22	9 days				T	Ī
6	Procurement of Movement J	oints for Bridge Works	180 days	0 days	180 days	0%	Tue 11/8/20	Sat 6/2/21	NA	NA	Fri 9/10/20	Tue 6/4/21	59 days	30 days	194,220			1
7	Sheetpile Driven along Nort long)	h, Sourth & East Side ELS Cofferdam (assume 169	4 days	4 days	0 days	100%	Tue 14/1/20	Fri 17/1/20	Tue 14/1/20	Fri 17/1/20	Tue 14/1/20	Fri 17/1/20	0 days	0.5 day				
38	KTSP Completed Driven H-	pile Installation	41 days	41 days	0 days	100%	Wed 25/12/19	Mon 3/2/20	Wed 25/12/19	Mon 3/2/20	Wed 25/12/19	Mon 3/2/20	0 days					
9	Hoarding Removal along KT	SP Site	5 days	5 days	0 days	100%	Tue 4/2/20	Sat 8/2/20	Tue 4/2/20	Sat 8/2/20	Tue 4/2/20	Sat 8/2/20	0 days	0.5 day	738			
		Task	Summarv	-		Inactive N	filestone A		Duration-on	Iv		Start-only		Г	Evt-	mal Mile	estor-	_
	ev.11 Prog with Progress		Summary Project Sum	imary	•	Inactive N				nmary Rollup 🗖		Finish-only		3	Exter		SUIL	
OT J	2-May-20	Milestone 🔶	Inactive Tas			Manual T			Manual Sun			External Task				cal		



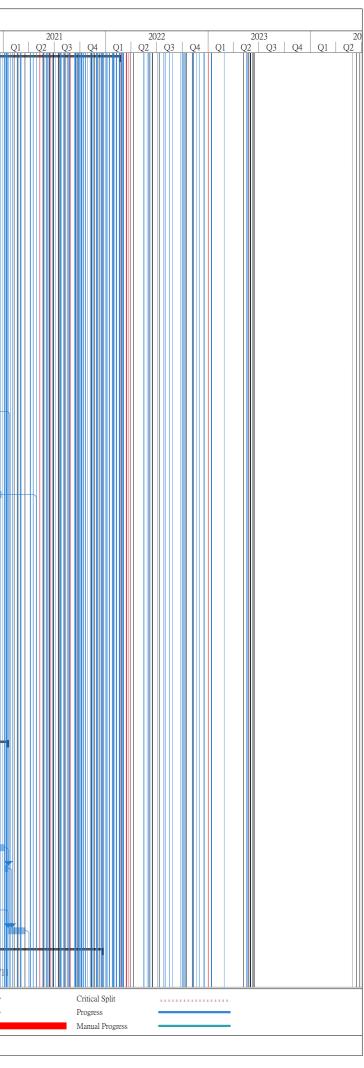
D Ta	ask Name		Duration	Actual	Remaining	Physical %	Early Start		Actual Start	2018/01 KT		Late Finish	Total	TRA	Predecessors	202
		ELS Coffordom (commo 105m 1-m-)		Duration	Duration	Complete				Wed 19/2/20			Slack 0 days	0.5 day		Q2
740		ern ELS Cofferdam (assume 105m long)		8 days	0 days	100%	Tue 11/2/20		Tue 11/2/20			Wed 19/2/20			737,739	
741	Excavation with Shoring and include Sand Raplacemnet Te	l Waling Installation with Rock Fill Replacement est with PWRL for KD1	44 days	44 days	0 days	100%	Thu 20/2/20	Wed 15/4/20	Thu 20/2/20	Wed 15/4/20	Thu 20/2/20	Wed 15/4/20	0 days	1 day		
742	Remaining Excavation with S Replacement include Sand Ra	Shoring and Waling Installation with Rock Fill aplacemnet Test with PWRL	37 days	0 days	37 days	0%	Tue 6/10/20	Wed 18/11/20	NA	NA	Tue 13/10/20	Wed 25/11/20	6 days	2 days	741,761	
743	North Approach Ramp (Bays	No.2,3,4&5) (Next to BEM) (KD1)	106 days	34.01 days	71.99 days	0%	Wed 1/4/20	Tue 11/8/20	Wed 1/4/20	NA	Wed 1/4/20	Fri 7/8/20	-3 days			
744	Bay No.3 Base Slab with	Blinding (1)+(2)	15 days	15 days	0 days	100%	Wed 1/4/20	Wed 22/4/20	Wed 1/4/20	Wed 22/4/20	Wed 1/4/20	Wed 22/4/20	0 days	0.5 days	741SS+35 days	
745	Bay No.3: Wall & Column	n with Soffit (upto +4.6mPD) (include Wall Former)	42 days	22 days	20 days	45%	Wed 22/4/20	Thu 11/6/20	Wed 22/4/20	NA	Wed 22/4/20	Thu 11/6/20	-3 days		744	
746	May 2020 Inclement Wea	ther	3 days	0 days	3 days	0%	Fri 12/6/20	Mon 15/6/20	NA	NA	Tue 9/6/20	Thu 11/6/20	-3 days		745,74SS	
747		in Casted and Formwork & Falsework upto Soffit of	15 days	0 days	15 days	0%	Tue 16/6/20	Sat 4/7/20	NA	NA	Fri 12/6/20	Tue 30/6/20	-3 days	1 day	745,746	
748	Top Slab(6)+(7) Bay No. 3: Top Slab Cons	struction with Formwork & Falsework Erection(8)	12 days	0 days	12 days	0%	Mon 6/7/20	Sat 18/7/20	NA	NA	Thu 2/7/20	Wed 15/7/20	-3 days	1 day	747	
749	Bay No.2 Base Slab with	Blinding (1)+(2)	11 days	11 days	0 days	100%	Tue 28/4/20	Tue 12/5/20	Tue 28/4/20	Tue 12/5/20	Tue 28/4/20	Tue 12/5/20	0 days	1 day	741FS+2 days	
750		n with Soffit (upto +4.6mPD) (include Wall Former)	23 days	6 days	17 days	25%	Sat 16/5/20	Thu 11/6/20	Sat 16/5/20	NA	Sat 16/5/20	Thu 11/6/20	-1 day	1 day	749	
751	(3)+(4)+(5) Bay No. 2: Wall & Colum	nn Casted and Formwork & Falsework upto Soffit of	18 days	0 days	18 days	0%	Fri 12/6/20	Sat 4/7/20	NA	NA	Thu 11/6/20	Fri 3/7/20	-1 day	1 day	750	
752	Top Slab (6)+(7) Bay No. 2: Top Slab Cons	struction with Formwork & Falsework Erection(8)	12 days	0 days	12 days	0%	Wed 8/7/20	Tue 21/7/20	NA	NA	Sat 4/7/20	Fri 17/7/20	-3 days	1 day	751,748FF+2	
753	Bay No.4 Base Slab with		15 days		0 days	100%	Wed 1/4/20		Wed 1/4/20	Wed 13/5/20		Wed 13/5/20	0 days	1 day	days 741SS+35 days	
754	·	n with Soffit (upto +4.6mPD) (include Wall Former)	-	-	14 days	36%	Thu 14/5/20	Tue 9/6/20		NA	Thu 14/5/20	Tue 9/6/20	-3 days		753,7508S+7	
755	(3)+(4)+(5)	in Casted and Formwork & Falsework upto Soffit of			20 days	0%	Wed 10/6/20		NA		Sat 6/6/20	Tue 30/6/20	-3 days		days 754	
756	Top Slab (6)+(7)	struction with Formwork & Falsework Erection (8)	-	-	14 days	0%	Mon 6/7/20		NA		Thu 2/7/20	Fri 17/7/20	-3 days		755,751SS+4	
757	Backfill (9)	and the second of the second (0)	14 days		14 days	0%	Wed 22/7/20		NA		Sat 18/7/20	Fri 31/7/20	-3 days		days 756,752,748	
758		Road Reinstatement (10) (KD1)		0 days	6 days	0%	Wed 5/8/20		NA		Sat 1/8/20	Fri 7/8/20	-3 days	-		
759	North Approach Ramp (Bays		92 days		92 days	0%	Mon 24/8/20	Mon 23/11/20		NA	Thu 27/8/20	Thu 17/12/20	3 days	0.5 days	151	
			-											1	740 75200 14 1-	
760	Bay No.5 Base Slab with		-	0 days	8 days	0%	Thu 10/9/20		NA		Mon 14/9/20	Tue 22/9/20	3 days	1 day	749,753SS+4 day	
761	(3+4+5)	n with Soffit (upto +4.6mPD) (include Wall Former)			12 days	0%	Sat 19/9/20	Mon 5/10/20		NA	Wed 23/9/20	Thu 8/10/20	3 days	1 day	760	
762	Top Slab (6)+(7)	in Casted and Formwork & Falsework upto Soffit of	-	-	20 days	0%	Tue 6/10/20	Thu 29/10/20		NA	Fri 9/10/20	Mon 2/11/20	3 days	1 day	761,755SS+4 days	
763	Removal (8)	struction with Formwork & Falsework Erection &	-		12 days	0%	Fri 30/10/20	Thu 12/11/20			Tue 3/11/20	Mon 16/11/20	3 days	1 day	762,227FF	
764	Bay No.6 Base Slab with		15 days	-	15 days	0%	Mon 24/8/20	Wed 9/9/20		NA	Thu 27/8/20	Sat 12/9/20	3 days	1 day	741SS+35 days	
765	(3)+(4)+(5)	n with Soffit (upto +4.6mPD) (include Wall Former)			17 days	0%		Tue 29/9/20							764	
766	Top Slab(6)+(7)	in Casted and Formwork & Falsework upto Soffit of	-	-	27 days	0%	Wed 30/9/20	Tue 3/11/20		NA	Wed 28/10/20	Fri 27/11/20	21 days	1 day	765	
767	Bay No. 6: Top Slab Cons Removal (8)	struction with Formwork & Falsework Erection &	17 days	0 days	17 days	0%	Wed 4/11/20	Mon 23/11/20	NA	NA	Sat 28/11/20	Thu 17/12/20	21 days	1 day	765,766	
768	North Approach Ramp (Bays	7&8) (Next to BEM)	56 days	0 days	56 days	0%	Tue 26/1/21	Wed 7/4/21	NA	NA	Tue 26/1/21	Sat 17/4/21	0 days			
769	Bay 7: Blinding		1 day	0 days	1 day	0%	Tue 26/1/21	Tue 26/1/21	NA	NA	Tue 26/1/21	Tue 26/1/21	0 days	0.5 days	816,767	
770	Bay 7: Base slab		9 days	0 days	9 days	0%	Wed 27/1/21	Fri 5/2/21	NA	NA	Wed 27/1/21	Fri 5/2/21	0 days	1 day	816,769	
771	Bay 7: Wall		13 days	0 days	13 days	0%	Sat 6/2/21	Wed 24/2/21	NA	NA	Wed 31/3/21	Sat 17/4/21	42 days	1 day	819,770	
772	Bay 8: Blinding		1 day	0 days	1 day	0%	Wed 27/1/21	Wed 27/1/21	NA	NA	Fri 5/2/21	Fri 5/2/21	8 days	0.5 days	769	
773	Bay 8: Base slab		9 days	0 days	9 days	0%	Sat 6/2/21	Fri 19/2/21	NA	NA	Sat 6/2/21	Fri 19/2/21	0 days	1 day	816,770,772	
774	Bay 8: Wall		13 days	0 days	13 days	0%	Sat 20/2/21	Sat 6/3/21	NA	NA	Sat 20/2/21	Sat 6/3/21	0 days	1 day	773,819	
775	Bays No.7&8: Backfilling		15 days	0 days	15 days	0%	Mon 8/3/21	Wed 24/3/21	NA	NA	Thu 18/3/21	Wed 7/4/21	9 days	1 day	774,767	
776	Bays No.7&8: Extract She	eetpile	9 days	0 days	9 days	0%	Thu 25/3/21	Wed 7/4/21	NA	NA	Thu 8/4/21	Sat 17/4/21	9 days	0.5 days	775	
777	North Approach Ramp (Bays	No.2,3,4) (Next to KTSP)	149 days	0 days	149 days	0%	Mon 17/8/20	Tue 12/1/21	NA	NA	Tue 25/8/20	Fri 5/2/21	8 days			
778	Bay No.3 Base Slab with	Blinding (1)+(2)	15 days	0 days	15 days	0%	Mon 24/8/20	Wed 9/9/20	NA	NA	Tue 1/9/20	Thu 17/9/20	7 days	1 day		
779	Bay No.3: Wall & Column (3)+(4)+(5)	n with Soffit (upto +4.6mPD) (include Wall Former)	17 days	0 days	17 days	0%	Thu 10/9/20	Tue 29/9/20	NA	NA	Wed 7/10/20	Tue 27/10/20	21 days	1 day	778	
780	Bay No. 3: Wall & Colum	in Casted and Formwork & Falsework upto Soffit of	27 days	0 days	27 days	0%	Wed 30/9/20	Tue 3/11/20	NA	NA	Wed 28/10/20	Fri 27/11/20	21 days	1 day	779	
781	Top Slab(6)+(7) Bay No. 3: Top Slab Cons	struction with Formwork & Falsework Erection &	17 days	0 days	17 days	0%	Wed 4/11/20	Mon 23/11/20	NA	NA	Sat 28/11/20	Thu 17/12/20	21 days	1 day	779,780	
782	Removal (8) Bay No.2 Base Slab with	Blinding (1)+(2)	15 days	0 days	15 days	0%	Mon 17/8/20	Wed 2/9/20	NA	NA	Tue 25/8/20	Thu 10/9/20	7 days	1 day	778FS-21 days	
783		n with Soffit (upto +4.6mPD) (include Wall Former)	17 days	0 days	17 days	0%	Thu 3/9/20	Tue 22/9/20	NA	NA	Wed 7/10/20	Tue 27/10/20	27 days	1 day	782	
	(3)+(4)+(5)	· - · · · ·				Tarret								C C		mal M <sup>21</sup>
	11 Prog with Progress		Summary Project Sum	mary			Milestone 🔷 Summary 📔		Duration-or Manual Sur	nmary Rollup 💼		Start-only Finish-only		3	Exter	nal Mile line
as of 22-	-ividy-20	-	nactive Tas			Manual '	Task		Manual Sur	nmary		External Task	s		Criti	al



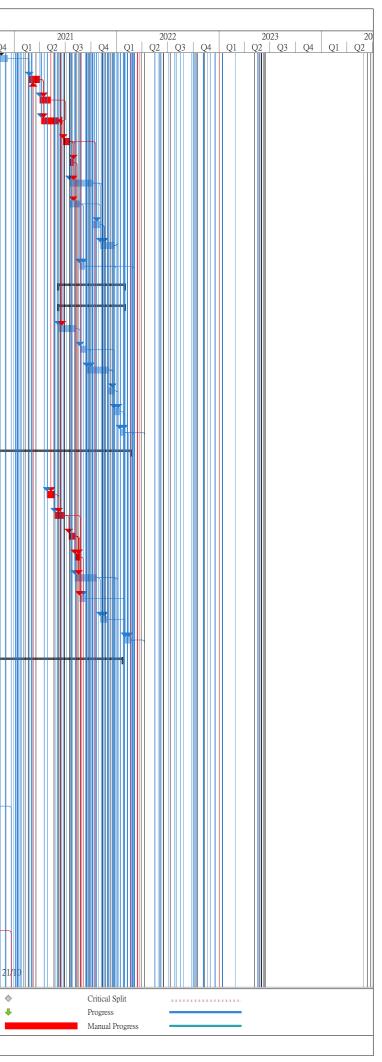
D Tas	sk Name	Duration	Actual	Remaining	Physical %	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total	TRA	Predecessors	2
			Duration	Duration	Complete							Slack			Q2
784	Bay No. 2: Wall & Column Casted and Formwork & Falsework upto Soffit o Top Slab(6)+(7)	of 27 days	0 days	27 days	0%	Wed 23/9/20	Tue 27/10/20	NA	NA	Wed 28/10/20	Fri 27/11/20	27 days	1 day	783	[
785		17 days	0 days	17 days	0%	Wed 28/10/20	Mon 16/11/20	NA	NA	Sat 28/11/20	Thu 17/12/20	27 days	1 day	783,784	
786	Bay No.4 Base Slab with Blinding (1)+(2)	15 days	0 days	15 days	0%	Tue 18/8/20	Thu 3/9/20	NA	NA	Wed 26/8/20	Fri 11/9/20	7 days	1 day	782SS+1 day	
787	Bay No.4: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former	r) 17 days	0 days	17 days	0%	Fri 4/9/20	Wed 23/9/20	NA	NA	Sat 12/9/20	Sat 3/10/20	7 days	1 day	786	
788	(3)+(4)+(5) Bay No. 4: Wall & Column Casted and Formwork & Falsework upto Soffit o	of 27 davs	0 davs	27 days	0%	Thu 24/9/20	Wed 28/10/20	NA	NA	Mon 5/10/20	Thu 5/11/20	7 days	1 day	787	
789	Top Slab(6)+(7) Bay No. 4: Top Slab Construction with Formwork & Falsework Erection &		-	17 days	0%	Thu 29/10/20	Tue 17/11/20		NA	Fri 6/11/20	Wed 25/11/20		1 day	787,788	
	Removal (8)														
790	Bay No.2,3&4: Backfilling upto +3.0mPD	28 days	0 days	28 days	0%	Tue 24/11/20	Mon 28/12/20	NA	NA	Fri 18/12/20	Fri 22/1/21	21 days	1 day	789,785,781,767	7
791	Bay No.4: Sheetpile Extraction (KD2)	12 days	0 days	12 days	0%	Tue 29/12/20	Tue 12/1/21	NA	NA	Sat 23/1/21	Fri 5/2/21	21 days	0.5 days	790	
792	North Approach Ramp (Bays No.5,6) (Next to KTSP)	141 days	0 days	141 days	0%	Wed 18/11/20	Wed 7/4/21	NA	NA	Thu 26/11/20	Sat 10/4/21	3 days			
793	Bay No.5 Base Slab with Blinding (1)+(2)	15 days	0 days	15 days	0%	Mon 23/11/20	Wed 9/12/20	NA	NA	Thu 26/11/20	Sat 12/12/20	3 days	1 day	741SS+35 days,	
794	Bay No.5: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former	r) 17 davs	0 days	17 days	0%	Thu 10/12/20	Thu 31/12/20	NA	NA	Mon 14/12/20	Tue 5/1/21	3 days	1 day	793	
	(3)+(4)+(5)		-										-		
795	Bay No. 5: Wall & Column Casted and Formwork & Falsework upto Soffit o Top Slab(6)+(7)			27 days	0%	Sat 2/1/21		NA	NA	Wed 6/1/21	Fri 5/2/21		1 day	794	
796	Bay No. 5: Top Slab Construction with Formwork & Falsework Erection & Removal (8)	17 days	0 days	17 days	0%	Wed 3/2/21	Thu 25/2/21	NA	NA	Sat 6/2/21	Mon 1/3/21	3 days	1 day	794,795,791	
797	Bay No.6 Base Slab with Blinding (1)+(2)	15 days	0 days	15 days	0%	Wed 18/11/20	Fri 4/12/20	NA	NA	Thu 26/11/20	Sat 12/12/20	7 days	1 day	789	
798	Bay No.6: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former	r) 17 days	0 days	17 days	0%	Sat 5/12/20	Thu 24/12/20	NA	NA	Mon 14/12/20	Tue 5/1/21	7 days	1 day	797	
799	(3)+(4)+(5) Bay No. 6: Wall & Column Casted and Formwork & Falsework upto Soffit o	of 27 days	0 days	27 days	0%	Mon 28/12/20	Thu 28/1/21	NA	NA	Wed 6/1/21	Fri 5/2/21	7 days	1 day	798	
800	Top Slab(6)+(7) Bay No. 6: Top Slab Construction with Formwork & Falsework Erection &			17 days	0%	Fri 29/1/21		NA	NA	Sat 6/2/21	Mon 1/3/21		1 day	798,799	
	Removal (8)													,	
801	Bay No.5&6: Backfilling upto +3.0mPD	26 days	-	26 days	0%	Fri 26/2/21		NA	NA	Tue 2/3/21	Wed 31/3/21		1 day	790,800,796	
802	Bay No.5&6: Sheetpile Extraction (KD2)	6 days	0 days	6 days	0%	Mon 29/3/21	Wed 7/4/21	NA	NA	Thu 1/4/21	Sat 10/4/21	3 days	0.5 days	801,791	
803	North Approach Ramp (Bays 7&8) (Next to KTSP)	79 days	0 days	79 days	0%	Fri 29/1/21	Sat 17/4/21	NA	NA	Thu 11/2/21	Sat 17/4/21	0 days			
804	Bay 7: Base slab	9 days	0 days	9 days	0%	Fri 29/1/21	Mon 8/2/21	NA	NA	Thu 11/2/21	Wed 24/2/21	11 days	0.5 days	816,799	
805	Bay 7: Wall	12 days	0 days	12 days	0%	Mon 8/3/21	Sat 20/3/21	NA	NA	Mon 8/3/21	Sat 20/3/21	0 days	1 day	804,819,774	
806	Bay 8: Base slab	9 days	0 days	9 days	0%	Tue 9/2/21	Mon 22/2/21	NA	NA	Thu 25/2/21	Sat 6/3/21	11 days	0.5 davs	804,816	
807	·													,	
	Bay 8: Wall	12 days	-	12 days	0%	Tue 23/2/21		NA	NA	Mon 8/3/21	Sat 20/3/21	11 days		806,819	
808	Bays No.7&8: Backfilling	15 days	0 days	15 days	0%	Mon 22/3/21	Sat 10/4/21	NA	NA	Mon 22/3/21	Sat 10/4/21	0 days	1 day	807,805	
809	Bays No.7&8: Extract Sheetpile	6 days	0 days	6 days	0%	Mon 12/4/21	Sat 17/4/21	NA	NA	Mon 12/4/21	Sat 17/4/21	0 days	1 day	808,801,802	
810	CH1087-1189 (100m): North Approach Ramp: Parapet, Central Median & Furniture	77 days	0 days	77 days	0%	Mon 19/4/21	Wed 21/7/21	NA	NA	Thu 23/9/21	Tue 14/12/21	122 days		718	
811	CH1087-1189: Parapet (28m per day per team) x 1 team + 6 day concreting	23 days	0 days	23 days	0%	Mon 19/4/21	Sat 15/5/21	NA	NA	Thu 23/9/21	Thu 21/10/21	130 days	2 day	809,776,821	
812	CH1087-1189: Central Median and Utilties Trough (6m per day per team) x	1 25 days	0 days	25 days	0%	Thu 27/5/21	Fri 25/6/21	NA	NA	Fri 22/10/21	Fri 19/11/21	122 days	1 day	811,236	
813	team CH1087-1189: Road Furniture	21 days	-	21 days	0%	Sat 26/6/21	Wed 21/7/21		NA	Sat 20/11/21	Tue 14/12/21	122 days		812,358	
			-	-									Juays	012,000	
814	North Approach Ramp: Bay No. 1	135 days		135 days	0%	Fri 14/8/20	Mon 25/1/21		NA	Fri 14/8/20	Mon 25/1/21	0 days			
815	Bay 1: Base slab	27 days	0 days	27 days	0%	Fri 14/8/20	Mon 14/9/20	NA	NA	Fri 14/8/20	Mon 14/9/20	0 days	0.5 days	834	
816	Bay 1: Wall	83 days	0 days	83 days	0%	Fri 16/10/20	Mon 25/1/21	NA	NA	Fri 16/10/20	Mon 25/1/21	0 days	3 days	819	
817	Part 3G - CH1189.4 to CH1229 North Abutment	180 days	0 days	180 days	0%	Tue 15/9/20	Mon 26/4/21	NA	NA	Tue 15/9/20	Mon 26/4/21	0 days			
818	North Abutment	180 days	0 days	180 days	0%	Tue 15/9/20	Mon 26/4/21	NA	NA	Tue 15/9/20	Mon 26/4/21	0 days			
819	North Abutment - Base Slab	25 days	-	25 days	0%	Tue 15/9/20	Thu 15/10/20		NA	Tue 15/9/20	Thu 15/10/20		1 day	815	
820	North Abutment Wall (3.85m thk)	37 days	-	37 days	0%	Tue 26/1/21		NA	NA	Tue 26/1/21	Fri 12/3/21		1 day	816	
821	North Abutment Wall (0.5m thk) (KD2) (KD3)	28 days	0 days	28 days	0%	Sat 13/3/21	Sat 17/4/21	NA	NA	Sat 13/3/21	Sat 17/4/21	0 days	1 day	820	
822	Install bridge bearing	7 days	0 days	7 days	0%	Mon 19/4/21	Mon 26/4/21	NA	NA	Mon 19/4/21	Mon 26/4/21	0 days	0.5 days	821,736	
823	At Grade Road Works CH1000-2124	157 days	0 days	157 days	0%	Tue 10/8/21	Fri 18/2/22	NA	NA	Thu 4/11/21	Tue 1/3/22	9 days			
824	CH1000-1087 At grade road works	60 days	0 davs	60 days	0%	Tue 10/8/21	Thu 21/10/21	NA	NA	Wed 15/12/21	Tue 1/3/22	106 days	1 dav	776,809,332,341	
825					0%			NA						1293,826,219	
	CH1444.7-1560 At grade road works	45 days		45 days		Wed 22/12/21			NA	Wed 5/1/22	Tue 1/3/22		1 day		
826	Ch2050 to 2124: At grade road works	50 days	0 days	50 days	0%	Mon 25/10/21	Tue 21/12/21	NA	NA	Thu 4/11/21	Tue 4/1/22	9 days	1 day	1438,219	
827	Bridge D3 Bored Pile	17 days	17 days	0 days	0%	Tue 19/11/19	Thu 5/12/19	Tue 19/11/19	Thu 5/12/19	Tue 19/11/19	Thu 5/12/19	0 days			
828	Pre-drilling Works	15 days	15 days	0 days	100%	Tue 19/11/19	Thu 5/12/19	Tue 19/11/19	Thu 5/12/19	Tue 19/11/19	Thu 5/12/19	0 days	0.5 day		
		9						D : : :							
	11 Prog with Progress Task Split	Summary Project Sum	ımarv		Inactive M			Duration-on Manual Sur	ly 📃 1mary Rollup 📕		Start-only Finish-only		C 3		ernal Mi dline
as of 22-	May-20 Spint Milestone $\blacklozenge$	Inactive Tas			Manual T			Manual Sun Manual Sun			<ul> <li>Finish-only</li> <li>External Task</li> </ul>	īS.	-	Crit	
						-									



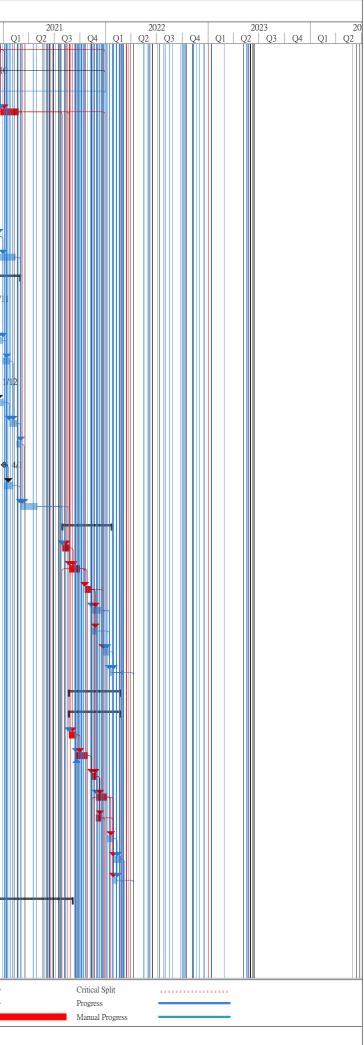
D Task I	Jame	Duration A	Actual	Remaining	Physical %	Early Start		ract No. ED/			Late Finish	Total	TRA	Predecessors	20	)20
		I	Duration	Duration	Complete							Slack	IKA	Predecessors	Q2	
829	Part 3C - CH1229 to CH1279	823 days?1	137.51 days	685.49 days?	0%	Thu 16/5/19	Sat 19/2/22	Thu 16/5/19	NA	Mon 11/11/19	Wed 29/5/24	676 da				
830	Abutment A01 Piling	0 days 0	0 days	0 days	0%	Thu 16/5/19	Thu 16/5/19	NA	NA	Wed 29/5/24	Wed 29/5/24	1841 d				
831	CH1189: Bored Pile (A01-BP1) by Rig 1(Contractor Bear DDA Approval Risk)	61 days 4	40 days	21 days	66%	Tue 31/3/20	Tue 16/6/20	Tue 31/3/20	NA	Tue 31/3/20	Tue 16/6/20	0 days	1 day	839		
832	CH1189: Bored Pile (A01-BP2) by Rig 1 (Contractor Bear DDA Approval Risk)	29 days 2	29 days	0 days	100%	Mon 13/4/20	Tue 19/5/20	Mon 13/4/20	Tue 19/5/20	Mon 13/4/20	Tue 19/5/20	0 days	1 day			
833	Abutment A01: Pile Testing (28d curing & 14 test) - 1 full-core to be carried out	37 days 0	0 days	37 days	0%	Wed 17/6/20	Fri 31/7/20	NA	NA	Wed 17/6/20	Fri 31/7/20	0 days	5 days	831,832		<b>k</b> h
834	Abutment A01: Proof-drilling Works	11 days 0	0 days	11 days	0%	Sat 1/8/20	Thu 13/8/20	NA	NA	Sat 1/8/20	Thu 13/8/20	0 days	2 day	833		
835	Mobilization of plant and material	6 days 6	6 days	0 days	100%	Mon 11/11/19	Sat 16/11/19	Mon 11/11/19	Sat 16/11/19	Mon 11/11/19	Sat 16/11/19	0 days	1 days	14,194,193		
836	CH1229: Pre-drilling Works	21 days 2	21 days	0 days	100%	Tue 19/11/19	Thu 12/12/19	Tue 19/11/19	Thu 12/12/19	Tue 19/11/19	Thu 12/12/19	0 days	0.5 days			
837	Pier P01 Piling, Pilecap & Pier	0 days 0	0 days	0 days	0%	Thu 16/5/19	Thu 16/5/19	NA	NA	Wed 29/5/24	Wed 29/5/24	1841 d				
838		44 days 4	44 days	0 days	100%	Fri 17/1/20	Wed 11/3/20	Fri 17/1/20	Wed 11/3/20	Fri 17/1/20	Wed 11/3/20	0 days	0.5 days			
839	Risk) Bored pile (P01-BP1) @ CH1229 by Rig 1 (Contractor Bear DDA Approval	38 days 3	38 days	0 days	100%	Mon 24/2/20	Wed 8/4/20	Mon 24/2/20	Wed 8/4/20	Mon 24/2/20	Wed 8/4/20	0 days	0.5 days	838SS+30 days		
840	Risk)	45 days 0		45 days	0%	Sat 23/5/20	Thu 16/7/20	NA	NA	Mon 6/7/20	Wed 26/8/20	35 days	3 days	839	+	
841		10 days 0		10 days	0%	Fri 17/7/20	Tue 28/7/20			Thu 27/8/20	Mon 7/9/20	35 days		839,840		₽
842	-	98 days 0	-	98 days	0%	Mon 15/6/20	Sun 11/10/20		NA	Sat 29/8/20	Fri 13/11/20	28 days	,			
843	-			17 days	0%	Wed 29/7/20	Mon 17/8/20		NA	Tue 8/9/20	Sat 26/9/20		1 day	841	"	
		17 days (		-								35 days		041		
844		-	0 days	0 days	0%	Mon 15/6/20	Mon 15/6/20			Sat 29/8/20	Sat 29/8/20	75 days		0.11		15/
845		30 days 0		30 days	0%	Mon 15/6/20	Tue 14/7/20		NA	Sat 29/8/20	Sun 27/9/20	75 days		844		
846	-	24 days 0		24 days	0%	Tue 18/8/20	Mon 14/9/20			Mon 28/9/20	Wed 28/10/20	35 days		845,843		
847	Backfill	14 days (	0 days	14 days	0%	Tue 15/9/20	Wed 30/9/20	NA	NA	Thu 29/10/20	Fri 13/11/20	35 days	2 days	846		
848	Pier - Formwork Design and Method Statement Submission	0 days 0	0 days	0 days	0%	Mon 7/9/20	Mon 7/9/20	NA	NA	Sat 10/10/20	Sat 10/10/20	33 days	1 day			
849	Pier - Formwork Design and Method Statement Comment & Appraoval	35 days 0	0 days	35 days	0%	Mon 7/9/20	Sun 11/10/20	NA	NA	Sat 10/10/20	Fri 13/11/20	33 days	1 day	848		
850	Pier P01 @ CH1229	49 days 0	0 days	49 days	0%	Wed 28/10/20	Wed 23/12/20	NA	NA	Sat 14/11/20	Wed 13/1/21	15 days	2 days	847,211,849		
851	CH1269: Pre-drilling Works	30 days 3	30 days	0 days	0%	Wed 20/11/19	Thu 19/12/19	Wed 20/11/19	Thu 19/12/19	Wed 20/11/19	Thu 19/12/19	0 days	0.5 days	835,836		
852	Abandon the Installed defected Bored pile (P02-BP2) @ CH1269	35 days 3	35 days	0 days	100%	Tue 11/2/20	Sun 22/3/20	Tue 11/2/20	Sun 22/3/20	Tue 11/2/20	Sun 22/3/20	0 days	0.5 days	851		$\parallel$
853	Pier P02 Piling, Pilecap & Pier	1 day? 0	0 days	1 day?	0%	Thu 16/5/19	Thu 16/5/19	NA	NA	Wed 29/5/24	Wed 29/5/24	1840 d				
854	Predrilling works for Bored pile (P02-BP2)(Abandoned) @ CH1269	11 days 0	0 days	11 days	0%	Wed 3/6/20	Mon 15/6/20	NA	NA	Tue 9/6/20	Sat 20/6/20	5 days	0.5 days	852		
855	Casing Extraction for Abandoned P02-BP2 Bored Pile	20 days 0	0 days	20 days	0%	Sat 20/6/20	Wed 15/7/20	NA	NA	Mon 22/6/20	Thu 16/7/20	1 day	1 day	854		
856	Bored pile (P02-BP2)(Remedial) @ CH1269	30 days 0	0 days	30 days	0%	Thu 16/7/20	Wed 19/8/20	NA	NA	Fri 17/7/20	Thu 20/8/20	1 day	2 days	855,854		
857	Bored pile (P02-BP1) @ CH1269 (Contractor Bear DDA Approval Risk) (Rig 2)	26 days 2	26 days	0 days	100%	Fri 21/2/20	Sat 18/4/20	Fri 21/2/20	Sat 18/4/20	Fri 21/2/20	Sat 18/4/20	0 days	0.5 days	851	+	
858	Pile Testing (18d curing & 14 test)	32 days 0	0 days	32 days	0%	Thu 20/8/20	Fri 25/9/20	NA	NA	Wed 2/9/20	Sat 10/10/20	11 days	0.5 days	852,857,856		$\ \cdot$
859			0 days	9 days	0%	Sat 26/9/20	Thu 8/10/20	NA	NA	Mon 12/10/20	Wed 21/10/20	11 days	1 dav	839,840,858		
860	-	-	0 days	0 days	0%	Mon 29/6/20	Mon 29/6/20		NA	Tue 22/9/20	Tue 22/9/20	85 days				29
861		30 days 0		30 days	0%	Mon 29/6/20	Tue 28/7/20			Tue 22/9/20	Wed 21/10/20	85 days		860		
862	Appraoval	120 days 0	-	-	0%	Mon 29/6/20 Mon 24/8/20	Sat 16/1/21			Thu 22/10/20	Fri 29/1/21	11 days	1 uay	000		ſ
				120 days									2	061 050 140 050		
863		17 days (		17 days	0%	Fri 9/10/20	Thu 29/10/20			Thu 22/10/20	Wed 11/11/20	11 days		861,858,140,859		
864		18 days 0		18 days	0%	Fri 30/10/20	Thu 19/11/20		NA	Thu 12/11/20	Wed 2/12/20	11 days		863		
865			0 days	0 days	0%	Mon 24/8/20	Mon 24/8/20		NA	Thu 12/11/20	Thu 12/11/20	80 days				
866		21 days 0		21 days	0%	Mon 24/8/20	Sun 13/9/20			Thu 12/11/20	Wed 2/12/20	80 days		865		
867	Pilecap structure	36 days 0	0 days	36 days	0%	Fri 20/11/20	Mon 4/1/21	NA	NA	Thu 3/12/20	Sat 16/1/21	11 days	1 day	866,864,863		
868	Backfill and extract sheet pile	11 days (	0 days	11 days	0%	Tue 5/1/21	Sat 16/1/21	NA	NA	Mon 18/1/21	Fri 29/1/21	11 days	2 day	867		
869	Pier - Temp. Works Design and Method Statement Submission	0 days 0	0 days	0 days	0%	Mon 7/9/20	Mon 7/9/20	NA	NA	Thu 31/12/20	Thu 31/12/20	115 days	s 1 day			
870	Pier - Temp. Works Design and Method Statement Comment & Appraoval	30 days 0	0 days	30 days	0%	Mon 7/9/20	Tue 6/10/20	NA	NA	Thu 31/12/20	Fri 29/1/21	115 days	s 1 day	869		
871	Pier P02 @ CH1270	49 days 0	0 days	49 days	0%	Mon 18/1/21	Thu 18/3/21	NA	NA	Sat 30/1/21	Wed 31/3/21	11 days	1 day	868,211,870		
872	Stage 1: Bridge deck between CH1229-1311	340 days 0	0 days	340 days	0%	Mon 2/11/20	Tue 21/12/21	NA	NA	Tue 19/1/21	Wed 29/12/21	5 days				
873	Bridge Deck - Temp. Works Design and Method Statement Submission	0 days 0	0 days	0 days	0%	Mon 2/11/20	Mon 2/11/20	NA	NA	Tue 19/1/21	Tue 19/1/21	78 days	1 day			
	T <sub>al</sub> .				Taxa of a N	Glaston-		Durant			Stand a 1		Г	P.		
Title: Rev.11 as of 22-Ma	Prog with Progress	ummary roject Summ	nary [		Inactive N Inactive S			Duration-on Manual Sun	iy 🛄 imary Rollup 💼		Start-only Finish-only		3	Exten	nal Mile ine	eston
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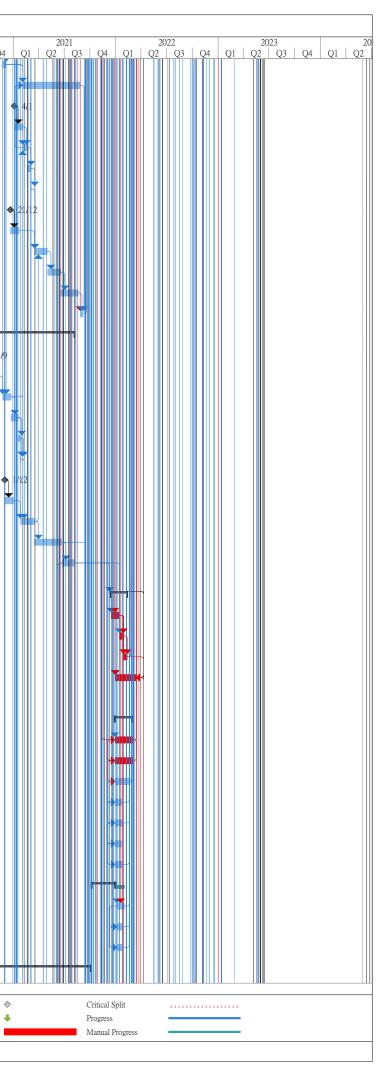
) (	Task Name		Duration	Actual	Domoining	Dhusical 0/	Farly Stout	Forly Einish	Actual Start	Actual Emi-1	Lata Start	Late Einich	Total	TPA	Predecessors	0	020
	Fask Name		Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total Slack	TRA	Predecessors		.020   Q
874	Bridge Deck - Temp. Works D Appraoval	esign and Method Statement Comment &	35 days	0 days	35 days	0%	Mon 2/11/20	Sun 6/12/20	NA	NA	Tue 19/1/21	Mon 22/2/21	78 days	1 day	873		
75	CH1229-1311: Deck Falsework	cerection Part 1	32 days	0 days	32 days	0%	Tue 23/2/21	Wed 31/3/21	NA	NA	Tue 23/2/21	Wed 31/3/21	0 days	1 day	874,922		
76	CH1229-1311: Deck Falsework	c erection Part 2	28 days	0 days	28 days	0%	Thu 1/4/21	Fri 7/5/21	NA	NA	Thu 1/4/21	Fri 7/5/21	0 days	3 days	875,871		
7	CH1229-1311: Structure deck		50 days	0 days	50 days	0%	Wed 7/4/21	Sat 5/6/21	NA	NA	Wed 7/4/21	Sat 5/6/21	0 days	2 day	475,483,736,87	5	
78	CH1229-1311: Prestressing		18 days	0 days	18 days	0%	Thu 24/6/21	Thu 15/7/21	NA	NA	Thu 24/6/21	Thu 15/7/21	0 days	0.5 day	877FS+14 days		
79	CH1229-1311: Falsework Under	er Main Deck Removal	12 days	0 days	12 days	0%	Fri 16/7/21	Thu 29/7/21	NA	NA	Fri 16/7/21	Thu 29/7/21	0 days	0.5 day	878		
80	CH1229-1311: Utility Trough	(0.67m per day per team) x 4 team	70 days	0 davs	70 days	0%	Fri 16/7/21	Thu 7/10/21	NA	NA	Thu 22/7/21	Wed 13/10/21	5 days	9 days	219,878		
81	, C		31 days		31 days	0%	Fri 16/7/21	Fri 20/8/21	NA	NA	Sat 2/10/21	Mon 8/11/21	65 days		878	-	
382		er day per team) x 2 team + $6x2$ day concreting			21 days	0%	Fri 8/10/21	Tue 2/11/21		NA	Fri 15/10/21	Mon 8/11/21		3 days	880		
					-	0%									880,882,881		
383	CH1229-1311: Removal of Fal	. ,	42 days		42 days		Wed 3/11/21	Tue 21/12/21		NA	Tue 9/11/21	Wed 29/12/21		6 days	,,		
884	CH1229-1311: Road Furniture		15 days	0 days	15 days	0%	Sat 21/8/21	Tue 7/9/21	NA	NA	Sat 27/11/21	Tue 14/12/21	81 days	1 day	881,358		
885	Part 3D - CH1279 to CH1311		196 days	0 days	196 days	0%	Mon 7/6/21	Sat 29/1/22	NA	NA	Wed 16/6/21	Fri 11/2/22	7 days				
886	Stage 1: Bridge deck between 0	CH1269-1311	196 days	0 days	196 days	0%	Mon 7/6/21	Sat 29/1/22	NA	NA	Wed 16/6/21	Fri 11/2/22	7 days				
887	CH1269-1311: Structure de	ck	50 days	0 days	50 days	0%	Mon 7/6/21	Thu 5/8/21	NA	NA	Wed 16/6/21	Fri 13/8/21	7 days	2 day	475,483,736,87	7	
888	Prestressing CH1269 - 1311	Bridge Spans	21 days	0 days	21 days	0%	Mon 23/8/21	Wed 15/9/21	NA	NA	Tue 31/8/21	Fri 24/9/21	7 days	3 day	887FS+14 days		
889	CH1269-1311: Utility Trou	gh (0.67m per day per team) x 2 team	64 days	0 days	64 days	0%	Thu 16/9/21	Thu 2/12/21	NA	NA	Sat 25/9/21	Fri 10/12/21	7 days	0.5 day	888,219		
890		m per day per team) x 1 team + 6 day	17 days	0 days	17 days	0%	Fri 3/12/21	Wed 22/12/21	NA	NA	Sat 11/12/21	Mon 3/1/22	7 days	3 days	889		
891	CH1269-1311 : Central Me	dian (6m per day per team) x 1 team	15 days	0 days	15 days	0%	Thu 23/12/21	Wed 12/1/22	NA	NA	Wed 5/1/22	Fri 21/1/22	8 days	1 day	889,890		
892	CH1269-1311 : Road Furnit	ture	15 days	0 days	15 days	0%	Thu 13/1/22	Sat 29/1/22	NA	NA	Sat 22/1/22	Fri 11/2/22	8 days	1 day	891,358		
893	Stage2: Bridge deck between CH1		823 days?		823 days?	0%	Thu 16/5/19	Sat 19/2/22	NA	NA	Tue 27/4/21	Wed 29/5/24	579 da				
394	CH1189-1229: Deck Falsework		1 day?		1 day?	0%	Thu 16/5/19	Thu 16/5/19		NA	Wed 29/5/24	Wed 29/5/24	1840 d				
					-									1.1	050.000		
895	CH1189-1229: Deck Falsework		22 days	-	22 days	0%	Tue 27/4/21	Mon 24/5/21		NA	Tue 27/4/21	Mon 24/5/21		1 day	850,822		
896	CH1189-1229: Structure deck		27 days		27 days	0%	Tue 25/5/21	Fri 25/6/21	NA	NA	Tue 25/5/21	Fri 25/6/21		2 day	895,475,483		
897	CH1189-1229: Prestressing		18 days	0 days	18 days	0%	Wed 14/7/21	Tue 3/8/21	NA	NA	Wed 14/7/21	Tue 3/8/21	0 days	1 day	896FS+14 days		
898	CH1189-1229: Falsework Under	er Main Deck Removal	15 days	0 days	15 days	0%	Wed 4/8/21	Fri 20/8/21	NA	NA	Wed 4/8/21	Fri 20/8/21	0 days	3 days	878,897		
899	CH1189-1229: Utility Trough	(0.67m per day per team) x 2 team	63 days	0 days	63 days	0%	Wed 4/8/21	Tue 19/10/21	NA	NA	Wed 13/10/21	Tue 28/12/21	58 days	3 days	219,897		
900	CH1189-1229 : Central Mediar	n (6m per day per team) x 1 team	16 days	0 days	16 days	0%	Sat 21/8/21	Wed 8/9/21	NA	NA	Fri 21/1/22	Fri 11/2/22	125 days	3 day	897,881		
901	CH1189-1229 : Parapet (28m p	er day per team) x 1 team + 6 day concreting	20 days	0 days	20 days	0%	Wed 3/11/21	Thu 25/11/21	NA	NA	Mon 17/1/22	Fri 11/2/22	61 days	5 day	899,882		
902	CH1189-1229 : Road Furniture		15 days	0 days	15 days	0%	Mon 31/1/22	Sat 19/2/22	NA	NA	Sat 12/2/22	Tue 1/3/22	8 days	1 day	900,892,358,90	1	
903	Part 3E - CH1311 to CH1372		652 days	94.1 days	557.9 days	0%	Tue 12/11/19	Fri 21/1/22	Tue 12/11/19	NA	Tue 12/11/19	Wed 29/5/24	698 days				┥
904	Pre-drilling Works		31 days	31 days	0 days	0%	Tue 12/11/19	Tue 17/12/19	Tue 12/11/19	Tue 17/12/19	Tue 12/11/19	Tue 17/12/19	0 days	0.5 day			
905	Bored pile (P03-BP1) @ CH1311	(Rig 2) (Contractor Bear DDA Design Risk)	40 days	40 days	0 days	100%	Tue 17/3/20	Fri 8/5/20	Tue 17/3/20	Fri 8/5/20	Tue 17/3/20	Fri 8/5/20	0 days	0.5 day	904		
906	Bored pile (P03-BP2) @ CH1311		36 days		11 days	69%	Wed 22/4/20	Thu 4/6/20	Wed 22/4/20	NA	Wed 22/4/20	Thu 4/6/20		3 day			
907	Pile Testing (18 curing & 14 test)		35 days		35 days	0%	Sat 6/6/20	Sat 18/7/20	NA	NA	Sat 6/6/20	Sat 18/7/20		3 day	906FS+1 day,90		
908	Proof-drilling Works				11 days	0%	Mon 20/7/20	Fri 31/7/20	NA	NA	Mon 20/7/20	Fri 31/7/20		2 days	9001/3+1 uay,90		
	2		11 days		-									2 uays	201		
909	Pile Cap P03 @ CH1311		76 days		76 days	0%	Tue 7/7/20	Mon 5/10/20		NA	Fri 31/7/20	Wed 29/5/24	21 days		000		
910	Pile Cap @ CH1311 by Open (		46 days		46 days	0%	Sat 1/8/20	Wed 23/9/20		NA	Wed 28/10/20	Sat 19/12/20	72 days		908		
911	Pilecap Formwork Design and		0 days	0 days	0 days	0%	Tue 7/7/20	Tue 7/7/20	NA	NA	Tue 30/4/24	Tue 30/4/24	1393 days	1 day			
912	Pilecap Formwork Design and	Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Tue 7/7/20	Wed 5/8/20	NA	NA	Tue 30/4/24	Wed 29/5/24	1393 days	1 day	911		
913	Excavation with Shoring Instal	lation ~2600m3 Prod. Rate: 160m3/day/team	17 days	0 days	17 days	0%	Sat 1/8/20	Thu 20/8/20	NA	NA	Sat 1/8/20	Thu 20/8/20	0 days	1 day	908	1	
914	Pilecap Formwork - design and	Method Statement Submission	0 days	0 days	0 days	0%	Mon 20/7/20	Mon 20/7/20	NA	NA	Fri 31/7/20	Fri 31/7/20	11 days	1 day			
915	Pilecap Formwork - Design and	d Method Statement Comment & Appraoval	21 days	0 days	21 days	0%	Mon 20/7/20	Sun 9/8/20	NA	NA	Fri 31/7/20	Thu 20/8/20	11 days	1 day	914		
916	Pilecap structure		24 days	0 days	24 days	0%	Fri 21/8/20	Thu 17/9/20	NA	NA	Fri 21/8/20	Thu 17/9/20	0 days	1 day	915,908,913		
917	Backfill		13 days	0 days	13 days	0%	Fri 18/9/20	Mon 5/10/20	NA	NA	Fri 18/9/20	Mon 5/10/20		1 day	916		
918	Agree Interface Coordination Plan		14 days		14 days	0%	Tue 6/10/20	Wed 21/10/20		NA	Tue 6/10/20	Wed 21/10/20		0 days	917		
					uugo												
itle: Re	ev. I I Prod with Progress		ummary	2021		Inactive M Inactive S			Duration-on Manual Surr	-		Start-only Finish-only		C 3		ernal Mi idline	les
as of 2	2-IVIAV-20		roject Sumi nactive Tasl			Manual Ta	-		Manual Surr			External Task	s	-	Dea		
																	_



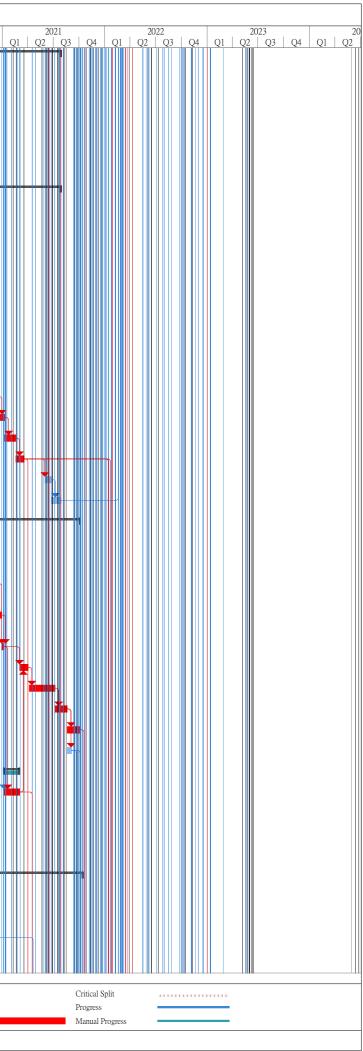
) Task	Name		Duration	Actual	Remaining	Physical %	Early Start		Actual Start	2018/01 KT		Late Finish	Total	TRA	Predecessors	20	)20
				Duration	Duration	Complete							Slack			Q2	
019	App.1.18 2.7(A)( c)	ntractor for sheet pile wall installation. PS	60 days	0 days	60 days	0%	Thu 22/10/20			NA	Thu 22/10/20	Sun 20/12/20	0 days	0 days	917,918		
20	Pier - Temp. Works Design and	l Method Statement Submission	0 days	0 days	0 days	0%	Mon 12/10/20	Mon 12/10/20	NA	NA	Mon 16/11/20	Mon 16/11/20	35 days	1 day			
21	Pier - Temp. Works Design and	l Method Statement Comment & Approval	35 days	0 days	35 days	0%	Mon 12/10/20	Sun 15/11/20	NA	NA	Mon 16/11/20	Sun 20/12/20	35 days	1 day	920		
22	Pier P03 @ CH1311		49 days	0 days	49 days	0%	Mon 21/12/20	Mon 22/2/21	NA	NA	Mon 21/12/20	Mon 22/2/21	0 days	1 day	916,919,850SS+		
923	Pre-drilling Works		15 days	15 days	0 days	100%	Wed 4/12/19	Wed 18/12/19	Wed 4/12/19	Wed 18/12/	Wed 4/12/19	Wed 18/12/19	0 days	0.5 days			₩
924	Diversion of existing 150mm d	ia. Watermain (agreed)	54 days	42 days	12 days	78%	Sat 28/3/20	Fri 5/6/20	Sat 28/3/20	NA	Sat 28/3/20	Sat 14/11/20	134 days	2 days			
925	Bored pile (P04-BP2) @ CH13	51 (Rig 2)	52 days	1 day	51 days	0%	Fri 22/5/20	Wed 21/10/20	Fri 22/5/20	NA	Fri 22/5/20	Tue 19/1/21	73 days	3 days	923,856		
926	Bored pile (P04-BP1) @ CH13	51 (Rig 2)	53 days	0 days	53 days	0%	Tue 11/8/20	Tue 13/10/20	NA	NA	Mon 16/11/20	Tue 19/1/21	80 days	3 days	202,924,923,925	L	- Y
927	Pile Testing (14d curing & 14	est)	35 days	0 days	35 days	0%	Thu 22/10/20	Wed 2/12/20	NA	NA	Wed 20/1/21	Thu 4/3/21	73 days	3 days	926,925		
928	Proof-drilling Works		11 days	0 davs	11 days	0%	Thu 3/12/20	Tue 15/12/20	NA	NA	Fri 5/3/21	Wed 17/3/21	73 days	2 days	927		
929	Pile Cap P04 @ CH1351 with	FIS	47 days	-	47 days	0%	Wed 16/12/20			NA	Thu 1/4/21	Mon 31/5/21	85 days		933SS,928		
930	Pile Cap @ CH1351			-	97 days	0%	Mon 2/11/20	Mon 1/3/21		NA	Tue 16/2/21	Mon 31/5/21			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	-		97 days	-									73 days	1.1			
931		ethod Statement Submission	-	0 days	0 days	0%	Mon 2/11/20	Mon 2/11/20		NA	Tue 16/2/21	Tue 16/2/21	106 days	-	001		
932		fethod Statement Comment & Appraoval	30 days	-	30 days	0%	Mon 2/11/20	Tue 1/12/20		NA	Tue 16/2/21	Wed 17/3/21	106 days	-	931		
933	Drive sheetpile (~75m). Pro	d. Rate: 10m/day/side/team	10 days	0 days	10 days	0%	Wed 16/12/20	Tue 29/12/20	NA	NA	Thu 18/3/21	Mon 29/3/21	73 days	2 days	932,928		
934	Excavation with Shoring In	stallation ~2600m3 Prod. Rate: 160m3/day/team	19 days	0 days	19 days	0%	Wed 30/12/20	Thu 21/1/21	NA	NA	Tue 30/3/21	Fri 23/4/21	73 days	2 day	933		
935	Pilecap Formwork- Design	and Method Statement Submission	0 days	0 days	0 days	0%	Tue 1/12/20	Tue 1/12/20	NA	NA	Thu 25/3/21	Thu 25/3/21	114 days	1 day			
936	Pilecap Formworks - Desig	n and Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Tue 1/12/20	Wed 30/12/20	NA	NA	Thu 25/3/21	Fri 23/4/21	114 days	1 day	935		
937	Pile Cap structure		19 days	0 days	19 days	0%	Fri 22/1/21	Tue 16/2/21	NA	NA	Sat 24/4/21	Mon 17/5/21	73 days	1 day	846,936,934		
938	Backfill and extract sheet p	le	11 days	0 days	11 days	0%	Wed 17/2/21	Mon 1/3/21	NA	NA	Tue 18/5/21	Mon 31/5/21	73 days	2 days	937		
939	Pier - Temporary Design an	d Method Statement Submission	0 days	0 days	0 days	0%	Mon 4/1/21	Mon 4/1/21	NA	NA	Sun 2/5/21	Sun 2/5/21	118 days	1 day			
940	Pier - Temporary Design an	d Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Mon 4/1/21	Tue 2/2/21	NA	NA	Sun 2/5/21	Mon 31/5/21	118 days	1 day	939		
941	Pier P04 @ CH1351		49 days	0 days	49 days	0%	Tue 2/3/21	Fri 30/4/21	NA	NA	Tue 1/6/21	Thu 29/7/21	73 days	1 day	938,922,211,940		
942	Stage 3: Bridge deck between 0	°H1311-1351	145 days	-	145 days	0%	Fri 30/7/21	Fri 21/1/22	NA	NA	Fri 30/7/21	Sat 29/1/22	0 days				
943	CH1311-1351: Deck Falsev		21 days	-	21 days	0%	Fri 30/7/21	Mon 23/8/21		NA	Fri 30/7/21	Mon 23/8/21		3 days	941,922,879		
944	CH1311-1351: Structure de			-	-												
		CK	30 days	-	30 days	0%	Tue 24/8/21	Tue 28/9/21		NA	Tue 24/8/21	Tue 28/9/21	0 days	-	475,483,736,896		
945	CH1311-1351: Prestressing		21 days		21 days	0%		Wed 10/11/21		NA		Wed 10/11/21		3 days	944FS+14 days,8		
946	CH1311-1351: Utility Trou	gh (0.67m per day per team) x 4 team	30 days	0 days	30 days	0%	Thu 11/11/21	Wed 15/12/21		NA	Fri 26/11/21	Mon 3/1/22	13 days	-	219,880,945		
947	CH1311-1351: Central Med	ian (6m per day per team) x 2 team	15 days	0 days	15 days	0%	Thu 11/11/21	Sat 27/11/21	NA	NA	Wed 5/1/22	Fri 21/1/22	44 days	3 days	945		
948	CH1311-1351: Parapet (28r	n per day per team) x 2 team + 6 day concreting	16 days	0 days	16 days	0%	Thu 23/12/21	Thu 13/1/22	NA	NA	Tue 4/1/22	Fri 21/1/22	7 days	1 day	945,888,890,946		
949	CH1311-1351: Road Furnit	ıre	7 days	0 days	7 days	0%	Fri 14/1/22	Fri 21/1/22	NA	NA	Sat 22/1/22	Sat 29/1/22	7 days	1 day	947,358,948		
950	Part 1 - CH1372 to CH1386		149 days	0 days	149 days	0%	Mon 23/8/21	Tue 22/2/22	NA	NA	Mon 23/8/21	Tue 1/3/22	0 days				
951	Bridge deck between CH1351-	1386	149 days	0 days	149 days	0%	Mon 23/8/21	Tue 22/2/22	NA	NA	Mon 23/8/21	Tue 1/3/22	0 days				
952	CH1351-1386: Deck Falsev	vork erection	22 days	0 days	22 days	0%	Mon 23/8/21	Thu 16/9/21	NA	NA	Mon 23/8/21	Thu 16/9/21	0 days	4 days	941,922,898FS+		
953	CH1351-1386: Structure de	ck	30 days	0 days	30 days	0%	Fri 17/9/21	Mon 25/10/21	NA	NA	Fri 17/9/21	Mon 25/10/21	0 days	5 days	952,736,976		
954	CH1351-1386: Prestressing		14 days	0 days	14 days	0%	Thu 11/11/21	Fri 26/11/21	NA	NA	Thu 11/11/21	Fri 26/11/21	0 days	5 days	953FS+14 days,9		
955	CH1351 - CH1386: Utility	Trough (0.67m per day per team) x 4 team	30 days		30 days	0%	Sat 27/11/21	Tue 4/1/22	NA	NA	Sat 27/11/21	Tue 4/1/22	0 days	3 days	219,954		
956	-	Median (6m per day per team) x 1 team	15 days		15 days	0%	Sat 27/11/21	Tue 14/12/21		NA	Sat 27/11/21	Tue 14/12/21		3 days	954		
957		(28m per day per team) x 1 team + 6 day	20 days		20 days	0%	Wed 5/1/22	Thu 27/1/22		NA	Wed 12/1/22	Mon 7/2/22		4 days	955		
	concreting				-												
958	CH1351-1386 Falsework re		19 days		19 days	0%	Fri 28/1/22	Tue 22/2/22		NA	Tue 8/2/22	Tue 1/3/22		1 day	955,957		
959	CH1351 - CH1386: Road F		8 days	-	8 days	0%	Fri 28/1/22		NA	NA	Mon 14/2/22	Tue 22/2/22	11 days	2 day	956,358,957		
960	Part 1 - CH1386 to CH1394 South		352 days	-	352 days	0%	Fri 3/7/20		NA	NA	Sat 25/7/20	Thu 16/9/21	10 days				ſ
961	Bored Pile (A02-BP2) @ CH1	386 by Rig 1	42 days	0 days	42 days	0%	Fri 3/7/20	Thu 20/8/20	NA	NA	Sat 25/7/20	Fri 11/9/20	19 days	3 days	831FS+12 days		
962	Bored Pile (A02-BP1) @ CH1	386 by Rig 1	63 days	0 days	63 days	0%	Tue 28/7/20	Sat 10/10/20	NA	NA	Wed 19/8/20	Tue 3/11/20	19 days	3 days	202FF,961FF+42		
963	Pile Testing		35 days	0 days	35 days	0%	Mon 12/10/20	Sat 21/11/20	NA	NA	Wed 4/11/20	Mon 14/12/20	19 days	4 days	962		
	1 Draw with Day	Task	Summary			Inactive	Milestone 🔷		Duration-on	ly		Start-only		C	Exte	mal Mile	 estor
itle: Rev.1 as of 22-N	1 Prog with Progress lav-20	Split	Project Sum	mary	1		Summary		Manual Sun	imary Rollup 💼		Finish-only		3	Dead		
		Milestone 🔶	Inactive Tas	1.		Manual 7			Manual Sun			External Task			Criti		



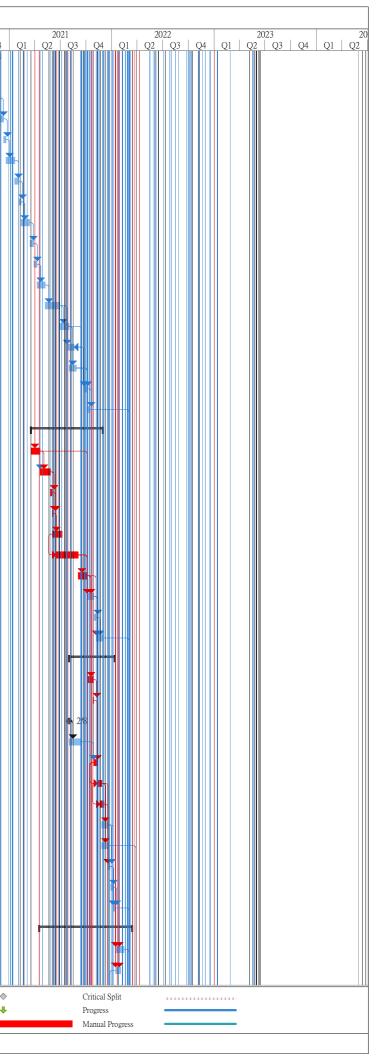
1_	1 37		D :		D · ·	TN	<b>B</b> 1 0		ract No. ED			T . TH	m . 1			000
Т	ask Name		Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Finis		Late Finish	Total TI Slack	RA Predecess		2020 2   (
964	Proof-drilling Works		11 days	0 days	11 days	0%	Mon 23/11/20	Fri 4/12/20	NA	NA	Tue 2/2/21	Wed 17/2/21	58 days 2	days 963		
965	South Abutment		166 days	0 days	166 days	0%	Wed 3/2/21	Thu 26/8/21	NA	NA	Thu 18/2/21	Tue 7/9/21	10 days	968SS,96	ŧ	
66	South Abutment ELS- Des	ign and Method Statement Submission	0 days	0 days	0 days	0%	Mon 4/1/21	Mon 4/1/21	NA	NA	Tue 19/1/21	Tue 19/1/21	15 days 1	day		
67	South Abutment ELS - De	sign and Method Statement Comment & Appraoval	30 days	0 days	30 days	0%	Mon 4/1/21	Tue 2/2/21	NA	NA	Tue 19/1/21	Wed 17/2/21	15 days 1	day 966		
58	Drive sheetpile (~900m) Pr	rod. Rate: 10m/d/team	11 days	0 days	11 days	0%	Wed 3/2/21	Thu 18/2/21	NA	NA	Thu 18/2/21	Tue 2/3/21	10 days 2	days 964,967,9	30	
59	Excavation ~1,344m3 & la	teral support. Prod. Rate: 160m3/day/team	11 days	0 days	11 days	0%	Fri 19/2/21	Wed 3/3/21	NA	NA	Mon 22/3/21	Tue 6/4/21	26 days 2	days 968		
70	Blinding layer		1 day	0 days	1 day	0%	Thu 4/3/21	Thu 4/3/21	NA	NA	Wed 7/4/21	Wed 7/4/21	26 days 0	days 969		
1	South Abutment Formwork	c- Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 21/12/20	Mon 21/12/20	NA	NA	Tue 9/3/21	Tue 9/3/21	78 days 1	day		
2		c - Design and Method Statement Comment &	30 days	0 days	30 days	0%	Mon 21/12/20	Tue 19/1/21	NA	NA	Tue 9/3/21	Wed 7/4/21	78 days 1	day 971		
3	Appraoval Base Slab		36 days	0 days	36 days	0%	Wed 17/3/21	Fri 30/4/21	NA	NA	Thu 8/4/21	Fri 21/5/21	16 days 2	days 970,972,9	86	
4	Wall (3.85m thk). Prod. Ra	ate: 18d/bay/team	39 days	0 days	39 days	0%	Mon 3/5/21	Fri 18/6/21	NA	NA	Sat 22/5/21	Thu 8/7/21	16 days 3	days 973		
5	Wall (0.5m thk)		52 days		52 days	0%	Sat 19/6/21		NA	NA	Fri 9/7/21	Tue 7/9/21	16 days 2			
6	Install bridge bearing		8 days		8 days	0%	Fri 27/8/21		NA	NA	Wed 8/9/21	Thu 16/9/21	10 days 1		22 965	
7		394-1444.7 - Total 8 bays (4 bay/side)	259 days		259 days	0%	Mon 21/9/20	Fri 6/8/21	NA	NA	Sun 15/11/20	Sat 4/12/21	45 days	uay 975,750,0		
8						0%		Mon 21/9/20		NA				dav		
	Submission	S - Temp. Works Design and Method Statement		0 days	0 days		Mon 21/9/20				Sun 15/11/20	Sun 15/11/20	55 days 1			
9	Comment & Approval	S - Temp. Works Design and Method Statement	30 days		30 days	0%	Mon 21/9/20	Tue 20/10/20		NA	Sun 15/11/20	Mon 14/12/20	55 days 1		(2)	
)	Drive sheetpile (~240m) P		26 days		26 days	0%	Mon 23/11/20	Tue 22/12/20		NA	Tue 15/12/20	Sat 16/1/21	19 days 2		33	
		teral support. Prod. Rate: 160m3/day/team	19 days		19 days	0%	Wed 23/12/20		NA	NA	Mon 18/1/21	Mon 8/2/21	19 days 2			
2	Rock Replacement		7 days	0 days	7 days	0%	Sun 17/1/21	Sat 23/1/21	NA	NA	Tue 9/2/21	Mon 15/2/21	23 days 1	day 981		
5	Blinding layer. Prod. Rate:	2bays/day	1 day	0 days	1 day	0%	Mon 25/1/21	Mon 25/1/21	NA	NA	Tue 16/2/21	Tue 16/2/21	16 days 1	day 981,982		
	Sourth Approach - Formwo	orks Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 1/12/20	Tue 1/12/20	NA	NA	Mon 18/1/21	Mon 18/1/21	48 days 1	day		
5	South Approach Ramp For Appraoval	mworks Design and Method Statement Comment &	30 days	0 days	30 days	0%	Tue 1/12/20	Wed 30/12/20	NA	NA	Mon 18/1/21	Tue 16/2/21	48 days 1	day 984		
5	6 x Base Slab Prod. Rate:	2d/bay/team x 2 teams	40 days	0 days	40 days	0%	Tue 26/1/21	Tue 16/3/21	NA	NA	Wed 17/2/21	Wed 7/4/21	16 days 4	days 983,985,2	14	
7	6 x Wall. Prod. Rate: 12d/b	bay/team x 3 level x 2 teams	78 days	0 days	78 days	0%	Wed 17/3/21	Tue 22/6/21	NA	NA	Mon 28/6/21	Tue 28/9/21	82 days 6	days 986		
3	Backfilling ~4,765.89m3 v +12d shoring removal x 2	vithin approach ramp to formation level (160m3/day) (considered time for SRT)	38 days	0 days	38 days	0%	Wed 23/6/21	Fri 6/8/21	NA	NA	Fri 22/10/21	Sat 4/12/21	100 days 2	days 987		
)	CH1386-1444: South Approac	ch Ramp (50m): Parapet, Central Median & Furniture	43 days	0 days	43 days	0%	Wed 15/12/21	Wed 9/2/22	NA	NA	Wed 15/12/21	Wed 9/2/22	0 days	988		
)		dian and Utilities Trough (5m per day per team) x 1	23 days	0 days	23 days	0%	Wed 15/12/21	Thu 13/1/22	NA	NA	Wed 15/12/21	Thu 13/1/22	0 days 2	days 253,956		
1		m per day per team) x 2 team + 2 team x 6 day	13 days	0 days	13 days	0%	Fri 14/1/22	Fri 28/1/22	NA	NA	Fri 14/1/22	Fri 28/1/22	0 days 2	days 988,253,9	90	
2	CH1386-1444: Road Furni	ture	7 days	0 days	7 days	0%	Sat 29/1/22	Wed 9/2/22	NA	NA	Sat 29/1/22	Wed 9/2/22	0 days 1	day 990,358,9	91	
3	CH1087 - 1444: Bitumen Pavi	ing and Lighting	60 days	0 days	60 days	0%	Thu 30/12/21	Mon 14/3/22	NA	NA	Wed 15/12/21	Tue 1/3/22	-11 days 1	day 813,884,8	92FF,9	
L I	2.6 Utility Laying		1 day?	0 days	1 day?	0%	Thu 16/5/19	Thu 16/5/19	NA	NA	Wed 29/5/24	Wed 29/5/24	1840 d			
5	CH1087-1311 (224m): Utility La	ying (by Others) (Agreed)	63 days	0 days	63 days	0%	Wed 29/12/21	Tue 1/3/22	NA	NA	Wed 29/12/21	Tue 1/3/22	0 days			
6	CLP (132kV)		63 days		63 days	0%	Wed 29/12/21		NA	NA	Wed 29/12/21	Tue 1/3/22	0 days 1	day 899,9558	3+32 d	
7	CLP (11kV)		63 days	-	63 days	0%	Wed 29/12/21		NA	NA	Wed 29/12/21	Tue 1/3/22	0 days 1			
8	HKCG		53 days		53 days	0%	Wed 29/12/21		NA	NA	Sat 8/1/22	Tue 1/3/22	10 days 1			
9	CATV		23 days		23 days	0%	Wed 29/12/21	Thu 20/1/22		NA	Thu 3/2/22	Fri 25/2/22	36 days 1			
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00	Towngas telecom		27 days		27 days	0%	Wed 29/12/21	Mon 24/1/22		NA	Thu 3/2/22	Tue 1/3/22	36 days 1			
01	PCCW-HKT	PO()	23 days	-	23 days	0%	Wed 29/12/21	Thu 20/1/22		NA	Sun 6/2/22	Mon 28/2/22	39 days 1	-		
02	Fresh and Salt Watermains (by		24 days		24 days	0%	Wed 29/12/21			NA	Sun 6/2/22	Tue 1/3/22	39 days 1	day 1001SS		
)3	CH1311-1396 (85m): Utility Lay	ing (by Others) (Agreed)	84 days		84 days	0%	Thu 7/10/21	Wed 29/12/21		NA	Fri 4/2/22	Tue 1/3/22	62 days			
)4	CLP (11kV)		26 days	0 days	26 days	0%	Wed 5/1/22	Sun 30/1/22	NA	NA	Fri 4/2/22	Tue 1/3/22	30 days 1			
05	PCCW-HKT		18 days	0 days	18 days	0%	Wed 5/1/22	Sat 22/1/22	NA	NA	Sat 12/2/22	Tue 1/3/22	38 days 1	day 1004SS		
06	Sat and Fresh Watermain (by	POC)	18 days	0 days	18 days	0%	Wed 5/1/22	Sat 22/1/22	NA	NA	Sat 12/2/22	Tue 1/3/22	38 days 1	day 1005SS		
07	Underpass and Depressed Road		619 days	142.15 days	476.85 days	0%	Tue 3/9/19	Mon 4/10/21	Tue 3/9/19	NA	Tue 3/9/19	Tue 1/3/22	120 days			_
	11 Drog with Drog with	Task	Summary			Inactive N	Milestone 🔷		Duration-o	nly		Start-only	C		External N	Miles
	v.11 Prog with Progress -May-20	Split	Project Sum			Inactive S	Summary		1 Manual Su	mmary Rollup		Finish-only	C		Deadline	
J. 22		Milestone 🔶	Inactive Tasl	k		Manual T	ask		Manual Su	mmary	I	External Task	s		Critical	



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|                                                                                                                                | North Depressed Rd (CH1560-1720)         Ground Monitoring Works         Mobilization         Complete the Diversition of Existing Overhang Cable along the North Depresse<br>Rd         Drive Sheet Pile (380m, 15000m presentation depth) Prod. Rate by 2 teams<br>(around 125m penetration depth per day per team)         Pumping Test         CH1560 - CH1720 North Depress Road         Excavation with Shoring Installation - Prod Rate: 270m3/d/team.<br>(~36.61 m3), 1 team         CKCK No. 73 - April 2020 Inclement Weather         May 2020 - Inclement Weather         Rock Fill Replacement (Final Level)         6 Bay Base Slabs + 3 Levels Wall Both Sides         Base Slab and Wall Below 4th Level Shoring         Base Slab and Yall Evel Shoring Removal         Wall Construction (between 3rd and 4th levels shoring) and Remaining Base<br>Slab         Backfilling and 3rd Level Shoring Removal         Structure Works Below 2nd & 3rd Levels Shoring         Backfill & extract sheet pile (CH1560 to CH1720)         Emergency walkway & median barrier installation         Parapet installation         CH1720 - CH1850 (130m long) (2 x teams)         Drive sheet pile (approx. 17000m pneetration depth, 380m/day)         Punping Test         CH1720 - CH1850 (130m long) (2 x teams) Top Portion: Excavation with<br>Shoring Installation = 23,000 cu.m. (320m3/d/team x 2)         CK11720 - CH1850 (130m long) (2 x t | North Depressed Rd (CH1560-1720)     562 days       Ground Monitoring Works     17 days       Mobilization     7 days       Complete the Divertion of Existing Overhang Cable along the North Depressed Rd     1 day Rd       Drive Sheet Pile (380m, 15,000m penetration depth) Prod. Rate by 2 teams     39 days       Pumping Test     120 days       CH1560 - CH1720 North Depress Road     449 days       Exc-56,011m3). 1 team     45 days       CNCE INS, 73, April 2020 Inclement Weather     8 days       May 2020 - Inclement Weather     3 days       Rock Fill Replacement (Final Level)     6 days       Base Slab and Wall Below 4th Level Shoring     25 days       Base Slab and Wall Below 4th Level Shoring     26 days       Wall Construction (between 3rd and 4th levels shoring) and Remaining Base     24 days       Structure Works Below 2nd & 3rd Level Shoring     30 days       Basekfilling and 2nd Level Shoring Removal     18 days       Basekfilling and 2nd Level Shoring Removal     8 days       Drive sheet pile (CH1560 to CH1720)     26 days       Drive sheet pile (approx. 17000m penetration depth, 380m/day)     47 days       CH1720 - CH1850 (130m long) (2 x teams) Top Portion: Excavation with Shoring Installation = 23.350 cum. 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Rate by 2 teams)39 daysPamping Test120 daysCH1560 - CH1720 North Depress Road449 daysExcervation with Shoring Installation - Prod Rate: 270m3/d/neam.45 daysCNUE No. 75 - April 2020 Inciencent Weather8 daysCNUE No. 75 - April 2020 Inciencent Weather8 daysOdays6 daysBase Slab and Wall Below 4th Level Shoring18 daysBase Slab and Wall Below 4th Level Shoring28 daysBase Slab and Wall Below 4th Level Shoring24 daysWall Construction (britween Strd and 4th levels Shoring) and Remaining Base24 daysWall Construction (britween Strd and 4th levels Shoring)26 daysBaseKilling and 2nd Level Shoring Removal18 daysBaseKilling and 2nd Level Shoring Removal20 daysOdrive Shoring Installation20 daysOdrive Shoring Installation20 daysOdrive Shoring Installation20 daysOdrive Shoring Installation = 23.000 cun. (20 mismiddem x 2)Drive short plic (aproxs. 7000m penetration depth, 380m/day)64 days< | North Depressed Rd (CH1560-1720)DurationDurationGround Monitoring Works17 days7 days7 days8.058 daysMobilization7 days7 days0 days0 daysComplete the Divention of Existing Overhang Cable along the North Depressed1 day1 day0 daysDering Test120 days75 days45 days45 daysCH1500 - CH1720 North Depress Road449 day96 days8 days8 daysCNET Ros 7A - Agrill 2000 Indiciment Weather46 days96 days6 daysCNET Ros 7A - Agrill 2000 Indiciment Weather6 days0 days6 daysCNET Ros 7A - Agrill 2000 Indiciment Weather6 days0 days6 daysCNET Ros 7A - Agrill 2000 Indiciment Weather6 days0 days6 daysCNET Ros 7A - Agrill 2000 Indiciment Weather6 days0 days6 daysBack Fill Replacement (Final Level)6 days0 days6 daysBack Fill Replacement Ginal Level6 days0 days18 daysBackfilling and 3 dLevel Shoring Removal18 days0 days18 daysBackfilling and 3 dLevel Shoring Removal20 days0 days24 daysBackfilling and 3 dLevel Shoring Removal20 days0 days24 daysBackfilling and 2 dLevel Shoring Removal <td>North Depresent R4 (CH1560-1720)         Sold Agy         Plantane         Duration         Duration         Complex           Ground Meriatoring Works         17 days         7 days         0 days         00%           Moth Depresent R4 (CH1560-1720)         7 days         7 days         0 days         00%           Complete the Diversition of Existing Orechang Cable along the North Depresent         40         1 day         0 days         0 d</td> <td>Details         Details         <t< td=""><td>Inclusions         Data into         Data into         Data into         Data into         Data into         Display           Model Decrement Memberny Work         17 days         1 days         0.005         Tata MVV         Tata MVVV         Tata MVVV         Tata MVVV         Tata MVVV         Tata MVVVV         Tata MVVVV         Tata MVVVV         Tata MVVVV         Tata MVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV</td><td>Detail         Detail         <thdetail< th=""> <thdetail< th=""> <thdetail< td="" th<=""><td>Database         Database         Database         District         District</td><td>Name         Dimension         Distance         Cancer         Early 200         Cancer         Distance         <thdistance< th=""> <thdistance< th=""> <thdis< td=""><td>North Decense M (E):::00 (Za)         North Decense M (E):::00 (Za)         North Decense M (E)::00 (Za)         North Decense M (Za)         North Decense M</td><td>Name         Description         Description         First Proceed         The 2000         Name         Name</td><td>North Random         North Random&lt;</td><td>Description         Description         <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<></td><td>Decisity         Decisity         Partial         No.         No.        No.</td></thdis<></thdistance<></thdistance<></td></thdetail<></thdetail<></thdetail<></td></t<></td> | North Depresent R4 (CH1560-1720)         Sold Agy         Plantane         Duration         Duration         Complex           Ground Meriatoring Works         17 days         7 days         0 days         00%           Moth Depresent R4 (CH1560-1720)         7 days         7 days         0 days         00%           Complete the Diversition of Existing Orechang Cable along the North Depresent         40         1 day         0 days         0 d | Details         Details <t< td=""><td>Inclusions         Data into         Data into         Data into         Data into         Data into         Display           Model Decrement Memberny Work         17 days         1 days         0.005         Tata MVV         Tata MVVV         Tata MVVV         Tata MVVV         Tata MVVV         Tata MVVVV         Tata MVVVV         Tata MVVVV         Tata MVVVV         Tata MVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV</td><td>Detail         Detail         <thdetail< th=""> <thdetail< th=""> <thdetail< td="" th<=""><td>Database         Database         Database         District         District</td><td>Name         Dimension         Distance         Cancer         Early 200         Cancer         Distance         <thdistance< th=""> <thdistance< th=""> <thdis< td=""><td>North Decense M (E):::00 (Za)         North Decense M (E):::00 (Za)         North Decense M (E)::00 (Za)         North Decense M (Za)         North Decense M</td><td>Name         Description         Description         First Proceed         The 2000         Name         Name</td><td>North Random         North Random&lt;</td><td>Description         Description         <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<></td><td>Decisity         Decisity         Partial         No.         No.        No.</td></thdis<></thdistance<></thdistance<></td></thdetail<></thdetail<></thdetail<></td></t<> | Inclusions         Data into         Data into         Data into         Data into         Data into         Display           Model Decrement Memberny Work         17 days         1 days         0.005         Tata MVV         Tata MVVV         Tata MVVV         Tata MVVV         Tata MVVV         Tata MVVVV         Tata MVVVV         Tata MVVVV         Tata MVVVV         Tata MVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV | Detail         Detail <thdetail< th=""> <thdetail< th=""> <thdetail< td="" th<=""><td>Database         Database         Database         District         District</td><td>Name         Dimension         Distance         Cancer         Early 200         Cancer         Distance         <thdistance< th=""> <thdistance< th=""> <thdis< td=""><td>North Decense M (E):::00 (Za)         North Decense M (E):::00 (Za)         North Decense M (E)::00 (Za)         North Decense M (Za)         North Decense M</td><td>Name         Description         Description         First Proceed         The 2000         Name         Name</td><td>North Random         North Random&lt;</td><td>Description         Description         <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<></td><td>Decisity         Decisity         Partial         No.         No.        No.</td></thdis<></thdistance<></thdistance<></td></thdetail<></thdetail<></thdetail<> | Database         Database         Database         District         District | Name         Dimension         Distance         Cancer         Early 200         Cancer         Distance         Distance <thdistance< th=""> <thdistance< th=""> <thdis< td=""><td>North Decense M (E):::00 (Za)         North Decense M (E):::00 (Za)         North Decense M (E)::00 (Za)         North Decense M (Za)         North Decense M</td><td>Name         Description         Description         First Proceed         The 2000         Name         Name</td><td>North Random         North Random&lt;</td><td>Description         Description         <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<></td><td>Decisity         Decisity         Partial         No.         No.        No.</td></thdis<></thdistance<></thdistance<> | North Decense M (E):::00 (Za)         North Decense M (E):::00 (Za)         North Decense M (E)::00 (Za)         North Decense M | Name         Description         Description         First Proceed         The 2000         Name         Name | North Random         North Random< | Description         Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<> | Decisity         Decisity         Partial         No.         No.        No. |

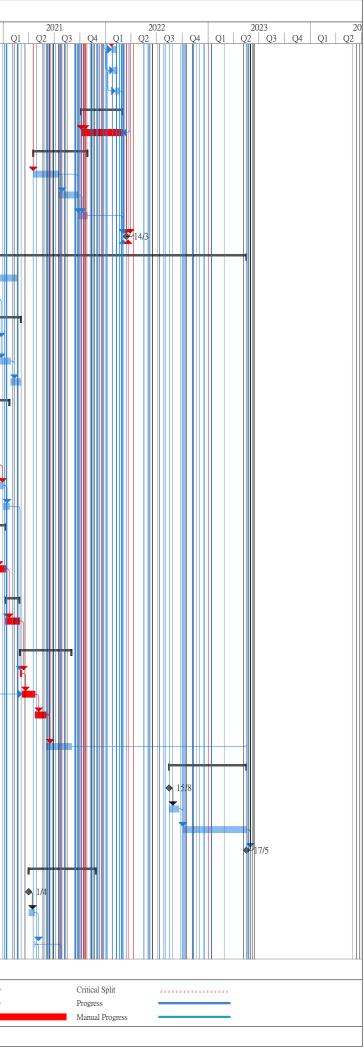


Ta	ask Name	Duration	Actual	Remaining	Physical %	Early Start	Early Finish	Actual Stor	rt Actual Finis	sh Late Start	Late Finish	Total TRA	Predecessors	20
			Duration	Duration	Complete							Slack	1 10000050015	Q2
051	Underpass Formworks Design and Method Statement Submission		0 days	0 days	0%	Mon 14/9/20	Mon 14/9/20		NA	Tue 3/11/20	Tue 3/11/20	50 days 1 day	1051	
052	Underpass Formworks Design and Method Statement Comment & Appraoval		-	30 days	0%	Mon 14/9/20	Tue 13/10/20		NA	Tue 3/11/20	Wed 2/12/20	50 days 1 day	1051	
1053	Casting base slab (12d/bay/team x 3) (6 bays)	26 days		26 days	0%	Wed 28/10/20			NA	Thu 3/12/20	Tue 5/1/21	31 days 2 day	1050,1052,262	
1054	Waterproofing & Bacfilling before S3 Shoring Removal	12 days	0 days	12 days	0%	Fri 27/11/20	Thu 10/12/20	NA	NA	Wed 6/1/21	Tue 19/1/21	31 days 1 day	1053	
1055	S3 Shoring ELS Removal + North/South End Re-propping	7 days	0 days	7 days	0%	Fri 11/12/20	Fri 18/12/20	NA	NA	Wed 20/1/21	Wed 27/1/21	31 days 1 day	1054	
1056	Wall Construction up to soffit of S2 Shoring (12d/bay/team x 3) (6 bays)	24 days	0 days	24 days	0%	Sat 19/12/20	Tue 19/1/21	NA	NA	Thu 28/1/21	Sat 27/2/21	31 days 2 day	1055	
1057	Waterproofing & Bacfilling before S2 Shoring Removal	12 days	0 days	12 days	0%	Wed 20/1/21	Tue 2/2/21	NA	NA	Mon 1/3/21	Sat 13/3/21	31 days 1 day	1056	
1058	S2 Shoring ELS Removal + North/South End Re-propping	7 days	0 days	7 days	0%	Wed 3/2/21	Wed 10/2/21	NA	NA	Mon 15/3/21	Mon 22/3/21	31 days 1 day	1057	
1059	Wall Construction up to soffit of S1 Shoring (12d/bay/team x 3) (6 bays)	24 days	0 days	24 days	0%	Thu 11/2/21	Sat 13/3/21	NA	NA	Tue 23/3/21	Thu 22/4/21	31 days 2 day	1058	
1060	Waterproofing & Bacfilling before S1 Shoring Removal	12 days	0 days	12 days	0%	Mon 15/3/21	Sat 27/3/21	NA	NA	Fri 23/4/21	Fri 7/5/21	31 days 1 day	1059	
1061	S1 Shoring ELS Removal + North/South End Re-propping	7 days	0 days	7 days	0%	Mon 29/3/21	Thu 8/4/21	NA	NA	Sat 8/5/21	Sat 15/5/21	31 days 1 day	1060	
1062	Scaffold erection for roof slab	24 days	0 days	24 days	0%	Fri 9/4/21	Fri 7/5/21	NA	NA	Mon 17/5/21	Tue 15/6/21	31 days 2 day	1061	
1063	Roof slab construction (18d/bay/team x 3) (6 bays)	42 days	0 days	42 days	0%	Sat 8/5/21	Mon 28/6/21	NA	NA	Wed 16/6/21	Wed 4/8/21	31 days 4 days	1062	
1064	Waterproofing & Backfilling upto tunnel top	28 days	0 days	28 days	0%	Tue 29/6/21	Sat 31/7/21	NA	NA	Thu 5/8/21	Mon 6/9/21	31 days 2 day	1063	
1065	Scaffold removal after 28 days from casting	22 days	0 days	22 days	0%	Mon 26/7/21	Thu 19/8/21	NA	NA	Thu 13/1/22	Thu 10/2/22	141 days 1 day	1063FS+22 days	
1066	Sheetpile extraction (Ch1851-CH1950)	22 days	0 days	22 days	0%	Mon 2/8/21	Thu 26/8/21	NA	NA	Tue 7/9/21	Mon 4/10/21	31 days 1 day	1064	
1067	Emergency walkway & median barrier installation	9 days		9 days	0%	Fri 24/9/21	Tue 5/10/21		NA	Fri 11/2/22	Mon 21/2/22	112 days 1 day	323,1066,1040,1	
1068	Parapet installation		0 days	7 days	0%	Wed 6/10/21	Wed 13/10/21		NA	Tue 22/2/22	Tue 1/3/22	112 days 1 day	1067	
1069	CH1950 - CH2020 (70m long) (2 x teams) 4 bays x 17.5m long - Average 3 laye	-	-	209 days	0%	Fri 19/3/21	Mon 29/11/21		NA	Sat 6/3/21	Tue 1/3/22	-11 days	1007	
1070	Shoring Drive sheet pile ( approx. 8,800m embedded length sheetpile), 380m/team/day			24 days	0%	Fri 19/3/21	Mon 19/4/21		NA	Sat 6/3/21	Tue 6/4/21	-11 days 1 day	1027	
1070	Excavation with Shoring Installation - Prod. Rate: 2 teams x 250m3/d/team.			30 days	0%	Tue 20/4/21	Wed 26/5/21		NA	Wed 7/4/21	Wed 12/5/21	-11 days 1 day	1027	
	(14,500m3)	30 days											· ·	
1072	Rock Fill Replacement	-	0 days	6 days	0%	Thu 27/5/21		NA	NA	Thu 13/5/21	Thu 20/5/21	-11 days 0.5 days	1071	
1073	Blinding		0 days	1 day	0%	Thu 3/6/21		NA	NA	Fri 21/5/21	Fri 21/5/21	-11 days 0.5 days	1071,1072	
1074	Base Slab - 4 bays. Prod. Rate: 12d/team/bay include pipe laying. 2 team	26 days	0 days	26 days	0%	Fri 4/6/21	Tue 6/7/21	NA	NA	Sat 22/5/21	Tue 22/6/21	-11 days 2 days	1073	
1075	Wall - 4 bays. Prod. Rate: 3 level of shoring 12d/bay/level/team. 2 teams	67 days	0 days	67 days	0%	Wed 16/6/21	Thu 2/9/21	NA	NA	Wed 2/6/21	Fri 20/8/21	-11 days 6 days	1074SS+9 days	
1076	Backfill & extract sheet pile (CH1950 to CH2020)	25 days	0 days	25 days	0%	Fri 3/9/21	Mon 4/10/21	NA	NA	Sat 21/8/21	Sat 18/9/21	-11 days 2 days	1075	
1077	CH1950 to CH2020: Emergency walkway & median barrier installation	20 days	0 days	20 days	0%	Tue 5/10/21	Thu 28/10/21	NA	NA	Mon 3/1/22	Tue 25/1/22	73 days 2 days	1075,1076	
1078	CH1950 to CH2020: Pavement work	7 days	0 days	7 days	0%	Fri 29/10/21	Fri 5/11/21	NA	NA	Wed 26/1/22	Sat 5/2/22	73 days 1 day	1077	
1079	CH1950 to CH2020: Parapet installation	20 days	0 days	20 days	0%	Sat 6/11/21	Mon 29/11/21	NA	NA	Mon 7/2/22	Tue 1/3/22	73 days 2 day	1076,1077,1078	
1080	South Depressed Road CH2020-2050 (40m long) (2 x teams) 5 bays x 13.5m lon Average 2 layers of shoring	g - 134 days	0 days	134 days	0%	Mon 2/8/21	Tue 11/1/22	NA	NA	Sun 5/9/21	Tue 1/3/22	30 days		
1081	Open Excavation	17 days	0 days	17 days	0%	Tue 5/10/21	Mon 25/10/21	NA	NA	Mon 20/9/21	Mon 11/10/21	-11 days 3 days	1076	
1082	Blinding	2 days	0 days	2 days	0%	Tue 26/10/21	Wed 27/10/21	NA	NA	Tue 12/10/21	Wed 13/10/21	-11 days 0 days	1081	
1083	South Depress Road - Formworks Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 2/8/21	Mon 2/8/21	NA	NA	Sun 5/9/21	Sun 5/9/21	34 days 1 day		
1084	South Depress Road - Formworks Design and Method Statement Comment &	40 days	0 days	40 days	0%	Mon 2/8/21	Fri 10/9/21	NA	NA	Sun 5/9/21	Thu 14/10/21	34 days 1 day	1083	
1085	Appraoval Base Slab - 3 bays. Prod. Rate: 12d/team/bay include pipe laying. 2 teams	12 days	0 days	12 days	0%	Thu 28/10/21	Wed 10/11/21	NA	NA	Fri 15/10/21	Thu 28/10/21	-11 days 2 day	1082,1084,314	
1086	Wall - 3 bays. Prod. Rate: 2 level of shoring 12d/bay/level/team. 2 teams	12 days	0 days	12 days	0%	Fri 12/11/21	Thu 25/11/21	NA	NA	Sat 30/10/21	Fri 12/11/21	-11 days 0.5day	1085SS+13	
1087	Wall - 3 bays. Prod. Rate: 2 level of shoring 12d/bay/level/team. 2 teams	12 days		12 days	0%	Sat 20/11/21		NA	NA	Mon 8/11/21	Sat 20/11/21	-11 days 0.5day	days 1086SS+7 days	
1088	Backfill & extract sheet pile	19 days		19 days	0%	Fri 26/11/21	Fri 17/12/21		NA	Fri 14/1/22	Tue 8/2/22	39 days 1 day	1086	
1089	Curing and Formwork Ramoval	19 days		19 days	0%	Fri 26/11/21	Fri 17/12/21		NA	Thu 30/12/21	Fri 21/1/22	27 days 1 day	1086	
1089	Emergency walkway & median barrier installation		0 days	6 days	0%	Sat 18/12/21	Fri 24/12/21		NA	Wed 9/2/22	Tue 15/2/22	39 days 2 days	1086,1088,323	
				-										
1091	Pavement work	-	0 days	6 days	0%	Tue 28/12/21		NA	NA	Wed 16/2/22	Tue 22/2/22	39 days 1 day	1090	
1092	Parapet installation		0 days	6 days	0%	Wed 5/1/22	Tue 11/1/22		NA	Wed 23/2/22	Tue 1/3/22	39 days 1 day	1090,1088,1091	
1093	5.0 CH1386-1950 (564m) : Utlity Laying Team 2 (by Others)	332 days		332 days	0%	Sat 17/4/21	Mon 14/3/22		NA	Thu 19/8/21	Tue 1/3/22	-13 days		
1094	CLP (132kV)	30 days	0 days	30 days	0%	Fri 14/1/22	Sat 12/2/22	NA	NA	Mon 31/1/22	Tue 1/3/22	17 days 1 day	946,990,1027	
1095	HKCG	18 days	0 days	18 days	0%	Fri 14/1/22	Mon 31/1/22	NA	NA	Tue 25/1/22	Fri 11/2/22	11 days 1 day	946,990,1027	
itle: Por	7.11 Prog with Progress	Summary			Inactive 1	Vilestone 🔷		Duration	1-only		Start-only	C	Exte	rnal Mil
	-May-20 Split			1	Inactive S				Summary Rollup	•	Finish-only	3	Dead	
	Milestone	Inactive Task	k		Manual T	ask		Manual	Summary		External Tas	ks	Criti	cal

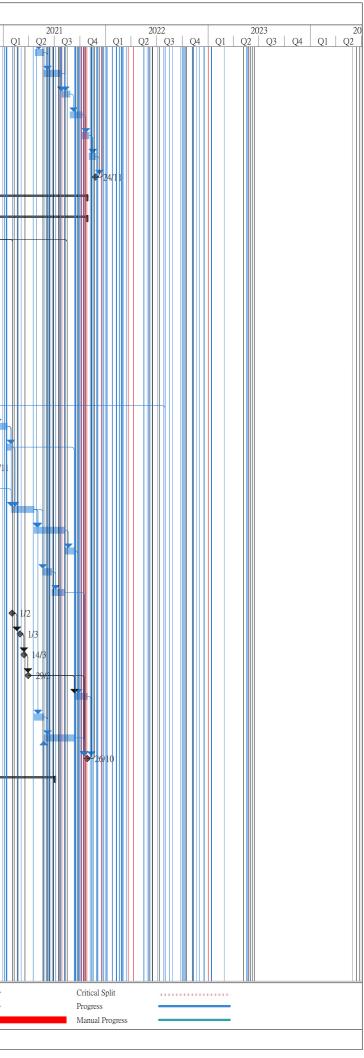


096 097 098 099	sk Name HGC CATV	Duration 15 days	Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Star	t Actual Fini	an Law Start	Late Finish	Total Slack	TRA	Predecessors	202 Q2	
97 98		15 days	0 days													
98	CATV			15 days	0%	Fri 21/1/22	Fri 4/2/22	NA	NA	Tue 1/2/22	Tue 15/2/22	11 days		1095SS+7 days,		
		13 days	0 days	13 days	0%	Fri 28/1/22	Wed 9/2/22	NA	NA	Tue 8/2/22	Sun 20/2/22	11 days	1 day	1096SS+7 days		
199	Towngas telecom	15 days	0 days	15 days	0%	Fri 4/2/22	Fri 18/2/22	NA	NA	Tue 15/2/22	Tue 1/3/22	11 days	1 day	1097SS+7 days		
	North & South Depress Raod and Underpass: Finishing and E&M Works	120 days	0 days	120 days	0%	Tue 5/10/21	Tue 1/3/22	NA	NA	Tue 5/10/21	Tue 1/3/22	0 days				
00	Finishing & Fitting Out Work, and E&M Works Installation	120 days	0 days	120 days	0%	Tue 5/10/21	Tue 1/3/22	NA	NA	Tue 5/10/21	Tue 1/3/22	0 days	8 days	306,271,323,108		
101	Pump Room Next to Underpass: Finishing and E&M Works	158 days	0 days	158 days	0%	Sat 17/4/21	Tue 26/10/21	NA	NA	Thu 19/8/21	Tue 1/3/22	102 days				
102	Finishing Works and E&M installation	73 days	0 days	73 days	0%	Sat 17/4/21	Thu 15/7/21	NA	NA	Thu 19/8/21	Mon 15/11/21	102 days	3 days	1042FS+36 days		
103	Pump Installation	60 days	0 days	60 days	0%	Fri 16/7/21	Fri 24/9/21	NA	NA	Tue 16/11/21	Thu 27/1/22	102 days	2 days	1102		
104	Testing and Commissioning	25 days	0 days	25 days	0%	Sat 25/9/21	Tue 26/10/21	NA	NA	Fri 28/1/22	Tue 1/3/22	102 days	1 days	1102,1103		
105	Planned Completion for Section 1	0 days	0 days	0 days	0%	Mon 14/3/22	Mon 14/3/22	NA	NA	Tue 1/3/22	Tue 1/3/22	-13 days		1408,1414,1068,		
106	Sections 2,4 and 8	824 days	0 days	824 days	0%	Mon 10/8/20	Wed 17/5/23	NA	NA	Mon 17/8/20	Wed 29/5/24	6 days				
107	Offsite 14 units of precast box culvert with outfall fabrication	100 days	0 days	100 days	0%	Mon 19/10/20	Fri 19/2/21	NA	NA	Thu 3/12/20	Thu 8/4/21	38 days	30 days	406,414		
108	MDN application	45 days	0 days	45 days	0%	Mon 26/10/20	Wed 9/12/20	NA	NA	Sun 21/1/24	Tue 5/3/24	1182 d	1 days			
109		67 days		67 days	0%	Thu 10/12/20		NA	NA	Wed 6/3/24	Wed 29/5/24	962 days				
110	Installation of Silt Curtain with Concrete Sinkers		0 days	6 days	0%	Thu 10/12/20	Wed 16/12/20		NA	Thu 23/5/24	Wed 29/5/24	1023 d		1108		
110	Demolition of Existing Seawall	37 days	-	37 days	0%	Thu 10/12/20	Mon 25/1/21		NA	Wed 6/3/24	Mon 22/4/24	962 days		1108		
	-		-													
112	Grade 200 rock filling and placing levelling stone	30 days		30 days	0%	Tue 26/1/21		NA	NA	Tue 23/4/24	Wed 29/5/24	962 days	1 uay	1111		
113	CH86 to CH70 ELS Works	136 days		136 days	0%	Mon 10/8/20	Thu 21/1/21		NA	Mon 17/8/20	Sat 27/2/21	6 days				
114	Temporary Works Design Preparation	25 days		25 days	0%	Mon 10/8/20		NA	NA	Mon 17/8/20	Mon 14/9/20		1 days			
115	Comment by PM	25 days	0 days	25 days	0%	Tue 8/9/20	Thu 8/10/20	NA	NA	Tue 15/9/20	Thu 15/10/20	6 days	1 days	1114		
116	Sheetpiling Installation with Grouting & Pumping Test (56m long on plan)	50 days	0 days	50 days	0%	Fri 16/10/20	Mon 14/12/20	) NA	NA	Fri 16/10/20	Mon 14/12/20	0 days	1 day	1420,1423,1115		
117	Excavation with Shoring Installation (1350 cu.m., 150 cu.m./d)	12 days	0 days	12 days	0%	Tue 15/12/20	Wed 30/12/20	NA	NA	Tue 22/12/20	Thu 7/1/21	6 days	3 day	1116		
118	Preparation of formation and laying of blinding layer	18 days	0 days	18 days	0%	Thu 31/12/20	Thu 21/1/21	NA	NA	Thu 4/2/21	Sat 27/2/21	29 days	0.5 day	1117		
119	CH70 to CH30 ELS Works	43 days	0 days	43 days	0%	Mon 16/11/20	Thu 7/1/21	NA	NA	Mon 16/11/20	Thu 7/1/21	0 days				
120	Sheetpiling Installation (80m on plan)	14 days	0 days	14 days	0%	Mon 16/11/20	Tue 1/12/20	NA	NA	Mon 16/11/20	Tue 1/12/20	0 days	0.5 day	1116SS+25 days		
121	Excavation with Shoring Installation (4500 cu.m., 160 cu.m./d x 1 team) and Preparation of Formation and Laying of Blinding Layer	29 days	0 days	29 days	0%	Wed 2/12/20	Thu 7/1/21	NA	NA	Wed 2/12/20	Thu 7/1/21	0 days	1 day	1120		
100		41.1	0.1	(1.)	0.01	E : 0/1/01	0		1.1	E : 0/1/01	0	0.1	1.1			
122	DCS Seawater Intake (Insitu Section Bay 15)	41 days		41 days	0%	Fri 8/1/21		NA	NA	Fri 8/1/21	Sat 27/2/21		1 days			
123	Construction of Cast in-situ Box Culvert with feeder pipe installation with Connection to Extisting Box Culvert(Bay 15, approx. 12m long)	41 days	0 days	41 days	0%	Fri 8/1/21	Sat 27/2/21	NA	NA	Fri 8/1/21	Sat 27/2/21	0 days	1 day	1117,1121		
124	Precast Units Installation	151 days	0 days	151 days	0%	Mon 1/3/21	Tue 31/8/21	NA	NA	Mon 1/3/21	Tue 30/5/23	0 days				
125	Preparation for Connecting Precast Units and Cast In-situ Bay 15	6 days	0 days	6 days	0%	Mon 1/3/21	Sat 6/3/21	NA	NA	Mon 1/3/21	Sat 6/3/21	0 days	1 days	1123,1118		
126	Installation of 14 precast units with feeder pipe installation (2.5 days per unit)	37 days		37 days	0%	Mon 8/3/21	Thu 22/4/21		NA	Mon 8/3/21	Thu 22/4/21		2 days	1125,1107SS+75		
127		-	-	33 days	0%	Fri 23/4/21	Wed 2/6/21		NA	Fri 23/4/21	Wed 2/6/21	0 days		days 1126		
121	Inspection Shaft Construction and Backfilling Upto +2.0mPD + Feeder Pipe Laying + Backfilling upto Final Formation Level	JJ uays	0 udys	55 uays	0.0	111 2017121	11 CU 2/0/21	1111	110	11123/4/21	1100 20121	0 uays	0.5 uay	1120		
128	Seawall Reinstatement	75 days	0 days	75 days	0%	Thu 3/6/21	Tue 31/8/21	NA	NA	Sat 25/2/23	Tue 30/5/23	518 days	2 days	1127		
129	Section 4: Part 2E	225 days	0 days	225 days	0%	Mon 15/8/22	Wed 17/5/23	NA	NA	Sat 10/9/22	Tue 30/5/23	10 days				
130	Abandon Existing DCS - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 15/8/22	Mon 15/8/22	NA	NA	Sat 10/9/22	Sat 10/9/22	26 days	1 day			
131	Abandon Existing DCS - Temp. Works Design and Method Statement Comment &	35 days	0 days	35 days	0%	Mon 15/8/22	Sun 18/9/22	NA	NA	Sat 10/9/22	Fri 14/10/22	26 days	1 day	1130		
132	Appraoval Part 2E - Abandon of existing DCS	185 days	0 days	185 days	0%	Mon 3/10/22	Wed 17/5/23	NA	NA	Sat 15/10/22	Tue 30/5/23	10 days	9 days	20,1131		
133	Planned Completion for Section 4	0 days	-	0 days	0%	Wed 17/5/23	Wed 17/5/23		NA	Tue 30/5/23	Tue 30/5/23	10 days		1132		
134	Section 8: Part 2A - Diversion & abandon of extg DCS box culvert	194 days	-	194 days	0%	Thu 1/4/21	Wed 24/11/21		NA	Fri 9/4/21	Thu 2/12/21	4 days				
135	-	0 days		0 days	0%	Thu 1/4/21	Thu 1/4/21		NA	Fri 9/4/21	Fri 9/4/21	8 days	1 dav			
136	Method Statement Submission Diversion & Abandon of Existing DCS Box Culvert - Temp. Works Design and Method Statement Comment & Appraoval			21 days	0%	Thu 1/4/21	Wed 21/4/21		NA	Fri 9/4/21	Thu 29/4/21		1 day	1135		
137	TTA Implementation	1 day	0 days	1 day	0%	Thu 22/4/21	Thu 22/4/21	NA	NA	Fri 30/4/21	Fri 30/4/21	7 days	0.5 day	1136		
																_

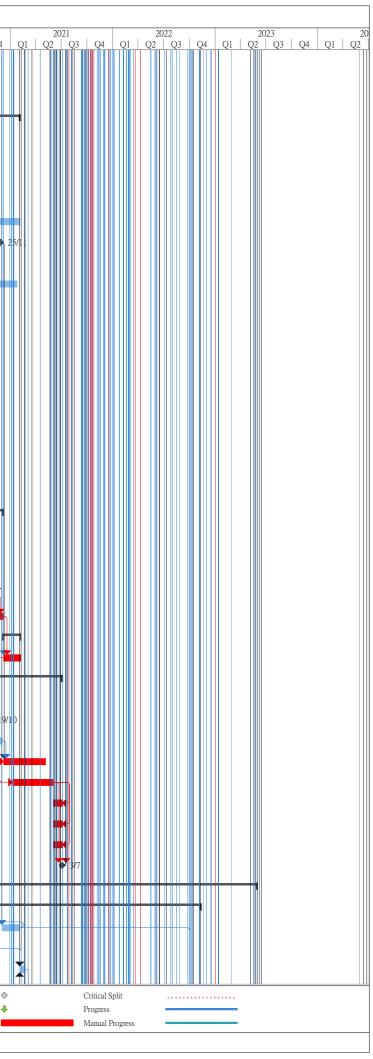
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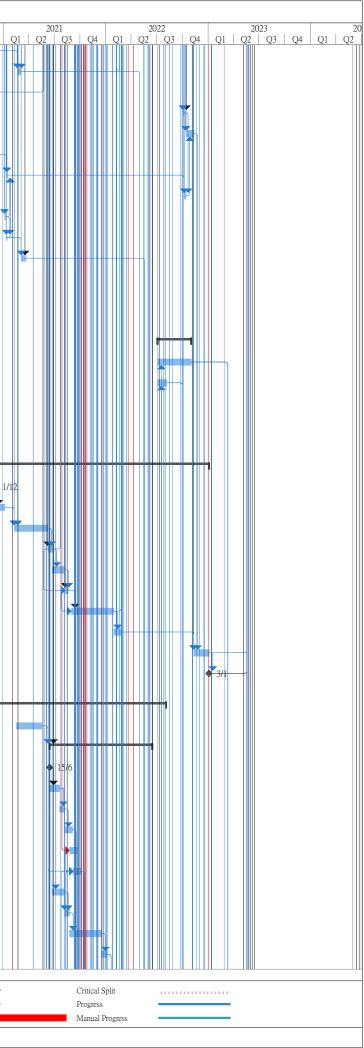
	aalt Nama	During	A atri-1	Domestin	Dlar:1 //	Earl- C.	East. E'	A atri-1 Cr	A at	h Loto Ct	Lote Eini 1	T-+-1	TDA	Deade	~	020
	ask Name	Duration	Duration	Remaining Duration	Physical % Complete	Early Start		Actual Start			Late Finish	Total Slack	TRA	Predecessors	Q2	020 Q3
1138	Sheetpile Installation	25 days	0 days	25 days	0%	Fri 23/4/21	Mon 24/5/21	NA	NA	Mon 3/5/21	Tue 1/6/21	7 days	1 day	1137		
139	Excavation with Shoring	52 days	0 days	52 days	0%	Tue 25/5/21	Mon 26/7/21	NA	NA	Wed 2/6/21	Tue 3/8/21	7 days	1 day	1138		
140	Diversion of existing DCS box culvert	26 days	0 days	26 days	0%	Tue 27/7/21	Wed 25/8/21	NA	NA	Wed 4/8/21	Thu 2/9/21	7 days	2 days	1137,410,1139		
141	Break up existing box culvert (4 walls) + top slab	35 days	0 days	35 days	0%	Thu 26/8/21	Thu 7/10/21	NA	NA	Fri 3/9/21	Sat 16/10/21	7 days	2 days	1140		
142	Construct new walls at existing box culvert	20 days	0 days	20 days	0%	Fri 8/10/21	Mon 1/11/21	NA	NA	Mon 18/10/21	Tue 9/11/21	7 days	1 days	1141		
1143	Abandon existing DCS box culvert	20 days	0 days	20 days	0%	Tue 2/11/21	Wed 24/11/21	NA	NA	Wed 10/11/21	Thu 2/12/21	7 days	1 days	1142		
1144	Planned Completion for Section 8	0 days	0 days	0 days	0%	Wed 24/11/21	Wed 24/11/21	l NA	NA	Thu 2/12/21	Thu 2/12/21	7 days	0 days	1143		
1145	Section 3	729 days	0 days	729 days	0%	Thu 16/5/19	Tue 26/10/21	NA	NA	Tue 2/6/20	Tue 2/11/21	6 days			$\vdash$	
1146	Part 2C - Lift LT3 & LT4	729 days	0 days	729 days	0%	Thu 16/5/19	Tue 26/10/21	NA	NA	Tue 2/6/20	Tue 2/11/21	6 days				
1147	Access Date - Part 2A.2C	0 days		0 days	0%	Tue 2/6/20	Tue 2/6/20	NA	NA	Tue 2/6/20	Tue 2/6/20		0 days	4FS+369 days		2/6
1148	Mobilization of plant and materials	15 days		15 days	0%	Thu 16/5/19	Sat 1/6/19	NA	NA	Sat 4/7/20	Tue 21/7/20	337 days		11 0 1 0 0 days		12/0
	-			-										11.47		
1149	TTA implementation		0 days	4 days	0%	Tue 2/6/20	Fri 5/6/20	NA	NA	Fri 17/7/20	Tue 21/7/20	37 days	l day	1147		
1150	Carry out Titpit and Identify Underground Utilities location	12 days		12 days	0%	Mon 15/6/20	Fri 26/6/20	NA	NA	Mon 22/6/20	Fri 3/7/20	7 days				1
1151	Discuss with Relevant Utilities Undertakers	18 days	0 days	18 days	0%	Sat 27/6/20	Tue 14/7/20	NA	NA	Sat 4/7/20	Tue 21/7/20	7 days		1150		ħ
1152	Slew CLP Cable and Abandon Telecom Cable (tentative)	75 days	0 days	75 days	0%	Wed 15/7/20	Mon 12/10/20	) NA	NA	Wed 22/7/20	Mon 19/10/20	6 days	4 days	1148,1149,1151		
1153	Lift Tower Foundation - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 4/8/20	Tue 4/8/20	NA	NA	Tue 15/9/20	Tue 15/9/20	42 days	1 day			•
1154	Lift Tower Foundation - Temp. Works Design and Method Statement Comment & Appraoval	35 days	0 days	35 days	0%	Tue 4/8/20	Mon 7/9/20	NA	NA	Tue 15/9/20	Mon 19/10/20	42 days	1 day	1153		
1155	Intall Sheetpile, ELS, Excavation and Temp. Works Installation (Shoring, Drainag	e 38 days	0 days	38 days	0%	Tue 13/10/20	Thu 26/11/20	NA	NA	Tue 20/10/20	Thu 3/12/20	6 days	2 days	1154,1152		
1156	& Slope Protection) Foundation Construction (Pad Footing include blinding layer, formwork erection,	38 days	0 days	38 days	0%	Fri 27/11/20	Wed 13/1/21	NA	NA	Fri 4/12/20	Wed 20/1/21	6 days	2 days	1148,1152,175,1		
1157	rebar fixing & concreting) Sheepile Extraction & Backilling	13 days	0 days	13 days	0%	Thu 14/1/21	Thu 28/1/21	NA	NA	Thu 21/1/21	Thu 4/2/21	6 days	1 day	1156		
1158	Lift Tower - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 2/11/20	Mon 2/11/20	NA	NA	Fri 1/1/21	Fri 1/1/21	60 days	1 dav			
159	Lift Tower - Temp. Works Design and Method Statement Comment & Appraoval	35 days		35 days	0%	Mon 2/11/20		NA	NA	Fri 1/1/21	Thu 4/2/21	60 days		1158		
1160	Lift Shaft Tower: 3 Lifts x 20 day/Lift, Falsework & Formwork Erection, Rebar	63 days		63 days	0%	Fri 29/1/21	Mon 19/4/21		NA	Fri 5/2/21	Mon 26/4/21		3 days	1156,1159,1157		
	Fixing & Concreting			-												
1161	Lift installation (LT3 & LT4)	90 days		90 days	0%	Tue 20/4/21	Fri 6/8/21	NA	NA	Tue 27/4/21	Fri 13/8/21		5 days	1160,713		
162	E & M installation	30 days		30 days	0%	Sat 7/8/21	Fri 10/9/21	NA	NA	Sat 14/8/21	Fri 17/9/21		3 days	1161		
1163	Louvers and Glazing Installation	26 days	-	26 days	0%	Fri 21/5/21	Mon 21/6/21		NA	Sat 14/8/21	Mon 13/9/21	71 days		1160FS+25 days	8	
1164	Parapet Installation and Finishing Works	40 days	0 days	40 days	0%	Tue 22/6/21	Sat 7/8/21	NA	NA	Tue 14/9/21	Tue 2/11/21	71 days	4 days	1163		
1165	CLP Meter Installation	0 days	0 days	0 days	0%	Mon 1/2/21	Mon 1/2/21	NA	NA	Fri 20/8/21	Fri 20/8/21	200 days	s 0.5 day			
1166	EMSD Submission Form 5 for Lift Inspection	0 days	0 days	0 days	0%	Mon 1/3/21	Mon 1/3/21	NA	NA	Fri 20/8/21	Fri 20/8/21	172 days	s 0.5 day	1165		
1167	EMSD Lift Inspection	0 days	0 days	0 days	0%	Sun 14/3/21	Sun 14/3/21	NA	NA	Fri 3/9/21	Fri 3/9/21	172 days	s 0.5 day	1166FS+14 days	8	
1168	Issuance of Lift Use Permit	0 days	0 days	0 days	0%	Mon 29/3/21	Mon 29/3/21	NA	NA	Sat 18/9/21	Sat 18/9/21	172 days	0.5 day	1167FS+15 days	8	
1169	Testing & commissioning with Statutory Inspection	36 days	0 days	36 days	0%	Sat 11/9/21	Tue 26/10/21	NA	NA	Sat 18/9/21	Tue 2/11/21	6 days	1 days	1162,1168		
1170	Footpath	28 days	0 days	28 days	0%	Tue 20/4/21	Mon 24/5/21	NA	NA	Tue 8/6/21	Mon 12/7/21	40 days	1 days	1160		
1171	Open Space within Part 2C	94 days	0 days	94 days	0%	Tue 25/5/21	Mon 13/9/21	NA	NA	Tue 13/7/21	Tue 2/11/21	40 days	4 days	1170,1230		
1172	Planned Completion for Section 3	0 days	0 days	0 days	0%	Tue 26/10/21	Tue 26/10/21	NA	NA	Tue 2/11/21	Tue 2/11/21	6 days	0 days	1171,1168,1169		
1173	Sections 5 and 9: Noise Barrier Installation		6.83 days	373.17 days	0%	Fri 20/3/20	Sat 3/7/21	Fri 20/3/20	NA	Fri 20/3/20	Mon 5/7/21	-	1 day			
1174	1.0 Noise Barrier Shop Drawing Preparation, Offsite Fabrication		20.86 days	120.14 days	0%	Mon 6/4/20	Thu 24/9/20	Mon 6/4/20	NA	Mon 6/4/20	Mon 7/12/20	60 days	1 duy			
			-	-								-	1			
1175	CNP and TTA available	0 days		0 days	0%	Wed 24/6/20	Wed 24/6/20		NA	Thu 20/8/20	Thu 20/8/20	47 days				24
1176	Expose the Extisting Noise Barrier Foundation	70 days		45 days	36%	Mon 6/4/20	Fri 3/7/20	Mon 6/4/20	NA	Mon 6/4/20	Tue 7/7/20	3 days				
1177	Implement TTA	2 days	0 days	2 days	0%	Mon 13/7/20	Tue 14/7/20	NA	NA	Wed 18/11/20	Thu 19/11/20	107 days	s 0.5 day			
1178	Expose the Extisting Noise Barrier Foundation under Existing Footpath	15 days	0 days	15 days	0%	Wed 15/7/20	Fri 31/7/20	NA	NA	Fri 20/11/20	Mon 7/12/20	107 days	s 1 day	1177		F
1179	Carry out the Site Survey for Existing Holding Down Bolt at Existing Landscaped Deck	6 days	0 days	6 days	0%	Wed 24/6/20	Thu 2/7/20	NA	NA	Thu 20/8/20	Wed 26/8/20	47 days	1 day	1175		F
1180	Noise Barrier Shop Drawings Preparation	30 days	0 days	30 days	0%	Fri 31/7/20	Thu 3/9/20	NA	NA	Fri 21/8/20	Thu 24/9/20	18 days	0.5 day	1176FF+18 days	8	
1181	Noise Barrier Shop Drawings Comment by PM	18 days	0 days	18 days	0%	Fri 4/9/20	Thu 24/9/20	NA	NA	Fri 25/9/20	Sat 17/10/20	18 days	0.5 day	1180		
1182	PMAA Panel Material Sample Submission	0 days	0 days	0 days	0%	Sat 2/5/20	Sat 2/5/20	NA	NA	Sat 6/6/20	Sat 6/6/20	30 days	1 days		• 2	/5
	T <sub></sub> L	C			Tax of A	Vilestone		Durantin			Channel 1				<u>   </u>	ilart
	11 Prog with Progress     Task       Max: 20     Split	Summary Project Sum	ımary		Inactive M			Duration-o Manual Su	nly mmary Rollup		Start-only Finish-only		C ]		ernal Mi dline	iestor
	-May-20	Inactive Tas			Manual T			Manual Su			External Tasl				ical	



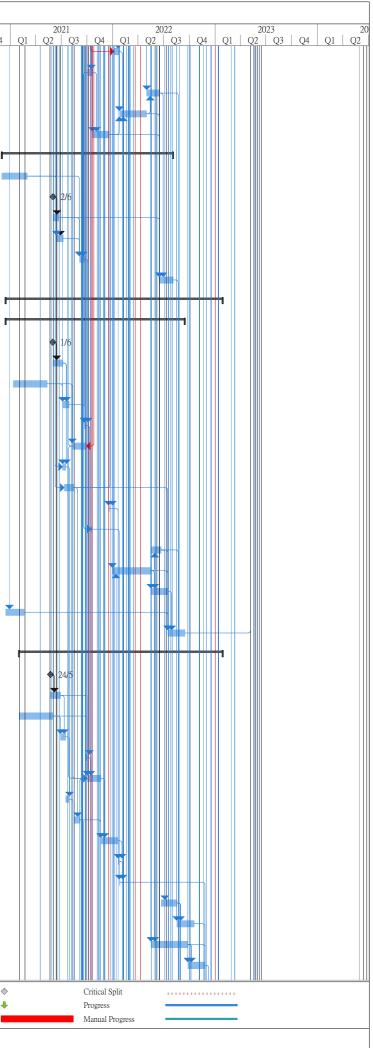
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	Fask Name	Duration Actual Duration	Remaining Duration	Physical % Complete	Early Start			Actual Finis		Late Finish	Total Slack	TRA	Predecessors		20 Q3	(
1183	PMAA Panel Material Comment and Approval by PM	18 days 0 days	18 days	0%	Sat 2/5/20	Fri 22/5/20	NA	NA	Sat 6/6/20	Sat 27/6/20	30 days	1 days	1182			
1184	PMAA Panel Material Coloring Sample Submission	0 days 0 days	0 days	0%	Thu 4/6/20	Thu 4/6/20	NA	NA	Mon 29/6/20	Mon 29/6/20	20 days	1 days	1183		4/6	
1185	PMAA Panel Material Coloring Sample Comment and Approval by PM	10 days 0 days	10 days	0%	Thu 4/6/20	Mon 15/6/20	NA	NA	Mon 29/6/20	Fri 10/7/20	20 days	1 days	1184			
1186	Material Testing and Offsite Fabrication	247 days 0 days	247 days	0%	Mon 1/6/20	Tue 2/2/21	NA	NA	Wed 10/6/20	Wed 17/2/21	9 days					
1187	Holding Down Bolt Procurement	61 days 0 days	61 days	0%	Fri 5/6/20	Tue 4/8/20	NA	NA	Wed 10/6/20	Sun 9/8/20	5 days	1 days				
1188	Holding Down Bolt Testing	45 days 0 days	45 days	0%	Wed 5/8/20	Fri 18/9/20	NA	NA	Mon 10/8/20	Wed 23/9/20	5 days	1 day	1187			
1189	Structural Steelwork Procurement	81 days 0 days	81 days	0%	Mon 1/6/20	Thu 20/8/20	NA	NA	Sat 13/6/20	Tue 1/9/20	12 days	1 day				
1190	Structural Steel Frame Material Testing	46 days 0 days	46 days	0%	Fri 21/8/20	Mon 5/10/20	NA	NA	Wed 2/9/20	Sat 17/10/20	12 days	1 day	1189			h
1191	Structural Steel Frame Fabrication and Delivery	120 days 0 days	120 days	0%	Tue 6/10/20	Tue 2/2/21	NA	NA	Sun 18/10/20	Sun 14/2/21	12 days	1 day	1181,1190			1
1192	Structural Steel Frame Start Delivery to Stie	0 days 0 days	0 days	0%	Wed 25/11/20	Wed 25/11/20	NA	NA	Tue 8/12/20	Tue 8/12/20	12 days	1 day	1191SS+51 days			4
1193	Polymethyl Metharylate (PMMA) and Associated Aluminium Sub-frame	121 days 0 days	121 days	0%	Tue 16/6/20	Wed 14/10/20	NA	NA	Sat 11/7/20	Sun 8/11/20	25 days	1 day	1185			
194	Procurement Polymethyl Metharylate (PMMA) panel fabrication and delivery	101 days 0 days	101 days	0%	Thu 15/10/20	Sat 23/1/21	NA	NA	Mon 9/11/20	Wed 17/2/21	25 days	30 days	1193,1181			
195	Temp Works Design for Noise Barrier	106 days 0 days	106 days	0%	Sat 13/6/20	Mon 19/10/20	NA	NA	Fri 19/6/20	Sat 24/10/20	5 days			ŀ		4
196	ELS Design Preparation for Noise Barrier with ICE	18 days 0 days	18 days	0%	Wed 17/6/20	Thu 9/7/20	NA	NA	Tue 23/6/20	Wed 15/7/20	5 days	1 day				
1197	ELS Design for Noise Barrier Comment by AECOM	21 days 0 days	21 days	0%	Fri 10/7/20		NA	NA	Thu 16/7/20	Wed 5/8/20		1 day	1196			
1198	Temporary Works Platform Design Preparation	36 days 0 days	36 days	0%	Sat 13/6/20	Mon 27/7/20		NA	Fri 19/6/20	Sat 1/8/20		1 day				
1190	Temporary Working Platform Design Frequencies	19 days 0 days	19 days	0%	Tue 28/7/20	Tue 18/8/20		NA	Mon 3/8/20	Mon 24/8/20		1 day	1198			
200	Temporary Working Platform Fabrication	51 days 0 days	51 days	0%	Wed 19/8/20	Mon 19/10/20		NA	Tue 25/8/20	Sat 24/10/20		1 day	1198			l
	2.0 Noise Barrier Footing and Modification Existing Column Stud		181.29 days	0%	Fri 20/3/20			NA	Fri 20/3/20	Wed 23/9/20		1 uay	1199			
1201		184 days 2.71 days					Fri 20/3/20				4 days					
1202	Take up the Works Area	1 day 1 day	0 days	0%	Fri 20/3/20		Fri 20/3/20	Fri 20/3/20	Fri 20/3/20	Fri 20/3/20	0 days		1156			
1203	Ground Investigation Works	25 days 0 days	25 days	0%	Sat 4/7/20		NA	NA	Wed 8/7/20	Wed 5/8/20		1 day	1176			
1204	Diversion of Existing Utilities and ELS Construction	42 days 0 days	42 days	0%	Mon 3/8/20		NA	NA	Thu 6/8/20	Wed 23/9/20		1 day	1197,1203			
1205	Fooing with Column Stud Construction	61 days 0 days	61 days	0%	Wed 23/9/20	Sat 5/12/20	NA	NA	Thu 24/9/20	Mon 7/12/20	1 day					ľ
1206	Bay 1 & 3 Fooing with Column Stud and Modification of Existing Column Stud along Bay 1 & 3 $$	10 days 0 days	10 days	0%	Wed 23/9/20	Tue 6/10/20	NA	NA	Thu 24/9/20	Wed 7/10/20	1 day	1 day	1188,1204,184F			
1207	Bay 2 & 4 Fooing with Column Stud and Modification of Existing Column along Bay 2&4	10 days 0 days	10 days	0%	Wed 7/10/20	Sat 17/10/20	NA	NA	Thu 8/10/20	Mon 19/10/20	1 day	1 day	1206			f
1208	Bay 5 & 7 Fooing with Column Stud, Modification of Existing Stud along Bay 5&	&7 10 days 0 days	10 days	0%	Mon 19/10/20	Fri 30/10/20	NA	NA	Tue 20/10/20	Sat 31/10/20	1 day	1 day	1207			ĺ
1209	Bay 6 Fooing with Column Stud, Modification of Existing Stud along Bay 6	10 days 0 days	10 days	0%	Sat 31/10/20	Wed 11/11/20	NA	NA	Mon 2/11/20	Thu 12/11/20	1 day	1 day	1208			
1210	Backfill and extract sheet pile	21 days 0 days	21 days	0%	Thu 12/11/20	Sat 5/12/20	NA	NA	Fri 13/11/20	Mon 7/12/20	1 day	1 day	1209			
1211	Modification of Remaining Colum Stud	50 days 0 days	50 days	0%	Mon 7/12/20	Fri 5/2/21	NA	NA	Tue 8/12/20	Sat 6/2/21	1 day	1 day				ĺ
1212	Modification of Remaining Column Stud	50 days 0 days	50 days	0%	Mon 7/12/20	Fri 5/2/21	NA	NA	Tue 8/12/20	Sat 6/2/21	1 day	1 day	1210,1178			
1213	Noise Barrier Installation	258 days 0 days	258 days	0%	Wed 19/8/20	Sat 3/7/21	NA	NA	Sat 26/9/20	Mon 5/7/21	1 day	1 day			r -	
1214	CNP Application	31 days 0 days	31 days	0%	Wed 19/8/20	Fri 18/9/20	NA	NA	Sat 26/9/20	Mon 26/10/20	38 days	1 day	1199			H
1215	Temporary Platform Delivery to Site	0 days 0 days	0 days	0%	Mon 19/10/20	Mon 19/10/20	NA	NA	Tue 27/10/20	Tue 27/10/20	5 days	0.5 day	1200			
1216	Temporary Platform On-site Assembly (Night Time)	36 days 0 days	36 days	0%	Tue 20/10/20	Tue 1/12/20	NA	NA	Tue 27/10/20	Mon 7/12/20	5 days	0.5 day	1214,1215			
1217	Structural Steel Frame Installation	119 days 0 days	119 days	0%	Mon 7/12/20	Wed 5/5/21	NA	NA	Tue 8/12/20	Thu 6/5/21	1 day	1 day	1192,121288,12			
1218	PMMA and Associated Aluminum Sub-frame Installation	117 days 0 days	117 days	0%	Fri 8/1/21	Wed 2/6/21	NA	NA	Sat 9/1/21	Thu 3/6/21	1 day	1 day	1194SS+50 days			
1219	Lighting Installation	25 days 0 days	25 days	0%	Thu 3/6/21		NA	NA	Fri 4/6/21	Mon 5/7/21	1 day	1 day	1218FF+25 days			
1220	Rainwater downpipe	25 days 0 days	25 days	0%	Thu 3/6/21		NA	NA	Fri 4/6/21	Mon 5/7/21	1 day	1 day	1218FF+25 days			
1220	Bus Lay-by	25 days 0 days	25 days	0%	Thu 3/6/21		NA	NA	Fri 4/6/21	Mon 5/7/21	1 day		1218FF+25 days			
1221	Planned Completion for Section 5 & Section 9	0 days 0 days	0 days	0%	Sat 3/7/21		NA	NA	Mon 5/7/21	Mon 5/7/21	1 day	0 days	1218,1219,1220,			
222	Section 6		1192.27 days?		Thu 16/5/19		Thu 16/5/19		Thu 16/5/19	Wed 29/5/24	298 da	o uays	1210,1217,1220,			
		1201 days 8.73 days														
1224	Fencing (15m/d) & Hoarding Erection (10m/d)	915 days 185.72 days		0%	Tue 15/10/19	Thu 10/11/22			Tue 15/10/19	Fri 30/12/22	42 days	1.7	101.0			
1225	Hoarding - Part 1 (~57m)	51 days 0 days	51 days	0%	Tue 1/12/20		NA	NA	Wed 21/9/22	Mon 21/11/22			121,8			
1226	Fencing - Part 1 (758m)	6 days 0 days	6 days	0%	Sat 19/9/20		NA	NA	Mon 1/3/21	Sat 6/3/21	130 days		121,8			ţ
227	Fencing - Part 2A (~458m) - 4 team	12 days 0 days	12 days	0%	Wed 3/2/21	Fri 19/2/21	NA	NA	Sat 5/2/22	Fri 18/2/22	296 days	1 days	9,121,1147,1445			
tle: Re	v.11 Prog with Progress	Summary	1	Inactive N	dilestone 🔷		Duration-on	ly		Start-only		C	Exte	rnal Mil	estone	1
	2-May-20	Project Summary	1	Inactive S				nmary Rollup 📲		Finish-only		3		dline		
	Milestone	Inactive Task		Manual T	ask		Manual Sun	nmary	1	External Tas	KS		Criti	ical		



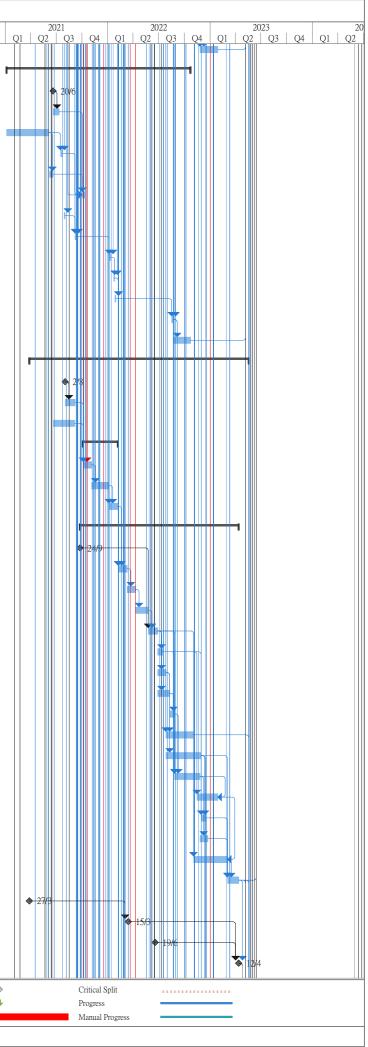
) Ta	isk Name	Duration	Actual	Remaining	Physical %	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total	TRA	Predecessors	202	20	—
1228	Hoarding - Part 2A (~379m) - 4 team		Duration	Duration 12 days	Complete 0%	Mon 2/11/20	Sat 14/11/20		NA	Sat 5/2/22	Fri 18/2/22	Slack 373 days		9,121,1147,1445	Q2	Q3	Q <sup>2</sup>
1228		12 days		-	0%		Tue 2/3/21			Sat 3/2/22 Sat 19/2/22			-				
	Fencing - Part 2B (~132m)		0 days	9 days		Sat 20/2/21		NA	NA		Tue 1/3/22	296 days		10,121,1227,122		Ų	
1230	Hoarding - Part 2C (~106m)		0 days	9 days	0%	Sat 19/9/20	Tue 29/9/20		NA	Fri 2/7/21	Mon 12/7/21	229 days	-	9,121,1147,1445			T
1231	Hoarding - Part 2E (~37m)		0 days	4 days	0%	Mon 3/10/22	Fri 7/10/22		NA	Tue 22/11/22	Fri 25/11/22	42 days	-	11,121,1225			
1232	Fencing - Part 3A (~326m)	24 days	-	24 days	0%	Fri 14/10/22	Thu 10/11/22		NA	Fri 2/12/22	Fri 30/12/22	42 days		12,121,1235			
1233	Fencing - Part 3D (~29m)	2 days	0 days	2 days	0%	Sat 19/9/20	Mon 21/9/20		NA	Sat 12/6/21	Tue 15/6/21	214 days		14,121		<b>}</b>	Ħ
1234	Fencing - Part 3E (~23m)	2 days	0 days	2 days	0%	Wed 13/1/21	Thu 14/1/21		NA	Wed 16/6/21	Thu 17/6/21	123 days	0 days	14,121,1236,123			
1235	Fencing - Part 3F (~62m)	5 days	0 days	5 days	0%	Sat 8/10/22	Thu 13/10/22	NA	NA	Sat 26/11/22	Thu 1/12/22	42 days	0 days	15,121,1231,123			
1236	Fencing - Part 3G (~69m)	5 days	0 days	5 days	0%	Tue 5/1/21	Sat 9/1/21	NA	NA	Mon 7/6/21	Fri 11/6/21	123 days	0 days	14,121			
1237	Fencing - Part 3I (~19m)	2 days	0 days	2 days	0%	Mon 11/1/21	Tue 12/1/21	NA	NA	Sat 12/6/21	Tue 15/6/21	123 days	0 days	14,121,1236			
1238	Fencing - Part 4 (~180m)	14 days	0 days	14 days	0%	Fri 5/3/21	Sat 20/3/21	NA	NA	Tue 24/5/22	Thu 9/6/22	361 days	2 days	121,13,1237			
1239	Fencing - Part 6A (~19m)	2 days	0 days	2 days	0%	Sat 19/9/20	Mon 21/9/20	NA	NA	Sat 26/9/20	Mon 28/9/20	6 days	0 days	8,121,1241		T T	
1240	Fencing - Part 6B (~23m)	2 days	0 days	2 days	0%	Tue 22/9/20	Wed 23/9/20	NA	NA	Tue 29/9/20	Wed 30/9/20	6 days	0 days	8,121,1239		*	1
1241	Hoarding - WA1 (~300m)	41 days	41 days	0 days	70%	Tue 15/10/19	Sat 30/11/19	Tue 15/10/19	Sat 30/11/19	Tue 15/10/19	Sat 30/11/19	0 days	0.5 days	18,121	$\rightarrow$		
1242	Fencing (15m/d) & Hoarding Erection (10m/d) - Upon Works Completion	100 days	0 days	100 days	0%	Tue 5/7/22	Tue 1/11/22	NA	NA	Fri 5/8/22	Fri 2/12/22	27 days					
1243	Fencing - ~1437m	100 days	0 days	100 days	0%	Tue 5/7/22	Tue 1/11/22	NA	NA	Fri 5/8/22	Fri 2/12/22	27 days	5 days	1527			
1244	Hoarding - ~260m	28 days	0 days	28 days	0%	Tue 5/7/22	Fri 5/8/22	NA	NA	Mon 19/9/22	Sat 22/10/22	64 days	2 days	1527			
1245	Demolition Work - Extg Fire Service Station	89 days	89 days	0 days	0%	Fri 16/8/19	Sat 30/11/19	Fri 16/8/19	Sat 30/11/19	Fri 16/8/19	Sat 30/11/19	0 days					
1246	Asbesto Survey (PS Cl. 2.04(9))	8 days	8 days	0 days	100%	Fri 16/8/19	Fri 23/8/19	Fri 16/8/19	Fri 23/8/19	Fri 16/8/19	Fri 23/8/19	0 days	0.5 days	1226			
1247	Demolish of abandoned Fire Service Station	11 days	11 days	0 days	100%	Tue 19/11/19	Sat 30/11/19	Tue 19/11/19	Sat 30/11/19	Tue 19/11/19	Sat 30/11/19	0 days	0.5 days	1246			
248	Rising Main	623 days	0 days	623 days	0%	Tue 1/12/20	Tue 3/1/23	NA	NA	Mon 1/2/21	Tue 30/5/23	50 days					
1249	Rising Main - Method Statement Submission		0 days	0 days	0%	Tue 1/12/20	Tue 1/12/20	NA	NA	Mon 1/2/21	Mon 1/2/21	62 days	0.5 days				
1250	Rising Main Method Statement Comment & Appraoval	35 days	-	35 days	0%	Tue 1/12/20	Mon 4/1/21		NA	Mon 1/2/21	Sun 7/3/21	62 days	-	1249			
1251	Part 1 - CHA660-1097.77 - 2x160mm dia (~438m)	95 days		95 days	0%	Mon 8/2/21	Mon 7/6/21		NA	Mon 8/3/21	Sat 3/7/21	21 days		8,1226,427,419,1			
1251	Part 9A - CHA32-71 - 2x160mm dia (~39m) (KD5)	15 days	-	15 days	0%	Tue 8/6/21	Fri 25/6/21	NA	NA	Mon 5/7/21	Wed 21/7/21	21 days		8,1251			
253	Part 9B Rising Main	36 days		36 days	0%	Sat 26/6/21	Sat 7/8/21	NA	NA	Thu 22/7/21	Wed 1/9/21	21 days		1252			
1255	Part 3B - CHA418-443 - 2x160mm dia (~25m) (KD7)		0 days	10 days	0%		Thu 19/8/21		NA	Thu 2/9/21				13,125288,1253			
1254	Part 9 - CHA0-363 & 71-363 - 2x160mm dia. (~655m) (KD4)			-	0%	Tue 31/8/21	Fri 28/1/22		NA	Thu 2/9/21				16,1254SS			
		124 days		124 days							Mon 31/1/22	2 days					
1256	Part 8 - CHA363-418&443-452 - 2x160mm dia (~64m)	20 days		20 days	0%	Sat 29/1/22	Thu 24/2/22		NA	Thu 9/3/23	Fri 31/3/23	330 days		1255			
1257	Part 3A - CH452-660 - 2x160mm dia (~208m)	45 days	-	45 days	0%	Fri 11/11/22	Tue 3/1/23	NA	NA	Sat 1/4/23	Tue 30/5/23	117 days	6 days	12,1232,1256			
1258	Allow Access for EMSD third District Cooling System Contractor for DCS Pipelin Laying at Parts 3A, 3B, 8, 9 and 9A	e 0 days	0 days	0 days	0%	Tue 3/1/23	Tue 3/1/23	NA	NA	Tue 30/5/23	Tue 30/5/23	147 days		1257			
1259	Underground Drainage (Stormwater & Sewerage Drainage)	496 days	0 days	496 days	0%	Tue 1/12/20	Wed 3/8/22	NA	NA	Wed 31/3/21	Wed 5/10/22	51 days					
1260	Procurement of Stormwater Drainage Pipes	90 days	0 days	90 days	0%	Tue 16/2/21	Sun 16/5/21	NA	NA	Wed 31/3/21	Mon 28/6/21	43 days	1 day				
1261	Stormwater Drainage	299 days		299 days	0%	Tue 15/6/21	Wed 15/6/22	NA	NA	Tue 29/6/21	Wed 21/9/22	12 days		428,465,1260			
1262	Stormwater Drainage - ELS Temp. Works Design and Method Statement	0 days	-	0 days	0%	Tue 15/6/21	Tue 15/6/21		NA	Tue 29/6/21	Tue 29/6/21	14 days	1 day				
1263	Submission Stormwater Drainage - ELS Temp. Works Design and Method Statement	35 days		35 days	0%	Tue 15/6/21	Mon 19/7/21		NA	Tue 29/6/21	Mon 2/8/21	14 days		1262			
1264	Ch1000 - CH1087 (~92.5m, 2 M/H)	16 days	-	16 days	0%	Tue 20/7/21	Fri 6/8/21	NA	NA	Tue 3/8/21	Fri 20/8/21	12 days		1263			
1265	CH1087 - CH1189.4 (~210m, 9 M/H)	24 days		24 days	0%	Sat 7/8/21	Fri 3/9/21	NA	NA	Sat 21/8/21	Fri 17/9/21	12 days		1265			
1265	CH1189.4 - CH1189.4 (~210m, 9 M/H) CH1189.4 - CH1394 (~167m, 3 MH) - Bridge D3	24 days		24 days	0%	Tue 24/8/21	Mon 20/9/21		NA	Tue 9/11/21	Mon 6/12/21	63 days	-	944SS			
1267	CH1394 - CH1444.7 (~40m, 3 M/H) - S. Ramp	21 days		21 days	0%	Tue 7/9/21	Sat 2/10/21		NA	Tue 9/11/21	Thu 2/12/21	51 days		1266SS,988SS+			
1268	CH1444.7 - CH1560 (~222m, 10 M/H) - Rd D3	38 days		38 days	0%	Wed 23/6/21	Fri 6/8/21	NA	NA	Mon 21/2/22	Wed 6/4/22	198 days		987			
1269	CH1560 - CH1720 (~239m, 8 M/H) - N.D. Rd	14 days	-	14 days	0%	Sat 7/8/21	Mon 23/8/21		NA	Thu 7/4/22	Tue 26/4/22	198 days		1263,1268,436			
1270	CH1720 - CH1920 (~450.7m, 13 M/H) Underpass	96 days	0 days	96 days	0%	Tue 24/8/21	Thu 16/12/21		NA	Wed 27/4/22	Thu 18/8/22	198 days	-	1269			
1271	CH1920 - CH2000 (~160m, 6 M/H) S.D. Rd	14 days	0 days	14 days	0%	Fri 17/12/21	Wed 5/1/22	NA	NA	Fri 19/8/22	Sat 3/9/22	198 days	1 days	1270			
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	.11 Prog with Progress Task Split	Summary Project Sum	mary		Inactive M			Duration-on Manual Sun	ly 📃 1mary Rollup 💼		Start-only Finish-only		C ]	Exter Dead	mal Mile: lline	tone	
is of 22-	-May-20 Milestone	Inactive Tas		~	Manual T	-		Manual Sun			External Task		-	Critic			



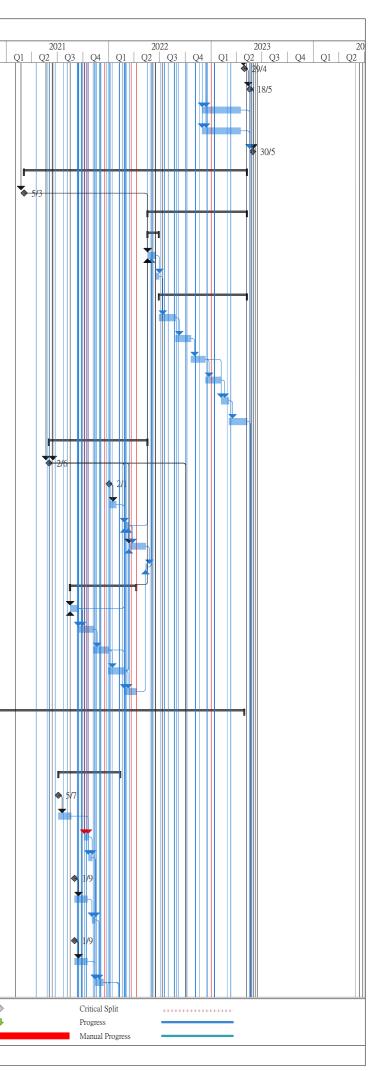
D Ta	ask Name	Duration	A ctuol	Domaining	Dhysical (/	Farly Ctout		Actual Start	Actual Finish	,	Late Finish	Total TD A	Dradaoaccore	20	)20
		Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start						Total TRA Slack	Predecessors	Q2	)20   Q3
1272	CH2000 - CH2060 (~84m, 2 M/H) - S.D. Rd	14 days	0 days	14 days	0%	Thu 6/1/22	Fri 21/1/22	NA	NA	Mon 5/9/22	Wed 21/9/22	198 days 1 days	1085SS+12 days	8	
1273	CH2060 - CH2118.93 (~50.7m, 2 M/H) - Rd D3	14 days	0 days	14 days	0%	Mon 4/10/21	Wed 20/10/21	NA	NA	Fri 3/12/21	Sat 18/12/21	51 days 1 days	1267		
274	CH100 - CH147 (~169m, 5 M/H) - L12 Road	38 days	0 days	38 days	0%	Mon 2/5/22	Wed 15/6/22	NA	NA	Sat 2/7/22	Mon 15/8/22	51 days 3 days	1275,1229		
275	Open Space & Promenade (~457m, 11 M/H)	76 days	0 days	76 days	0%	Tue 25/1/22	Sat 30/4/22	NA	NA	Tue 29/3/22	Thu 30/6/22	51 days 6 days	1504,458,459,12		
1276	L12d Stormwater	50 days	0 days	50 days	0%	Thu 21/10/21	Fri 17/12/21	NA	NA	Wed 26/1/22	Mon 28/3/22	80 days	1273,490		
1277	Sewerage Drainage	496 days	0 days	496 days	0%	Tue 1/12/20	Wed 3/8/22	NA	NA	Sat 29/5/21	Wed 5/10/22	51 days			
1278	Procurement of Sewerage Pipes	90 days	0 days	90 days	0%	Tue 1/12/20	Sun 28/2/21	NA	NA	Sat 29/5/21	Thu 26/8/21	179 days 0.5 day	S		
1279	Sewerage Drainage - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Wed 2/6/21	Wed 2/6/21	NA	NA	Sat 28/8/21	Sat 28/8/21	87 days 0.5 day	s		
1280	Sewerage Drainage - Temp. Works Design and Method Statement Comment &	21 days	0 days	21 days	0%	Wed 2/6/21	Tue 22/6/21	NA	NA	Sat 28/8/21	Fri 17/9/21	87 days 0.5 day	s 1279		
281	Appraoval CH1000 - CH1087 (~68m, 3 M/H)	19 days	0 days	19 days	0%	Tue 15/6/21	Wed 7/7/21	NA	NA	Fri 27/8/21	Fri 17/9/21	62 days 1 days	428,451,465,466	5	
1282	CH1087 - CH1189.4 (~47m, 1 no M/H)	14 days	0 days	14 days	0%	Sat 4/9/21	Mon 20/9/21	NA	NA	Sat 18/9/21	Wed 6/10/21	12 days 1 days	1265,1278,1280	,	
1283	CH100 - CH147 (~156m, 6 M/H) - L12 Road	41 days	0 days	41 days	0%	Thu 16/6/22	Wed 3/8/22	NA	NA	Tue 16/8/22	Wed 5/10/22	51 days 3 days	1274,1280,1275		
284	Underground Watermain	629 days	0 days	629 days	0%	Tue 15/12/20	Fri 27/1/23	NA	NA	Fri 14/5/21	Thu 16/3/23	41 days			
1285	Fresh Watermain	519 days	0 days	519 days	0%	Tue 15/12/20	Wed 14/9/22	NA	NA	Fri 14/5/21	Thu 16/3/23	119 days			
286	Fresh Watermain - Method Statement Submission	0 days		0 days	0%	Tue 1/6/21	Tue 1/6/21	NA	NA	Sat 7/8/21	Sat 7/8/21	67 days 1 days			
287	Fresh Watermain Method Statement Comment & Appraoval	35 days	-	35 days	0%	Tue 1/6/21		NA	NA	Sat 7/8/21	Fri 10/9/21	67 days 1 days	1286		
1287	Fresh Watermain Procurement	120 days		120 days	0%	Mon 11/1/21	Mon 10/5/21		NA	Fri 14/5/21	Fri 10/9/21	123 days 1 days	1200		
1288	CH1000 - CH1087 (~191m) Rd D3	20 days		20 days	0%	Tue 6/7/21	Wed 28/7/21		NA	Sat 11/9/21	Wed 6/10/21	58 days 1 days	1288,1287		
				-	0%										
1290	CH1087 - CH1189.4 (~212m) - N. Ramp	4 days		4 days		Tue 21/9/21		NA	NA	Thu 7/10/21	Mon 11/10/21	12 days 0 days	1282,467,1289		
291	CH1189.4 - CH1394 (~409.2m) - Bridge D3	42 days		42 days	0%	Tue 10/8/21	Tue 28/9/21	NA	NA	Fri 15/10/21	Thu 2/12/21	54 days 2 days	1288,944FF		
292	CH1394 - CH1444.7 (~101.4m) - S. Ramp	10 days		10 days	0%	Tue 6/7/21	Fri 16/7/21	NA	NA	Mon 15/8/22	Thu 25/8/22	332 days 0 days	988SS+10 days,		
293	CH1444.7 - CH1560 (~165m) - Rd D3	30 days	-	30 days	0%	Mon 12/7/21	Sat 14/8/21	NA	NA	Sat 27/11/21	Tue 4/1/22	116 days 0 days	988SS+15 days		
1294	CH1720 - CH1920 (~25m) - Underpass	2 days	0 days	2 days	0%	Fri 17/12/21	Sat 18/12/21	NA	NA	Fri 16/9/22	Sat 17/9/22	221 days 0 days	1270,444		
1295	CH2060 - CH2118.93 (~47m) - Rd D3	2 days	0 days	2 days	0%	Sat 16/10/21	Mon 18/10/21	NA	NA	Wed 15/12/21	Thu 16/12/21	51 days 0 days	1273SS+10 days	5	
1296	CH100 - CH147 (~280m) - L12 Road	30 days	0 days	30 days	0%	Tue 17/5/22	Tue 21/6/22	NA	NA	Tue 28/6/22	Tue 2/8/22	35 days 2 days	1297		
1297	Open Space & Promenade (~1,093m)	110 days		110 days	0%		Mon 16/5/22		NA	Wed 12/1/22	Fri 27/5/22	10 days 1 day	1497,458,111		
1298	Freshwater main across Kai Tak River	50 days	0 days	50 days	0%	Tue 17/5/22	Fri 15/7/22	NA	NA	Tue 15/11/22	Thu 12/1/23	151 days 1 day	1297,514		
1299	L12d Freshwater	50 days	0 days	50 days	0%	Tue 15/12/20	Wed 17/2/21	NA	NA	Tue 15/11/22	Thu 12/1/23	569 days	498		
1300	Fresh Watermain T&C	51 days	0 days	51 days	0%	Sat 16/7/22	Wed 14/9/22	NA	NA	Fri 13/1/23	Thu 16/3/23	151 days 1 day	1297,1296,1298	,	
1301	Salt Watermain	591 days	0 days	591 days	0%	Mon 1/2/21	Fri 27/1/23	NA	NA	Sun 20/6/21	Thu 16/3/23	41 days			
1302	Salt Watermain - Method Statement Submission	0 days	0 days	0 days	0%	Mon 24/5/21	Mon 24/5/21	NA	NA	Mon 13/9/21	Mon 13/9/21	112 days 1 day			
1303	Salt Watermain Method Statement Comment & Appraoval	35 days	0 days	35 days	0%	Mon 24/5/21	Sun 27/6/21	NA	NA	Mon 13/9/21	Sun 17/10/21	112 days 1 day	1302		
1304	Salt Watermain Procurement	120 days	0 days	120 days	0%	Mon 1/2/21	Mon 31/5/21	NA	NA	Sun 20/6/21	Sun 17/10/21	139 days 1 day			
1305	CH1000 - CH1087 (~157m) Rd D3	15 days	0 days	15 days	0%	Mon 28/6/21	Thu 15/7/21	NA	NA	Thu 18/8/22	Sat 3/9/22	341 days 1 days	1304,1303		
1306	CH1087 - CH1189.4 (~218m) - N. Ramp	4 days	0 days	4 days	0%	Mon 27/9/21	Thu 30/9/21	NA	NA	Tue 12/10/21	Sat 16/10/21	12 days 1 day	1290		
1307	CH1189.4 - CH1394 (~409.2m) - Bridge D3	40 days	0 days	40 days	0%	Sat 2/10/21	Thu 18/11/21	NA	NA	Mon 18/10/21	Thu 2/12/21	12 days 0.5 day	s 1291SS,1303,45		
1308	CH1394 - CH1444.7 (~101.4m) - S. Ramp	10 days	0 days	10 days	0%	Sat 17/7/21	Wed 28/7/21	NA	NA	Fri 26/8/22	Tue 6/9/22	332 days 1 day	1292		
1309	CH1444.7 - CH1560 (~165m) - Rd D3	18 days	0 days	18 days	0%	Mon 16/8/21	Sat 4/9/21	NA	NA	Wed 29/6/22	Wed 20/7/22	258 days 1 day	1293		
1310	CH1560 - CH1720 (~160m) - NDR	50 days	0 days	50 days	0%	Fri 19/11/21	Wed 19/1/22	NA	NA	Thu 21/7/22	Sat 17/9/22	197 days	1307,1309,444		
1311	CH1720 - CH1920 (~25m) - Underpass		0 days	3 days	0%	Thu 20/1/22	Sat 22/1/22	NA	NA	Mon 19/9/22	Wed 21/9/22	197 days 1 day	1294,1310		
1312	CH2060 - CH2118.93 (~47m) - Rd D3		0 days	2 days	0%	Mon 24/1/22	Tue 25/1/22		NA	Thu 22/9/22	Fri 23/9/22	197 days 0 days	1295,1311		
1313	CH100 - CH147 (~455m) - L12 Road	47 days	-	47 days	0%	Wed 22/6/22	Tue 16/8/22		NA	Wed 3/8/22	Tue 27/9/22	35 days 2 days	1296		
1314	L12d Salt Watermain	50 days		50 days	0%	Wed 17/8/22	Mon 17/10/22		NA	Wed 16/11/22	Fri 13/1/23	75 days 1 day	1313,498		
1314	Open Space & Promenade (~1,093m)	-	-	110 days	0%	Tue 17/5/22	Sat 24/9/22		NA	Sat 28/5/22	Sat 8/10/22		1297,458		
		110 days										10 days 1 day			
1316	Saltwater main across Kai Tak River	51 days	o uays	51 days	0%	Mon 26/9/22	Fri 25/11/22	NA	NA	Tue 15/11/22	Fri 13/1/23	41 days 1 day	1315,514		
itle: Rev	7.11 Prod with Progress	Summary			Inactive N			Duration-or	-		Start-only	C		ernal Mil	estor
	-May-20	Project Sum Inactive Tas		U	Inactive S Manual T			Manual Sur Manual Sur	nmary Rollup 💼 nmary 🛛 🕇		<ul> <li>Finish-only</li> <li>External Task</li> </ul>	cs and a second	Dea	dline ical	
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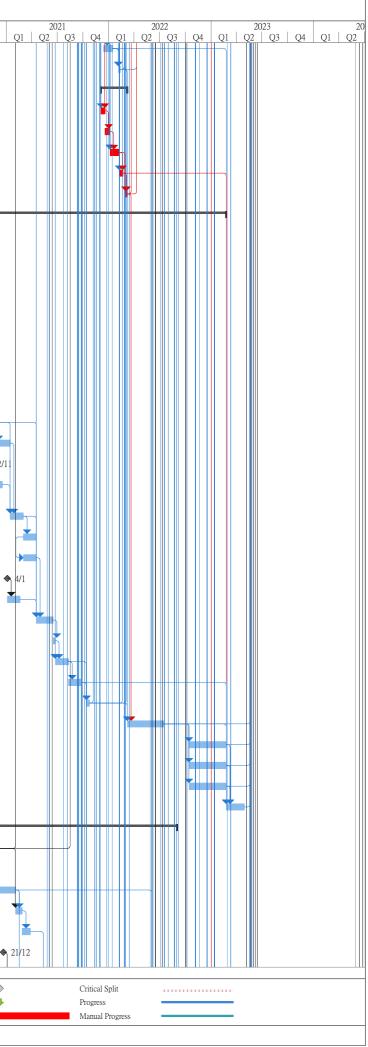
) Ta	ask Name	Duration	Actual	Remaining	Physical 0/-	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total	TRA	Predecessors	2020
			Duration	Remaining Duration	Physical % Complete							Slack	TRA	Predecessors	Q2
1317	Salt Watermain T&C	50 days	0 days	50 days	0%	Sat 26/11/22		NA	NA	Sat 14/1/23	Thu 16/3/23	41 days	-	1312,1315,1316,	
1318	Irrigation System	535 days (	0 days	535 days	0%	Tue 5/1/21	Sat 22/10/22	NA	NA	Wed 16/6/21	Thu 16/3/23	120 days			
1319	Irrigation System - Method Statement Submission	0 days (	0 days	0 days	0%	Sun 20/6/21	Sun 20/6/21	NA	NA	Thu 4/11/21	Thu 4/11/21	137 days	1 day		
1320	Irrigation System Method Statement Comment & Appraoval	21 days	0 days	21 days	0%	Sun 20/6/21	Sat 10/7/21	NA	NA	Thu 4/11/21	Wed 24/11/21	137 days	1 day	1319	
1321	Irrigation Pipe and System Procurement	150 days (	0 days	150 days	0%	Tue 5/1/21	Thu 3/6/21	NA	NA	Wed 16/6/21	Fri 12/11/21	162 days	1 day		
1322	CH1000 - CH1087 (~87m) Rd D3	5 days (	0 days	5 days	0%	Fri 16/7/21	Wed 21/7/21	NA	NA	Mon 5/9/22	Fri 9/9/22	341 days	0 days	1305,1321	
1323	CH1087 - CH1189.4 (~205m) - N. Ramp	10 days	0 days	10 days	0%	Mon 7/6/21	Fri 18/6/21	NA	NA	Sat 13/11/21	Wed 24/11/21	132 days	1 day	1321	
1324	CH1189.4 - CH1394 (~409.2m) - Bridge D3	7 days (	0 days	7 days	0%	Sat 2/10/21	Sat 9/10/21	NA	NA	Thu 25/11/21	Thu 2/12/21	45 days	0 days	1307SS,1320,13	
1325	CH1394 - CH1444.7 (~101.4m) - S. Ramp	3 days	0 days	3 days	0%	Thu 29/7/21	Sat 31/7/21	NA	NA	Wed 7/9/22	Fri 9/9/22	332 days	0 days	1308	
1326	CH1444.7 - CH1560 (~175m) - Rd D3	4 days (	0 days	4 days	0%	Mon 6/9/21	Thu 9/9/21	NA	NA	Mon 12/9/22	Thu 15/9/22	302 days	0 days	1309,1322,1325	
1327	CH1920 - CH2000 (~160m) S.D. Rd	5 days (	0 days	5 days	0%	Thu 6/1/22	Tue 11/1/22	NA	NA	Fri 16/9/22	Wed 21/9/22	207 days	1 day	1271,1326	
1328	CH2000 - CH2060 (~60m) - S.D. Rd	2 days	0 days	2 days	0%	Sat 22/1/22	Mon 24/1/22	NA	NA	Thu 22/9/22	Fri 23/9/22	198 days	0 days	1272,1327	
1329	CH2060 - CH2118.93 (~100m) - Rd D3	3 days	0 days	3 days	0%	Wed 26/1/22	Fri 28/1/22	NA	NA	Sat 24/9/22	Tue 27/9/22	197 days	0 days	1312,1328	
1330	CH100 - CH147 (~173m) - L12 Road	5 days (	0 days	5 days	0%	Wed 17/8/22	Mon 22/8/22	NA	NA	Wed 28/9/22	Wed 5/10/22	35 days	1 day	1313,1329	
1331	Irrigation System T&C	50 days	0 days	50 days	0%	Tue 23/8/22	Sat 22/10/22	NA	NA	Sat 14/1/23	Thu 16/3/23	120 days	1 day	1330	
1332	Salt Water and Sewage Pumping Station	637 days (		637 days	0%	Sat 27/3/21	Thu 18/5/23			Wed 28/7/21	Tue 30/5/23	8 days	-		
1333	Salt Water Pumping Station - Temp. Works Design and Method Statement	-		0 days	0%	Mon 2/8/21		NA		Fri 10/9/21	Fri 10/9/21	39 days	1 dav		
1334	Submission Salt Water Pumping Station - Temp. Works Design and Method Statement	-	-	35 days	0%	Mon 2/8/21		NA		Fri 10/9/21	Thu 14/10/21	39 days		1333	
1335	& Appraval Utilities Diversion	65 days	-	65 days	0%	Mon 21/6/21		NA		Wed 28/7/21		-		1555	
		-											15 day		
1336	Substructure	100 days (	-	100 days	0%	Tue 5/10/21	Sat 5/2/22	NA		Fri 15/10/21	Tue 15/2/22	8 days	5.1	140 1004 1005 1	
1337	Sheetpile Installation	25 days (		25 days	0%	Tue 5/10/21	Wed 3/11/21			Fri 15/10/21	Fri 12/11/21		5 days	148,1334,1335,1	
1338	Excavation and Shoring Installation	50 days	-	50 days	0%	Thu 4/11/21		NA		Sat 13/11/21	Thu 13/1/22	-	5 days	1337	
1339	Base Slab Construction include blinding layer	25 days	0 days	25 days	0%	Wed 5/1/22	Sat 5/2/22	NA		Fri 14/1/22	Tue 15/2/22	8 days	3 days	1338,149FS+120	
1340	Superstructure	460 days (	0 days	460 days	0%	Fri 24/9/21	Wed 12/4/23	NA	NA	Wed 16/2/22	Mon 29/5/23	38 days			
1341	Coordination with CLP to plan for Layout and Details of Transformer R	Room 0 days (	0 days	0 days	0%	Fri 24/9/21	Fri 24/9/21	NA	NA	Sat 4/6/22	Sat 4/6/22	253 days			
1342	Scaflold, Falsework and Formwork Erection	28 days	0 days	28 days	0%	Mon 7/2/22	Thu 10/3/22	NA	NA	Wed 16/2/22	Sat 19/3/22	8 days	2 days	1339,719,531,54	
1343	Wall Rebar Fixing & Concreting	24 days	0 days	24 days	0%	Fri 11/3/22	Fri 8/4/22	NA	NA	Mon 21/3/22	Thu 21/4/22	8 days	1 day	1342	
1344	Top Slab and Beam: Rebar Fixing and Formwork	36 days (	0 days	36 days	0%	Sat 9/4/22	Tue 24/5/22	NA	NA	Fri 22/4/22	Thu 2/6/22	8 days	2 days	1343	
1345	Formwork & Falsework Removal	28 days	0 days	28 days	0%	Wed 25/5/22	Mon 27/6/22	NA	NA	Sat 4/6/22	Thu 7/7/22	8 days	1 day	1344,1341	
1346	Watertightnes Test	15 days	0 days	15 days	0%	Tue 28/6/22	Fri 15/7/22	NA	NA	Fri 19/8/22	Mon 5/9/22	44 days	1 day	1345	
1347	Backfilling & Sheetpile Removal	24 days	0 days	24 days	0%	Tue 28/6/22	Tue 26/7/22	NA	NA	Tue 9/8/22	Mon 5/9/22	35 days	2 days	1345	
1348	Water Chamber Construction	36 days	0 days	36 days	0%	Tue 28/6/22	Tue 9/8/22	NA	NA	Fri 8/7/22	Thu 18/8/22	8 days	1 day	1345	
1349	Watertightnes Test for Water Chamber	15 days (	0 days	15 days	0%	Wed 10/8/22	Fri 26/8/22	NA	NA	Fri 19/8/22	Mon 5/9/22	8 days	1 day	1348	
1350	Drainage and Roadworks	80 days	0 days	80 days	0%	Wed 27/7/22	Mon 31/10/22	NA	NA	Sat 18/2/23	Mon 29/5/23	170 days	5 days	1347,383	
1351	Utilities Laying	105 days (	0 days	105 days	0%	Wed 27/7/22	Tue 29/11/22	NA	NA	Tue 6/9/22	Tue 10/1/23	35 days	5 days	1347	
1352	Finishing work and fitting out	75 days (	0 days	75 days	0%	Sat 27/8/22	Fri 25/11/22	NA	NA	Tue 6/9/22	Mon 5/12/22	8 days	1 day	714,1345,555,13	
1353	Tx Installation with T&C	60 days	0 days	60 days	0%	Tue 15/11/22	Fri 27/1/23	NA	NA	Thu 24/11/22	Mon 6/2/23	8 days	1 day	1346,1352FF+50	
1354	PCCW Installation	15 days (	-	15 days	0%		Fri 16/12/22	NA		Fri 24/2/23	Mon 13/3/23	70 days	1 dav	1351,1346	
1355	Ironmongery work	24 days		24 days	0%	Sat 26/11/22	Fri 23/12/22			Tue 14/2/23	Mon 13/3/23	64 days		1352	
1356	E&M installation	100 days (		100 days	0%	Thu 3/11/22		NA		Sat 12/11/22	Mon 13/3/23	8 days		1332 1345,1353FF+30	
1357	Testing and Commissioning		-	30 days	0%	Sat 4/3/23	Wed 12/4/23			Tue 14/3/23	Fri 21/4/23		2 days	1345,1355,1351,	
		30 days											-	1550,1555,1551,	
1358	WSD Form 46 Part I & II Submission	-	0 days	0 days	0%	Sat 27/3/21		NA		Sat 22/4/23	Sat 22/4/23	615 days		1250	
1359	WSD Form 46 Part 46 Part IV Submission		0 days	0 days	0%	Tue 15/3/22	Tue 15/3/22			Sat 22/4/23	Sat 22/4/23	-	0.5 days	1358	
1360	CLP Meter Installation	-	0 days	0 days	0%	Sun 19/6/22	Sun 19/6/22			Sat 22/4/23	Sat 22/4/23	251 days			
1361	FSD Form 501 Submission for FS Inspection	0 days 0	0 days	0 days	0%	Wed 12/4/23	Wed 12/4/23	NA	NA	Sat 22/4/23	Sat 22/4/23	8 days	0.5 days	1359,1360,1357	
Title <sup>.</sup> Rev	11 Prog with Progress	Summary			Inactive 1	Milestone 🔷		Duration-or	ly		Start-only		C	Exten	al Mil
	-Mav-20	-			Inactive S	-			nmary Rollup 📩		Finish-only	len.	3	Deadl	
	Milestone	Inactive Task	2		Manual T	i ask		Manual Sur	nmary 📕		External Task	.cs		Critic	1



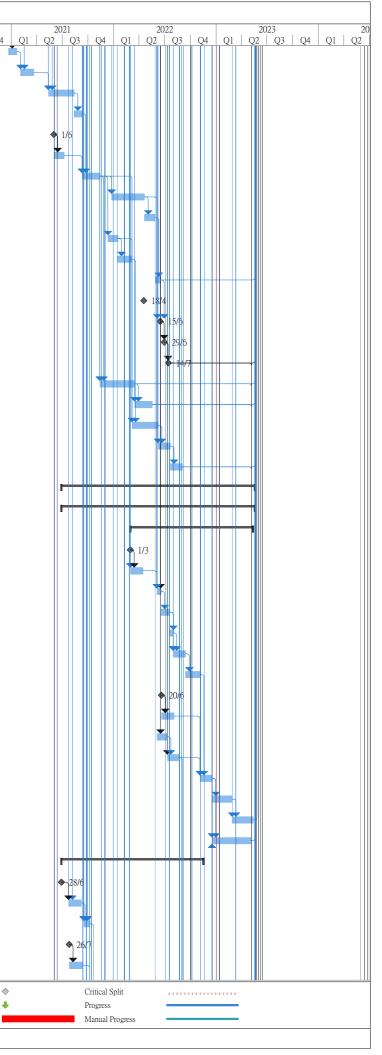
D Ta	isk Name	Duration		Remaining	Physical %	Early Start	Early Finish	Actual Start	Actual Finish	Late Start	Late Finish	Total	TRA	Predecessors		)20
1362	FSD Inspection		Duration 0 days	Duration 0 days	Complete 0%	Sat 29/4/23	Sat 29/4/23	NA	NA	Thu 11/5/23	Thu 11/5/23	Slack 8 days	0.5 days	1361FS+15 days	Q2	
1363	Issuance of FS Certificate		0 days	0 days	0%	Thu 18/5/23		NA	NA	Tue 30/5/23	Tue 30/5/23	8 days	0.5 days	1362FS+15 days		
		-			0%					Wed 11/1/23	Mon 29/5/23		-	562,1351,548		
1364	Salt Water and Sewage Pumping Station: Landscaping hardworks and softworks	110 days		110 days		Wed 30/11/22		NA	NA			35 days				
1365	Salt Water and Sewage Pumping Station: Planting Works	110 days		110 days	0%		Sat 15/4/23		NA	Wed 11/1/23	Mon 29/5/23	35 days	2 days	562,1351,548		
1366	Section 6 Completion	0 days		0 days	0%	Tue 30/5/23		NA	NA	Tue 30/5/23	Tue 30/5/23	0 days		1350,1363,1364,		
1367	Seawater Intake Box Culvert (~169m)	647 days	0 days	647 days	0%	Fri 5/3/21	Mon 8/5/23	NA	NA	Fri 5/3/21	Tue 30/5/23	0 days				
1368	Access Date - Part 4	0 days	0 days	0 days	0%	Fri 5/3/21	Fri 5/3/21	NA	NA	Fri 5/3/21	Fri 5/3/21	0 days	0 days	4FS+645 days		
1369	Part 4 - CHA.0-79 (79m)	290 days	0 days	290 days	0%	Thu 19/5/22	Mon 8/5/23	NA	NA	Fri 10/6/22	Tue 30/5/23	18 days				
1370	CHA 0-24 Precast Section	34 days	0 days	34 days	0%	Thu 19/5/22	Tue 28/6/22	NA	NA	Fri 10/6/22	Wed 20/7/22	18 days				
1371	Temporary ELS & Excavation and Shoring Installation	24 days	0 days	24 days	0%	Thu 19/5/22	Thu 16/6/22	NA	NA	Fri 10/6/22	Fri 8/7/22	18 days	1 days	1384,1386,1238,		
1372	Install 3 nos. 8 m long precast units (2.5 days per unit)	10 days	0 days	10 days	0%	Fri 17/6/22	Tue 28/6/22	NA	NA	Sat 9/7/22	Wed 20/7/22	18 days	2.5 days	1371		
1373	CHA 24-79 (75m) (5 units)	256 days	0 days	256 days	0%	Wed 29/6/22	Mon 8/5/23	NA	NA	Thu 21/7/22	Tue 30/5/23	18 days				
1374	Temporary ELS & Excavation	50 days	0 days	50 days	0%	Wed 29/6/22	Fri 26/8/22	NA	NA	Thu 21/7/22	Sat 17/9/22	18 days	1 day	1372		
1375	Unit 1 & 3 (41 days per unit)	44 days	0 days	44 days	0%	Sat 27/8/22	Thu 20/10/22	NA	NA	Mon 19/9/22	Thu 10/11/22	18 days	3 days	1374		
1376	Unit 2 & 4 (41 days per unit)	44 days	0 days	44 days	0%	Fri 21/10/22	Sat 10/12/22	NA	NA	Fri 11/11/22	Mon 2/1/23	18 days	3 days	1375		
1377	Unit 5 & 6 (41 days per unit)	44 days	0 days	44 days	0%	Mon 12/12/22	Sat 4/2/23	NA	NA	Tue 3/1/23	Sat 25/2/23	18 days	3 days	1376		
1378	Remove struts and backfilling	24 days		24 days	0%	Mon 6/2/23	Sat 4/3/23	NA	NA	Mon 27/2/23	Sat 25/3/23	18 days		1376,1377		
1379	Reinstate seawall	50 days		50 days	0%	Mon 6/3/23	Mon 8/5/23	NA	NA	Mon 27/3/23	Tue 30/5/23	18 days		1378		
1380	Part 10 - CHA79-89 (10m)	286 days		286 days	0%	Wed 2/6/21	Wed 18/5/22		NA	Wed 2/6/21	Thu 9/6/22	0 days	, -			
1381	Access Date - Part 10		0 days	0 days	0%	Wed 2/6/21		NA	NA	Wed 2/6/21	Wed 2/6/21	0 days	0 days	4FS+734 days,11		
				-	0%			NA			Tue 22/2/22		0 uays	41'3+734 uays,1		
1382	Tempoary Works Design and Method Statement Submission		0 days	0 days		Sun 2/1/22	Sun 2/1/22		NA	Tue 22/2/22		40 days		1000		
1383	Tempoary Works Design and Method Statement Comment by PM	21 days		21 days	0%	Mon 3/1/22	Wed 26/1/22		NA	Tue 22/2/22	Thu 17/3/22	40 days	0.1	1382		
1384	Temporary ELS & Excavation	14 days		14 days	0%	Fri 25/2/22	Sat 12/3/22		NA	Fri 18/3/22	Sat 2/4/22	18 days		1388,1381,1391,		
1385	Box Culvert with Feeder Installation	47 days	0 days	47 days	0%	Mon 14/3/22	Wed 11/5/22	NA	NA	Mon 4/4/22	Wed 1/6/22	18 days	6 days	1384,1381,1391		
1386	Remove struts and backfilling	6 days	0 days	6 days	0%	Thu 12/5/22	Wed 18/5/22	NA	NA	Thu 2/6/22	Thu 9/6/22	18 days	1 days	1392,1385		
1387	Part 1 - CH89-165 (76m) 6 Units	193 days	0 days	193 days	0%	Mon 16/8/21	Fri 8/4/22	NA	NA	Mon 6/9/21	Wed 1/6/22	18 days				
1388	Temporary ELS & Excavation	25 days	0 days	25 days	0%	Mon 16/8/21	Mon 13/9/21	NA	NA	Mon 6/9/21	Wed 6/10/21	18 days	0.5 days	9,1147,1445		
1389	Unit 1 & 3 (41 days per unit)	44 days	0 days	44 days	0%	Tue 14/9/21	Sat 6/11/21	NA	NA	Thu 7/10/21	Sat 27/11/21	18 days	4 days	1388,418,570		
1390	Unit 2 & 4 (41 days per unit)	44 days	0 days	44 days	0%	Mon 8/11/21	Thu 30/12/21	NA	NA	Mon 29/11/21	Fri 21/1/22	18 days	4 days	1389		
1391	Unit 5 & 6 (41 days per unit)	44 days	0 days	44 days	0%	Fri 31/12/21	Thu 24/2/22	NA	NA	Sat 22/1/22	Thu 17/3/22	18 days	4 days	1390		
1392	Remove struts and backfilling	36 days	0 days	36 days	0%	Fri 25/2/22	Fri 8/4/22	NA	NA	Thu 21/4/22	Wed 1/6/22	43 days	1 days	1390,1391		
1393	Elevated Landscape Deck CH1920 - 2090	1178 day	s11.27 days	1166.74 days?	0%	Thu 16/5/19	Sat 29/4/23	Thu 16/5/19	NA	Thu 16/5/19	Wed 29/5/24	321 da				╞
1394	Agree Interface Coordination Plan with KL/2014/01 Contractor	14 days	14 days	0 days	100%	Thu 16/5/19	Fri 31/5/19	Thu 16/5/19	Fri 31/5/19	Thu 16/5/19	Fri 31/5/19	0 days	0 days			
1395	Ch1920-CH2060	1 day?	0 days	1 day?	0%	Sat 23/5/20	Sat 23/5/20	NA	NA	Wed 29/5/24	Wed 29/5/24	1467 d				
1396	Part 1 - CH1919-2020 (70m) 4 bays	181 days	0 days	181 days	0%	Mon 5/7/21	Thu 10/2/22	NA	NA	Wed 8/9/21	Mon 14/2/22	3 days				
1397	Pier Temporary Works Design and Method Statement Submission	0 days		0 days	0%	Mon 5/7/21	Mon 5/7/21	NA	NA	Wed 8/9/21	Wed 8/9/21	65 days	1 day			
1398	Pier Temporary Works Design and Method Statement Comment & Approval	45 days	0 davs	45 days	0%	Mon 5/7/21	Wed 18/8/21	NA	NA	Wed 8/9/21	Fri 22/10/21	65 days	1 dav	1397		
1399	CH1930 Pier (1set x 3nos.):	12 days		12 days	0%	Tue 5/10/21	Tue 19/10/21		NA	Fri 8/10/21	Fri 22/10/21	3 days		1075,1076,1066		
1400	CH1950-Ftel (1set x 5nos). CH1950-CH2020: Pier (3sets x 3nos) - 1 day/no 1 team	11 days		12 days	0%		Mon 1/11/21		NA	Sat 23/10/21	Thu 4/11/21	3 days	2 dav	579,1398,1399		
	Falsework Temporary Works Design and Method Statement Submission			-	0%	Wed 20/10/21 Wed 1/9/21		NA						517,1570,1573		
1401			0 days	0 days					NA	Tue 21/9/21	Tue 21/9/21	20 days		1401		
1402	Falsework Temporary Works Design and Method Statement Comment & Approval	45 days		45 days	0%	Wed 1/9/21	Fri 15/10/21		NA	Tue 21/9/21	Thu 4/11/21	20 days		1401		
1403	Falsework erection	10 days		10 days	0%	Tue 2/11/21	Fri 12/11/21		NA	Fri 5/11/21	Tue 16/11/21	3 days	1 day	1400,1402		
1404	Deck & Secondary Upstand Beam Temporary Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Wed 1/9/21		NA	NA	Sun 3/10/21	Sun 3/10/21	32 days				
1405	Deck & Secondary Upstand Beam Temporary Works Design and Method Statement Comment & Approval	45 days	0 days	45 days	0%	Wed 1/9/21	Fri 15/10/21	NA	NA	Sun 3/10/21	Tue 16/11/21	32 days	1 day	1404		
1406	Deck (4 bays) 12d/bay & link bridge (12d/bay)	25 days	0 days	25 days	0%	Sat 13/11/21	Sat 11/12/21	NA	NA	Wed 17/11/21	Wed 15/12/21	3 days	1 day	1403,625,623FS		
Title: Por	.11 Prog with Progress Task	Summary		, 	Inactive M	lilestone 🔷	1	Duration-on	ly	1	Start-only		C	Exte	mal Mile	ie
as of 22-	-May-20 Split	Project Sur		0	Inactive St	-			imary Rollup		Finish-only		3	Dead		
	Milestone	Inactive Tas	3K		Manual Ta	ask		Manual Surr	imary		External Task	ks		Criti	al	_



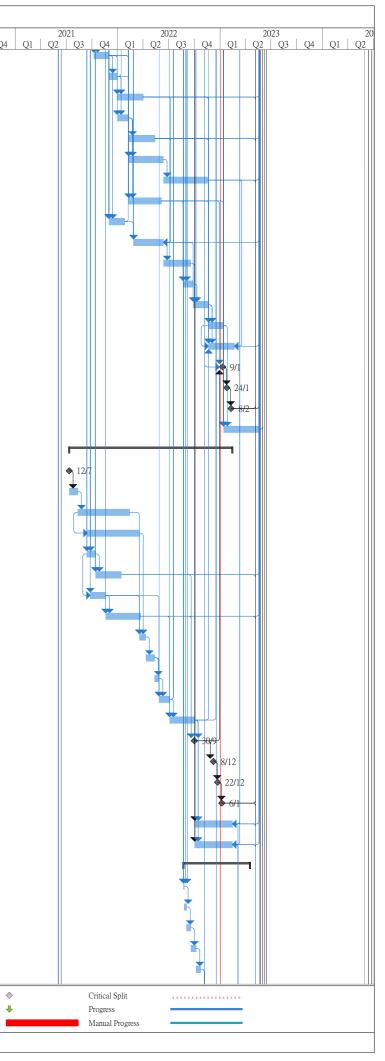
) (	Task Name	Duration	Actual	Remaining	Physical %	Early Start	Early Finish	Actual Start	Actual Fini	sh Late Start	Late Finish	Total	TRA	Predecessors	2020	
1407	Secondary Upstand Beam		Duration	Duration 26 days	Complete 0%	Mon 13/12/21	Fri 14/1/22	NA	NA	Thu 16/12/21	Tue 18/1/22	Slack 3 days	1.5 day		Q2 Q	23   Q4
1407	Dismantle falsework		0 days	6 days	0%	Fri 4/2/22	Thu 10/2/22	NA	NA	Tue 8/2/22	Mon 14/2/22	3 days	0.5 day	1400 1406FS+14 days		
1403	Part 2A - CH2020-2050 (30m) 3 bays	74 days		74 days	0%	Sat 4/12/21	Mon 7/3/22	NA	NA	Mon 22/11/21	Tue 22/2/22	-11 days		14001/3+14 days		
1409	Pier (3sets x 3nos) within CH2007-2090. 1 team	12 days		12 days	0%	Sat 4/12/21 Sat 4/12/21	Fri 17/12/21		NA	Mon 22/11/21	Sat 4/12/21	-11 days		579,1087		
1410	Falsework erection			12 days	0%	Sat 4/12/21 Sat 18/12/21	Tue 4/1/22	NA	NA	Mon 6/12/21	Sat 4/12/21 Sat 18/12/21			1410		
		12 days		-	0%	Wed 5/1/22	Sat 5/2/22		NA			-11 days		1410		
1412	Deck (3 bays) 12d/bay	25 days		25 days				NA		Mon 20/12/21	Thu 20/1/22	-11 days				
1413	Secondary Upstand Beam	12 days		12 days	0%	Mon 7/2/22	Sat 19/2/22	NA	NA	Fri 21/1/22	Mon 7/2/22	-11 days		1412,1406,1407		
1414	Dismantle falsework		0 days	6 days	0%	Tue 1/3/22	Mon 7/3/22	NA	NA	Wed 16/2/22	Tue 22/2/22		0.5 day	1412,1413FS+7		
1415	Elevated Landscaped Deck CH2090 - Ch2109	989 days		989 days	0%	Wed 10/6/20		NA	NA	Wed 10/6/20	Thu 23/3/23	0 days				
1416	G.I. Works/Predrilling Works for Bored Pile No. LD-BP03	12 days		12 days	0%	Wed 10/6/20		NA	NA	Wed 10/6/20	Tue 23/6/20	0 days	1 day			
1417	Design Vertification for Bored Pile No. LD-BP02	30 days	0 days	30 days	0%	Wed 24/6/20	Thu 30/7/20	NA	NA	Wed 24/6/20	Thu 30/7/20	0 days	1 day	1416		
1418	CH2090: Bored Pile No. LD-BP02	34 days	0 days	34 days	0%	Fri 31/7/20	Tue 8/9/20	NA	NA	Fri 31/7/20	Tue 8/9/20	0 days	1 day	1416,1417		
1419	Tripit	12 days	0 days	12 days	0%	Wed 24/6/20	Thu 9/7/20	NA	NA	Wed 24/6/20	Thu 9/7/20	0 days	1 day		<b>•</b>	
1420	Diversion of existing watermain and CLP cable (Tentative)	52 days	0 days	52 days	0%	Fri 10/7/20	Tue 8/9/20	NA	NA	Fri 10/7/20	Tue 8/9/20	0 days	15 day	1419		■┼╢
1421	G.I. Works/Predrilling Works for Bored Pile No. LD-BP03	12 days	0 days	12 days	0%	Thu 2/7/20	Wed 15/7/20	NA	NA	Wed 15/7/20	Tue 28/7/20	11 days	1 day			
1422	Design Vertification for Bored Pile No. LD-BP03	36 days	0 days	36 days	0%	Thu 16/7/20	Wed 26/8/20	NA	NA	Wed 29/7/20	Tue 8/9/20	11 days	1 day	1421		┺┨║║
1423	CH2069: Bored Pile No. LD-BP03	30 days	0 days	30 days	0%	Wed 9/9/20	Thu 15/10/20	NA	NA	Wed 9/9/20	Thu 15/10/20	0 days	1 day	1418,314FF,142		*
1424	Design Vertification for Bored Pile No. LD-BP01	36 days	0 days	36 days	0%	Mon 24/8/20	Tue 6/10/20	NA	NA	Sat 12/9/20	Tue 27/10/20	17 days	1 day			
1425	CH2109: Bored Pile No. LD-BP01	30 days	0 days	30 days	0%	Fri 16/10/20	Fri 20/11/20	NA	NA	Wed 28/10/20	Tue 1/12/20	9 days	1 day	1423,314,1420,1		
1426	Pile testing	43 days	0 days	43 days	0%	Sat 21/11/20	Wed 13/1/21	NA	NA	Wed 2/12/20	Sat 23/1/21	9 days	1 day	1423,1425		
1427	Elevated Landscape Deck - Pilecap with ELS Temp. Works Design and Metho Statement Submission	d 0 days	0 days	0 days	0%	Mon 2/11/20	Mon 2/11/20	NA	NA	Fri 11/12/20	Fri 11/12/20	39 days	1.5 day			
1428	Elevated Landscape Deck - Pilecap with ELS Temp. Works Design and Metho Statement Comment & Appraoval	d 45 days	0 days	45 days	0%	Mon 2/11/20	Wed 16/12/20	NA	NA	Fri 11/12/20	Sun 24/1/21	39 days	1.5 day	1427		
1429	CH2090: Pilecap with ELS	37 days	0 days	37 days	0%	Thu 14/1/21	Mon 1/3/21	NA	NA	Mon 25/1/21	Thu 11/3/21	9 days	1 day	1425,1426,1428		
1430	CH2069: Pilecap with ELS	37 days	0 days	37 days	0%	Tue 2/3/21	Fri 16/4/21	NA	NA	Fri 12/3/21	Tue 27/4/21	9 days	1 day	1429		
1431	CH2109: Pilecap with ELS	37 days	0 days	37 days	0%	Tue 2/3/21	Fri 16/4/21	NA	NA	Fri 12/3/21	Tue 27/4/21	9 days	1 day	1430SS		
1432	Elevated Landscape Deck - Temp. Works Design and Method Statement	0 days	0 days	0 days	0%	Mon 4/1/21	Mon 4/1/21	NA	NA	Sun 14/3/21	Sun 14/3/21	69 days	0.5 day			
1433	Submission Elevated Landscape Deck - Temp. Works Design and Method Statement	45 days	0 days	45 days	0%	Mon 4/1/21	Wed 17/2/21	NA	NA	Sun 14/3/21	Tue 27/4/21	69 days	0.5 day	1432		
1434	Comment & Appraoval Pier (3sets x 3nos) within CH2060-2119. 1 team, 1 no./day	48 days	0 days	48 days	0%	Sat 17/4/21	Tue 15/6/21	NA	NA	Wed 28/4/21	Fri 25/6/21	9 days	3 day	1433,579,1425,1		
1435	Falsework erection	7 days	0 days	7 days	0%	Wed 16/6/21	Wed 23/6/21	NA	NA	Sat 26/6/21	Mon 5/7/21	9 days	0 days	1434		
1436	Deck (3 bays) 12d/bay	39 days	0 days	39 days	0%	Thu 24/6/21	Mon 9/8/21	NA	NA	Tue 6/7/21	Thu 19/8/21	9 days	3 day	1435,715,625,62		
1437	Secondary Upstand Beam	39 days	0 days	39 days	0%	Tue 10/8/21	Fri 24/9/21	NA	NA	Fri 20/8/21	Wed 6/10/21	9 days	1.5 day	1436		
1438	Dismantle falsework	9 days	0 days	9 days	0%	Wed 13/10/21	Sat 23/10/21	NA	NA	Mon 25/10/21	Wed 3/11/21	9 days	1 day	1436FS+14 days		
1439	Install External Cladding	105 days	-	105 days	0%	Tue 8/3/22	Thu 14/7/22		NA	Wed 6/4/22	Thu 11/8/22	24 days		1438,1408,1414		
1440	Elevated Landscaped Deck: Hard Landscaping Works	110 days		110 days	0%	Fri 14/10/22	Thu 23/2/23		NA	Fri 11/11/22	Thu 23/3/23	24 days		1439FS+75 days		
1441	Elevated Landscaped Deck: Soft Landscaping Works	110 days	-	110 days	0%	Fri 14/10/22	Thu 23/2/23		NA	Fri 11/11/22	Thu 23/3/23	24 days		1439FS+75 days		
1442	Elevated Landscaped Deck: Planting Works	110 days		110 days	0%	Fri 14/10/22	Thu 23/2/23		NA	Fri 11/11/22	Thu 23/3/23	24 days		1439FS+75 days		
1442	Installation of Glass Balustrade			52 days	0%	Fri 24/2/23	Sat 29/4/23		NA	Fri 24/3/23	Tue 30/5/23	24 days		1437,1407,1413,		
		52 days											0 days	1457,1407,1415,		
1444	Part 2A - Lift LT1 & LT2 (Landscaped Deck)	671 days	-	671 days	0%	Tue 2/6/20	Wed 31/8/22		NA	Tue 2/6/20	Tue 30/5/23	0 days	0.1	450,260,1		
1445	Access Date - Part 2A,2C		0 days	0 days	0%	Tue 2/6/20	Tue 2/6/20	NA	NA	Tue 2/6/20	Tue 2/6/20	0 days	0 days	4FS+369 days		
1446	TTA Implementation		0 days	3 days	0%	Fri 31/7/20	Mon 3/8/20	NA	NA	Wed 9/6/21	Fri 11/6/21	254 days				
1447	Utilities Diversion (Towngas and Telecom Cable) (tentative)	150 days		150 days	0%	Tue 4/8/20	Mon 1/2/21		NA	Sat 12/6/21	Thu 9/12/21	254 days		1445,1446		
1448	G.I. works	18 days		18 days	0%	Tue 2/2/21	Thu 25/2/21		NA	Fri 10/12/21	Mon 3/1/22	254 days		1445,1447		
1449	Design Vertification	25 days	0 days	25 days	0%	Fri 26/2/21	Fri 26/3/21	NA	NA	Tue 4/1/22	Fri 4/2/22	254 days		1448		
1450	Lift Pilecap & ELS- Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 21/12/20	Mon 21/12/20	NA	NA	Tue 16/11/21	Tue 16/11/21	330 days	0.5 day			
Title: R/	ev.11 Prog with Progress	Summary			Inactive !	Vilestone 🔷		Duration-or	lly		Start-only		C	Extem	al Milestor	ne «
	2-May-20	Project Sum			Inactive S				nmary Rollup	<b></b>	Finish-only		3	Deadli		•
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as UI 22-1	Milestone	Inactive Task	I.		Man	ual Task		Manual S	ummary		External Task	IS .		Critic	al
tle: Rev. s of 22-I	I I Prog with Progress	Summary Project Sumr	nary			tive Milestone 🔶 tive Summary		Duration-	only ummary Rollup		Start-only Finish-only		C ]	Exter	nal Milest line
	Appraoval						10,7/21								
194	Structure - Temp. Works Design and Method Statement Submission Structure - Temp. Works Design and Method Statement Comment &	0 days 47 days		0 days 47 days	0%	Mon 26/7/21 Mon 26/7/21	Mon 26/7/21 Fri 10/9/21	NA	NA	Fri 3/9/21 Fri 3/9/21	Fri 3/9/21 Tue 19/10/21	39 days 39 days	-	1494	
93	Footing Structure Temp Works Design and Mathed Statement Submission	16 days		16 days	0%	Thu 16/9/21	Wed 6/10/21		NA	Wed 29/9/21	Tue 19/10/21		-	987,611,604,618	
2	Foundation - Temp. Works Design and Method Statement Comment & Appraval	45 days		45 days	0%	Sat 24/7/21		NA	NA	Sun 15/8/21	Tue 28/9/21	22 days	-	1491,639,646	
1	Foundation - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Mon 28/6/21	Mon 28/6/21	NA	NA	Sun 15/8/21	Sun 15/8/21	48 days	0.5 days		
0	Toilet	416 days	0 days	416 days	0%	Mon 28/6/21	Wed 16/11/22	NA	NA	Sun 15/8/21	Fri 24/2/23	41 days			
9	E&M and ABWF works, Landscaping and paving works	110 days	0 days	110 days	0%	Sat 17/12/22	Thu 4/5/23	NA	NA	Thu 12/1/23	Tue 30/5/23	21 days	3 days	1528,717,1486	
38	LT5: Lift installation with T&C and Statutory Inspection	60 days	0 days	60 days	0%	Mon 27/2/23	Fri 12/5/23	NA	NA	Wed 15/3/23	Tue 30/5/23	14 days	1 day	713,1487	
87	Observation Deck: Superstructure with Lift Core and Staircase work	72 days	0 days	72 days	0%	Sat 17/12/22	Sun 26/2/23	NA	NA	Mon 2/1/23	Tue 14/3/23	16 days	1 day	1486	
86	Observation Deck: Substructure with Excavation/ELS works	36 days	0 days	36 days	0%	Sat 5/11/22	Fri 16/12/22	NA	NA	Sat 19/11/22	Sat 31/12/22	12 days	1 day	163,506,1483,14	
85	Pipe laying works, Cable Laying and Drawpits	36 days	0 days	36 days	0%	Mon 11/7/22	Sat 20/8/22	NA	NA	Thu 21/7/22	Wed 31/8/22	9 days	5 days	15,1484	
84	Comment & Appraoval Trech Excavation for Pipe Laying Works	30 days	0 days	30 days	0%	Sat 4/6/22	Sat 9/7/22	NA	NA	Wed 15/6/22	Wed 20/7/22	9 days	2 days	15	
183	Submission Structure & Lift Core - Temp. Works Design and Method Statement	45 days	0 days	45 days	0%	Mon 20/6/22	Wed 3/8/22	NA	NA	Wed 5/10/22	Fri 18/11/22	107 days	0.5 day	1482	
182	Structure & Lift Core - Temp. Works Design and Method Statement	0 days	0 days	0 days	0%	Mon 20/6/22	Mon 20/6/22	NA	NA	Wed 5/10/22	Wed 5/10/22	107 days	0.5 day		
481	Pile Testing	43 days	0 days	43 days	0%	Wed 14/9/22	Fri 4/11/22	NA	NA	Wed 28/9/22	Fri 18/11/22	12 days	1 day	1480	
180	Socket H-pile Installation	37 days		37 days	0%	Mon 1/8/22	Tue 13/9/22	NA	NA	Mon 15/8/22	Tue 27/9/22	12 days	2 days	367,1155,726,14	
479	Predrilling works for Socket H- pile	12 days		12 days	0%	Tue 19/7/22	Sat 30/7/22	NA	NA	Wed 3/8/22	Sun 14/8/22	15 days		1478	
178	Design Vertification	25 days		25 days	0%	Sat 18/6/22	Mon 18/7/22		NA	Tue 5/7/22	Tue 2/8/22	13 days		1477	
177	Appraval G.I. works for LT5	12 days	-	12 days	0%		Fri 17/6/22		NA				-	1447,611,604,15	
76	Foundation - Temp. Works Design and Method Statement Submission	45 days		45 days	0%	Tue 1/3/22	Thu 14/4/22		NA	Fri 6/5/22	Sun 19/6/22	66 days	-	1475,639,646	
75	Foundation - Temp, Works Design and Method Statement Submission	0 days	-	0 days	0%	Tue 1/3/22	Tue 1/3/22	NA	NA	Fri 6/5/22	Fri 6/5/22	66 days	0.5 day		
.73	Open Space & Promenade (From Northern End - CH1720) Observation Deck	564 days 358 days		564 days 358 days	0%	Mon 28/6/21 Tue 1/3/22	Thu 18/5/23 Fri 12/5/23	NA	NA	Sun 15/8/21 Fri 6/5/22	Tue 30/5/23	9 days 14 days			
72 73	Open Space & Promenade Open Space & Promenade (From Northern End., CH1720)	564 days	-	564 days	0%	Mon 28/6/21	Thu 18/5/23			Sun 1/8/21	Tue 30/5/23 Tue 30/5/23	9 days			
	L12d Roadworks and Pedestrian	36 days		36 days	0%	Thu 21/7/22	Wed 31/8/22		NA	Mon 17/4/23		220 days	1 uay	1470	
70	, 0	-	-	-	0%						Tue 30/5/23		-	· ·	
69 70	L12d Underground Drainage and Utilities Laying L12d Roadworks and Pedestrian, with Light Pole	75 days 36 days		75 days 36 days	0%	Mon 7/3/22 Wed 8/6/22	Tue 7/6/22 Wed 20/7/22	NA	NA	Tue 29/11/22 Wed 1/3/23	Tue 28/2/23 Sat 15/4/23	220 days 220 days		1457,1460,1461	
68	Finishing and E&M Works	50 days		50 days	0%	Wed 16/3/22	Tue 17/5/22		NA	Mon 27/3/23	Tue 30/5/23	309 days	-	1467,367	
67	Staircase ST1	100 days		100 days	0%	Fri 12/11/21	Tue 15/3/22		NA	Fri 25/11/22	Sat 25/3/23	309 days		587,367,1457	
466	Issuance of Lift Use Permit	-	0 days	0 days	0%	Thu 14/7/22	Thu 14/7/22		NA	Tue 30/5/23	Tue 30/5/23	320 days	-	1465FS+15 days	
465	EMSD Lift Inspection		0 days	0 days	0%	Wed 29/6/22	Wed 29/6/22		NA	Tue 16/5/23	Tue 16/5/23	320 days	-	1464FS+14 days	
464	EMSD Submission Form 5 for Lift Inspection		0 days	0 days		Wed 15/6/22			NA	Tue 2/5/23	Tue 2/5/23	320 days	-	1458,1462	
1463	CLP Meter Installation		0 days	0 days	0%	Mon 18/4/22	Mon 18/4/22 Wed 15/6/22		NA	Mon 18/4/22	Mon 18/4/22	0 days		1459 1460	
462	Testing & commissioning	15 days		15 days	0%	Sat 28/5/22	Wed 15/6/22		NA	Thu 13/4/23	Sat 29/4/23	261 days	-	1459	
461	Parapet Installation and Finishing Works	40 days		40 days	0%	Sat 15/1/22	Sat 5/3/22	NA	NA	Thu 13/10/22			-	1460	
460	Louvers and Glazing Installation	27 days	-	27 days	0%	Sat 11/12/21		NA	NA	Thu 8/9/22		220 days		1457FS+25 days	
1459	E & M installation	33 days	0 days	33 days	0%	Wed 20/4/22	Fri 27/5/22	NA	NA	Wed 1/3/23	Wed 12/4/23	261 days		1458	
1458	Lift installation (LT1 & LT2)	90 days	0 days	90 days	0%	Fri 24/12/21	Tue 19/4/22	NA	NA	Fri 11/11/22	Tue 28/2/23	261 days	1 day	1457FS+36 days	
1457	Lift Tower: Falsework & Formwork Erection, Rebar Fixing & Concreting	63 days	0 days	63 days	0%	Fri 10/9/21	Thu 11/11/21	NA	NA	Wed 8/6/22	Tue 9/8/22	271 days	3 days	1454,1157,1456	
456	Lift Structure - Temp. Works Design and Method Statement Comment & Appraoval	l 36 days	0 days	36 days	0%	Tue 1/6/21	Tue 6/7/21	NA	NA	Tue 3/5/22	Tue 7/6/22	336 days	0.5 day	1455	
455	Lift Structure - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 1/6/21	Tue 1/6/21	NA	NA	Tue 3/5/22	Tue 3/5/22	336 days	0.5 day		
454	Sheepile Extraction & Backilling	25 days	0 days	25 days	0%	Thu 12/8/21	Thu 9/9/21	NA	NA	Mon 9/5/22	Tue 7/6/22	218 days	1 day	1453	
453	Footing Construction	75 days	0 days	75 days	0%	Thu 13/5/21	Wed 11/8/21	NA	NA	Sat 5/2/22	Sat 7/5/22	218 days	2 days	1452,1449,587	
452	**	38 days	0 days	38 days	0%	Tue 2/2/21	Sat 20/3/21	NA	NA	Thu 16/12/21	Fri 4/2/22	259 days	2 days	1447,1451	
451	Lift Pilecap and ELS - Temp. Works Foundation Design and Method Statement Comment & Appraoval	30 days		30 days	0%	Mon 21/12/20	Tue 19/1/21	NA	NA	Tue 16/11/21	Wed 15/12/21	330 days	0.5 day	1450	Q2
			Duration	Duration	Complete	8		1				Slack			

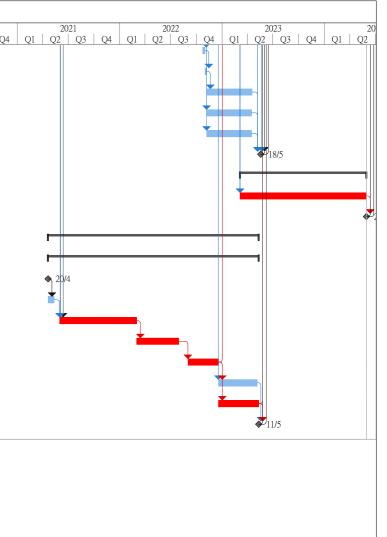


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) T	ask Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish			sh Late Start	Late Finish	Total TRA Slack	Predecessors	2 Q2
1496	Structure work	45 days	0 days	45 days	0%	Thu 7/10/21	Mon 29/11/21	NA	NA	Wed 20/10/21	Fri 10/12/21	10 days 0.5 days	1493,506,1495	
1497	MIC toilet unit	24 days	0 days	24 days	0%	Tue 30/11/21	Wed 29/12/21	NA	NA	Sat 11/12/21	Tue 11/1/22	10 days 0.5 days	1496	
1498	MIC toilet unit: E&M and ABWF works	75 days	0 days	75 days	0%	Thu 30/12/21	Thu 31/3/22	NA	NA	Wed 23/2/22	Wed 25/5/22	43 days 3 days	1497,717	
1499	Observation Tower Construction	31 days	0 days	31 days	0%	Thu 30/12/21	Tue 8/2/22	NA	NA	Wed 19/1/22	Sat 26/2/22	16 days 1 day	1496,1497	
1500	Observation Tower: Building Works and E&M Works	76 days	0 days	76 days	0%	Wed 9/2/22	Thu 12/5/22	NA	NA	Mon 28/2/22	Tue 31/5/22	16 days 1 day	1499	
1501	Refuse Collection Block and Back of House: Structure Works	101 days	0 days	101 days	0%	Wed 9/2/22	Sat 11/6/22	NA	NA	Fri 20/5/22	Sat 17/9/22	82 days 1 day	1496,1497,1499	
1502	Refuse Collection Block and Back of House: Building Works and E&M Works	131 days	0 days	131 days	0%	Mon 13/6/22	Wed 16/11/22	NA	NA	Mon 19/9/22	Fri 24/2/23	82 days 1 day	1501	
1503	Amphitheater	95 days	0 days	95 days	0%	Wed 9/2/22	Sat 4/6/22	NA	NA	Wed 11/5/22	Wed 31/8/22	74 days 5 days	1496,639,646,14	
1504	Fast food (Light Refreshment) kiosk deck	45 days	0 days	45 days	0%	Tue 30/11/21	Mon 24/1/22	NA	NA	Thu 20/1/22	Wed 16/3/22	41 days 0.5 days	611,1496,604,61	1
1505	Fast food (Light Refreshment) Kiosk: Building Works and E&M Works	86 days	0 days	86 days	0%	Sat 26/2/22	Sat 11/6/22	NA	NA	Thu 17/3/22	Thu 30/6/22	16 days 1 day	1504,639,646,14	
1506	Fitness Ground Lawn & Water Play Plaza	82 days	0 days	82 days	0%	Mon 13/6/22	Sat 17/9/22	NA	NA	Sat 2/7/22	Sat 8/10/22	16 days 1 day	days,1500FF+25 1505	
1507	Stepped Stage and Seating & Back of House Facility (under Bridge D3)	30 days	0 days	30 days	0%	Mon 22/8/22	Mon 26/9/22	NA	NA	Thu 1/9/22	Sat 8/10/22	9 days 0.5 days	1503,1485	
1508	Trim and form formation level within Open Space & Promenade area	45 days	0 days	45 days	0%	Tue 27/9/22	Sat 19/11/22	NA	NA	Mon 10/10/22	Wed 30/11/22	9 days 0.5 days	1507,1505,1506	
1509	Paving work & Hard Landscaping Works	45 days	0 days	45 days	0%	Mon 21/11/22	Thu 12/1/23	NA	NA	Thu 1/12/22	Thu 26/1/23	9 days 2 days	1508,1500,1498	
1510	ABWF, E&M work and street furniture	75 days		75 days	0%	Mon 21/11/22			NA	Sat 25/2/23	Tue 30/5/23	79 days 2 days	1508,1509SS,15	
1511	FSD Form 501 Submission for FS Inspection	0 days		0 days	0%	Mon 9/1/23	Mon 9/1/23		NA	Mon 1/5/23	Mon 1/5/23	111 days 0.5 day	1510SS+50 days	
1512	FSD Inspection	0 days		0 days	0%	Tue 24/1/23	Tue 24/1/23		NA	Tue 16/5/23	Tue 16/5/23	111 days 0.5 day	1511FS+15 days	
1512	Issuance of FS Certificate	0 days		0 days	0%	Wed 8/2/23		NA	NA	Tue 30/5/23	Tue 30/5/23	111 days 0.5 day	1512FS+15 days	
1515	Landscaping works and Planting works	100 days		100 days	0%	Fri 13/1/23	Thu 18/5/23		NA	Fri 27/1/23	Tue 30/5/23	9 days 4 days	1509,668,1503,6	
													1509,000,1505,0	
1515	Open Space & Promenade (From CH1720 - South End)	477 days		477 days	0%	Mon 12/7/21	Mon 13/2/23		NA	Sun 1/8/21	Tue 30/5/23	18 days		
1516	Modification Seawall - Temp. Works Design and Method Statement Submissi			0 days	0%	Mon 12/7/21	Mon 12/7/21		NA	Sun 1/8/21	Sun 1/8/21	20 days 1 day	1516	
1517	Modification Seawall - Temp. Works Design and Method Statement Commen Appraoval	-		30 days	0%	Mon 12/7/21		NA	NA	Sun 1/8/21	Mon 30/8/21	20 days 2 days	1516	
1518	Modification (Seawall) CH1720-1820	150 days		150 days	0%	Wed 11/8/21		NA	NA	Tue 31/8/21	Thu 3/3/22	17 days 1 day	1517	
1519	Modification (Seawall) CH1820-1920	150 days	0 days	150 days	0%	Wed 15/9/21	Fri 18/3/22	NA	NA	Thu 7/10/21	Fri 8/4/22	17 days 1 day	1518SS+30 days	
1520	Temporary toilet	24 days	0 days	24 days	0%	Mon 13/9/21	Tue 12/10/21	NA	NA	Fri 14/1/22	Mon 14/2/22	100 days 0.5 days	506,655,660	
1521	Temporary Toilet: Building Works and E&M Works	75 days	0 days	75 days	0%	Wed 13/10/21	Wed 12/1/22	NA	NA	Sat 28/1/23	Sat 29/4/23	385 days 0.5 day	1520,655,660	1
1522	Temporary Management Office: Structure Works	45 days	0 days	45 days	0%	Sat 25/9/21	Thu 18/11/21	NA	NA	Wed 26/1/22	Tue 22/3/22	100 days 0.5 days	1520SS+10 days	
1523	Temporary Management Office: Building Works and E&M Works	100 days	0 days	100 days	0%	Fri 19/11/21	Tue 22/3/22	NA	NA	Wed 23/3/22	Sat 23/7/22	100 days 0.5 day	1522,655,660	
1524	Floating Stage Concrete structure	18 days	0 days	18 days	0%	Sat 19/3/22	Sat 9/4/22	NA	NA	Sat 9/4/22	Tue 3/5/22	17 days 0 days	1519,1518,1522	
1525	Stepped Seating at Southern End	24 days	0 days	24 days	0%	Mon 11/4/22	Wed 11/5/22	NA	NA	Wed 4/5/22	Tue 31/5/22	17 days 0.5 days	1524	
1526	Trim and form formation level within Open Space & Promenade area	14 days	0 days	14 days	0%	Thu 12/5/22	Fri 27/5/22	NA	NA	Wed 1/6/22	Fri 17/6/22	17 days 0 days	1525	1
1527	Paving work and Landscaping Works	30 days	0 days	30 days	0%	Sat 28/5/22	Mon 4/7/22	NA	NA	Sat 18/6/22	Sat 23/7/22	17 days 0.5 days	1526,1522,1525	1
1528	ABWF, E&M work and street furniture	75 days	0 days	75 days	0%	Tue 5/7/22	Fri 30/9/22	NA	NA	Mon 25/7/22	Sat 22/10/22	17 days 1 day	1527,717,1523	
1529	CLP Meter Installation	0 days	0 days	0 days	0%	Fri 30/9/22	Fri 30/9/22	NA	NA	Mon 1/5/23	Mon 1/5/23	212 days 0.5 day	1528,1521,1523	1
1530	FSD Form 501 Submission for FS Inspection	0 days	0 days	0 days	0%	Thu 8/12/22	Thu 8/12/22	NA	NA	Mon 1/5/23	Mon 1/5/23	144 days 0.5 day	1529	1
1531	FSD Inspection	0 days	0 days	0 days	0%	Thu 22/12/22	Thu 22/12/22		NA	Tue 16/5/23	Tue 16/5/23	144 days 0.5 day	1530FS+15 days	
1532	Issuance of FS Certificate	0 days		0 days	0%	Fri 6/1/23	Fri 6/1/23	NA	NA	Tue 30/5/23	Tue 30/5/23	144 days 0.5 day	1531FS+15 days	
1533	Open Space & Promenade: Landscaping works	110 days		110 days	0%	Mon 3/10/22	Mon 13/2/23		NA	Mon 24/10/22	Sat 4/3/23	17 days 5 days	1528,668,1243F	
1534	Open Space & Promenade: Planting works	110 days		110 days	0%	Mon 3/10/22	Mon 13/2/23		NA	Mon 24/10/22	Sat 4/3/23	17 days 5 days	1528,668,1243F	
1535	Part 1, 2A, 2B - Road L12	193 days		193 days	0%	Tue 23/8/22	Mon 17/4/23		NA	Thu 6/10/22	Tue 30/5/23	35 days 0.5 day	1520,000,12431	
1535				3 days	0%	Tue 23/8/22	Thu 25/8/22			Thu 6/10/22	Sat 8/10/22		1274,1283,1296	
	Trim road formation	3 days							NA			35 days 1 day		
1537	Lay sub base		0 days	7 days	0%	Fri 26/8/22	Fri 2/9/22	NA	NA	Mon 10/10/22	Mon 17/10/22	35 days 1 day	1536	
1538	Lay kerb	12 days		12 days	0%	Sat 3/9/22		NA	NA	Tue 18/10/22		35 days 1 day	1537	
1539	Construct pedestrian street/ footpath	14 days	0 days	14 days	0%	Mon 19/9/22	Thu 6/10/22	NA	NA	Tue 1/11/22	Wed 16/11/22	35 days 1 day	1538	
1540	Install central median	14 days	0 days	14 days	0%	Fri 7/10/22	Sat 22/10/22	NA	NA	Thu 17/11/22	Fri 2/12/22	35 days 1 day	1539	1
Litle: Ro	v.11 Prog with Progress Task	Summary		-	Inactive	Milestone 🔷		Durati	on-only	1	Start-only	C	Exte	ernal M
	P-May-20	Project Sum		1		Summary			al Summary Rollup		Finish-only	3		dline
	Milestone	Inactive Tas	sk		Manual	ľask		Manua	al Summary		External Task	IS .	Crit	cal



D	Task Name	Duration	Actual Duration	Remaining Duration	Physical % Complete	Early Start	Early Finish	Actual Start	Actual Fin	ish Late Start	Late Finish	Total Slack	TRA	Predecessors	)20   Q3
1541	Concrete infill between profile barrier	7 days	0 days	7 days	0%	Mon 24/10/22	Mon 31/10/22	NA	NA	Sat 3/12/22	Sat 10/12/22	35 days	0 days	1540	
1542	Road pavement	5 days	0 days	5 days	0%	Tue 1/11/22	Sat 5/11/22	NA	NA	Mon 12/12/22	Fri 16/12/22	35 days	0 days	1541	
1543	Install street furniture (Part 1, 2A, 2B - Road L12)	131 days	0 days	131 days	0%	Mon 7/11/22	Mon 17/4/23	NA	NA	Sat 17/12/22	Tue 30/5/23	35 days	6 days	1542	
1544	Planting Works for Underpass, South Depress Road and At-Grade Road	130 days	0 days	130 days	0%	Mon 7/11/22	Sat 15/4/23	NA	NA	Mon 19/12/22	Tue 30/5/23	36 days	10 days	668	
1545	Landscaping Works for Underpass, South Depress Road and At-Grade	130 days	0 days	130 days	0%	Mon 7/11/22	Sat 15/4/23	NA	NA	Mon 19/12/22	Tue 30/5/23	36 days	10 days	668	
1546	Planned Completion for Section 6	0 days	0 days	0 days	0%	Thu 18/5/23	Thu 18/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	9 days	0 days	1533,1543,1532,	
1547	Section 7	365 days	0 days	365 days	0%	Mon 6/3/23	Wed 29/5/24	NA	NA	Mon 6/3/23	Wed 29/5/24	0 days			
1548	Establishment work for landscape softwork	365 days	0 days	365 days	0%	Mon 6/3/23	Wed 29/5/24	NA	NA	Mon 6/3/23	Wed 29/5/24	0 days	10 days	1533,1534	
1549	Planned Completion for Section 7	0 days	0 days	0 days	0%	Wed 29/5/24	Wed 29/5/24	NA	NA	Wed 29/5/24	Wed 29/5/24	0 days		1548,6	
1550	Section 10 (Subject to Excision)	614 days	0 days	614 days	0%	Tue 20/4/21	Thu 11/5/23	NA	NA	Mon 10/5/21	Tue 30/5/23	15 days			
1551	Decking for Underpass (Rd L14)	614 days	0 days	614 days	0%	Tue 20/4/21	Thu 11/5/23	NA	NA	Mon 10/5/21	Tue 30/5/23	15 days			
1552	Deck for Underpass (Road L14) - Temp. Works Design and Method Statement Submission	0 days	0 days	0 days	0%	Tue 20/4/21	Tue 20/4/21	NA	NA	Mon 10/5/21	Mon 10/5/21	20 days	0.5 day		
1553	Deck for Underpass (Road L14) - Temp. Works Design and Method Statement Comment & Appraval	21 days	0 days	21 days	0%	Tue 20/4/21	Mon 10/5/21	NA	NA	Mon 10/5/21	Sun 30/5/21	20 days	0.5 day	1552	
1554	Support along U-through	225 days	0 days	225 days	0%	Mon 31/5/21	Tue 1/3/22	NA	NA	Mon 31/5/21	Tue 1/3/22	0 days	10 days	23,185,1553,192	
1555	Plinth installation along support	123 days	0 days	123 days	0%	Wed 2/3/22	Fri 29/7/22	NA	NA	Wed 2/3/22	Fri 29/7/22	0 days	6 days	1554	
1556	Placing of beam along underpass	90 days	0 days	90 days	0%	Thu 1/9/22	Sun 18/12/22	NA	NA	Thu 1/9/22	Mon 19/12/22	0 days	4 days	1555FS+28 days	
1557	Finishing and E&M Works	110 days	0 days	110 days	0%	Mon 19/12/22	Fri 5/5/23	NA	NA	Thu 12/1/23	Tue 30/5/23	20 days		1556,279	
1558	Cover-up (Roof)	115 days	0 days	115 days	0%	Mon 19/12/22	Thu 11/5/23	NA	NA	Mon 19/12/22	Thu 11/5/23	0 days	5 days	1556	
1559	Planned Completion for Section 10	0 days	0 days	0 days	0%	Thu 11/5/23	Thu 11/5/23	NA	NA	Tue 30/5/23	Tue 30/5/23	19 days	0.5 days	1558,158,1557	

Title: Rev.11 Prog with Progress as of 22-May-20	Task Split Milestone	•	Summary Project Summary Inactive Task	Inactive Milestone Inactive Summary Manual Task	¢	Duration-only Manual Summary Rollu Manual Summary	p  1	Start-only Finish-only External Tasks	с Э	External Milestone Deadline Critical	
						Page 36 of 36					_



Critical Split Progress Manual Progress

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# Appendix C – Apply permission for Environmental Monitoring

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

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

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

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

# **Appendix D – Environmental monitoring schedules**

# Contract No. EDO 15/2018 Environmental Monitoring at Kai Tak Development Stage 4 Infrastructure at the former runway and south apron Environmental Monitoring and Weekly Site Inspection Schedule for September 2023

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

## September 2023

NOTE:

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

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

## Air Quality Monitoring Station

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

### **Noise Quality Monitoring Station**

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

# Contract No. EDO 15/2018 Environmental Monitoring at Kai Tak Development Stage 4 Infrastructure at the former runway and south apron Tentative Environmental Monitoring and Weekly Site Inspection Schedule for October 2023

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

October 2023

NOTE:

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

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

### Air Quality Monitoring Station

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

### Noise Quality Monitoring Station

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

# Appendix E – Photographic records

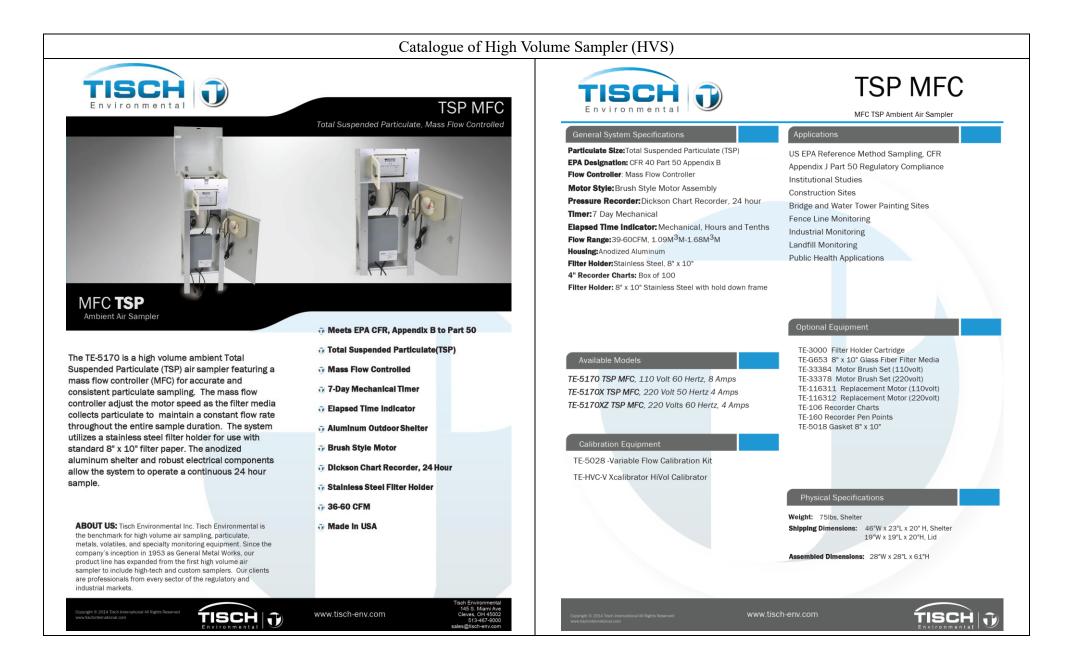
# Impact TSP Monitoring



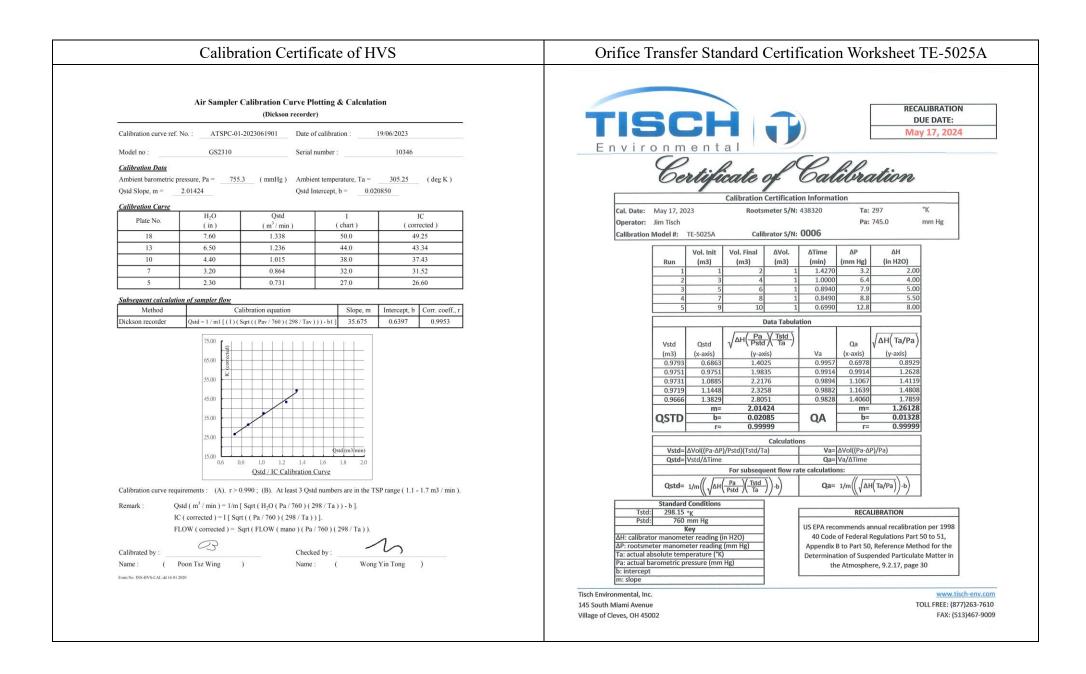
# Impact Noise Monitoring



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



	Air Sampler	Calibration Curve Pl (Dickson recorder	0	ion		Air Sampler	Calibration Curve F (Dickson record	8	ion
Calibration curve ref.	No.: ATSPC-01	-2023081701 Date o	f calibration :	17/08/2023	Calibration curve re	f. No. : ATSPC-0	1-2023081703 Date	of calibration :	17/08/2023
Location :	Sky Tower	Sampl	er :	TE-5170X	Location :	Hong Kong Children's	Hospital Sam	bler :	TE-5170X
Qstd Slope, m =	oressure, Pa =753 2.01424		ent temperature, Ta = ntercept, b =0.0	307.15 ( deg K ) 20850	<u>Calibration Data</u> Ambient barometric Qstd Slope, m =	pressure, Pa =753 2.01424		ient temperature, Ta = Intercept, b =0.02	( deg K ) 0850
Calibration Curve	H <sub>2</sub> O	Ostd	I	IC	Calibration Curve				
Plate No.	( in )	$(m^3/min)$	( chart )	( corrected )	Plate No.	H <sub>2</sub> O ( in )	Qstd (m <sup>3</sup> /min)	I ( chart )	IC ( corrected )
18	7.70	1.341	50.0	49.05	18	7.70	1.341	50.0	49.05
13	6.50	1.231	45.0	44.14	13	6,90	1.269	45.0	44.14
10	4.40	1.011	37.0	36.30	10	4.40	1.011	36.0	35.32
7	3.30	0.874	33.0	32.37	7	3.20	0.861	32.0	31.39
5	2.30	0.728	27.0	26.49	5	2.20	0.712	26.0	25.51
ubsequent calculati					Subsequent calcula	tion of sampler flow			
Method		alibration equation	Slope, m	Intercept, b Corr. coeff., r 0.4659 0.9985	Method		alibration equation	Slope, m	Intercept, b Corr. coeff.,
Dickson recorder	Qstd = 1 / m1 [(1)(	Sqrt ( ( Pav / 760 ) ( 298 / Tav	)))-b1] 35.877	0.4659 0.9985	Dickson recorder	Ostd = 1/m1[(I)]	Sqrt ( ( Pav / 760 ) ( 298 / Ta	v)))-b1] 35,570	0.1315 0.9948
Calibration curve rea		88 1.0 1.2 1.4 Qstd / IC Calibration 0.990 : (B). At least 3 Ost	Curve	SP range ( 1.1 - 1.7 m3 / min ).		55.00 45.00 15.00 0.6	1.0 1.2 1.4 Qstd / IC Calibration		
Remark : C	Ostd $(m^3 / min) = 1/m$	[Sqrt (H <sub>2</sub> O (Pa / 760) (2	298 / Ta ) ) - b ].		Calibration curve re	quirements : (A), r >	0.990 : (B). At least 3 O	std numbers are in the TS	SP range ( 1.1 - 1.7 m3 / min )
Remark :Qstd ( $m^3$ / min ) = 1/m [Sqrt (H_2O (Pa / 760) (298 / Ta )) - b ].IC (corrected) = I [Sqrt ((Pa / 760) (298 / Ta ))].FLOW (corrected) = Sqrt (FLOW (mano) (Pa / 760) (298 / Ta )).Calibrated by :Name :(Poon Tsz Wing)Name :(Wong Yin TongFem No. DIS-HIVS-CAL 44 1601 2009			Remark :	Remark : $Qstd (m^3 / min) = 1/m [Sqrt (H_2O (Pa / 760) (298 / Ta)) - b].$ IC (corrected) = I [Sqrt ((Pa / 760) (298 / Ta))].         FLOW (corrected) = Sqrt (FLOW (mano) (Pa / 760) (298 / Ta)).					



## Catalogue of Dust Meter (TSI Sidepak AM510)

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



#### **User Friendly**

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

#### Advanced Features

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

#### **Quick and Easy Reports**

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

#### Power to Spare

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

#### Model AM510 SidePak Personal Aerosol Monitor

Sensitivity Sensor Type
Aerosol Concentration Range

Particle Size Range

Zero stability

Minimum Resolution

0.001 to 20 mg/m<sup>3</sup> (calibrated to respirable fraction of ISO 12103-1, A1 test dust) 0.1 to 10 micrometer (µm) 0.001 mg/m<sup>3</sup> ±0.001 mg/m<sup>3</sup> over 24 hours using 10-second time-constant Temperature Coefficient Approximately +0.0005 mg/m<sup>3</sup> per °C (for variations from temperature at which instrument was last zeroed)

90° light scattering,

670 nm laser diode

#### Flow Rate Range

Range

Range

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

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

**Operational Humidity** 0 to 95% RH, non-condensing

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

Data Logging Approx. 31,000 Data Points

Logging Interval User-adjustable, 1 second to 1 hour

#### **User-Select Calibration Factors** Factory Setting

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

#### Physical External Dimensions

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

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

Input Voltage Range Output Voltage 9 VDC @ 1.0 A

#### Maintenance Factory Clean/Calibrate User Zero Calibration

Before each use User Flow Calibration As needed

Recommended annually

#### Communications Interface

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

#### Minimum Computer Requirements for TrakPro™ Data Analysis Software

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

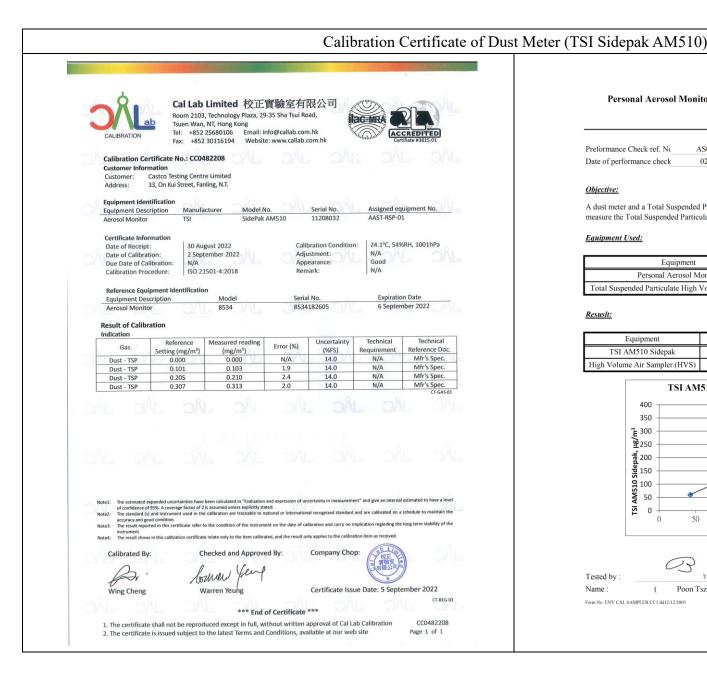
#### Battery Performance

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

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

#### **Battery Level Indicator**

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



#### Personal Aerosol Monitor Performance check with High Volume Sampler

Preformance Check ref. No	AS0220602-1	Report Issue Date	02/06/2023	
Date of performance check	02/06/2023			

#### Objective:

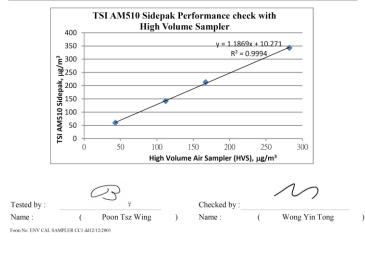
A dust meter and a Total Suspended Particulate High Volume Air Sampler (HVS) were placed together to measure the Total Suspended Particulate (TSP) concentrations simultaneously to check the performance.

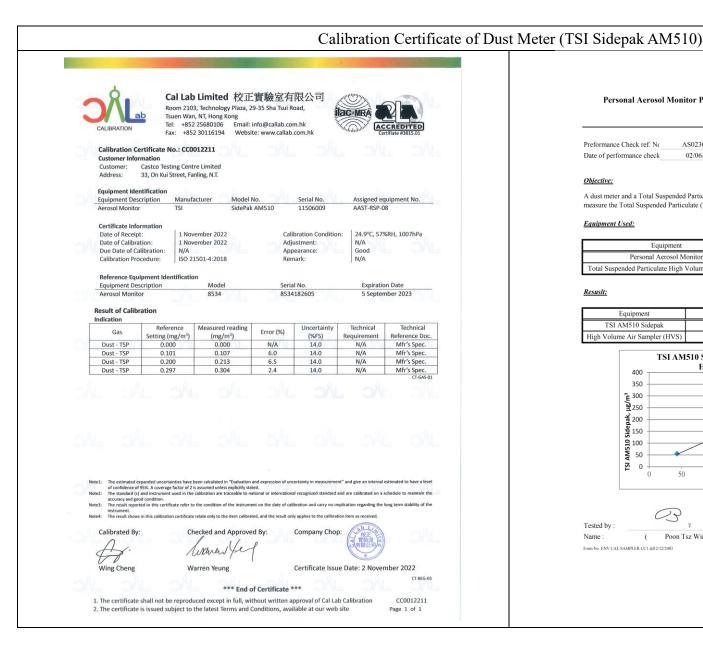
#### Equipment Used:

Equipment	Manufacturer and Model	Serial Number	
Personal Aerosol Monitor	TSI AM510 Sidepak	11208032	
Total Suspended Particulate High Volume Air Sampler	GS2310	10346	

#### Resust:

Equipment	Measurement Result, µg/m3				
TSI AM510 Sidepak	60	142	213	343	
High Volume Air Sampler (HVS)	43	112	167	282	





#### Personal Aerosol Monitor Performance check with High Volume Sampler

Preformance Check ref. No	AS0230602-4	Report Issue Date	02/06/2023	
Date of performance check	02/06/2023			

#### 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:

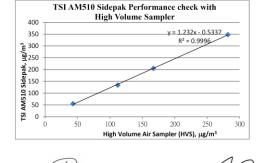
Equipment	Manufacturer and Model	Serial Number	
Personal Aerosol Monitor	TSI AM510 Sidepak	11506009	
Total Suspended Particulate High Volume Air Sampler	GS2310	10346	

#### Resust:

Tested by

Name :

Equipment	Measurement Result, µg/m3				
TSI AM510 Sidepak	55	134	205	348	
High Volume Air Sampler (HVS)	43	112	167	282	





#### 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<sup>™</sup> Range ..... 0 to 16 Index High)) The Vantage Pro2<sup>™</sup> (# 6152C) and Vantage Pro2<sup>™</sup> Plus (# 6162C) cabled weather stations include two components: the Integrated Sensor Suite (ISS) and the console. The ISS contains the sensor interface module (SIM), rain collector, an anemometer, and a passive radiation shield. The Vantage Pro2 console provides the user interface, data display, and calculations. The Vantage Pro2 Plus weather station includes two additional sensors that are optional on the Current Graph Data...... Instant Reading and Hourly Average; Daily, Monthly High Vantage Pro2 and purchased separately: the UV Sensor and the Solar Radiation Sensor. The console and ISS are powered by an AC-power adapter connected to the console. Batteries can be installed in the console to provide a backup power supply. Use WeatherLink<sup>®</sup> to let your weather station interface with a computer, log data, and upload weather information to the Internet. The 6152C and 6162C models rely on passive shielding to reduce solar-radiation induced temperature errors in the outside temperature sensor readings. Wind Wind Chill (Calculated) Integrated Sensor Suite (ISS) the nearest 1°C console and ISS Source..... United States National Weather Service (NWS)/NOAA Equation Used ...... Osczevski (1995) (adopted by US NWS in 2001) Cable Type ...... 4-conductor, 26 AWG Variables Used ...... Avg. Wind Speed Current Display Data ..... Instant Calculation Maximum displayable wind decreases as the length of cable increases, at 140° (42 m) of cable, the maximum wind speed displayed is 135 mph (60 Current Graph Data ...... Instant Calculation; Hourly, Daily and Monthly Low m/s); at 240' (73 m), the maximum wind speed displayed is 100 mph (34 m/s). Historical Graph Data. . . . . . . . . . . . . . . . Hourly, Daily and Monthly Lows Wind Speed Sensor ...... Solid state magnetic sensor Alarm..... Low Threshold from Instant Calculation Wind Direction Sensor ...... Wind vane with potentiometer Wind Direction Range ...... 1 - 360° (214 cm<sup>2</sup>) collection area Temperature Sensor Type..... PN Junction Silicon Diode Relative Humidity Sensor Type ...... Film capacitor element Accuracy ..... ±3° Update Interval ..... 2.5 to 3 seconds Sensor Inputs Current Graph Data ...... Instant Reading (user adjustable); 10-min. Dominant; Hourly, Daily, RF Filtering ...... RC low-pass filter on each signal line Monthly Dominant ISS Dimensions(not including anemometer or bird spikes); Monthly Dominants Wind Speed Resolution and Units ...... 1 mph, 1 km/h, 0.4 m/s, or 1 knot (user-selectable) Measured in mph; Vantage Pro2 with Fan-Asprated Rad Shield..... 20.8" x 9.4" x 16.0" (528 mm x 239 mm x 406 mm) other units are converted from mph and rounded to nearest 1 km/hr. 0.1 Vantage Pro2 Plus with Standard Rad Shield ..... 14.3" x 9.7" x 14.5" (363 mm x 246 mm x 368 mm) m/s or 1 knot Vantage Pro2 Plus with Fan-Aspirated Rad Shield ..... 21.1" x 9.7" x 16.0" (536 mm x 246 mm x 406 mm) Update Interval ..... Instant Reading: 2.5 to 3 seconds, 10-minute Average: 1 minute length of cable from anemometer to ISS increases.) Current Display Data ..... Instant Current Graph Data ...... Instant Reading; 10-minute and Hourly Average; Hourly High; Daily, Davis Instruments 3465 Diablo Ave., Hayward, CA 94545-2778 USA (510) 732-9229 - FAX (510) 670-0589 - sales@davisinstruments.com - www.davisinstruments.com Monthly and Yearly High with Direction of High DS6152C, 6162C Rev. W 12/7/18 Highs with Direction of Highs High Thresholds from Instant Reading and 10-minute Average Alarms

Calibration Certificate of Weather Station
Callbaltion Controllation Controllation Controllation         Controllation Controllation Controllation         Controllation Controllation Controllation         Callbaltion Controllation Controllation         Fail Hold Controllation Controllation         Controllation Controllation Controllation         Callbaltion Controllation Controllation         Callbaltion Controllation Controllation         Callbaltion Controllation Controllation         Callbaltion Controllation Controllation         Controllation Controllation         Callbaltion Controllation         Callbaltion Controllation         Callbaltion Controllation         Callbaltion Controllation         Callbaltion Controllation         Callbaltion Proceeding
Hot Wire Anemometer     9535     T95351316004     11 August 2024       DAL     DAL     DAL     DAL     DAL
and and and and and and and
Note::       The estimated espanded uncertainties have been calculated in "Contaction and expression of uncertainty in measurement" and give an internal estimated to have a level of confidence of 55%. A coverage factor of 2 is assumed unless explicitly stated.         Note::       The standard (1) and instrument used in the calibration and expression of uncertainty in measurement" and give an internal estimated to have a level of calibration and expression of uncertainty in measurement" and give an internal estimated to maintain the measurement on the date of calibration and expression of uncertainty in measurement" and give an internal estimated to maintain the measurement on the date of calibration and expression of uncertainty in measurement" and give an internal estimated to maintain the measurement on the date of calibration and expression of uncertainty in measurement.         Note::       The measurement is calibration carring are provided on the maintained, and the result only applies to the calibration intern parameter marked with "a out of coope of cal tab internal (AliA) 3815.01.         Note::       Calibration time/ parameter marked with "a out of coope of cal tab internal (AliA) 3815.01.         Approved By:       Company Chop:         Warren Yeung       Create on         Varren Yeung       Create on         1. The certificate shall not be reproduced except in full, without written approval of Cal Lab Limited       Ccoop2308         2. The certificate is issued subject to the latest Terms and Conditions, available at our web site       Page 1 of 2

# Appendix G – Weather information

### General Information

Date	Absolute Daily Min Temperature (°C)	Absolute Daily Max Temperature (°C)	Total Rainfall (mm)
01/09/2023	25	28.7	98.9
02/09/2023	25.2	27.2	80.4
03/09/2023	27	33.7	0.1
04/09/2023	27.3	32.6	Trace
05/09/2023	27.7	31	0.4
06/09/2023	27.8	32.1	0
07/09/2023	25.5	29.7	215.7
08/09/2023	25	26.3	425
09/09/2023	25.5	26.6	9.8
10/09/2023	24.8	26.5	67.4
11/09/2023	25.6	28.2	20.5
12/09/2023	26	29.4	0.9
13/09/2023	26.8	30.4	2.5
14/09/2023	25.6	28.2	103.5
15/09/2023	25.2	30.6	28.5
16/09/2023	25.4	28.8	4.3
17/09/2023	26.8	31.7	0
18/09/2023	27.4	32.7	0
19/09/2023	27.3	33.5	0
20/09/2023	27.5	32.9	0
21/09/2023	27.6	33.6	0
22/09/2023	28.4	34.4	Trace
23/09/2023	28.3	33.7	0
24/09/2023	28.5	33.1	0
25/09/2023	27.9	33.1	1.5
26/09/2023	28.3	33.4	0
27/09/2023	28.6	33.9	Trace
28/09/2023	28.7	33.6	0
29/09/2023	26.7	33.7	7.7
30/09/2023	28.2	33.6	0

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

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2023&m=9

Date	Time	Wind Speed (m/s)	Wind Direction												
01/09/2023	0:00	0.9	247.5	02/09/2023	0:00	4.9	270	03/09/2023	0:00	3.6	67.5	04/09/2023	0:00	0.4	112.5
01/09/2023	1:00	0.9	270	02/09/2023	1:00	4.9	247.5	03/09/2023	1:00	3.6	67.5	04/09/2023	1:00	0.4	135
01/09/2023	2:00	1.3	247.5	02/09/2023	2:00	4	315	03/09/2023	2:00	3.1	67.5	04/09/2023	2:00	0.9	90
01/09/2023	3:00	1.8	247.5	02/09/2023	3:00	5.8	135	03/09/2023	3:00	3.1	45	04/09/2023	3:00	0.4	67.5
01/09/2023	4:00	2.7	247.5	02/09/2023	4:00	5.4	135	03/09/2023	4:00	2.7	67.5	04/09/2023	4:00	0.9	90
01/09/2023	5:00	3.6	247.5	02/09/2023	5:00	4.9	157.5	03/09/2023	5:00	3.6	45	04/09/2023	5:00	0.9	112.5
01/09/2023	6:00	3.6	247.5	02/09/2023	6:00	4.5	202.5	03/09/2023	6:00	2.2	67.5	04/09/2023	6:00	0.9	67.5
01/09/2023	7:00	3.6	270	02/09/2023	7:00	3.6	292.5	03/09/2023	7:00	2.7	67.5	04/09/2023	7:00	0.9	112.5
01/09/2023	8:00	3.1	247.5	02/09/2023	8:00	3.1	270	03/09/2023	8:00	3.1	67.5	04/09/2023	8:00	0.9	90
01/09/2023	9:00	3.1	270	02/09/2023	9:00	4	270	03/09/2023	9:00	2.7	90	04/09/2023	9:00	0.9	112.5
01/09/2023	10:00	2.7	270	02/09/2023	10:00	5.8	225	03/09/2023	10:00	1.8	112.5	04/09/2023	10:00	0.9	112.5
01/09/2023	11:00	4	270	02/09/2023	11:00	4.5	247.5	03/09/2023	11:00	1.8	90	04/09/2023	11:00	0.9	90
01/09/2023	12:00	3.1	270	02/09/2023	12:00	4.9	225	03/09/2023	12:00	1.8	67.5	04/09/2023	12:00	0.9	90
01/09/2023	13:00	4	247.5	02/09/2023	13:00	4	247.5	03/09/2023	13:00	0.4	67.5	04/09/2023	13:00	0.9	67.5
01/09/2023	14:00	2.7	247.5	02/09/2023	14:00	3.1	247.5	03/09/2023	14:00	0.4	67.5	04/09/2023	14:00	0.4	45
01/09/2023	15:00	4	247.5	02/09/2023	15:00	3.1	247.5	03/09/2023	15:00	0.4	45	04/09/2023	15:00	0.4	90
01/09/2023	16:00	4.5	247.5	02/09/2023	16:00	3.1	270	03/09/2023	16:00	0.4	112.5	04/09/2023	16:00	0.4	67.5
01/09/2023	17:00	4.5	247.5	02/09/2023	17:00	1.8	247.5	03/09/2023	17:00	0.4	135	04/09/2023	17:00	0.9	90
01/09/2023	18:00	4	270	02/09/2023	18:00	2.7	247.5	03/09/2023	18:00	1.3	157.5	04/09/2023	18:00	0.9	157.5
01/09/2023	19:00	4	247.5	02/09/2023	19:00	4.5	67.5	03/09/2023	19:00	1.3	90	04/09/2023	19:00	1.3	270
01/09/2023	20:00	4.9	270	02/09/2023	20:00	5.8	112.5	03/09/2023	20:00	1.8	135	04/09/2023	20:00	0.9	90
01/09/2023	21:00	4	270	02/09/2023	21:00	4.9	135	03/09/2023	21:00	1.8	112.5	04/09/2023	21:00	0.9	247.5
01/09/2023	22:00	4	90	02/09/2023	22:00	4.9	112.5	03/09/2023	22:00	1.8	247.5	04/09/2023	22:00	1.3	112.5
01/09/2023	23:00	4.5	90	02/09/2023	23:00	4	247.5	03/09/2023	23:00	1.8	247.5	04/09/2023	23:00	1.3	270

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

Date	Time	Wind Speed (m/s)	Wind Direction												
05/09/2023	0:00	1.3	112.5	06/09/2023	0:00	0.4	112.5	07/09/2023	0:00	3.6	90	08/09/2023	0:00	4	90
05/09/2023	1:00	1.8	135	06/09/2023	1:00	0.4	90	07/09/2023	1:00	4	67.5	08/09/2023	1:00	4.5	90
05/09/2023	2:00	1.3	112.5	06/09/2023	2:00	0.9	270	07/09/2023	2:00	4.5	90	08/09/2023	2:00	3.6	225
05/09/2023	3:00	1.3	90	06/09/2023	3:00	0.4	135	07/09/2023	3:00	4.5	135	08/09/2023	3:00	3.6	225
05/09/2023	4:00	1.3	135	06/09/2023	4:00	0.4	135	07/09/2023	4:00	4.5	112.5	08/09/2023	4:00	3.6	270
05/09/2023	5:00	1.3	90	06/09/2023	5:00	0.4	112.5	07/09/2023	5:00	4.9	247.5	08/09/2023	5:00	3.6	292.5
05/09/2023	6:00	1.3	90	06/09/2023	6:00	0.4	247.5	07/09/2023	6:00	5.4	247.5	08/09/2023	6:00	3.1	270
05/09/2023	7:00	1.8	112.5	06/09/2023	7:00	0.9	202.5	07/09/2023	7:00	4	67.5	08/09/2023	7:00	4.5	292.5
05/09/2023	8:00	1.3	112.5	06/09/2023	8:00	0.4	112.5	07/09/2023	8:00	4	22.5	08/09/2023	8:00	4.9	270
05/09/2023	9:00	1.3	112.5	06/09/2023	9:00	0.4	135	07/09/2023	9:00	3.6	135	08/09/2023	9:00	4	270
05/09/2023	10:00	1.3	112.5	06/09/2023	10:00	0.4	112.5	07/09/2023	10:00	3.6	180	08/09/2023	10:00	4.9	90
05/09/2023	11:00	1.8	90	06/09/2023	11:00	0.9	112.5	07/09/2023	11:00	2.7	337.5	08/09/2023	11:00	4.5	112.5
05/09/2023	12:00	1.3	90	06/09/2023	12:00	0.9	112.5	07/09/2023	12:00	4	22.5	08/09/2023	12:00	4.5	270
05/09/2023	13:00	0.9	112.5	06/09/2023	13:00	0.9	337.5	07/09/2023	13:00	2.7	67.5	08/09/2023	13:00	3.6	112.5
05/09/2023	14:00	0.9	112.5	06/09/2023	14:00	0.4	22.5	07/09/2023	14:00	3.6	337.5	08/09/2023	14:00	4.5	135
05/09/2023	15:00	0.9	112.5	06/09/2023	15:00	0.9	315	07/09/2023	15:00	4	22.5	08/09/2023	15:00	4	135
05/09/2023	16:00	0.4	112.5	06/09/2023	16:00	0.9	112.5	07/09/2023	16:00	3.1	22.5	08/09/2023	16:00	3.6	112.5
05/09/2023	17:00	0.4	112.5	06/09/2023	17:00	0.9	67.5	07/09/2023	17:00	3.1	315	08/09/2023	17:00	3.1	112.5
05/09/2023	18:00	1.8	90	06/09/2023	18:00	0.9	292.5	07/09/2023	18:00	3.1	90	08/09/2023	18:00	4	112.5
05/09/2023	19:00	1.3	112.5	06/09/2023	19:00	0.9	247.5	07/09/2023	19:00	5.8	112.5	08/09/2023	19:00	3.6	135
05/09/2023	20:00	1.3	112.5	06/09/2023	20:00	0.9	247.5	07/09/2023	20:00	3.6	112.5	08/09/2023	20:00	4	112.5
05/09/2023	21:00	0.9	112.5	06/09/2023	21:00	1.3	225	07/09/2023	21:00	3.6	112.5	08/09/2023	21:00	3.6	112.5
05/09/2023	22:00	1.3	90	06/09/2023	22:00	1.3	247.5	07/09/2023	22:00	4.9	135	08/09/2023	22:00	3.6	90
05/09/2023	23:00	1.3	112.5	06/09/2023	23:00	1.3	225	07/09/2023	23:00	5.8	135	08/09/2023	23:00	3.1	135

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

Date	Time	Wind Speed (m/s)	Wind Direction												
09/09/2023	0:00	1.8	112.5	10/09/2023	0:00	1.8	270	11/09/2023	0:00	3.1	135	12/09/2023	0:00	1.3	112.5
09/09/2023	1:00	1.8	180	10/09/2023	1:00	1.3	315	11/09/2023	1:00	4	135	12/09/2023	1:00	1.8	112.5
09/09/2023	2:00	1.3	135	10/09/2023	2:00	1.3	45	11/09/2023	2:00	4	112.5	12/09/2023	2:00	1.3	112.5
09/09/2023	3:00	0.9	112.5	10/09/2023	3:00	1.8	270	11/09/2023	3:00	3.6	90	12/09/2023	3:00	1.3	112.5
09/09/2023	4:00	1.8	135	10/09/2023	4:00	2.7	247.5	11/09/2023	4:00	3.6	112.5	12/09/2023	4:00	1.8	135
09/09/2023	5:00	2.2	135	10/09/2023	5:00	1.8	247.5	11/09/2023	5:00	4.5	135	12/09/2023	5:00	1.8	112.5
09/09/2023	6:00	2.2	112.5	10/09/2023	6:00	1.3	270	11/09/2023	6:00	3.6	270	12/09/2023	6:00	2.7	90
09/09/2023	7:00	1.8	135	10/09/2023	7:00	0.9	247.5	11/09/2023	7:00	3.6	270	12/09/2023	7:00	2.7	135
09/09/2023	8:00	1.8	157.5	10/09/2023	8:00	0.9	247.5	11/09/2023	8:00	4	270	12/09/2023	8:00	1.3	112.5
09/09/2023	9:00	0.4	90	10/09/2023	9:00	1.3	270	11/09/2023	9:00	4	225	12/09/2023	9:00	2.2	112.5
09/09/2023	10:00	0.8	135	10/09/2023	10:00	2.7	90	11/09/2023	10:00	5.4	225	12/09/2023	10:00	1.3	112.5
09/09/2023	11:00	0.8	112.5	10/09/2023	11:00	2.7	67.5	11/09/2023	11:00	4.5	202.5	12/09/2023	11:00	1.8	112.5
09/09/2023	12:00	0.8	90	10/09/2023	12:00	3.1	90	11/09/2023	12:00	1.8	247.5	12/09/2023	12:00	2.2	67.5
09/09/2023	13:00	0.8	90	10/09/2023	13:00	1.8	90	11/09/2023	13:00	1.8	270	12/09/2023	13:00	1.3	90
09/09/2023	14:00	0.8	135	10/09/2023	14:00	1.8	90	11/09/2023	14:00	3.6	247.5	12/09/2023	14:00	1.3	135
09/09/2023	15:00	1.21	90	10/09/2023	15:00	3.6	90	11/09/2023	15:00	2.7	247.5	12/09/2023	15:00	1.3	135
09/09/2023	16:00	0.8	135	10/09/2023	16:00	2.7	67.5	11/09/2023	16:00	1.8	247.5	12/09/2023	16:00	1.3	135
09/09/2023	17:00	0.8	90	10/09/2023	17:00	1.8	90	11/09/2023	17:00	1.8	225	12/09/2023	17:00	1.3	135
09/09/2023	18:00	0.8	90	10/09/2023	18:00	1.8	112.5	11/09/2023	18:00	2.7	22.5	12/09/2023	18:00	1.3	135
09/09/2023	19:00	0.8	90	10/09/2023	19:00	2.7	67.5	11/09/2023	19:00	1.8	67.5	12/09/2023	19:00	1.3	135
09/09/2023	20:00	0.8	90	10/09/2023	20:00	1.8	112.5	11/09/2023	20:00	1.3	135	12/09/2023	20:00	1.3	135
09/09/2023	21:00	0.4	67.5	10/09/2023	21:00	1.3	90	11/09/2023	21:00	1.8	112.5	12/09/2023	21:00	1.8	135
09/09/2023	22:00	0.8	67.5	10/09/2023	22:00	1.8	112.5	11/09/2023	22:00	1.3	112.5	12/09/2023	22:00	1.8	247.5
09/09/2023	23:00	0.8	90	10/09/2023	23:00	2.2	112.5	11/09/2023	23:00	1.8	112.5	12/09/2023	23:00	0.9	202.5

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

Date	Time	Wind Speed (m/s)	Wind Direction												
13/09/2023	0:00	0.8	112.5	14/09/2023	0:00	1.8	112.5	15/09/2023	0:00	2.2	112.5	16/09/2023	0:00	0.9	270
13/09/2023	1:00	0.8	135	14/09/2023	1:00	1.3	67.5	15/09/2023	1:00	1.3	247.5	16/09/2023	1:00	0.9	247.5
13/09/2023	2:00	0.4	112.5	14/09/2023	2:00	1.3	292.5	15/09/2023	2:00	1.3	225	16/09/2023	2:00	1.3	225
13/09/2023	3:00	0.4	112.5	14/09/2023	3:00	1.8	112.5	15/09/2023	3:00	1.3	202.5	16/09/2023	3:00	1.3	292.5
13/09/2023	4:00	0.9	225	14/09/2023	4:00	1.8	135	15/09/2023	4:00	1.3	90	16/09/2023	4:00	1.3	315
13/09/2023	5:00	0.9	247.5	14/09/2023	5:00	1.3	112.5	15/09/2023	5:00	1.3	22.5	16/09/2023	5:00	1.8	247.5
13/09/2023	6:00	1.8	247.5	14/09/2023	6:00	0.9	135	15/09/2023	6:00	1.3	90	16/09/2023	6:00	1.8	225
13/09/2023	7:00	0.9	225	14/09/2023	7:00	0.9	112.5	15/09/2023	7:00	1.3	225	16/09/2023	7:00	1.3	157.5
13/09/2023	8:00	1.8	247.5	14/09/2023	8:00	0.4	90	15/09/2023	8:00	1.3	247.5	16/09/2023	8:00	1.8	202.5
13/09/2023	9:00	1.8	270	14/09/2023	9:00	0.9	135	15/09/2023	9:00	1.8	247.5	16/09/2023	9:00	2.2	202.5
13/09/2023	10:00	1.8	157.5	14/09/2023	10:00	1.3	90	15/09/2023	10:00	1.8	112.5	16/09/2023	10:00	2.2	247.5
13/09/2023	11:00	2.7	225	14/09/2023	11:00	1.8	135	15/09/2023	11:00	0.9	45	16/09/2023	11:00	1.3	90
13/09/2023	12:00	1.8	225	14/09/2023	12:00	0.9	90	15/09/2023	12:00	0.9	90	16/09/2023	12:00	1.8	90
13/09/2023	13:00	1.8	22.5	14/09/2023	13:00	0.9	135	15/09/2023	13:00	0.9	202.5	16/09/2023	13:00	1.3	135
13/09/2023	14:00	2.7	225	14/09/2023	14:00	0.9	90	15/09/2023	14:00	0.9	225	16/09/2023	14:00	1.3	135
13/09/2023	15:00	1.8	225	14/09/2023	15:00	0.4	90	15/09/2023	15:00	1.3	247.5	16/09/2023	15:00	0.9	135
13/09/2023	16:00	1.8	225	14/09/2023	16:00	1.8	292.5	15/09/2023	16:00	0.9	270	16/09/2023	16:00	1.3	337.5
13/09/2023	17:00	1.3	247.5	14/09/2023	17:00	1.3	112.5	15/09/2023	17:00	0.9	292.5	16/09/2023	17:00	1.3	22.5
13/09/2023	18:00	0.4	225	14/09/2023	18:00	0.9	112.5	15/09/2023	18:00	0.9	270	16/09/2023	18:00	1.3	315
13/09/2023	19:00	0.4	225	14/09/2023	19:00	0.4	112.5	15/09/2023	19:00	0.9	247.5	16/09/2023	19:00	0.9	112.5
13/09/2023	20:00	0.9	135	14/09/2023	20:00	1.3	112.5	15/09/2023	20:00	0.9	112.5	16/09/2023	20:00	0.9	315
13/09/2023	21:00	0.9	225	14/09/2023	21:00	0.4	112.5	15/09/2023	21:00	0.4	112.5	16/09/2023	21:00	0.4	292.5
13/09/2023	22:00	1.3	225	14/09/2023	22:00	0.9	135	15/09/2023	22:00	0.4	247.5	16/09/2023	22:00	0.9	270
13/09/2023	23:00	1.8	247.5	14/09/2023	23:00	1.8	112.5	15/09/2023	23:00	0.4	247.5	16/09/2023	23:00	0.4	202.5

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

Date	Time	Wind Speed (m/s)	Wind Direction												
17/09/2023	0:00	0.9	135	18/09/2023	0:00	0.4	45	19/09/2023	0:00	0.4	45	20/09/2023	0:00	0.4	135
17/09/2023	1:00	0.9	112.5	18/09/2023	1:00	0.9	67.5	19/09/2023	1:00	1.3	135	20/09/2023	1:00	0.4	135
17/09/2023	2:00	0.9	67.5	18/09/2023	2:00	1.3	112.5	19/09/2023	2:00	1.8	202.5	20/09/2023	2:00	0.4	112.5
17/09/2023	3:00	0.9	135	18/09/2023	3:00	1.3	22.5	19/09/2023	3:00	1.8	202.5	20/09/2023	3:00	1.3	45
17/09/2023	4:00	0.4	135	18/09/2023	4:00	1.3	45	19/09/2023	4:00	1.3	135	20/09/2023	4:00	1.3	45
17/09/2023	5:00	0.4	135	18/09/2023	5:00	1.3	67.5	19/09/2023	5:00	1.3	112.5	20/09/2023	5:00	1.3	337.5
17/09/2023	6:00	0.9	135	18/09/2023	6:00	1.8	112.5	19/09/2023	6:00	1.8	112.5	20/09/2023	6:00	1.3	90
17/09/2023	7:00	0.9	112.5	18/09/2023	7:00	1.3	157.5	19/09/2023	7:00	1.3	112.5	20/09/2023	7:00	0.9	112.5
17/09/2023	8:00	1.3	112.5	18/09/2023	8:00	1.3	315	19/09/2023	8:00	1.3	135	20/09/2023	8:00	0.9	22.5
17/09/2023	9:00	1.8	135	18/09/2023	9:00	1.3	292.5	19/09/2023	9:00	1.3	45	20/09/2023	9:00	0.9	270
17/09/2023	10:00	1.8	112.5	18/09/2023	10:00	1.8	135	19/09/2023	10:00	1.8	337.5	20/09/2023	10:00	0.9	270
17/09/2023	11:00	0.9	157.5	18/09/2023	11:00	1.8	45	19/09/2023	11:00	0.9	247.5	20/09/2023	11:00	1.3	225
17/09/2023	12:00	1.3	112.5	18/09/2023	12:00	1.3	202.5	19/09/2023	12:00	0.9	112.5	20/09/2023	12:00	0.9	270
17/09/2023	13:00	1.3	67.5	18/09/2023	13:00	1.3	135	19/09/2023	13:00	0.4	112.5	20/09/2023	13:00	0.9	202.5
17/09/2023	14:00	1.8	0	18/09/2023	14:00	1.3	112.5	19/09/2023	14:00	0.4	112.5	20/09/2023	14:00	1.3	135
17/09/2023	15:00	1.8	45	18/09/2023	15:00	1.3	45	19/09/2023	15:00	0.9	135	20/09/2023	15:00	0.4	135
17/09/2023	16:00	1.8	45	18/09/2023	16:00	2.2	135	19/09/2023	16:00	0.4	112.5	20/09/2023	16:00	0.4	135
17/09/2023	17:00	1.3	112.5	18/09/2023	17:00	1.3	180	19/09/2023	17:00	0.9	90	20/09/2023	17:00	0.4	135
17/09/2023	18:00	1.3	22.5	18/09/2023	18:00	1.3	112.5	19/09/2023	18:00	1.3	112.5	20/09/2023	18:00	0.4	112.5
17/09/2023	19:00	0.9	22.5	18/09/2023	19:00	0.9	112.5	19/09/2023	19:00	1.3	112.5	20/09/2023	19:00	0.9	135
17/09/2023	20:00	0.9	45	18/09/2023	20:00	1.8	135	19/09/2023	20:00	0.9	135	20/09/2023	20:00	0.9	112.5
17/09/2023	21:00	0.9	45	18/09/2023	21:00	1.8	135	19/09/2023	21:00	0.9	112.5	20/09/2023	21:00	0.4	135
17/09/2023	22:00	0.9	67.5	18/09/2023	22:00	1.8	112.5	19/09/2023	22:00	1.3	135	20/09/2023	22:00	0.4	112.5
17/09/2023	23:00	0.9	112.5	18/09/2023	23:00	1.8	135	19/09/2023	23:00	0.9	112.5	20/09/2023	23:00	0.4	67.5

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

Date	Time	Wind Speed (m/s)	Wind Direction												
21/09/2023	0:00	0.9	135	22/09/2023	0:00	1.3	135	23/09/2023	0:00	1.8	270	24/09/2023	0:00	0.9	22.5
21/09/2023	1:00	0.4	135	22/09/2023	1:00	1.8	135	23/09/2023	1:00	0.9	45	24/09/2023	1:00	1.3	337.5
21/09/2023	2:00	0.4	135	22/09/2023	2:00	0.4	112.5	23/09/2023	2:00	1.3	225	24/09/2023	2:00	0.9	45
21/09/2023	3:00	0.9	135	22/09/2023	3:00	0.4	45	23/09/2023	3:00	1.3	270	24/09/2023	3:00	0.9	67.5
21/09/2023	4:00	1.3	112.5	22/09/2023	4:00	0.4	45	23/09/2023	4:00	1.3	135	24/09/2023	4:00	1.8	112.5
21/09/2023	5:00	0.4	135	22/09/2023	5:00	0.9	337.5	23/09/2023	5:00	1.3	90	24/09/2023	5:00	1.8	135
21/09/2023	6:00	1.8	202.5	22/09/2023	6:00	0.9	90	23/09/2023	6:00	1.3	45	24/09/2023	6:00	2.2	90
21/09/2023	7:00	1.8	112.5	22/09/2023	7:00	0.9	337.5	23/09/2023	7:00	0.9	67.5	24/09/2023	7:00	2.7	337.5
21/09/2023	8:00	1.3	90	22/09/2023	8:00	0.9	22.5	23/09/2023	8:00	1.3	135	24/09/2023	8:00	2.2	90
21/09/2023	9:00	1.3	112.5	22/09/2023	9:00	0.4	270	23/09/2023	9:00	0.9	112.5	24/09/2023	9:00	1.3	22.5
21/09/2023	10:00	1.3	45	22/09/2023	10:00	0.4	270	23/09/2023	10:00	1.3	112.5	24/09/2023	10:00	0.9	112.5
21/09/2023	11:00	1.8	67.5	22/09/2023	11:00	0.4	225	23/09/2023	11:00	0.9	45	24/09/2023	11:00	1.3	67.5
21/09/2023	12:00	2.7	112.5	22/09/2023	12:00	0.9	270	23/09/2023	12:00	0.9	112.5	24/09/2023	12:00	0.4	45
21/09/2023	13:00	0.9	202.5	22/09/2023	13:00	0.9	202.5	23/09/2023	13:00	1.3	135	24/09/2023	13:00	1.3	112.5
21/09/2023	14:00	0.9	45	22/09/2023	14:00	0.4	135	23/09/2023	14:00	0.9	67.5	24/09/2023	14:00	0.9	45
21/09/2023	15:00	2.7	135	22/09/2023	15:00	0.4	135	23/09/2023	15:00	0.4	45	24/09/2023	15:00	1.3	90
21/09/2023	16:00	1.3	202.5	22/09/2023	16:00	0.4	135	23/09/2023	16:00	0.4	67.5	24/09/2023	16:00	0.9	45
21/09/2023	17:00	1.3	22.5	22/09/2023	17:00	0.4	135	23/09/2023	17:00	1.3	112.5	24/09/2023	17:00	0.4	67.5
21/09/2023	18:00	1.3	135	22/09/2023	18:00	0.4	112.5	23/09/2023	18:00	0.9	112.5	24/09/2023	18:00	0.9	135
21/09/2023	19:00	1.3	135	22/09/2023	19:00	0.9	135	23/09/2023	19:00	0.9	135	24/09/2023	19:00	0.4	90
21/09/2023	20:00	0.9	202.5	22/09/2023	20:00	0.9	112.5	23/09/2023	20:00	0.4	135	24/09/2023	20:00	1.3	90
21/09/2023	21:00	0.4	202.5	22/09/2023	21:00	0.4	135	23/09/2023	21:00	0.4	112.5	24/09/2023	21:00	1.8	67.5
21/09/2023	22:00	0.4	202.5	22/09/2023	22:00	0.4	112.5	23/09/2023	22:00	0.4	135	24/09/2023	22:00	1.3	112.5
21/09/2023	23:00	1.3	112.5	22/09/2023	23:00	0.9	67.5	23/09/2023	23:00	0.4	112.5	24/09/2023	23:00	0.4	90

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

Date	Time	Wind Speed (m/s)	Wind Direction												
25/09/2023	0:00	1.8	67.5	26/09/2023	0:00	0.4	157.5	27/09/2023	0:00	0.4	135	28/09/2023	0:00	0.9	22.5
25/09/2023	1:00	1.8	45	26/09/2023	1:00	0.9	202.5	27/09/2023	1:00	0.4	135	28/09/2023	1:00	1.3	315
25/09/2023	2:00	1.8	112.5	26/09/2023	2:00	0.4	112.5	27/09/2023	2:00	0.9	90	28/09/2023	2:00	1.8	45
25/09/2023	3:00	1.8	22.5	26/09/2023	3:00	0.9	157.5	27/09/2023	3:00	1.3	112.5	28/09/2023	3:00	1.8	22.5
25/09/2023	4:00	0.4	112.5	26/09/2023	4:00	0.9	90	27/09/2023	4:00	0.9	112.5	28/09/2023	4:00	0.9	292.5
25/09/2023	5:00	1.3	90	26/09/2023	5:00	0.9	90	27/09/2023	5:00	1.3	112.5	28/09/2023	5:00	0.9	67.5
25/09/2023	6:00	0.9	45	26/09/2023	6:00	0.9	22.5	27/09/2023	6:00	1.3	135	28/09/2023	6:00	1.3	292.5
25/09/2023	7:00	0.4	45	26/09/2023	7:00	0.9	90	27/09/2023	7:00	0.9	112.5	28/09/2023	7:00	1.8	112.5
25/09/2023	8:00	0.4	292.5	26/09/2023	8:00	0.9	45	27/09/2023	8:00	0.9	112.5	28/09/2023	8:00	1.8	135
25/09/2023	9:00	0.9	22.5	26/09/2023	9:00	1.3	90	27/09/2023	9:00	1.3	67.5	28/09/2023	9:00	0.9	135
25/09/2023	10:00	1.3	315	26/09/2023	10:00	1.3	90	27/09/2023	10:00	1.3	157.5	28/09/2023	10:00	0.9	135
25/09/2023	11:00	1.8	337.5	26/09/2023	11:00	1.3	22.5	27/09/2023	11:00	0.9	112.5	28/09/2023	11:00	0.9	315
25/09/2023	12:00	1.3	315	26/09/2023	12:00	0.4	315	27/09/2023	12:00	0.9	180	28/09/2023	12:00	0.9	112.5
25/09/2023	13:00	1.3	67.5	26/09/2023	13:00	0.9	45	27/09/2023	13:00	1.3	112.5	28/09/2023	13:00	0.9	135
25/09/2023	14:00	1.3	67.5	26/09/2023	14:00	1.3	22.5	27/09/2023	14:00	0.9	90	28/09/2023	14:00	0.4	45
25/09/2023	15:00	1.3	337.5	26/09/2023	15:00	0.9	292.5	27/09/2023	15:00	1.3	135	28/09/2023	15:00	0.9	337.5
25/09/2023	16:00	1.3	135	26/09/2023	16:00	0.4	67.5	27/09/2023	16:00	1.3	112.5	28/09/2023	16:00	0.4	135
25/09/2023	17:00	1.8	135	26/09/2023	17:00	0.4	292.5	27/09/2023	17:00	0.4	135	28/09/2023	17:00	0.9	22.5
25/09/2023	18:00	0.4	112.5	26/09/2023	18:00	1.3	112.5	27/09/2023	18:00	0.9	135	28/09/2023	18:00	0.9	22.5
25/09/2023	19:00	0.4	112.5	26/09/2023	19:00	1.3	135	27/09/2023	19:00	1.3	135	28/09/2023	19:00	0.4	22.5
25/09/2023	20:00	0.4	157.5	26/09/2023	20:00	1.3	135	27/09/2023	20:00	1.3	157.5	28/09/2023	20:00	1.3	90
25/09/2023	21:00	0.4	112.5	26/09/2023	21:00	0.9	135	27/09/2023	21:00	0.9	135	28/09/2023	21:00	1.3	135
25/09/2023	22:00	0.4	90	26/09/2023	22:00	0.9	315	27/09/2023	22:00	1.3	112.5	28/09/2023	22:00	1.3	45
25/09/2023	23:00	0.4	112.5	26/09/2023	23:00	0.4	112.5	27/09/2023	23:00	0.4	270	28/09/2023	23:00	1.3	337.5

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

Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction	Date	Time	Wind Speed (m/s)	Wind Direction
29/09/2023	0:00	0.4	67.5	30/09/2023	0:00	0.9	337.5								
29/09/2023	1:00	0.4	67.5	30/09/2023	1:00	0.9	270								
29/09/2023	2:00	0.4	45	30/09/2023	2:00	1.3	315								
29/09/2023	3:00	1.3	112.5	30/09/2023	3:00	1.3	45								
29/09/2023	4:00	1.3	315	30/09/2023	4:00	1.3	337.5								
29/09/2023	5:00	0.9	135	30/09/2023	5:00	1.3	270								
29/09/2023	6:00	0.4	292.5	30/09/2023	6:00	1.3	315								
29/09/2023	7:00	0.9	135	30/09/2023	7:00	1.8	45								
29/09/2023	8:00	0.4	45	30/09/2023	8:00	1.3	270								
29/09/2023	9:00	0.4	315	30/09/2023	9:00	1.3	45								
29/09/2023	10:00	0.4	22.5	30/09/2023	10:00	0.9	22.5								
29/09/2023	11:00	0.9	112.5	30/09/2023	11:00	1.3	45								
29/09/2023	12:00	0.4	45	30/09/2023	12:00	0.9	22.5								
29/09/2023	13:00	0.4	112.5	30/09/2023	13:00	0.9	202.5								
29/09/2023	14:00	0.4	45	30/09/2023	14:00	0.9	292.5								
29/09/2023	15:00	0.9	22.5	30/09/2023	15:00	0.9	337.5								
29/09/2023	16:00	0.9	45	30/09/2023	16:00	0.9	90								
29/09/2023	17:00	0.4	135	30/09/2023	17:00	0.9	45								
29/09/2023	18:00	1.3	112.5	30/09/2023	18:00	0.9	292.5								
29/09/2023	19:00	0.9	90	30/09/2023	19:00	0.9	270								
29/09/2023	20:00	0.9	90	30/09/2023	20:00	0.9	45								
29/09/2023	21:00	0.9	135	30/09/2023	21:00	1.3	45								
29/09/2023	22:00	1.3	22.5	30/09/2023	22:00	1.3	315								
29/09/2023	23:00	0.4	45	30/09/2023	23:00	1.3	337.5								

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

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

Location: AM3 – Sky Tower

Start Date	Weather	Air Temp.	Atmospheric Pressure	Filter we		Particulate weight (g)	•	e Time	Sampling Time	Flow (cfi	m)	Av. Flow	Total vol.	Conc. (µg/m <sup>3</sup> )
		(°C)	(hPa)	Initial	Final	weight (g)	Initial	Final	(min)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	(µg/m)
05/09/2023	Sunny	31	1003.6	18.4638	18.5581	0.0943	2023/9/5 9:24	2023/9/6 9:24	1440	46	46	1.25	1800	52
11/09/2023	Cloudy	28	1007.3	18.2045	18.3262	0.1217	2023/9/11 13:24	2023/9/12 13:24	1440	46	46	1.26	1813	67
16/09/2023	Cloudy	30.1	1011.1	18.2286	18.2911	0.0625	2023/9/16 9:25	2023/9/17 9:25	1440	46	46	1.26	1810	35
22/09/2023	Sunny	32.8	1010.4	14.9973	15.0487	0.0514	2023/9/22 13:26	2023/9/23 13:26	1440	46	46	1.25	1801	29
28/09/2023	Sunny	32.5	1011.6	18.6444	18.7894	0.1450	2023/9/28 13:31	2023/9/29 13:31	1440	46	46	1.25	1803	80
												Maxim	num	80
												Minim	um	29
												Avera	ıge	53
												Action I	Level	182
												Limit L	evel	260

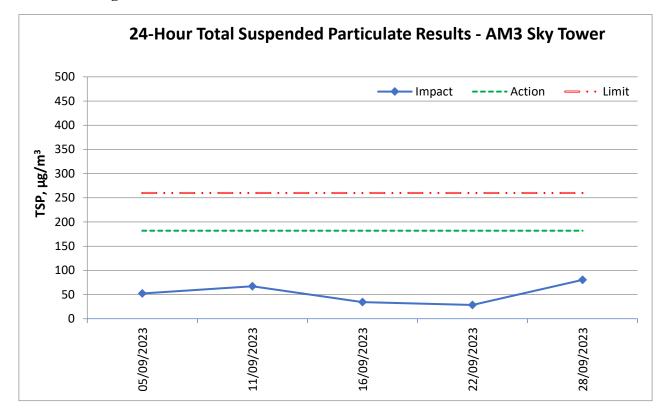
Location: AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop

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

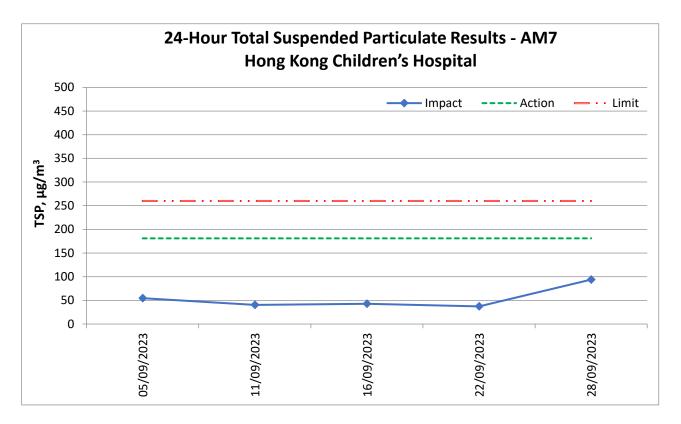
Location: AM7 – Hong Kong Children's Hospital

Start Date	Weather	Air Temp.	Atmospheric Pressure	Filter we	eight (g)	Particulate	Elapse	e Time	Sampling Time	Flow (cf		Av. Flow	Total vol.	Conc. $(\sqrt{2}/m^3)$
		(°C)	(hPa)	Initial	Final	weight (g)	Initial	Final	(min)	Initial	Final	(m <sup>3</sup> /min)	(m <sup>3</sup> )	$(\mu g/m^3)$
05/09/2023	Sunny	31	1003.6	14.7774	14.8818	0.1044	11081.01	11105.03	1441	48	48	1.33	1911	55
11/09/2023	Cloudy	28	1007.3	15.0196	15.0939	0.0743	11105.35	11129.37	1441	46	46	1.28	1844	40
16/09/2023	Cloudy	30.1	1011.1	18.4862	18.5683	0.0821	11130.12	11154.14	1441	48	48	1.33	1921	43
22/09/2023	Sunny	32.8	1010.4	14.8925	14.9637	0.0712	11154.44	11178.46	1441	48	48	1.33	1912	37
28/09/2023	Sunny	32.5	1011.6	18.7517	18.9314	0.1797	11178.64	11202.66	1441	48	48	1.33	1914	94
												Maxim	um	94
												Minim	um	37
												Avera	ge	54
												Action I	Level	181
												Limit L	evel	260

#### 24-hour average TSP



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



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

Date	Measure	eme	nt Period	1-hr TSP concentration, µg/m <sup>3</sup>	Weather
	9:00	-	10:00	46	
05/09/2023	10:00	-	11:00	48	Sunny
	11:00	-	12:00	48	
	13:00	-	14:00	59	
11/09/2023	14:00	-	15:00	60	Cloudy
	15:00	-	16:00	58	
	9:00	-	10:00	28	
16/09/2023	10:00	-	11:00	30	Cloudy
	11:00	-	12:00	31	
	13:00	-	14:00	28	
22/09/2023	14:00	-	15:00	32	Sunny
	15:00	-	16:00	35	
	13:00	-	14:00	80	
28/09/2023	14:00	-	15:00	82	Sunny
	15:00	-	16:00	81	
Ν	laximum	1		82	
Ν	/linimum			28	
	Average			50	
	tion Lev			297	
Li	mit Leve	el		500	

### Location:

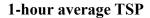
AM3 -

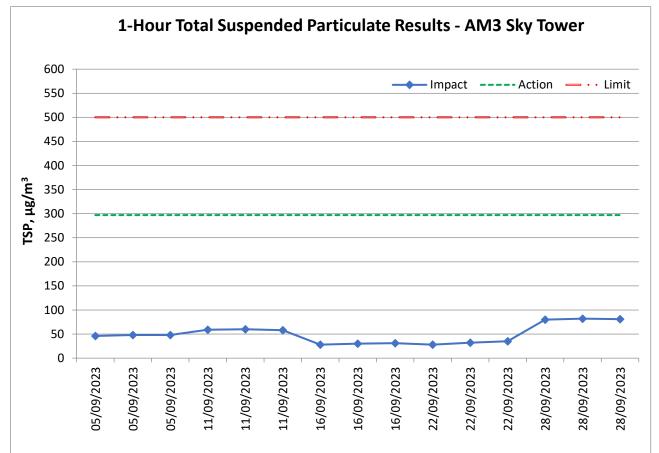
**Sky Tower** 

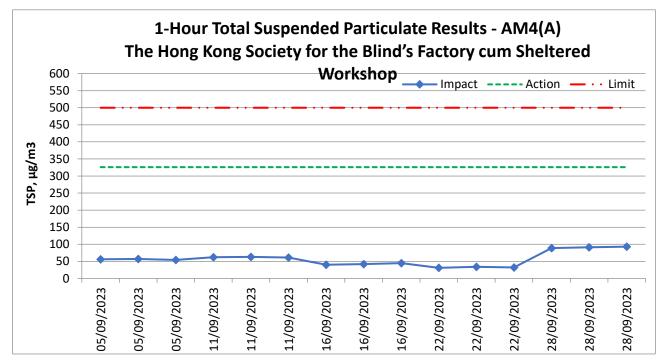
	Date	Measure	mei	nt Period	1-hr TSP concentration, µg/m <sup>3</sup>	Weather
Location:		9:00	-	10:00	56	
AM4(A) -	05/09/2023	10:00	-	11:00	57	Sunny
The Hong Kong		11:00	-	12:00	54	
Society for the		13:00	-	14:00	62	
Blind's Factory	11/09/2023	14:00	-	15:00	63	Cloudy
cum Sheltered		15:00	-	16:00	61	
Workshop		9:00	-	10:00	40	
	16/09/2023	10:00	-	11:00	42	Cloudy
		11:00	-	12:00	45	
		9:30	-	10:30	31	
	22/09/2023	10:30	-	11:30	34	Sunny
		16:30	-	17:30	32	
		13:00	-	14:00	89	
	28/09/2023	14:00	-	15:00	91	Sunny
		15:00	-	16:00	93	
		/laximum			93	
		Ainimum			31	
		Average	1		57	
		ction Leve			326	
	L	mint Leve	1		500	

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

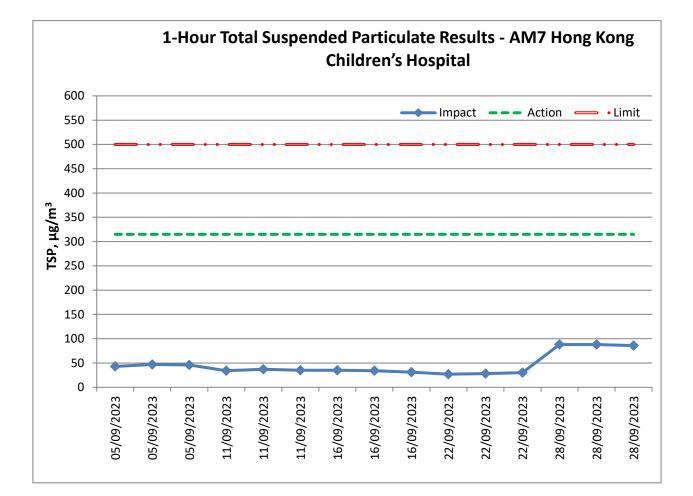
		Date	Measure	mei	nt Period	1-hr TSP concentration, µg/m <sup>3</sup>	Weather
Location:			13:00	-	14:00	43	
AM7 -		05/09/2023	14:00	-	15:00	47	Sunny
Hong	Kong		15:00	-	16:00	46	
Children's	U		9:00	-	10:00	34	
Hospital		11/09/2023	10:00	-	11:00	37	Cloudy
1			11:00	-	12:00	35	
			13:00	-	14:00	35	
		16/09/2023	14:00	-	15:00	34	Cloudy
			15:00	-	16:00	31	
		22/09/2023	13:00	-	14:00	27	
			14:00	-	15:00	28	Sunny
			15:00	-	16:00	30	
			9:00	-	10:00	88	
		28/09/2023	10:00	-	11:00	88	Sunny
			11:00	-	12:00	86	
		Ν	/laximum			88	
		Ν	Minimum			27	
		-	Average			46	
			ction Leve			315	
		L	imit Level	l		500	







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



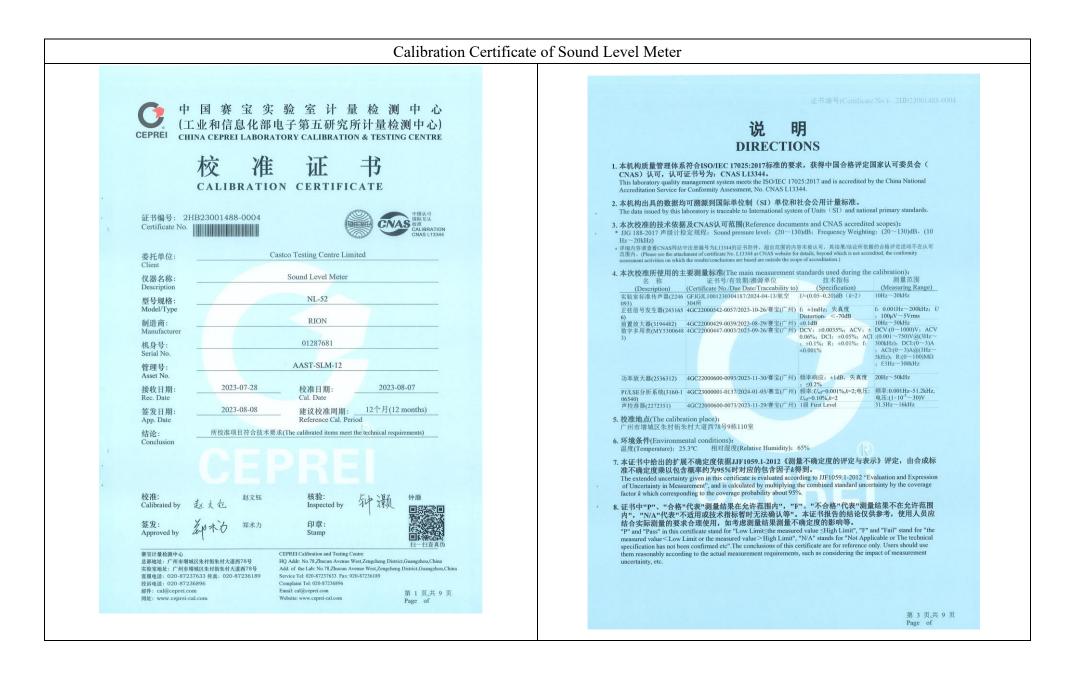
## Appendix J – Event and Action Plan for air quality

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

		Ac	tion	
Event	ET	IEC	Supervisor / ER	Contractor
	Contractor's remedial actions and keep EPD, IEC and Supervisor /ER informed of the results.	on the effectiveness of the proposed remedial measures.	<ul> <li>implemented;</li> <li>4. Supervise implementation of remedial measures;</li> <li>5. Conduct meeting with ET and IEC if exceedance continues.</li> </ul>	<ul><li>within three working days of notification;</li><li>4. Implement the agreed proposals.</li></ul>
Limit Level being exceeded by two or more consecutive sampling	<ol> <li>Notify IEC, Supervisor /ER, Contractor and EPD;</li> <li>Repeat measurement to confirm findings;</li> <li>Carry out analysis of Contractor's working procedures to identify source and investigate the causes of exceedance;</li> <li>Increase monitoring frequency to daily;</li> <li>Arrange meeting with IEC, Supervisor /ER and Contractor to discuss the remedial action to be taken;</li> <li>Assess effectiveness of Contractor's remedial actions and keep EPD, IEC and Supervisor /ER</li> </ol>	<ul> <li>submitted by ET;</li> <li>Check Contractor's working method;</li> </ul>	<ul> <li>notification of exceedance in writing;</li> <li>2. Notify Contractor;</li> <li>3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;</li> <li>4. Supervise implementation of remedial measures;</li> </ul>	<ol> <li>Take immediate action to avoid further exceedance;</li> <li>Discuss with ET and IEC on proper remedial actions;</li> <li>Submit proposal for remedial actions to Supervisor /ER and IEC within three working days of notification;</li> <li>Implement the agreed proposals;</li> <li>Submit further remedial actions if problem still not under control;</li> <li>Stop the relevant portion of works as instructed by the Supervisor /ER until the exceedance is abated.</li> </ol>
	7. If exceedance stop, cease additional monitoring.			

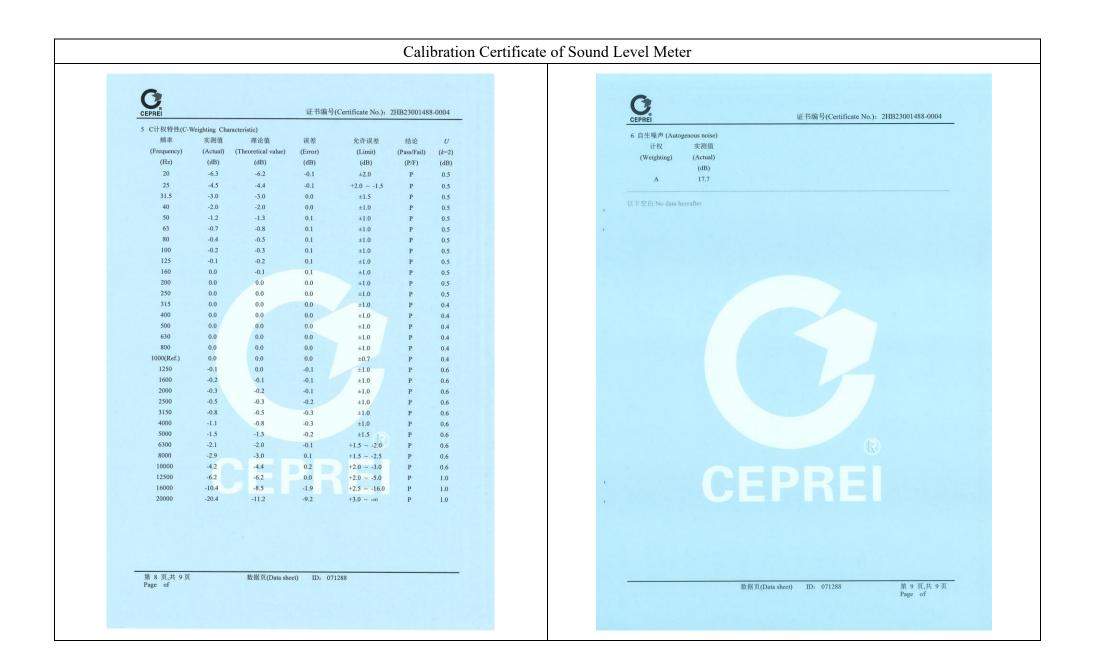
Appendix K – Calibration certificates, catalogue of noise monitoring equipment

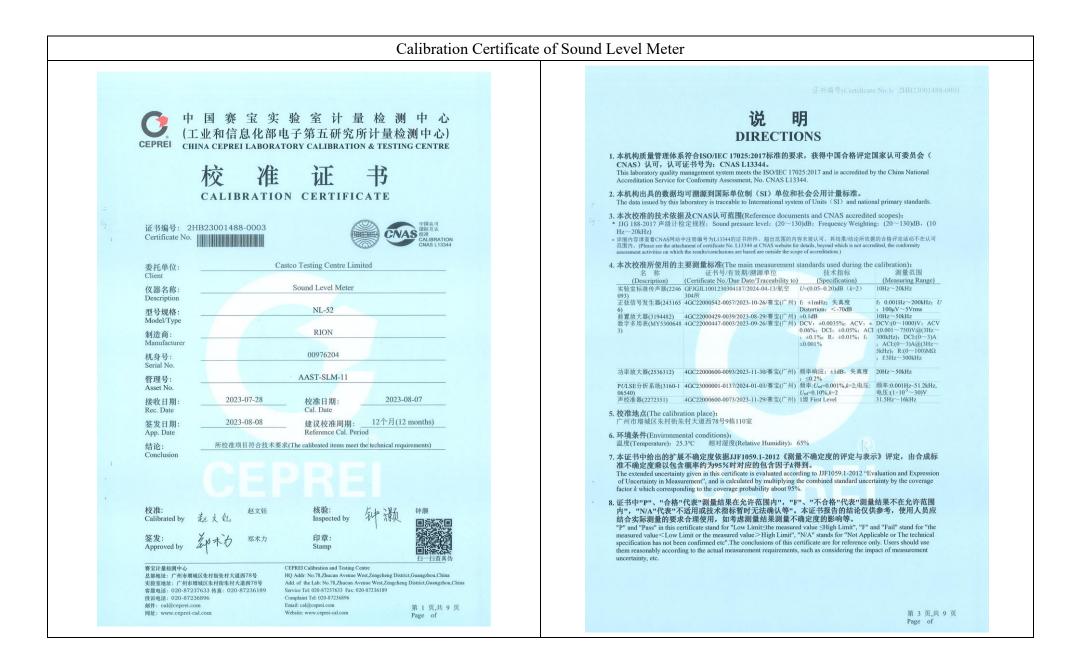
Spec	ifications	1920.						
				Data r	recall o memor		Allows viewing of stored data	an be saved in internal memory, for later reca
Applicabl	le standards	NL-52	NL-42	Setup	memor	y	Start up via file settings previou	
Approabl	ie standards	ANSI S1.4-1983 Type 1	ANSI S1.4-1983 Type 2		form recor e format		Uncompressed waveform WAV	E filo
		ANSI S1.4A-1985 Type 1 ANSI S1.43-1997 Type 1	ANSI S1.4A-1985 Type 2 ANSI S1.43-1997 Type 2	Sar	mpling fre	quency	Select 48 kHz, 24 kHz or 12 kH	
		JIS C 1509-1: 2005 Class 1	JIS C 1509-1: 2005 Class 2		ata lengti DC ou		Select 24 bit or 16 bit Output DC signals using a frequence	y weighting characteristic selected by processing
		WEEE Directives, Chinese RoH	( 8. C, Low Voltage Directive 2006/95/EC), S (export model for China only)			put voltage	2.5 V, 25 mV / dB at bar graph (	display full scale
Measure	ment functions	Simultaneous measurement of t weighting and frequency weighti	he following items, with selected time		AC ou	tput	processing or by A, C, Z-weight	ency weighting characteristic selected by ing.
Proces	ssing (main ch)	Instantaneous sound pressure le			Compa	put voltage	1 V (rms values) at bar graph d	isplay full scale or output exceeds the set value
		Equivalent continuous sound pre Sound exposure level: Le	essure level: Leg		output		(max. applied voltage 24 V, max.	current 60 mA, allowable dissipation 300 mW)
		Maximum sound pressure level:		USB			Allows USB to be connected to a Allows USB to be controlled via a	computer and recognized as a removable dis communication commands
		Minimum sound pressure level: Percentile sound levels: LN (0.1 to	Lmin 99.9 %, 0.1-increment steps, max. 5 values)	RS-23	32C con	nmunication	Allows for RS-232C communication	ation via use of a dedicated cable
	ssing (sub ch)	Instantaneous sound pressure le	avel: Lp			us output * 2 stantaneous value	Lp	
Additio	onal processing	In addition to main processing it for simultaneous processing:	ems, one of the following can be selected	dat		rocessed value	Leq, Lmax, Lmin, Lpeak 100 ms	
		C-weighted equivalent continuou		Print o		91 V 81	Printing of measurement results	
		C-weighted peak sound level: Lo Z-weighted peak sound level: Lo	peak		er require attery life			e or rechargeable batteries) or external power supply Ni-MH secondary battery: 25 h
		I-time-weighted equivalent continu Maximum I-time-weighted equivale	ous sound level: Laieq *2 ent continuous sound level: Laimax*2		-		At the maximum * Depends on	the setting
		The power average of the maximum	n level of each 5 second interval: LAtm 5		C adapte temal po	r ower voltage	NC-98C (NC-34 for previous me 5 to 7 V (rated voltage: 6 V)	odels cannot be used)
			I processing synchronizes with the frequency weighting nel has A-weighting, LAtm5 can be selected.	Cu	urrent co	nsumption	Approximately 90 mA (normal of	peration, rated voltage)
		When C-weighting (Z-weighting ) is se	lected, the additional processing $L_{Ceq}$ and $L_{Cpeak}$	Ambie condit	ent <u>Te</u> tions H	emperature lumidity	-10 to +50 °C 10 to 90 % RH (non-condensing	g)
Measurin	ig time	(Lzpeak) are selectable. 10 s, 1, 5, 10, 15, 30 m, 1, 8, 24	h, and manual (maximum 24 h)	Dustp		ter-resistant	IP code: IP54 (except for micro See precautions regarding wate	
Microphone	Type Sensitivity level	UC-59	UC-52 -33 dB	Dimer	nsions, v	weight	Approx. 250 (H) x 76 (W) x 33 m	m(D), approx. 400 g (with batteries)
Measure	ment range	A-weighting: 25 dB to 138 dB	-00 05	Suppl	lied acce	essories		-10 x 1, Windscreen fall prevention rubber x 1, batteries x 4, SD card 512 MB×1 (NX-42EX
		C-weighting: 33 dB to 138 dB Z-weighting: 38 dB to 138 dB					preinstalled model only)	
		C-weighting peak sound level: 5		Opti	ions			
Inherent	A-weighting	Z-weighting peak sound level: 60 17 dB or less	19 dB or less				luct name	Product number
noise	C-weighting	25 dB or less	27 dB or less				n (Inst.on 512 MB SD card) am*2 (Inst.on 2 GB SD card)	NX-42EX NX-42WR
Frequenc	Z-weighting by range	30 dB or less 20 Hz to 20 kHz	32 dB or less 20 Hz to 8 kHz				rsis program*2 (Inst.on 512 MB SD card)	NX-42RT
	cy weighting	A, C, and Z					Inst.on 512 MB SD card) for environmental measurement	NX-42FT AS-60
Time wei Level ran	ige	F (Fast) and S (Slow) Single range (Linearity range: 1	3 dB)	Data r (Includ	manager des the o	ment software ctave and 1/3 (	for environmental measurement octave data management software)	AS-60RT
	ph display range max ng of bar graph display	Max. 110 dB (20 to 130 dB) Set the upper/ lower limit in 10 d	B increments	Data r (Inclu	manager udes the	nent software vibration leve	for environmental measurement el data management software)	AS-60∨M
RMS det	ection circuit	Digital processing method		Wave	əform an	alysis softwa		CAT-WAVE
Sampling	) cycle	20.8 µs (Lp, Leg, LE, Lmax, Lmin, I 100 ms (LN)	.peak : sampling frequency: 48 kHz)		ard 512 ard 2 G			SD-512M SD-2G
Calibratio	on		on performed according to IEC and JIS standards,		dapter (* ery pack	100 ∨ to 240	∨)	NC-98C BP-21
Correctio	n functions	Windscreen correction:	oustic calibration performed with the NC-74.	Micro	ophone e	extension cab	les	EC-04 (from 2 m)
		Compliant with IEC 61672-1 and JIS C Diffuse sound field correction:	1509-1 standards when the windscreen is installed.		-Pin outp parator c	out code output cable		CC-24 CC-42C
		Correction of frequency charac	teristics in order to comply with standards	Printe	er			DPU-414
Delay tim	10	(ANSI S1.4) in diffuse sound fiel The meter can be set to start mea	d. suring a specified time (OFF, 1, 3, 5 or 10 s)		er cable 32C seri	ial 1/O cable		CC-42P CC-42R
		after the start button has been pr	essed or when a user-set trigger is exceeded.	USB	cable			-
back era	se function		t to pause measurement, the preceding ata are excluded from processing.	All-we		rindscreen		NC-74 WS-15
Display		Backlit semitransparent color TF	T LCD display WQVGA (400 x 240 dots)			nounting ada on windscree		WS-15006 WS-16
			y:1 s⊞⊞Bar graph update frequency: 100 ms	Soun	Id level n	neter tripod		ST-80
Store M	anual Number of data	Data for measurement results are Internal memory: max. 1000 set	stored manually in single address increments.	*1 Use	e Rion full	rindscreen trij ly guaranteed p	roducts. *2 NX-42EX required (sold	ST-81 separately). *3 NX-42WR required (sold separate
88		SD Card: depends on the capac	ity of the SD Card *1	*4 Pro	otection a	against harmf regarding wa	ful dust and water splashing from	any direction.
EEEA	uto*2	Instantaneous values (Lp mode) stored continuously and automa	and processed values (Leg mode) are tically at preset intervals.	Before	e use, ver	rify that the rul	bber bottom cover and the battery	
I E	Lp sampling cycle	100 ms, 200 ms, 1 s, Leg 1s		io mai	initain the	water and du	ist proof rating, internal packing rej	placement is required every two years (at cost
I E	Leg sampling cycle Measurement Time							ISO 14001
								TI'N/
Window	vs is a trademo	rk of Microsoft Corporation.						ISO 14001 RION CO., LTD.
		to change without notice.						ISO 14001 RION CO., LTD. 180 9001
Distribu	uted by:							
				1				0., LTD.
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							notomachi, Kokubu 7888 Fax: +81-42-	nji, Tokyo 185-8533, Japar 359-7442
				101.	515	.2 000-		
			e toxic chemicals on our policy.					



Calibration Certific	cate of Sound I	Level Meter				
建议校准周期是本实验室依据本证书报告的技术依据和仪器设备常规使用条件给出的建议,供委 托方参考。委托方可以根据实际使用情况自行决定样品的校准周期。 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 of of the instrument according to the		CEPREI		证书编号(Certifi	cate No.): 2HB2300148	38-0004
ictual use.			(Appearance and Function C 吉果准确度的因素和缺陷。 nd defect that affect the mea		of the certificate.	
		2 指示声级调整 (Indication	n SPL Calibration)		频率(Frequency)=10	000Hz
		传声器型号	传声器编号	放大器型	1号 放大器编号	
		(Microphone Type)	(Microphone SN.)		r Type) (Preamplifier S	
		/	/	(* 10000)	/	
	1.3	声校准器型号	标准声压级	校准前示值	校准后示值	U
		(Calibrator Type)	(Reference SPL)	(Before Calibration)	(After Calibration)	( <i>k</i> =2)
			(dB)	(dB)	(dB)	(dB)
		4226	94.0	94.0	94.0	0.2
		3 级线性 (Level Linearity)				
		3.1 参考级量程 (Reference	ce Range)	頻率(Fr	equency): 8000Hz	
		标准声级	指示声级	误差	允许误差 结论	U
		(Standard)	(Indication)	(Error)	(Limit) (Pass/Fail)	
		(dB)	(dB)	(dB)	(dB) (P/F)	(dB)
		130.0	129.8	-0.2	±0.8 P	0.3
		129.0	128.8	-0.2	±0.8 P	0.3
		128.0	127.8	-0.2	±0.8 P	0.3
		127.0	126.8	-0.2	±0.8 P	0.3
		126.0	125.9	-0.1	±0.8 P	0.3
		125.0	124.9	-0.1	±0.8 P	0.3
		120.0	119.9	-0.1	±0.8 P	0.3
		110.0	110.0	0.0	±0.8 P	0.3
		100.0	100.0	0.0	±0.8 P	0.3 0.3
		90.0	90.0	0.0	$^{\pm 0.8}_{\pm 0.8}$ $\mathbb{R}$ $^{\mathrm{P}}_{\mathrm{P}}$	0.3
		80.0	79.9	-0.1	±0.8 P	0.3
		70.0	69.9 60.0	-0.1	±0.8 P	0.3
		60.0 50.0	49.9	-0.1	±0.8 P	0.3
		40.0	39.9	-0.1	±0.8 P	0.3
		40.0 35.0	39.9	-0.1	±0.8 P	0.3
		34.0	33.8	-0.2	±0.8 P	0.3
机构书面授权,不得部分复制。(The certificate shall not be partly reproduced without written		33.0	32.9	-0.2	±0.8 P	0.3
boratory.)		32.0	31.8	-0.2	±0.8 P	0.3
与被校物有关。(The results are only related to the items calibrated.)		31.0	30.8	-0.2	±0.8 P	0.3
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 方对上面内容如有异议,须在收到证书后二十个工作日内提出。 Client and Contact Information are provided by client, and the Manufacurer, Model/Type, Serial		30.0	29.8	-0.2	±0.8 P	0.3
pment No. are marked on the items.Client shall submit any objection within 20 working days after certificate for the information above. អ៊ី			数据页(Data s	heet) ID: 071288	第 5 〕 Page	页,共 9页 of
					1 ugo	1940

CEPREI		证书编	号(Certificate No.):	2HB2300148	8-0004		EPREI			证书编号		2HB23001488	8-0004
3.2 其它级量程 (Other Range)			频率(Frequency): 1	000Hz		4	A计权特性(A-V	Weighting Char	acteristic)				
标准声级	指示声级	误差	允许误差	结论	U		频率	实测值	理论值	误差	允许误差	结论	U
(Standard)	(Indication)	(Error)	(Limit)	(Pass/Fail)	( <i>k</i> =2)		(Frequency)	(Actual)	(Theoretical value)	(Error)	(Limit)	(Pass/Fail)	( <i>k</i> =2)
(dB)	(dB)	(dB)	(dB)	(P/F)	(dB)		(Hz)	(dB)	(dB)	(dB)	(dB)	(P/F)	(dB)
130.0	129.9	-0.1	±0.8	Р	0.3		20	-50.8	-50.5	-0.3	±2.0	Р	0.5
129.0	128.9	-0.1	±0.8	Р	0.3		25	-45.0	-44.7	-0.3	+2.0 ~ -1.5	Р	0.5
128.0	127.9	-0.1	±0.8	Р	0.3		31.5	-39.6	-39.4	-0.2	±1.5	Р	0.5
127.0	126.9	-0.1	±0.8	Р	0.3		40	-34.6	-34.6	0.0	±1.0	Р	0.5
126.0	125.9	-0.1	±0.8	Р	0.3		50	-30.2	-30.2	0.0	±1.0	P	0.5
125.0	124.9	-0.1	±0.8	P	0.3		63	-26.1	-26.2	0.1	±1.0	P P	0.5 0.5
120.0 110.0	120.0 110.0	0.0 0.0	±0.8 ±0.8	Р	0.3		80	-22.3	-22.5	0.2 0.0	$^{\pm 1.0}_{\pm 1.0}$	P	0.5
100.0	110.0	0.0	±0.8 ±0.8	P P	0.3 0.3		100 125	-19.1 -16.1	-19.1 -16.1	0.0	±1.0 ±1.0	P	0.5
90.0	90.0	0.0	±0.8	P	0.3		125	-13.2	-13.4	0.0	±1.0	P	0.5
80.0	80.0	0.0	±0.8	P	0.3		200	-10.7	-10.9	0.2	±1.0	Р	0.5
70.0	70.0	0.0	±0.8	Р	0.3		250	-8.7	-8.6	-0.1	±1.0	Р	0.5
60.0	60.0	0.0	±0.8	Р	0.3		315	-6.8	-6.6	-0.2	±1.0	Р	0.4
50.0	50.0	0.0	±0.8	Р	0.3		400	-4.7	-4.8	0.1	±1.0	Р	0.4
40.0	40.0	0.0	±0.8	Р	0.3		500	-3.1	-3.2	0.1	±1.0	Р	0.4
35.0	34.9	-0.1	±0.8	Р	0.3		630	-1.8	-1.9	0.1	±1.0	Р	0.4
34.0	33.9	-0.1	±0.8	Р	0.3		800	-0.7	-0.8	0.1	±1.0	Р	0.4
33.0	32.9	-0.1	±0.8	Р	0.3		1000(Ref.)	0.0	0.0	0.0	±0.7	Р	0.4
32.0	31.9	-0.1	±0.8	Р	0.3		1250	0.6	0.6	0.0	±1.0	Р	0.6
31.0	30.9	-0.1	±0.8	P	0.3		1600	1.0	1.0	0.0	±1.0	Р	0.6
30.0	29.9	-0.1	±0.8	Р	0.3		2000	1.1	1.2	-0.1	±1.0	Р	0.6
							2500	1.1	1.3	-0.2	±1.0	P P	0.6 0.6
							3150	1.0 0.7	1.2 1.0	-0.2	±1.0 ±1.0	P	0.6
			-				4000 5000	0.7	0.5	-0.1	±1.5	P	0.6
			R				6300	-0.2	-0.1	-0.1	+1.5 ~ -2.0	Р	0.6
							8000	-1.0	-1.1	0.1	+1.5 ~ -2.5	Р	0.6
							10000	-2.3	-2.5	0.2	+2.0 ~ -3.0	Р	0.6
						я.	12500	-4.2	-4.3	0.1	+2.0 ~ -5.0	Р	1.0
							16000	-8.5	-6.6	-1.9	+2.5 ~ -16.0		1.0
							20000	-18.4	-9.3	-9.1	+3.0 ~ -∞	Р	1.0

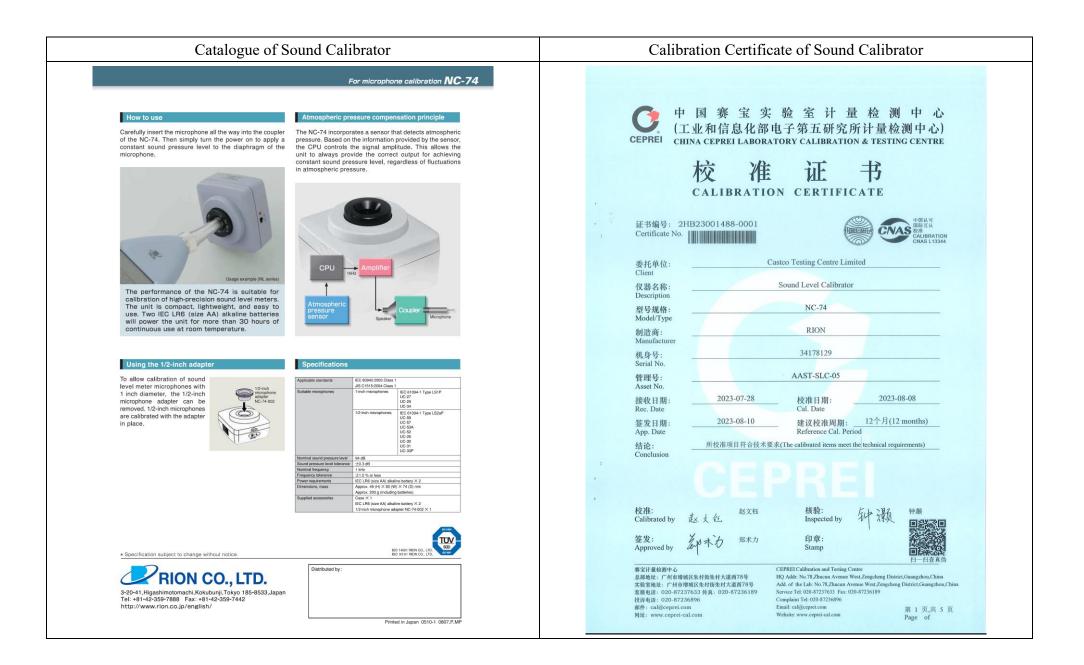


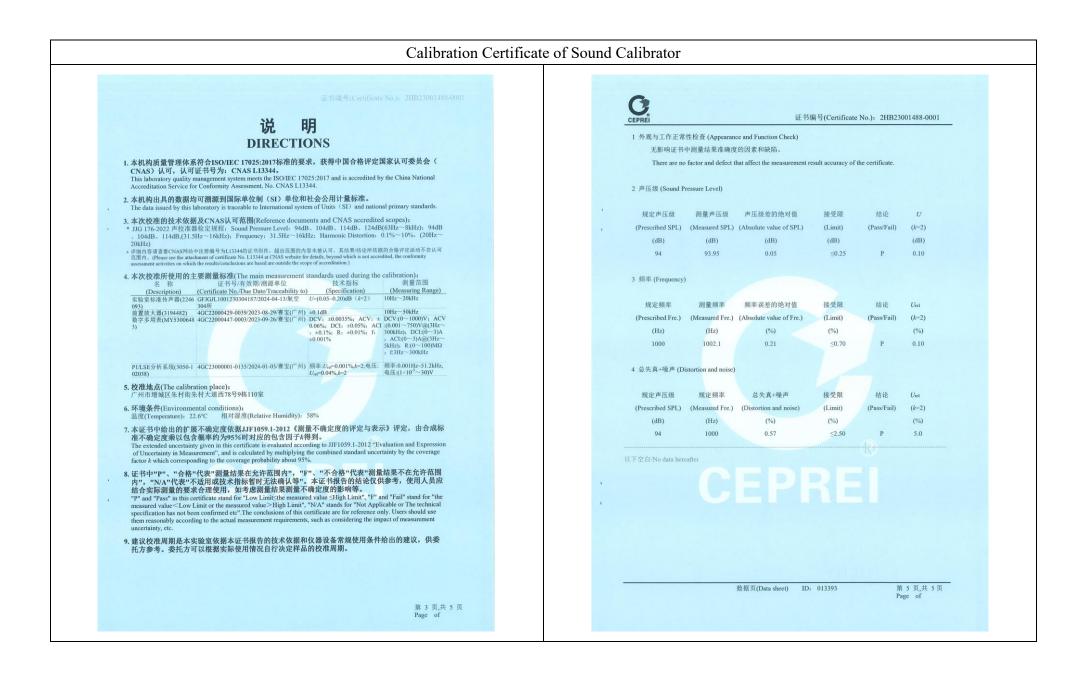


CEPREI		证书编号(Certific	cate No.): 2HB2300148	8-0003	CEPREI		证书编号	(Certificate No.):	2HB23001488	-0003
					3.2 其它级量程 (Other Ran	ige)		频率(Frequency): 1	000Hz	
1 外观与工作正常性检查(/					标准声级	指示声级	误差	允许误差	结论	U
	果准确度的因素和缺陷。		C de a contificante		(Standard)	(Indication)	(Error)	(Limit)	(Pass/Fail)	( <i>k</i> =2)
There are no factor and	d defect that affect the mea	surement result accuracy of	of the certificate.		(dB)	(dB)	(dB)	(dB)	(P/F)	(dB)
2 指示声级调整 (Indication	Collibustion)		頻率(Frequency)=10	00Hz	130.0	129.9	-0.1	±0.8	Р	0.3
在声器型号 (Indication	传声器编号	放大器型			129.0	128.9	-0.1	±0.8	Р	0.3
低icrophone Type)	(Microphone SN.)		Type) (Preamplifier S		128.0	127.9	-0.1	±0.8	Р	0.3
(Microphone Type)	/	(i reamprine)	(reampiner 5 /		127.0	126.9	-0.1	±0.8	Р	0.3
					126.0	125.9	-0.1	±0.8	Р	0.3
声校准器型号	标准声压级	校准前示值	校准后示值	U	125.0	124.9	-0.1	±0.8	Р	0.3
(Calibrator Type)	(Reference SPL)	(Before Calibration)	(After Calibration)	( <i>k</i> =2)	120.0	120.0	0.0	±0.8	Р	0.3
	(dB)	(dB)	(dB)	(dB)	110.0	110.0	0.0	±0.8	Р	0.3
4226	94.0	93.8	93.8	0.2	100.0	100.0	0.0	±0.8	Р	0.3
					90.0 80.0	90.0 80.0	0.0	±0.8 ±0.8	P P	0.3
3 级线性 (Level Linearity)					70.0	70.0	0.0	±0.8	P P	0.3 0.3
3.1 参考级量程 (Reference			equency): 8000Hz		60.0	60.0	0.0	±0.8	P	0.3
标准声级	指示声级		1.许误差 结论	U	50.0	50.0	0.0	±0.8	P	0.3
(Standard)	(Indication)		(Limit) (Pass/Fail)		40.0	40.0	0.0	±0.8	Р	0.3
(dB)	(dB)		(dB) (P/F)	(dB)	35.0	34.9	-0.1	±0.8	P	0.3
130.0	129.8		±0.8 P	0.3 0.3	34.0	33.9	-0.1	±0.8	Р	0.3
129.0	128.8 127.8		±0.8 P ±0.8 P	0.3	33.0	32.9	-0.1	±0.8	Р	0.3
128.0 127.0	127.8		±0.8 P	0.3	32.0	31.9	-0.1	±0.8	Р	0.3
127.0	125.9		±0.8 P	0.3	31.0	30.9	-0.1	±0.8	Р	0.3
125.0	124.9		±0.8 P	0.3	30.0	29,9	-0.1	±0.8	Р	0.3
120.0	119.9		±0.8 P	0.3						
110.0	110.0	0,0	±0.8 P	0.3						
100.0	100.0	0.0	±0.8 P	0.3						
90.0	90.0		±0.8 P	0.3						
80.0	79.9		±0.8 P	0.3						
70.0	69.9		±0.8 P	0.3						
60.0	60.0		±0.8 P	0.3						
50.0	49.9		±0.8 P	0.3						
40.0	39.9		±0.8 P ±0.8 P	0.3 0.3						
35.0	34.8 33.8		±0.8 P ±0.8 P	0.3						
34.0	33.8 32.9		±0.8 P ±0.8 P	0.3						
33.0 32.0	32.9		±0.8 P	0.3						
31.0	30.8		±0.8 P	0.3						
30.0	29.8		±0.8 P	0.3						
55.0										
				页,共 9页	第6页,共9页	97. UT 777. cm	heet) ID: 07			

	4 A计权特性(A-W			ML 14 MM J	(Certificate No.): 2	2111223001480	
		leighting Cha					
	频率	实测值	理论值	误差	允许误差	结论	U
	(Frequency)	(Actual)	(Theoretical value)	(Error)	(Limit)	(Pass/Fail)	( <i>k</i> =2)
	(Hz)	(dB)	(dB)	(dB)	(dB)	(P/F)	(dB)
	20	-50.5	-50.5	0.0	±2.0	Р	0.5
	25	-44.9	-44.7	-0.2	+2.0 ~ -1.5	Р	0.5
	31.5	-39.7	-39.4	-0.3	±1.5	Р	0.5
	40	-34.5	-34.6	0.1	±1.0	Р	0.5
ii.	50	-30.3	-30.2	-0.1	±1.0	Р	0.5
	63	-26.2	-26.2	0.0	±1.0	Р	0.5
	80	-22.3	-22.5	0.2	±1.0	P	0.5
	100	-19.1	-19.1	0.0	±1.0	P	0.5 0.5
	125	-16.1	-16.1	0.0	±1.0	P P	0.5
	160	-13.2	-13.4	0.2	±1.0	P	0.5
	200	-10.8	-10.9	0.1	±1.0 ±1.0	P	0.5
	250	-8.6 -6.6	-8.6 -6.6	0.0	±1.0 ±1.0	P	0.4
	315		-6.6	0.0	±1.0	P	0.4
	400	-4.7 -3.2	-4.8	0.0	±1.0 ±1.0	P	0.4
	500 630	-3.2	-1.9	0.0	±1.0	Р	0.4
	800	-1.9	-0.8	0.0	±1.0	Р	0.4
	1000(Ref.)	-0.8	0.0	0.0	±0.7	Р	0.4
	1250	0.5	0.6	-0.1	±1.0	Р	0.6
	1600	0.9	1.0	-0.1	±1.0	Р	0.6
	2000	1.1	1.2	-0.1	±1.0	Р	0.6
	2500	1.1	1.3	-0.2	±1.0	Р	0.6
	3150	0.9	1.2	-0.3	±1.0	Р	0.6
	4000	0.7	1.0	-0.3	±1.0	Р	0.6
	5000	0.3	0.5	-0.2	±1.5	Р	0.6
	6300	-0.2	-0.1	-0.1	+1.5 ~ -2.0	Р	0.6
	8000	-1.1	-1.1	0.0	+1.5 ~ -2.5	Р	0.6
	10000	-2.3	-2.5	0.2	+2.0 ~ -3.0	Р	0.6
	12500	-4.3	-4.3	0.0	+2.0 ~ -5.0	Р	1.0
	16000	-8.5	-6.6	-1.9	+2.5 ~ -16.0	Р	1.0
1	20000	-18.4	-9.3	-9.1	+3.0 ~	Р	1.0

			让书编号	(Certificate No.):	2HB23001488	3-0003
5 C计权特性(C-V						
频率	实测值	理论值	误差	允许误差	结论	U
(Frequency)	(Actual)	(Theoretical value)	(Error)	(Limit)	(Pass/Fail)	( <i>k</i> =2)
(Hz)	(dB)	(dB)	(dB)	(dB)	(P/F)	(dB)
20	-6.6	-6.2	-0.4	±2.0	Р	0.5
25	-4.7	-4.4	-0.3	+2.0 ~ -1.5	Р	0.5
31.5	-3.0	-3.0	0.0	±1.5	Р	0.5
40	-2.0	-2.0	0.0	±1.0	Р	0.5
50	-1.3	-1.3	0.0	±1.0	Р	0.5
63	-0.8	-0.8	0.0	±1.0	Р	0.5
80	-0.4	-0.5	0.1	±1.0	Р	0.5
100	-0.2	-0.3	0.1	±1.0	Р	0.5
125	-0.1	-0.2	0.1	±1.0	Р	0.5
160	0.0	-0.1	0.1	±1.0	Р	0.5
200	0.0	0.0	0.0	±1.0	Р	0.5
250	0.0	0.0	0.0	±1.0	Р	0.5
315	0.0	0.0	0.0	±1.0	Р	0.4
400 500	0.0	0.0	0.0	±1.0	Р	0.4
	0.0	0.0	0.0	±1.0	Р	0.4
630	0.0	0.0	0.0	±1.0	Р	0.4
800	0.0	0.0	0.0	±1.0	Р	0.4
1000(Ref.) 1250	0.0 -0.1	0.0	0.0	±0.7	P	0.4
1600	-0.1	0.0	-0.1	±1.0	Р	0.6
2000	-0.2	-0.1 -0.2	-0.1	±1.0	Р	0.6
2500	-0.5	-0.2	-0.1 -0.2	±1.0	Р	0.6
3150	-0.8	-0.5	-0.2	±1.0	P P	0.6
4000	-0.8	-0.8	-0.3	±1.0 ±1.0	P P	0.6
5000	-1.5	-1.3	-0.2		P	0.6
6300	-2.1	-2.0	-0.2	±1.5 +1.5 ~ -2.0	P	0.6
8000	-3.0	-3.0	-0.1	$+1.5 \sim -2.0$ $+1.5 \sim -2.5$	P	0.6 0.6
10000	-4.3	-4.4	0.1	$+1.3 \sim -2.3$ $+2.0 \sim -3.0$	P	0.6
12500	-6.2	-6.2	0.0	+2.0 ~ -5.0	P	1.0
16000	-10.4	-8.5	-1.9	+2.5 ~ -16.0	P	1.0
20000	-20.3	-11.2	-9.1	+3.0 ~ -00	P	1.0







G						SPECIFICATION	s				
CEPREI		1jF 43,5	島号(Certificate	No.): 2HB230	01715-0001	THERMAL ANEMO					
-						MODELS TA410, T	A430 AND 1A440				
	性检查 (Appearanc 中测量结果准确度	e and Function Check)									
		at affect the measurement n	mult accumou of	the cortificate						2	
There are no	factor and derect u	at affect the measurement for	sun accuracy of	the certificate.		Velocity Range (TA410)	0 to 20 m/s (0 to 4,000 ft/min)	Time Constant (T) User selectable	A430, TA440	)	
2 声压级 (Sound Pi	essure Level)					Range (TA430, TA440) Accuracy (TA410) <sup>162</sup>	0 to 30 m/s (0 to 6,000 ft/min) ±5% of reading or ±0.025 m/s	External Meter Di	mensions		
						111-0 Seal of an Address of Addre	(±5 ft/min), whichever is greater ±3% of reading or ±0.015 m/s	8.4 cm x 17.8 cm x 4	l.4 cm (3.3 in. x	7.0 in. x 1.8 in.	.)
规定声压级	测量声压级	声压级差的绝对值	接受限	结论	U	Resolution	(±3 ft/min), whichever is greater 0.01 m/s (1 ft/min)	Meter Weight wit 0.27 kg (0.6 lbs.)	h Batteries		
		(Absolute value of SPL)	(Limit)	(Pass/Fail)	(k=2)	Duct Size (TA430, TA44					
(dB)	(dB)	(dB)	(dB)		(dB)	Dimensions	1 to 635 cm in increments of 0.1 cm (1 to 250 inches in increments of 0.1 in.)	Meter Probe Dime Probe Length	101.6	cm (40 in.)	
94	93.86	0.14	≤0.25	Р	0.10			Probe Diameter of T Probe Diameter of E		n (0.28 in.) ım (0.51 in.)	
						Volumetric Flow Rate ( Range	TA430, TA440) Actual range is a function of velocity,	Articulating Prob			
3 頻率 (Frequency)						De	and duct size	Articulating Section Length		m (7.8 in.)	
						Temperature	-18 to 93°C (0 to 200°F)	Diameter of Articulating Knuckle	9.5 mr	n (0.38 in.)	
规定频率	测量频率	频率误差的绝对值	接受限	结论	Urel	Range (TA410, TA430) Range (TA440)	-10 to 60°C (14 to 140°F)				
(Prescribed Fre.)	(Measured Fre.)	(Absolute value of Fre.)	(Limit)	(Pass/Fail)	( <i>k</i> =2)	Accuracy <sup>a</sup> Resolution	±0.3°C (±0.5°F) 0.1°C (0.1°F)	Power Requireme Four AA-size batter	e <b>nts</b> ies or AC adap	ter	
(Hz)	(Hz)	(%)	(%)		(%)	Relative Humidity (TA				TAARO	TAAA
1000	1003.7	0.37	≤0.70	Р	0.10	Range	5 to 95% RH	Velocity range 0 to 20.00 m/s	TA410	TA430, TA430-A	TA44 TA440
						Accuracy <sup>4</sup> Resolution	±3% RH 0.1% RH	(0 to 4000 ft/min)	+		
4 总失真+噪声 (Di	stortion and noise)					Wet Bulb Temperature		Velocity range 0 to 30.00 m/s (0 to 6000 ft/min)		+	+
						Range Resolution	5 to 60°C (40 to 140°F) 0.1°C (0.1°F)	Temperature	+	+	+
规定声压级	规定频率	总失真+噪声	接受限	结论	Urel	Dew Point (TA440 only		Flow		+	+
(Prescribed SPL)	(Measured Fre.)	(Distortion and noise)	(Limit)	(Pass/Fail)	(k=2)	Range	-15 to 49°C (5 to 120°F)	Humidity, wet bulb, dew point			+
(dB)	(Hz)	(%)	(%)		(%)	Resolution	0.1°C (0.1°F)	Probe	Straight	Straight or -A articulated	Straight o articula
94	1000	0.69	≤2.50	Р	5.0	Instrument Temperatu Operating (Electronics)	s to 45°C (40 to 113°F)	Variable time constant		+	+
						Model TA410, TA430 Operating (Probe)	-18 to 93°C (0 to 200°F)	Manual data logging		+	+
以下空白/No data here						Model TA440 Operating (Probe)	-10 to 60°C (14 to 140°F)	Auto save data logging			+
						Storage	-20 to 60°C (-4 to 140°F)	Statistics		+	+
						Data Storage Capabiliti		Review data		+	+
						Range	12,700+ samples and 100 test IDs	LogDat2 downloading software		+	+
						Logging Interval (TA43 1 second to 1 hour	0, TA440)	Free Certificate of Calibration	+	+	+
						Specifications subject to change with	rout notice.	<sup>1</sup> Temperature compensated	over an air temperat	ure range of 5 to 65°	C (40 to 150°F).
						TSI and the TSI logo are registered tr the Airflow logo and LogDat2 are tra	ademarks, and Airflow.	<sup>2</sup> The accuracy statement be for the Model TA410, and 3 Models TA430 and TA440. <sup>3</sup> Accuracy with instrument	gins at 30 ft/min thr 0 ft/min through 6.0 case at 25°C (77°F), a	ough 4000 ft/min (0 100 ft/min (0.15 m/s 1	(15 m/s through through 30 m/s)
				M. Grink			FLOW UMENTS	for change in instrument te <sup>4</sup> Accuracy with probe at 25° change in probe temperatu	emperature.		
		数据页(Data sheet) ID:	013393		5 页,共 5 页 ge of		rflowinstruments.co.uk for more informat				
						UK Tel: +44 149 4	459200 Germany Tel: +4924152303 8764	0			

CALIBRATION	Room 2103, Tech Tsuen Wan, NT, H	nology Plaza, 29 long Kong 0106 Email: in	實驗室有限 <sup>.</sup> Э-35 Sha Tsui Road, nfo@callab.com.hk e: www.callab.com	lac		CALIBRATION	Tsuen Wan, NT, H	nology Plaza, 2 Hong Kong 0106 Email:	E實驗室有 29-35 Sha Tsui Ro : info@callab.com ite: www.callab.c	限公司 ad, Lhk	V-04, Cal Cert: 13 Jan
Customer Information Customer: Caston Address: 33, O	o Testing Centre Limite In Kui Street, Fanling, N	ed				Customer Information Customer: Casto	ate No.: CC0312212	ed			
Equipment Identifica Equipment Description Air Velocity Monitor					Assigned equipment No. AAST-FLOW-03	Equipment Identifica Equipment Descripti Air Velocity Monitor			lel No. LOW TA440	Serial No. TA4401739003	Assigned equipment No. AAST-FLOW-04
Certificate Informati Date of Receipt: Date of Calibration: Due Date of Calibrati Calibration Procedur	11 January 20 13 January 20 ion: N/A		Calibratic Adjustme Appearar Remark:	ent: N nce: G	3.5°C, 58%RH, 1003hPa I/A iood I/A	Certificate Informat Date of Receipt: Date of calibration: Due Date of Calibrati Calibration Procedur	on 19 December 13 January 20 on: N/A	2022		ation Condition: ment: irance:	23.5°C, 58%RH, 1003hPa N/A Good N/A
Reference Equipmer Equipment Descripti		Model	Serial No	0.	Expiration Date	Reference Equipme		in a contratio			E de la de la dela
Hot Wire Anemomet		9535	T953513		11 August 2024	Equipment Descripti Hot Wire Anemome		Model 9535	Serial T9535	No. 51316004	Expiration Date 11 August 2024
Result of Calibration Air flow rate – Error o						Result of Calibratio Air flow rate – Error o					
Reference reading	Measured reading (L/min)	Error (%)	Uncertainty (%FS)	Technical Requirement	Technical Reference Doc.	Reference reading	Measured reading	Error (%)	Uncertainty	Technical	Technical Reference
(L/min) 0.5	(L/min) 0.51	2.0	3.6	± 5 %	JJG 956-2013	(L/min) 0.5	(L/min) 0.49	-2.0	(%FS) 3.6	Requiremen ± 5 %	t Doc. JJG 956-2013
1.0	0.99	-1.0	3.6	± 5 %	JJG 956-2013	1.0	1.02	2.0	3.6	± 5 %	JJG 956-2013
2.0	2.03	1.5	3.6 3.6	± 5 % ± 5 %	JJG 956-2013 JJG 956-2013	2.0	2.02	1.0	3.6	± 5 %	JJG 956-2013
5.0	5.07	1.4	5.0	1 3 76	CT-AFR-01	5.0	5.05	1.0	3.6	± 5 %	JJG 956-2013 CT-AFR-0
Note1: The estimated expande	d uncertainties have been calcul coverage factor of 2 is assumed	lated in "Evaluation an	d expression of uncertain?	ty in measurement" and giv	ve an internal estimated to have a level	Note1: The estimated expande	uncertainties have been calcul	lated in "Evaluation a	and expression of uncert	ainty in measurement" and	f give an internal estimated to have a lev
Note2: The standard (s) and ins accuracy and good cond Note3: The result reported in t	strument used in the calibration	n are traceable to natio	onal or international recog t on the date of calibration	n and carry no implication i	librated on a schedule to maintain the regarding the long term stability of the is received.	Note2: The standard (s) and in accuracy and good conc Note3: The result reported in t instrument.	ition.	n are traceable to na ition of the instrume	ational or international re	ition and carry no implicati	e calibrated on a schedule to maintain th on regarding the long term stability of th m as received.
instrument. Note4: The result shows in this	Checked	and Approved	By: Com	npany Chop:		Calibrated By:	Checked	and Approve	ed By: Co	ompany Chop:	
	lon	1 Ver 1				474	rwan	in pro-			
Note4: The result shows in this	Comer Warren Y		Cert	tificate Issue Date	e: 13 January 2023 CT-BEG-03	Wing Cheng	Warren Y	reung`	1 Ci	ertificate Issue Da	tte: 13 January 2023 ct-BEG-C

Appendix L – Noise monitoring results and graphical presentation

Data Tamp $(^{0}C)$	XX7 (1	Measured Noise Level at M11, dB(A)								
Date	Temp (°C)	Weather	T	ime	e	Baseline	$L_{Aeq}$	L <sub>A10</sub>	L <sub>A90</sub>	Limit
05/09/2023	31.0	Sunny	10:16	-	10:46	68.3	71.8	75.2	65.6	75
11/09/2023	28.0	Cloudy	13:22	-	13:52	68.3	71.2	74.3	65.8	75
22/09/2023	32.1	Sunny	9:43	-	10:13	68.3	72.9	75.6	66.9	75
28/09/2023	32.5	Sunny	13:15	-	13:45	68.3	69.2	72.6	66.5	75
				Ma	aximum		72.9			
				M	inimum		69.2			
				A	verage		71.5			

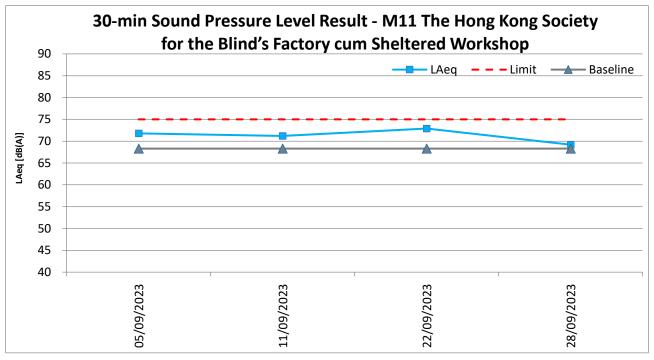
# M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop

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

M12 - Hong Kong Children's Hospital

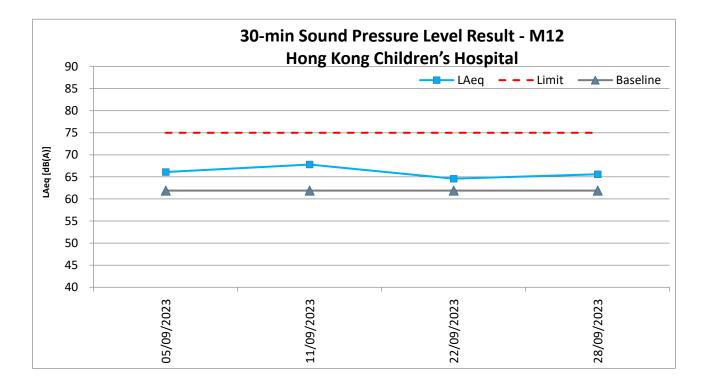
	Data Tamp ( <sup>0</sup> C)	XX7 (1			<b>T</b> · · ·					
Date	Temp (°C)	weather	]	<b>i</b> 1	me	Baseline	LAeq	L <sub>A10</sub>	LA90	Limit
05/09/2023	31.0	Sunny	14:26	-	14:56	61.9	66.1	68.5	61.4	75
11/09/2023	28.0	Cloudy	11:23	-	11:53	61.9	67.8	69.9	60.3	75
22/09/2023	32.1	Sunny	14:06	-	14:36	61.9	64.6	66.2	62.0	75
28/09/2023	32.5	Sunny	10:36	-	11:06	61.9	65.6	67.4	63.4	75
				]	Maximun	1	67.8			
					Minimum	l	64.6			
					Average		66.2			

L<sub>Aeq</sub>, 30-min graphical results of M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop



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

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



# Appendix M – Event and Action Plan for noise

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

Event		Act	tion	
Event	ET	IEC	Supervisor / ER	Contractor
	Contractor's remedial		exceedance until the	taken within 2 working days
	actions and keep IEC,		exceedance is abated.	after the exceedance is
	EPD, and Supervisor /ER		(The above actions should be	identified.)
	informed of the results;		taken within 2 working days after	
	8. If exceedance stops, cease		the exceedance is identified.)	
	additional monitoring.			
	(The above actions should be			
	taken within 2 working days			
	after the exceedance is			
	identified.)			

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

Event		Act	tion	
Event	ET	IEC	Supervisor / ER	Contractor
Design Check	1. Check final design conforms to the requirements of EP and prepare report.	<ol> <li>Check report.</li> <li>Recommend remedial design if necessary.</li> </ol>	<ol> <li>Undertake remedial design if necessary.</li> </ol>	
Non-conformity on one occasion	<ol> <li>Identify Source.</li> <li>Inform IEC and Supervisor /ER.</li> <li>Discuss remedial actions with IEC, Supervisor /ER and Contractor.</li> <li>Monitor remedial actions until rectification has been completed.</li> </ol>	Contractor on possible remedial measures.	<ol> <li>Notify Contractor.</li> <li>Ensure remedial measures are properly implemented.</li> </ol>	<ol> <li>Amend working methods.</li> <li>Rectify damage and undertake any necessary replacement.</li> </ol>
Repeated Non-conformity	<ol> <li>Identify Source.</li> <li>Inform IEC and Supervisor /ER.</li> <li>Increase monitoring frequency.</li> <li>Discuss remedial actions with IEC, Supervisor /ER and Contractor.</li> <li>Monitor remedial actions until rectification has been completed.</li> <li>If non-conformity stops, cease additional monitoring.</li> </ol>	method. 3. Discuss with ET and Contractor on possible remedial measures.	<ol> <li>Notify Contractor.</li> <li>Ensure remedial measures are properly implemented.</li> </ol>	<ol> <li>Amend working methods.</li> <li>Rectify damage and undertake any necessary replacement.</li> </ol>

**Appendix O – Waste Flow Table** 



# Appendix F - Monthly Summary Waste Flow Table

Name of Department: CEDD

#### Contract No.: ED/2018/01

				Monthly	Summary	waste Fic	w lable f	or Sep	tember 2023			
	Ac	tual Quantiti	es of Inert C&	D Materials Ger	erated Mo	onthly		A	Actual Quantities	s of C&D Wast	es Generated Mon	thly
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contrac	Reused in other Project	Dispos as Pub Fill			etals	Paper / cardboard packaging	Plastics (see Note 3	Chemical Waste	Others, e.g. general refuse
	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	in) 000m	(in 1 <sup>3</sup> ) '000n		000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
Jan	1.894		0.351		1.543	3						0.142
Feb	3.330				3.330	0 0.47	4					0.139
Mar	3.384		1.484		1.900	0 0.47	'4		0.312			0.155
Apr	1.590		0.748		0.842	2						0.141
May	3.017		0.758		2.25	9			0.11			0.137
Jun	2.332		0.208		2.124	4 1.10	0					0.134
Sub-total	15.547		3.549		11.99	8 2.04	.8		0.422			0.848
July	4.085		0.300		3.78	5 0.15	0		0.035			0.153
Aug	1.597				1.59	7						0.147
Sep	1.276				1.276	6						0.122
Oct												
Nov												
Dec												
Total	22.505		3.849		18.65				0.457			1.270
			Forec	ast of Total Qua	ntities of (	C&D Materia	Is to be Ge	nerated	from the Contra	act*		
Total Quantity Generate		oken the Co			ic Fill	mported Fill	Metals		Paper / cardboard packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. jeneral refuse
(in '000m <sup>3</sup>	<sup>3</sup> ) (in '000ı	m <sup>3</sup> ) (in '0	00m <sup>3</sup> ) (in '	000m <sup>3</sup> ) (in '(	00m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000 k	g)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
207.384	2.103	6   10	.2	140 27	.415	25	200		0.8	0.1		3.891

### Monthly Summary Waste Flow Table for September 2023

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

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

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

(4) The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m<sup>3</sup> (ER Part 8 Clause 8.7.5(d)(ii) refers)

(5) Assume inert C&D materials density and non-inert C&D materials are 1.9 ton/m<sup>3</sup> and 1.5 ton/m<sup>3</sup>

Appendix P – Environmental Mitigation Implementation Schedule (EMIS)

-		Air Quality Measures	
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
\$3.2		8 times daily watering of the work site with active dust emitting	^
		activities.	
S3.2	S4.8	Implementation of dust suppression measures stipulated in Air	^
		Pollution Control (Construction Dust) Regulation. The following	
		mitigation measures, good site practices and a comprehensive dust	
		monitoring and audit programme are recommended to minimize	
		cumulative dust impacts.	
		- Stockpiling site(s) should be lined with impermeable sheeting	^
		and bunded. Stockpiles should be fully covered by	
		impermeable sheeting to reduce dust emission.	
		- Misting for the dusty material should be carried out before	^
		being loaded into the vehicle.	
		- Any vehicle with an open load carrying area should have	^
		properly fitted side and tail boards.	
		- Material having the potential to create dust should not be loaded	^
		from a level higher than the side and tail boards and should be	
		dampened and covered by a clean tarpaulin.	
		- The tarpaulin should be properly secured and should extent at	^
		least 300 mm over the edges of the sides and tailboards. The	
		material should also be dampened if necessary, before	
		transportation.	
		- The vehicles should be restricted to maximum speed of 10 km	^*
		per hour and confined haulage and delivery vehicle to	
		designated roadways insider the site. On- site unpaved roads	
		should be compacted and kept free of lose materials.	
		- Vehicle washing facilities should be provided at every vehicle	^
		exit point.	
		- The area where vehicle washing takes place and the section of	^
		the road between the washing facilities and the exit point should	
		be paved with concrete, bituminous materials or hardcores.	
		<ul> <li>Every main haul road should be scaled with concrete and kept</li> </ul>	^
		clear of dusty materials or sprayed with water so as to	
		maintain the entire road surface wet.	
		<ul> <li>Every stock of more than 20 bags of cement should be covered</li> </ul>	^
		entirely by impervious sheeting placed in an area sheltered on the ten and the three sides	
		the top and the three sides.	^
		- Every vehicle should be washed to remove any dusty materials	^
		from its body and wheels before leaving the construction sites.	

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

Implementatio	n Schedule for V	Water Quality Measures	
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
S3.4		<u>Construction Runoff</u> Exposed soil areas should be minimised to reduce the potential for increased siltation, contamination of runoff, and erosion. Construction runoff related impacts associated with the above ground construction activities can be readily controlled through the use of appropriate mitigation measures which include:	^
S3.4		- use of sediment traps.	^
S3.4		- adequate maintenance of drainage systems to prevent flooding and overflow.	^

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.		Environmental Protection Measures / Mitigation Measures	Status
	S5.8	-	Surface run-off from construction sites should be discharged	^
			into storm drains via adequately designed sand/silt removal	
			facilities such as sand traps, silt traps and sedimentation basins.	
	S5.8	-	Channels or earth bunds or sand bag barriers should be provided	^
			on site to properly direct stormwater to such silt removal	
			facilities. Perimeter channels should be provided on site	
			boundaries where necessary to intercept storm run-off from	
			outside the site so that it will not wash across the site. Catchpits	
			and perimeter channels should be constructed in advance of site	
			formation works and earthworks.	
	S5.8	-	Silt removal facilities, channels and manholes should be	^
			maintained and the deposited silt and grit should be removed	
			regularly, at the onset of and after each rainstorm to prevent	
			local flooding. Any practical options for the diversion and	
			re-alignment of drainage should comply with both engineering	
			and environmental requirements in order to provide adequate	
			hydraulic capacity of all drains. Minimum distance of 100 m	
			should be maintained between the discharge points of	
			construction site run-off and the existing saltwater intakes.	
	S5.8	-	Earthworks final surfaces should be well compacted and the	^
			subsequent permanent work or surface protection should be	
			carried out immediately after the final surfaces are formed to	
			prevent erosion caused by rainstorms. Appropriate drainage like	
			intercepting channels should be provided where necessary.	
	S5.8	-	Measures should be taken to minimize the ingress of rainwater	^
			into trenches. If excavation of trenches in wet seasons is	
			necessary, they should be dug and backfilled in short sections.	
			Rainwater pumped out from trenches or foundation excavations	
			should be discharged into storm drains via silt removal facilities.	
	S5.8	-	Open stockpiles of construction materials (e.g. aggregates,	^
	33.8	-		
			sand and fill material) on sites should be covered with tarpaulin	
	95.0		or similar fabric during rainstorms.	
	S5.8	-	Manholes (including newly constructed ones) should always be	^
			adequately covered and temporarily sealed so as to prevent silt,	
			construction materials or debris from getting into the drainage	
			system, and to prevent storm run-off from getting into foul	
			sewers. Discharge of surface run-off into foul sewers must	
			always be prevented in order not to unduly overload the foul	

Implementatio	mplementation Schedule for Water Quality Measures			
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status	
		sewerage system.		
	S5.8	- Good site practices should be adopted to remove rubbish and	^	
		litter from construction sites so as to prevent the rubbish and		
		litter from spreading from the site area. It is recommended to		
		clean the construction sites on a regular basis.		
S3.4		Construction site should be provided with adequately designed	^	
		perimeter channel and pre-treatment facilities and proper		
		maintenance. The boundaries of critical areas of earthworks should		
		be marked and surrounded by dykes or embankments for flood		
		protection. Temporary ditches should be provided to facilitate runoff		
		discharge into the appropriate watercourses, via a silt retention pond.		
		Permanent drainage channels should incorporate sediment basins or		
		traps and baffles to enhance deposition rates. The design of efficient		
		silt removal facilities should be based on the guidelines in Appendix		
		A1 of ProPECC PN 1/94.		
\$3.4	S5.8	Ideally, construction works should be programmed to minimise	^	
		surface excavation works during the rainy season (April to		
		September). All exposed earth areas should be completed as soon as		
		possible after earthworks have been completed, or alternatively,		
		within 14 days of the cessation of earthworks where practicable.		
		If excavation of soil cannot be avoided during the rainy season, or at		
		any time of year when rainstorms are likely, exposed slope surfaces		
		should be covered by tarpaulin or other means.		
		If excavation in soil cannot be avoided in these months or at any		
		time of year when rainstorms are likely, for the purpose of		
		preventing soil erosion, temporary exposed slope surfaces should be		
		covered e.g. by tarpaulin, and temporary access roads should be		
		protected by crushed stone or gravel, as excavation proceeds.		
		Intercepting channels should be provided (e.g. along the crest / edge		
		of excavation) to prevent storm runoff from washing across exposed		
		soil surfaces. Arrangements should always be in place in such a way		
		that adequate surface protection measures can be safely carried out		
		well before the arrival of a rainstorm.		
S3.4		Sediment tanks of sufficient capacity, constructed from pre-formed	^	
		individual cells of approximately 6 to 8 $m^3$ capacity, are		
		recommended as a general mitigation measure which can be used		
		for settling surface runoff prior to disposal. The system capacity is		
		flexible and able to handle multiple inputs from a variety of sources		

Implementatio	on Schedule for <b>`</b>	Water Quality Measures	
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
		and particularly suited to applications where the influent is pumped.	
S3.4		Open stockpiles of construction materials (for examples, aggregates,	^
		sand and fill material) of more than 50 m <sup>3</sup> should be covered with	
		tarpaulin or similar fabric during rainstorms. Measures should be	
		taken to prevent the washing away of construction materials, soil,	
		silt or debris into any drainage system.	
S3.4		Manholes (including newly constructed ones) should always be	^
		adequately covered and temporarily sealed so as to prevent silt,	
		construction materials or debris being washed into the drainage	
		system and storm runoff being directed into foul sewers.	
S3.4		Precautions to be taken at any time of year when rainstorms are	^
		likely, actions to be taken when a rainstorm is imminent or forecast,	
		and actions to be taken during or after rainstorms are summarised in	
		Appendix A2 of ProPECC PN 1/94. Particular attention should be	
		paid to the control of silty surface runoff during storm events.	
S3.4		Oil interceptors should be provided in the drainage system and	NA
		regularly cleaned to prevent the release of oils and grease into the	
		storm water drainage system after accidental spillages. The	
		interceptor should have a bypass to prevent flushing during periods	
		of heavy rain.	
S3.4	S5.8	Wheel Washing Water	^
		All vehicles and plant should be cleaned before leaving a	
		construction site to ensure no earth, mud, debris and the like is	
		deposited by them on roads. An adequately designed and located	
		wheel washing bay should be provided at every site exit, and	
		wash-water should have sand and silt settled out and removed at	
		least on a weekly basis to ensure the continued efficiency of the	
		process. The section of access road leading to, and exiting from, the	
		wheel-wash bay to the public road should be paved with sufficient	
		backfall toward the wheel-wash bay to prevent vehicle tracking of	
		soil and silty water to public roads and drains.	
S3.4		Drainage	^
		It is recommended that on-site drainage system should be installed	
		prior to the commencement of other construction activities.	
		Sediment traps should be installed in order to minimise the sediment	
		loading of the effluent prior to discharge into foul sewers. There	
		should be no direct discharge of effluent from the site into the sea.	
S3.4		All temporary and permanent drainage pipes and culverts provided	^

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
		to facilitate runoff discharge should be adequately designed for the	
		controlled release of storm flows. All sediment control measures	
		should be regularly inspected and maintained to ensure proper and	
		efficient operation at all times and particularly following rain	
		storms. The temporarily diverted drainage should be reinstated to its	
		original condition when the construction work has finished or the	
		temporary diversion is no longer required.	
S3.4		All fuel tanks and storage areas should be provided with locks and	^
		be located on sealed areas, within bunds of a capacity equal to 110%	
		of the storage capacity of the largest tank, to prevent spilled fuel oils	
		from reaching the coastal waters of the Victoria Harbour WCZ.	
S3.4	S5.8	Sewage Effluent	^
		Construction work force sewage discharges on site are expected to	
		be connected to the existing trunk sewer or sewage treatment	
		facilities. The construction sewage may need to be handled by	
		portable chemical toilets prior to the commission of the on-site	
		sewer system. Appropriate numbers of portable toilets should be	
		provided by a licensed contractor to serve the large number of	
		construction workers over the construction site. The Contractor	
		should also be responsible for waste disposal and maintenance	
		practices.	
		Notices should be posted at conspicuous locations to remind the	
		workers not to discharge any sewage or wastewater into the	
		surrounding environment. Regular environmental audit of the	
		construction site will provide an effective control of any	
		malpractices and can encourage continual improvement of	
		environmental performance on site. It is anticipated that sewage	
		generation during the construction phase of the project would not	
		cause water pollution problem after undertaking all required	
		measures.	
\$3.4		Stormwater Discharges	^
		Minimum distances of 100 m should be maintained between the	
		existing or planned stormwater discharges and the existing or	
		planned seawater intakes	
S3.4		Debris and Litter	^
		In order to maintain water quality in acceptable conditions with	
		regard to aesthetic quality, contractors should be required, under	
		conditions of contract, to ensure that site management is optimised	

EIA for KTDEIA for KTDevelopment– Roads D3Ref.& D4A Re		Environmental Protection Measures / Mitigation Measures	Status	
		and that disposal of any solid materials, litter or wastes to marine		
		waters does not occur.		
	S5.8	Boring and Drilling Water	^	
		Water used in ground boring and drilling for site investigation or		
		rock / soil anchoring should as far as practicable be re-circulated		
		after sedimentation. When there is a need for final disposal, the		
		wastewater should be discharged into storm drains via silt removal		
		facilities.		
	S5.8	Acid Cleaning, Etching and Pickling Wastewater	NA	
		Acidic wastewater generated from acid cleaning, etching, pickling		
		and similar activities should be neutralized to within the pH range		
		of 6 to 10 before discharging into		
		foul sewers.		
	S5.8	Effluent Discharge	^	
		There is a need to apply to EPD for a discharge licence for discharge		
		of effluent from the construction site under the WPCO. The		
		discharge quality must meet the requirements specified in the		
		discharge licence. All the runoff and wastewater generated from the		
		works areas should be treated so that it satisfies all the standards		
		listed in the TM-DSS. Minimum distance of 100 m should be		
		maintained between the discharge points of construction site effluent		
		and the existing seawater intakes and the planned WSR mentioned in		
		S5.3.1 as appropriate. The beneficial uses of the treated effluent for		
		other on-site activities such as dust suppression, wheel washing and		
		general cleaning etc., can minimise water consumption and reduce		
		the effluent discharge volume. If monitoring of the treated		
		effluent quality from the works areas is required during the		
		construction phase of the Project, the monitoring should be carried		
		out in accordance with the relevant WPCO licence which is under the ambit of regional office (BO) of EPD		
	05.0	the ambit of regional office (RO) of EPD.	^	
	S5.8	Accidental Spillage		
		Contractor must register as a chemical waste producer if chemical		
		wastes would be produced from the construction activities. The		
		Waste Disposal Ordinance (Cap 354) and its subsidiary regulations		
		in particular the Waste Disposal (Chemical Waste) (General)		
		Regulation, should be observed and complied with for control of		
		chemical wastes.		
		Any service shop and maintenance facilities should be located on		

-		Water Quality Measures	
EIA for KTD Development Ref.	Development – Roads D3A		
		hard standings within a bunded area, and sumps and oil interceptors	
		should be provided. Maintenance of vehicles and equipment	
		involving activities with potential for leakage and spillage should	
		only be undertaken within the areas appropriately equipped to	
		control these discharges.	
	S5.8	Disposal of chemical wastes should be carried out in compliance	
		with the Waste Disposal Ordinance. The Code of Practice on the	
		Packaging, Labelling and Storage of Chemical Wastes published	
		under the Waste Disposal Ordinance details the requirements to deal	
		with chemical wastes. General requirements are given as follows:	
		- Suitable containers should be used to hold the chemical wastes	
		to avoid leakage or spillage during storage, handling and	
		transport.	
	S5.8	- Chemical waste containers should be suitably labelled, to notify	^
		and warn the personnel who are handling the wastes, to avoid	
		accidents.	
	S5.8	- Storage area should be selected at a safe location on site and	^
		adequate space should be allocated to the storage area.	

Implementatio	Implementation Schedule for Waste Management Measures				
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures Sta			
S3.5		Good Site Practices It is not anticipated that adverse waste management related impacts would arise, provided that good site practices are adhered to. Recommendations for good site practices during construction activities include:			
\$3.5		<ul> <li>Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.</li> </ul>	^		
	S6.7	<ul> <li>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.</li> </ul>			
\$3.5	S6.7	<ul> <li>Training of site personnel in proper waste management and ^</li> <li>chemical waste handling procedures.</li> </ul>			

Implementatio	Implementation Schedule for Waste Management Measures						
EIA for KTD Development Ref.	Development – Roads D3A		t – Roads D3A		Development – Roads D3A		Status
S3.5	S6.7	- Provision of sufficient waste disposal points and regular	^				
		collection for disposal.					
S3.5	S6.7	- Appropriate measures to minimise windblown litter and dust	^				
		during transportation of waste by either covering trucks or by					
		transporting wastes in enclosed containers.					
S3.5		- A recording system for the amount of wastes generated,	^				
		recycled and disposed of (including the disposal sites).					
	S6.7	- Regular cleaning and maintenance programme for drainage	^				
		systems, sumps and oil interceptors.					
	S6.7	- Training should be provided to workers about the concepts of	^				
		site cleanliness and appropriate waste management procedures,					
		including waste reduction, reuse and recycle.					
S3.5		Waste Reduction Measures					
		Good management and control can prevent the generation of a					
		significant amount of waste. Waste reduction is best achieved at the					
		planning and design stage, as well as by ensuring the					
		implementation of good site practices. Recommendations to achieve					
		waste reduction include:					
S3.5	S6.7	- Sort C&D waste from demolition of the remaining structures to	NA				
		recover recyclable portions such as metals.					
S3.5	S6.7	- Segregation and storage of different types of waste in different	^				
		containers, skips or stockpiles to enhance reuse or recycling of					
		materials and their proper disposal.					
\$3.5	S6.7	- Encourage collection of aluminium cans, PET bottles and paper	^				
		by providing separate labelled bins to enable these wastes to be					
		segregated from other general refuse generated by the work					
		force.					
\$3.5		- Any unused chemicals or those with remaining functional	^				
55.5		capacity should be recycled.					
\$3.5	567		^				
55.5	S6.7	- Proper storage and site practices to minimise the potential for					
02.5		damage or contamination of construction materials.					
\$3.5		Construction and Demolition Materials					
		Mitigation measures and good site practices should be incorporated					
		in the contract document to control potential environmental impact					
		from handling and transportation of C&D material. The mitigation					
		measures include:					
S3.5		- Where it is unavoidable to have transient stockpiles of C&D	^				
		material within the Project work site pending collection for					

EIA for KTDEIA for KTDDevelopment- Roads D3ARef.& D4A Ref.		8	
		disposal, the transient stockpiles shall be located away from	
		waterfront or storm drains as far as possible.	
S3.5		- Open stockpiles of construction materials or construction	^
		wastes on-site should be covered with tarpaulin or similar	
		fabric.	
S3.5		- Skip hoist for material transport should be totally enclosed by	^
		impervious sheeting.	
S3.5		- Every vehicle should be washed to remove any dusty materials	^
		from its body and wheels before leaving a construction site.	
S3.5		- The area where vehicle washing takes place and the section of	^
		the road between the washing facilities and the exit point should	
		be paved with concrete, bituminous materials or hardcores.	
S3.5		- The load of dusty materials carried by vehicle leaving a	^
		construction site should be covered entirely by clean	
		impervious sheeting to ensure dust materials do not leak from	
		the vehicle.	
S3.5		- All dusty materials should be sprayed with water prior to any	^
		loading, unloading or transfer operation so as to maintain the	
		dusty materials wet.	
S3.5		- The height from which excavated materials are dropped should	^
		be controlled to a minimum practical height to limit fugitive	
		dust generation from unloading.	
S3.5		- When delivering inert C&D material to public fill reception	^
		facilities, the material should consist entirely of inert	
		construction waste and of size less than 250mm or other sizes	
		as agreed with the Secretary of the Public Fill Committee. In	
		order to monitor the disposal of the surplus C&D material at	
		the designed public fill reception facility and to control fly	
		tipping, a trip-ticket system as stipulated in the ETWB TCW	
		No. 31/2004 "Trip Ticket System for Disposal of Construction	
		and Demolition Materials" should be included as one of the	
		contractual requirements and implemented by an	
		Environmental Team undertaking the Environmental	
		Monitoring and Audit work. An Independent Environmental	
		Checker should be responsible for auditing the results of the	
		system.	
	S6.7	- Plan and stock construction materials carefully to minimize	^
		amount of waste generated and avoid unnecessary generation	

EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.			8	
		of waste.			
S3.5		Chemical Waste	^		
		After use, chemical wastes (for example, cleaning fluids, solvents,			
		lubrication oil and fuel) should be handled according to the Code of			
		Practice on the Packaging, Labelling and Storage of Chemical			
		Wastes. Spent chemicals should be collected by a licensed collector			
		for disposal at the CWTF or other licensed facility, in accordance			
		with the Waste Disposal (Chemical Waste) (General) Regulation.			
	S6.7	Separation of chemical wastes for special handling and appropriate	^		
		treatment.			
S3.5		General Refuse	^		
		General refuse should be stored in enclosed bins or compaction units			
		separate from C&D material. A licensed waste collector should be			
		employed by the contractor to remove general refuse from the site,			
		separately from C&D material. Effective collection and storage			
		methods (including enclosed and covered area) of site wastes would			
		be required to prevent waste materials from being blown around by			
		wind, wastewater discharge by flushing or leaching into the marine			
		environment, or creating odour nuisance or pest and vermin			
		problem.			

Implementation Schedule for Landscape and Visual Measures			
EIA for KTD Development Ref.	EIA for KTD - Roads D3A & D4A Ref.	Environmental Protection Measures / Mitigation Measures	Status
S3.8.12		All existing trees should be carefully protected during construction.	^
S3.8.12		Trees unavoidably affected by the works should be transplanted NA where practical. Detailed transplanting proposal will be submitted to relevant government departments for approval in accordance with ETWBC 2/2004 and 3/2006. Final locations of transplanted trees should be agreed prior to commencement of the work.	
S3.8.12		Control of night-time lighting.	
S3.8.12		Erection of decorative screen hoarding.	
	S7.9	<ul> <li><u>Construction Site Control</u></li> <li>CM1 - Minimized construction area and contractor's temporary works areas.</li> </ul>	^
		<ul> <li>CM2- Control of night-time lighting and glare by hooding all lights.</li> <li>CM3 - Erection of decorative mesh screens or construction</li> </ul>	^

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

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

Mitigation Measures u	Mitigation Measures undertaken by the Contractor for site inspections			
Date:	07 September 2023	Date:	07 September 2023	
Mitigation Measures:	The open stockpiles of chemicals materials on sites were covered.	Mitigation Measures:	The portable toilets were provided in the construction site.	
Date:	28 September 2023	Date:	28 September 2023	
Mitigation Measures:	Haul road was sprayed	Mitigation Measures:	The vehicles are	
	with water to maintain		restricted to maximum	
	the entire road surface		speed of 8 km per hour	
	wet.		inside the site.	

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

# **Reporting Month: September 2023**

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

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

Contract No.	Record of Complaint	<b>Record of Warning</b>	Notification of Summons and Successful Prosecutions
ED/2018/01	13	0	0

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

	Log for ED/2018/01			
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
			process.	
C0002	A dust complaint was referred from the Contractor on 8 Sep 2021 through E-Mail regarding a complaint received by EPD (EPD ref.: K19/RE/00021205-21) on 7 Sep 2021.	Complaint of dust problem at the pavement of Muk Tai Street near Sports Park.	<ul> <li><u>Investigation</u> As per contractor, part of the complaint area was within the site boundary of the project. <ol> <li>Manual water spraying was provided.</li> <li>The exposed surface and stockpile areas were covered by the impermeable tarpaulin sheet.</li> </ol> </li> <li><u>Action taken</u> The exposed surface and stockpile area was covered by the impermeable tarpaulin sheet. <u>Recommendations</u> There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however the contractor is recommended to implement the following measures to minimize the impact for air quality: <ol> <li>Ensure stockpiling sites should be lined with impermeable sheeting and bunded.</li> <li>Stockpiles should be fully covered by impermeable sheeting at all time except during working process. Ensure the work fulfill the relevant statutory requirements on control of air pollution. Take necessary measures to minimize the environmental nuisance arising from the construction site.</li></ol></li></ul>	<ul> <li>Closed-ou on 4 Oc 2021.</li> <li>No furthe complaint was received.</li> </ul>
C0003	A water discharge complaint was referred from the Contractor on 10 Dec 2021 through E-Mail regarding a complaint received by	Complaint of muddy water being discharged into the sea of To Kwa Wan Typhoon Shelter via a DSD outfall near the roundabout of Shing Fung Road.		<ul> <li>Closed-ou on 5 Jar 2022.</li> <li>No furthe complaint was</li> </ul>

	Log for ED/2018/01			
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
	EPD (ref.: K19/RE/00029046-21) on 9 Dec 2021.		<ol> <li>The sandbag with layers and filter were provided at the manholes.</li> <li><u>Action taken</u> <ul> <li>Sandbags and filter were used to block the manholes.</li> <li>Manholes had been adequately covered and replace the filter frequently.</li> </ul> </li> <li><u>Recommendations</u> <ul> <li>There was no direct evidence showing that the water nuisance was caused by the contractor at the complaint area.</li> <li>Some of muddy water generated from wheel washing might be flow to the outfall inside the site boundary, however the contractor had taken the mitigation measure by using sandbag and filter to ease the nuisance. The contractor is recommended to implement the following measures to minimize the impact for waste water:</li></ul></li></ol>	received.
C0004	A dust complaint was received by EPD on 16 Dec 2022. Contractor received Notification of Environmental Complaints from EPD	Complaint of mud/ silt being brought out by vehicles from the project site casing mud/silt accumulation on Shing Fung Road.	Investigation         Regular site inspection was conducted by ET on 29 Dec 2022.         1. As per the Contractor, mud / slit generated from nearby construction sites might be brought to Shing Fung Road roundabout.         2. No adverse observation against the dust impact was recorded during site inspection.	<ul> <li>Closed-out on 13 Jan 2023.</li> <li>No further complaint was received.</li> </ul>

Complaint	Log for ED/2018/01			
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
	(ref.: K19/RE/00029136-22) by E-Mail on 22 Dec 2021.		<ul> <li><u>Action taken</u></li> <li>1. Watering manually frequently.</li> <li>2. Haul Road surfaces were wetted by water truck.</li> <li>3. Wheel washing for the trucks and vehicles before leaving the project site.</li> <li>Recommendations</li> </ul>	
			<ul> <li>To minimize the impact for air quality, mitigation measures should be enhanced specially in dry seasons are recommended:</li> <li>1. Increase the frequency and duration for automatic water spraying system.</li> <li>2. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis.</li> </ul>	
			<ol> <li>Regular wash and clean the share haul road and roundabout in Shing Fung Road.</li> <li>Wheel washing for the trucks and vehicles before leaving the project site. The muddy water after the wheel washing should be directed to sedimentation tank and wastewater treatment facility before discharging to gully.</li> </ol>	
			<ol> <li>Ensure stockpiling sites should be lined with impermeable sheeting and bunded. Stockpiles should be fully covered by impermeable sheeting at all time except during working process.</li> <li>Dusty materials transported on truck shall be covered.</li> </ol>	
C0005	A noise complaint was received by EPD on 21 Dec 2022. Contractor received Notification of Environmental	Complaint of construction noise arising from the project site near Shing Kai Toad and Muk Tai Street continued to 01:30 am on 21 Dec 2022.	<ul> <li><u>Investigation</u> Regular site inspection was conducted by ET and the Contractor on 29 Dec 2022</li> <li>1. As per the Contractor, the complaint was still under investigation and could not conclude the complaint related to the project site or not.</li> <li>2. Status of CNPs in the works area near Shing Kai Road and</li> </ul>	- During the SSMEC meeting on 10 Jan 2023, the Contractor explained

Complaint	Log for ED/2018/01					
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / A	ctions taken / Recor	nmendations	Close-Out Date / Status
	Complaints from EPD		Muk Tai Street were	e checked and all of	them were valid.	that the
	(EPD ref.: K19/RE/00029422-22)		Construction Noise Permit	Valid Form	Valid Till	noise complaint
	on 22 Dec 2022.		GW-RE1297-22	10 Dec 2022	08 Jun 2023	case has
			GW-RE1299-22	17 Dec 2022	15 Jun 2023	already
	IEC received the notification on 22 Dec 2022 from EPD and forwarded the notification to CEDD, Contractor, ER and ET on same day.		<ul> <li><u>Action taken</u></li> <li>1. Trainings for CNP 2022.</li> <li>2. No construction ac hours for those areas</li> <li><u>Recommendations</u></li> <li>To minimize the impa measures are recommendent.</li> <li>1. Training to new star for CNP and other e</li> <li>2. Regularly check the environmental permission</li> </ul>	tivities were allow s without valid CNP act for constructio ded: ff and regular enhar nvironmental issues the status of AL	ed in the restricted n noise, mitigation nee training for staff	passed to head office and waiting for the Legal opinion. No further informatio n could be provided for Incident Report on Complaint Investigati on at that moment. - Under investigati on in the reporting month.
C0006	A dust complaint was	Complaint of construction dust arising from	Investigation			- Closed-out
	received by EPD on 6 Dec 2022.	construction sites along Shing Fung Road.	Site inspections were co site inspection was cond IEC on 8 Feb 2023.			on 16 Mar 2023.
	Contractor (POC)		1. The concerned area	(roundabout) is th	e common road for	

Complaint Log for ED/2018/01					
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status	
	received Notification of Environmental Complaints from EPD (ref.: K19/RE/00027862-22) by E-Mail on 7 Dec 2022. IEC received the notification on 19 Jan 2023 and forwarded the notification to CEDD, ER and ET on same day.		<ul> <li>public vehicles. In addition, construction vehicles from several nearby construction sites also use the concerned road, especially a lots of dump trucks.</li> <li>2. Construction vehicles from Contractor (POC) project site are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023.</li> <li>3. Worker of sub-contractor from Contractor (POC) wetted the part of the concerned road surface during the site inspection on 8 Feb 2023 to suppress dust emission.</li> <li>4. No construction works was observed on 26 Jan 2023 and no adverse observation against the dust impact were found during the site inspection on both dates.</li> <li><u>Action taken</u></li> <li>1. Haul Road surfaces were wetted manually and washed the dusty water barrier regularly.</li> <li>2. Wheel washing for the trucks and vehicles before leaving the project site directly through Shing Fung Road exit.</li> <li>3. Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023.</li> <li><u>Recommendations</u></li> <li>There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality:</li> <li>1. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted manually in regular basis.</li> <li>2. Regular wash the share haul road and roundabout in Shing Fung Road.</li> <li>3. Wheel washing for the trucks and vehicles before leaving the area haw and roundabout in Shing Fung Road.</li> </ul>		

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

Complaint Log for ED/2018/01					
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status	
			<ul> <li>There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality:</li> <li>1. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis.</li> <li>2. Regular wash the share haul road in Shing Fung Road.</li> <li>3. Wheel washing for the trucks and vehicles before leaving the project site. The muddy water after the wheel washing should be directed to sedimentation tank and wastewater treatment facility before discharging to gully.</li> <li>4. Dusty materials transported on truck shall be covered.</li> </ul>		
C0008	A dust complaint was received by EPD on 13 Feb 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00003909-23) by E-Mail on 17 Feb 2023 and forwarded the E-mail to ER, ET and IEC on same day.	Complaint of silt / mud accumulation on the new road connecting Shing Fung Road and Shing Kai Road caused by vehicles from construction sites nearby.	<ul> <li><u>Investigation</u></li> <li>Joint site inspection was conducted by Contractor (POC), ER, ET and IEC on 23 Feb 2023 and regular site inspection was conducted by Contractor (POC), ER and ET on 2 Mar 2023.</li> <li>1. The concerned area (new road connecting Shing Fung Road &amp; Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust nuisance.</li> <li>2. Construction vehicles from POC are not allowed leaving the site to Shing Fung Road directly with barriers blocked since 21 Jan 2023.</li> <li>3. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023.</li> <li>4. As per Contractor (POC), EPD conducted site visit on 16 Feb 2023.</li> <li>5. No adverse observation against the dust / muddy water impact were found during the site inspection on both dates.</li> </ul>	- Closed-out on 29 Mar 2023.	

Complaint Log for ED/2018/01				
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
			Action taken1. Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023.2. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023.3. Haul Road surfaces were wetted manually and washed the dusty water barrier regularly.4. Wheel washing for the trucks and vehicles before leaving the project site.5. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow:DateRoad Washing by8 Mar 2023Sweeper truck with water spraying truck9 Mar 2023Sweeper truck with water spraying truck2 Mar 2023Sweeper truck with water spraying truck6. During the two site inspections, mitigation measures implemented by the Contractor (POC) were found properly based on existing site condition and resources.	
			RecommendationsThere was no direct evidence showing that the dust nuisancewas caused by the contractor at the complaint area, howeverContractor (POC) is recommended to implement the followingmeasures to minimize the impact for air quality:1. Main haul road and the area that water sprinklers systemwas not covered in the construction site should be wetted bywater trucks or manually in regular basis.	

Complaint Log for ED/2018/01						
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status		
			<ol> <li>Regular wash the share haul road in Shing Fung Road.</li> <li>Dusty materials transported on truck shall be covered.</li> </ol>			
C0009	A dust complaint was received by EPD on 15 Feb 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00004280-23) by E-Mail on 22 Feb 2023 and forwarded the E-mail to ER, ET and IEC on same day.	Complaint of mud / silt being brought out by vehicles from construction site at Shing Fung Road roundabout (near Lamp Post DF4831) causing mud / silt accumulation along Shing Fung Road.	<ul> <li><u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER, ET and IEC on 23 Feb 2023 and regular site inspection was conducted by Contractor (POC), ER and ET on 2 Mar 2023.</li> <li>1. The concerned area (new road connecting Shing Fung Road &amp; Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust nuisance.</li> <li>2. Construction vehicles from POC are not allowed leaving the site to Shing Fung Road directly with barriers blocked since 21 Jan 2023.</li> <li>3. Contractor (POC) has restricted the construction vehicles from nearby construction activities since 4 Feb 2023.</li> <li>4. As per Contractor (POC), EPD conducted site visit on 16 Feb 2023.</li> <li>5. No adverse observation against the dust impact were found during the site inspection on both dates.</li> <li><u>Action taken</u></li> <li>1. Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023.</li> <li>2. Contractor (POC) has restricted the construction vehicles from nearby construction activities since 4 Feb 2023.</li> <li>3. Mal Road surfaces were wetted manually and washed the dusty water barrier regularly.</li> <li>4. Wheel washing for the trucks and vehicles before leaving</li> </ul>	- Closed-ou on 29 Ma 2023.		

Complaint	Complaint Log for ED/2018/01					
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status		
			<ul> <li>the project site.</li> <li>5. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow:</li> <li>Date Road Washing by <ul> <li>8 Mar 2023</li> <li>8 Sweeper truck with water spraying truck</li> <li>9 Mar 2023</li> <li>9 Sweeper truck with water spraying truck</li> <li>14 Mar 2023</li> <li>12 Sweeper truck with water spraying truck</li> <li>22 Mar 2023</li> <li>8 Sweeper truck with water spraying truck</li> </ul> </li> <li>6. During the two site inspections, mitigation measures implemented by the Contractor (POC) were found properly based on existing site condition and resources.</li> </ul>			
			<ul> <li><u>Recommendations</u> There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality: <ol> <li>Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis.</li> <li>Regular wash the share haul road in Shing Fung Road.</li> <li>Dusty materials transported on truck shall be covered.</li> </ol></li></ul>			
C0010	A dust and muddy water complaint was received by Hotline 1823 on 9 Mar 2023. ER received the transfer from the Hotline 1823 on 9 Mar 2023 and forwarded	Complaint of dusty environment at the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road roundabout. Worker wetted the road surface and might cause mud / silt problem.	<ul> <li><u>Investigation</u></li> <li>Joint site inspection was conducted by Contractor (POC), ER, and ET on 16 Mar 2023 and 23 Mar 2023.</li> <li>1. The concerned area (new road connecting Shing Fung Road &amp; Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust nuisance.</li> <li>2. Construction vehicles from POC are not allowed leaving the</li> </ul>	- Closed-out on 6 Apr 2023.		

Complaint Log for ED/2018/01					
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status	
	Date of Complaint the E-mail to Contractor (POC), ET and IEC on same day.	Description of Complaint	Investigation / Actions taken / Recommendationssite to Shing Fung Road directly with barriers blocked since 21 Jan 2023.3. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023.4. The sandbags were provided around the manholes.5. No adverse observation against the dust / muddy water impact were found during the site inspection on both dates.Action taken1. Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023.2. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023.3. Haul Road surfaces were wetted manually and washed the dusty water barrier regularly.4. Wheel washing for the trucks and vehicles before leaving the project site.5. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow:DateRoad Washing by		
			8 Mar 2023 Sweeper truck with water spraying truck		
			9 Mar 2023 Sweeper truck with water spraying truck		
			14 Mar 2023Sweeper truck with water spraying truck22 Mar 2023Sweeper truck with water spraying truck		
			6. The sandbags were provided around the manholes.		
			7. During the two site inspections, mitigation measures		
			implemented by the Contractor (POC) were found properly		
			based on existing site condition and resources.		

Complaint Log for ED/2018/01					
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status	
			<ul> <li><u>Recommendations</u></li> <li>There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air and water quality:</li> <li>1. Dusty materials transported on truck shall be covered.</li> <li>2. Enhance the sandbags with several layers of filters and replace the filter frequently.</li> </ul>		
C0011	A muddy water complaint was received by EPD on 9 Mar 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00004280-23) by E-Mail on 22 Feb 2023 and forwarded the E-mail to ER, ET and IEC on same day.	Complaint of water being sprayed onto vehicles passing by and mud / silt being washed into roadside gully near Shing Fung Road roundabout.	InvestigationJoint site inspection was conducted by Contractor (POC), ERand ET on 23 Mar 2023.1. The concerned area (new road connecting Shing Fung Road & Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust / mud / silt nuisance.2. The sandbags were provided around the manholes.3. No adverse observation against the muddy water impact were found during the site inspection on both dates.Action taken 1. As per Contractor (POC), no manually road surfaces watering on Shing Fung Road after receiving complaint (16 Mar 2023).2. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow:DateRoad Washing by 8 Mar 20238 Mar 2023Sweeper truck with water spraying truck	- Closed-out on 6 Apr 2023.	

Complaint Log for ED/2018/01					
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status	
			14 Mar 2023Sweeper truck with water spraying truck22 Mar 2023Sweeper truck with water spraying truck3. The sandbags were provided around the manholes.RecommendationsThere was no direct evidence showing that the muddy waternuisance was caused by the contractor at the complaint area,however Contractor (POC) is recommended to implement thefollowing measures to minimize the impact for air and waterquality:1. Enhance the sandbags with several layers of filters and replace the filter frequently.		
C0012	A dust complaint was received by EPD on 31 May 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00013488-23) by E-Mail on 6 June 2023 and forwarded the E-mail to ER, ET and IEC on same day.	Complaint of silt / mud accumulation on the new road connecting Shing Fung Road and Shing Kai Road caused by vehicles from construction site nearby.	<ul> <li><u>Investigation</u></li> <li>Joint site inspection was conducted by Contractor (POC), ER and ET on 8 June 2023.</li> <li>1. As per Mr. Tony Tang from POC, the concerned area was the section of Shing Fung Road at the entrance of Gammon site accommodation.</li> <li>2. The new road connecting Shing Fung Road &amp; Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 December 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust / silt nuisance.</li> <li>3. As per Mr. Tony Tang from POC, recycled water was used in wheel washing machine near the entrance of Gammon site. Those are the possible sources of mud nuisance.</li> <li>4. No adverse observation against the dust impact were found during the site inspection.</li> </ul>	- Closed-out on 19 June 2023.	

Complaint Log for ED/2018/01				
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status
			Shing Kai Road) and Shing Fung Road by water truck was conducted twice a week start from 11 May 2023.DateRoad Washing by19 May 2023Sweeper truck with water spraying truck23 May 2023Sweeper truck with water spraying truck25 May 2023Sweeper truck with water spraying truck30 May 2023Sweeper truck with water spraying truck30 May 2023Sweeper truck with water spraying truck4 June 2023Sweeper truck with water spraying truck6 June 2023Sweeper truck with water spraying truck9 June 2023Sweeper truck with water spraying truck13 June 2023Sweeper truck with water spraying truck2. Wheel washing for the vehicles before leaving the construction site.Recommendations There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality:1. Regular wash the share haul road in Shing Fung Road and 	
C0013	A water complaint was received by EPD on 19 June 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.:	<ul> <li>Complaint of muddy water being discharged into Kai Tak Approach Channel on 18 Jun 2023.</li> <li>Complaint of construction work being conducted on the Sunday of 18 Jun 2023.</li> </ul>	<ul> <li><u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER and ET on 6 Jul 2023.</li> <li>1. As per Mr. Tony Tang from POC, the concerned area was the section of Shing Fung Road at the nearby channel.</li> <li>2. Heavy raining was recorded on 18 Jun 2023. The recorded rainfall was 35.8mm (sourced from manned weather station of Hong Kong Observatory at <u>https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2023&amp;</u> <u>m=6</u>). The implication of heavy rainfall storm runoff</li> </ul>	- Closed-out on 2 Aug 2023.

Complaint	Complaint Log for ED/2018/01				
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status	
	K19/RE/00014944-23) by E-Mail on 29 June 2023 and forwarded the E-mail to ER, ET and IEC on 4 July 2023.		<ul> <li>might wash across the exposed soil surfaces which was direct muddy water discharge. This is the possible source of water nuisance.</li> <li>3. As per Mr. Tony Tang from POC, no construction work was conducted on 18 Jun 2023. Based on the attendance record, 6 employees including 4 watchman, labourer and driver, were on site on 18 Jun 2023 and they were not involved in the construction work. In the joint site inspection, no construction work was conducted on the nearby channel.</li> <li>4. No adverse observation against the muddy water impact were found during the site inspection on 14 and 20 June 2023, and 6 July 2023. The sedimentation tank and wastewater treatment plant are operating efficiently during the site inspection.</li> </ul>		
			<ol> <li>Action taken         <ol> <li>The ditch is maintained regularly and excavated deeper by workers.</li> <li>Pumps are placed at the ditch to prevent flooding and overflow.</li> <li>Enhanced training for site workers to prevent flushing during heavy rain by placing pumps in the ditch to prevent flooding and overflow during periods of heavy rain during Tool- Box-Talk training.</li> </ol> </li> </ol>		
			RecommendationsThere was no direct evidence showing that the muddy waternuisance was caused by the contractor at the complaint area,however Contractor (POC) is recommended to implement thefollowing measures to minimize the impact for water quality:1.Regular cleaning and maintenance drainage systems at thenearby Kai Tak Approach Channel.		

Complaint	Complaint Log for ED/2018/01					
Complaint Ref. No.	Date of Complaint	Description of Complaint	Investigation / Actions taken / Recommendations	Close-Out Date / Status		