18-7-2023

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 June 2023 (Version 1.2)

I 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 June 2023 (Version 1.2), 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



Ref.: CEDKTDS4EM00_0_0299L.23

/8 July 2023

By Post and Email

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

Attention: Mr. Clive Cheng

Dear Sir,

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

Monthly EM&A Report for June 2023

Reference is made to the Environmental Team's submission of the Monthly EM&A Report for June 2023 (Version 1.2) certified by the ET Leader and provided to us via email on $\frac{18}{100}$ July 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.

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 🕅 Hui

Independent Environmental Checker

c.c. CEDD Ka Shing 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

Penta-Ocean

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

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

June 2023

(Version 1.2)

| Certified By: | 1 |
|---------------|-----------------------------|
| | (Environmental Team Leader) |

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EXECUTIVE SUMMARY

This is the 42nd Monthly Environmental Monitoring & Audit (EM&A) report which summaries the findings of the EM&A Programme during the reporting period from 1 to 30 June 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 | A stion Talson | |
|--------------------|--------------|----------------|--------------|
| 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) One complaint was received in the reporting month. Summary of complaints in the reporting month is tabulated in Table II.

| Date of complaint received | | | Close-out date / Status |
|----------------------------|--|--|----------------------------|
| | | <u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER and ET on | |

Table II Summary of complaints in the Reporting Month

| Date of complaint received | Description of complaint | Investigation / Recommendations / Action taken | Close-out date / Status |
|---|--|--|----------------------------|
| 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. | connecting Shing Fung Road and Shing Kai Road caused by vehicles from construction site nearby. | 8 June 2023. 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. 2. The new road connecting Shing Fung Road & 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. 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. 4. No adverse observation against the dust impact were found during the site inspection. Action taken As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted twice a week start from 11 May 2023. Date Road Washing by May Sweeper truck with 2023 water spraying truck May Sweeper truck with 2023 water spraying truck June Sweeper truck with 2023 water spraying truck June Sweeper truck with 2023 water spraying truck | |

| Date of complaint received | Description of complaint | Investigation / Recommendations / Action taken | Close-out date / Status |
|----------------------------|--------------------------|---|----------------------------|
| | | 13 June Sweeper truck with 2023 water spraying truck 2. Wheel washing for the vehicles before leaving the construction site. <u>Recommendations</u> There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality: Regular wash the share haul road in Shing Fung Road and Shing Kai Road. Dusty materials transported on truck should be covered. | |

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:
 - Construction of road works (e.g. kerb, central median, etc.)
 - Construction of RC structure for Lift LT-1 and LT-2
 - Construction of central median & profile barrier, installation of timber slats & noise absorptive panel and E&M works for Underpass 03
 - Construction of remaining works for Noise Barrier
 - Construction of profile barrier for NDR
 - Modification works at Shing Kai Road
 - 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 pre-bored H piles for Observation Deck.
 - Laying of stormwater drainage pipes/ sewer pipes/watermains and construction of associated manholes at Road L12d.
 - Installation of Lift LT-4

Future key issues

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

| Future key issues in the coming month | Potential impact | |
|---|---|--|
| 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 | |

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

| Future key issues in the coming month | Potential impact | |
|---|--|--|
| 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 | Noise and Air Quality, Chemical | |
| Box Culvert Construction of Outfall 1&2 | and Waste Management | |
| Rising main laying works | Noise, Air and Water Quality 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 | |

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) | Mr. Clive Cheng | CRE | 3911 4201 | 3911 4288 |
| Ramboll Hong Kong Limited (Ramboll) | Independent Environmental Checker (IEC) | Mr. Y H Hui | IEC | 3465 2850 | 3465 2899 |
| Ka Shing Management Consultant Limited (Ka Shing) | Environmental Team (ET) | Mr. Chan Pang | ET Leader | 6082 2973 | 2120 7752 |
| Penta-Ocean Construction Co., Ltd. (Penta-Ocean) | Contractor | Mr. Tony Tang | Environmental Officer | 9433 2628 | 3465 8898 |

Table 1.1 Contact Information of Key Personnel

Works Area and Construction Programme

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

Construction works undertaken during reporting month

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

| Construction of good works (a a least control | Construction of central median & profile barrier, | | |
|--|---|--|--|
| Construction of road works (e.g. kerb, central | installation of timber slats & noise absorptive | | |
| median, etc.) | panel and E&M works for Underpass 03; | | |
| 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 | | |
| | pipes/ watermains | | |
| Installation of water pipe for ELD; | Construction of Seawater Intake Box Culvert; | | |
| Excavation for construction of Pumping | Construction of pre-bored H piles for | | |
| Stations; Observation Deck. | | | |
| Laying of stormwater drainage pipes/ sewer pipes/watermains and construction of associated | | | |
| manholes at Road L12d. | | | |

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 | 9 Dec 2022 |

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 |
|-----------------------------|-------------------------------|------------------------------------|-----------------|
| | | Noise Mitigation Measures | |
| 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 (May 2023) | 14 June 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.

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

Table 2.1 Locations of Air Quality Monitoring Stations

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

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

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

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

Table 2.2 Proposed alternative monitoring locations for AM4(A)

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

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

Monitoring Parameters, Frequency and Duration

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

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

Table 2.3 Air Quality Monitoring Parameters, Frequency and Duration

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

Monitoring Equipment

2.11 24-hour average TSP and 1-hour average TSP levels were measured for impact monitoring. 24-hour average TSP levels were measured by the High Volume Samplers (HVS) and 1-hour average TSP levels were measured by direct reading method to indicate short-term impacts. Wind data monitoring equipment was set up at conspicuous locations for logging wind speed and wind direction near to the dust monitoring locations. Table 2.4 summarizes the equipment to be used in the air quality monitoring.

| Equipment | Model | Quantity |
|-----------------------|--|----------|
| HVS Sampler | TE-5170 X c/w of TSP sampling inlet | 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 m³/min. and 1.7 m³/min.) in accordance with the manufacturer's instruction to within the range recommended in USEPA Standard Title 40, CFR Part 50.
- 2.16 For TSP sampling, Glass Fiber Filter Media 8" x 10" have a collection efficiency of > 99 % for particles of 0.3 μm diameter were used.
- 2.17 The power supply was checked to ensure the sampler worked properly and then placed any filter media at the designated air monitoring station.
- 2.18 The filter holding frame was removed by loosening the four nuts and a weighted and conditioned filter was carefully centered with the stamped number upwards, on a supporting screen.
- 2.19 The filter was aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter. Then the filter holding frame was tightened to the filter holder with swing bolts. The applied pressure was sufficient to avoid air leakage at the edges.
- 2.20 The shelter lid was closed and secured with the aluminium strip.
- 2.21 The timer was programmed. Information was recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper can be found out by using the filter number).
- 2.22 After sampling, the filter was removed from the HVS and put into a clean and labeled seal plastic bag to avoid cross contamination. The elapsed time was also be recorded. The sampled filters were sent to the HOKLAS accredited or other internationally accredited laboratory for weighting.

Maintenance/Calibration

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

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

1-hour TSP Monitoring

Measurement Procedures

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

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

Maintenance/Calibration

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

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

Wind Data Monitoring

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

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

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

Action and Limit Levels

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

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

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

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

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

Impact Air Quality Monitoring results

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

| Air Monitoring Station | Average TSP Concentration, µg/m ³ | Range, μg/m ³ | Action Level, µg/m ³ | Limit Level, µg/m ³ |
|---------------------------|--|-----------------------------|------------------------------------|-----------------------------------|
| AM3 | 50 | 30 - 82 | 182 | 260 |
| AM4(A) | / | / _ / | 187 | 260 |
| AM7 | 41 | 33 - 54 | 181 | 260 |

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

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

| Air Monitoring Station | Average TSP Concentration, µg/m ³ | Range, µg/m ³ | Action Level, µg/m ³ | Limit Level, µg/m ³ |
|---------------------------|--|-----------------------------|------------------------------------|-----------------------------------|
| AM3 | 50 | 28 - 78 | 297 | 500 |
| AM4(A) | 56 | 37 - 77 | 326 | 500 |
| AM7 | 46 | 27 - 70 | 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, LAeq, 30-minute, for each station will be on a weekly basis and conduct one set of measurements between 0700 – 1900 on normal weekdays.
- 3.3 If construction works are extended to include works during 1900 0700 as well as public holidays and Sundays, additional weekly impact monitoring will be carried out during the respective restricted hours periods.

Monitoring Locations

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

Noise Monitoring Locations for the Project Location of Measurement M11 - The Hong Kong Society for the Blind's Ground (Façade) Factory cum Sheltered Workshop

Table 3.1 Locations of Noise Monitoring Stations

M12 - Hong Kong Children's Hospital

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.

Rooftop (Façade)

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 location | | | |
|--|---|--|--|
| 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

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

Limit Noise Monitoring **Baseline** Noise Time Period Action Level Station Levels, dB (A) Level 0700 – 1900 on M11 68.3 When one documented 75 dB(A) normal weekdays complaint is received.

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

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 _{Aeq, 30-min} , Average, dB(A) | Measured L _{Aeq, 30-min} , Range, dB(A) | Action Level | Limit Level [^] |
|--------------------------------|---|---|-----------------------|-----------------------------|
| M11 | 72.9 | 72.2 - 73.6 | When one documented | 75 |
| M12 | 67.6 | 64.6 - 69.7 | complaint is received | dB(A) |

Table 3.6 Summary of Noise Monitoring Data during the reporting month

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

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

4. COMPARISON OF EM&A RESULTS WITH EIA PREDICTIONS

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

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

| Air Monitoring Station | ASR No. in EIA report | 24-hour av | lative Maximum verage TSP stration Scenario 2 (Mid 2013 to Late 2016), µg/m ³ | Measured 24-hr average TSP in Reporting Month (June 2023) µg/m ³ |
|--|--------------------------|------------|--|---|
| AM3 - Sky Tower | A40^ | 106 | 138 | 30 - 82 |
| 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 | 33 – 54 |

Note:

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

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

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

| There is a comparison of I now workge is monitoring Data with Diff predictions | | | | |
|--|--------------------------|---|----------------------------|---------------------------------|
| Air Monitoring Station | ASR No. in EIA report | Predicted Cumulative Maximum 1-hour average TSP concentration | | Measured 1-hr average TSP in |
| | | Scenario 1 (Mid 2009 to | Scenario 2 (Mid 2013 to | Reporting Month (June 2023) |
| | | Mid 2013), $\mu g/m^3$ | Late 2016), $\mu g/m^3$ | μg/m ³ |
| AM3 - Sky Tower | A40 | 217^ | 247^ | 28 - 78 |
| AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop* | A43 | 283^ | 409^ | 37 – 77 |
| AM7 – Hong Kong Children's Hospital | PA60 | NA | NA | 27 - 70 |

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 (June 2023) L _{Aeq, 30min} , dB(A) |
|---|--------------------------|---|--|
| M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop [*] | N18 | 50 - 76* | 72.2 - 73.6 |
| M12 - Hong Kong Children's Hospital | PN83, PN84, PN84A | NA | 64.6 – 69.7 |

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 1, 8, 14, 20, and 29 June 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 01 June 2023 No NA NA 08 June 2023 No NA NA 14 June 2023 No NA NA 20 June 2023 NA No NA 29 June 2023 No NA NA

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

- 5.5 No non-compliance of the landscape and visual impact was recorded in the reporting month.
- 5.6 Should non-compliance of the landscape and visual impact occur, action in accordance with the action plan presented in Appendix 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.
- 5.7 Site inspections were conducted on 1, 8, 14, 20, and 29 June 2023 in the reporting month.
- 6.2 The summaries of site audits are attached in Table 6.1.

| Inspection Date | Key Observations | Recommendations / Actions | Close-out Date / Status |
|--------------------|---|--|----------------------------------|
| 01 June 2023 | No | NA | NA |
| 08 June 2023 | No | NA | NA |
| 14 June 2023 | Observation: Two bottles of chemical were found on site, please properly display a label for identification and also place a secondary tray for preventing spillage. | Action Taken: Two bottles of chemical have been removed. | Closed-out on 20 June 2023 |
| 20 June 2023 | No | NA | NA |

Table 6.1 Summary of site inspections observations during the reporting month

| Inspection Date | Key Observations | Recommendations / Actions | Close-out Date / Status |
|--------------------|---|--|----------------------------------|
| | Observation: The expired chemicals should be removed near box culvert. | Action Taken: The expired chemicals have been removed near box culvert. | Closed-out on 06 July 2023 |
| 29 June 2023 | Observation: The general refuse should be removed regularly at pumping station. | With the second secon | Closed-out on 06 July 2023 |
| | Observation: The stagnant water should be removed at lift 1. | Action Taken: The stagnant water has been removed at lift 1. | Closed-out on 06 July 2023 |

Status of Waste Management

6.3 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.

6.4 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

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

| Environmental Licenses, Notifications and Permits | Ref. No. | Valid Form | Valid Till |
|--|-------------------|--------------|-------------|
| Environmental Permit under EIAO | EP-337/2009 | 23 Apr 2009 | N/A |
| Environmental Permit under EIAO | EP-445/2013/B | 3 May 2022 | N/A |
| Construction Dust Notification under APCO | 445956 | 6 June 2019 | N/A |
| 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-RE1243-22 | 02 Dec 2022 | 01 Jun 2023 |
| | GW-RE1297-22 | 10 Dec 2022 | 08 Jun 2023 |
| | GW-RE1299-22 | 17 Dec 2022 | 15 Jun 2023 |
| | GW-RE1420-22 | 05 Jan 2023 | 25 Jun 2023 |
| | GW-RE0130-23 | 20 Feb 2023 | 13 Aug 2023 |
| | GW-RE0270-23 | 20 Mar 2023 | 19 Jun 2023 |
| | GW-RE0308-23 | 14 Apr 2023 | 13 Jul 2023 |
| | GW-RE0513-23 | 20 Jun 2023 | 19 Oct 2023 |
| | GW-RE0559-23 | 16 Jun 2023 | 31 Aug 2023 |
| | GW-RE0560-23 | 02 Jun 2023 | 14 Nov 2023 |
| | GW-RE0561-23 | 09 Jun 2023 | 31 Aug 2023 |
| | GW-RE0602-23 | 07 Jun 2023 | 06 Sep 2023 |
| | GW-RE0676-23 | 19 Jun 2023 | 19 Jul 2023 |

Table 6.2 Summary of Environmental Licenses, Notifications and Permits

Implementation Status of Environmental Mitigation Measures

- 6.6 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.
- 6.7 In response to the site audit findings, the Contractor carried out corrective actions with

summary given in Appendix P.

Environmental Complaint and Non-compliance

6.8 One complaint was received in the reporting month. Summary of complaints in the reporting month is tabulated in Table 6.3.

| Date of complaint | Description of | Investigation / Recommendations / | Close-out |
|---|--|---|-------------------------------------|
| received | complaint | Action taken | date / Status |
| 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. | Investigation Joint site inspection was conducted by Contractor (POC), ER and ET on 8 June 2023. As per Mr. Tony Tang from POC, the concerned area was the section of Shing Fung Road at the entrance of Gammon site accommodation. The new road connecting Shing Fung Road & 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. 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. No adverse observation against the dust impact were found during the site inspection. | - Closed-out on 19 June 2023. |

Table 6.3 Summary of complaints in the Reporting Month

| Date of complaint | Description of | Investigation / Recommendations / | Close-out |
|-------------------|----------------|-------------------------------------|---------------|
| received | complaint | Action taken | date / Status |
| | | a week start from 11 May 2023. | |
| | | Date Road Washing by | |
| | | 19 May Sweeper truck with | |
| | | 2023 water spraying truck | |
| | | 23 May Sweeper truck with | |
| | | 2023 water spraying truck | |
| | | 25 May Sweeper truck with | |
| | | 2023 water spraying truck | |
| | | 30 May Sweeper truck with | |
| | | 2023 water spraying truck | |
| | | 2 June Sweeper truck with | |
| | | 2023 water spraying truck | |
| | | 6 June Sweeper truck with | |
| | | 2023 water spraying truck | |
| | | 9 June Sweeper truck with | |
| | | 2023 water spraying truck | |
| | | 13 June Sweeper truck with | |
| | | 2023 water spraying truck | |
| | | 2. 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 Shing | |
| | | Kai Road. | |
| | | 2. Dusty materials transported on | |
| | | truck should be covered. | |

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

Notifications of summons and successful prosecutions

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

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

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

6.11 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>Iable 7.1 Summary of future key issues and potential impact in the second seco</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 |

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 One dust complaint was received in the reporting month. No others further complaint was received in the reporting month.
- 8.6 No notification of summons and successful prosecutions was received in the reporting month.

Figure

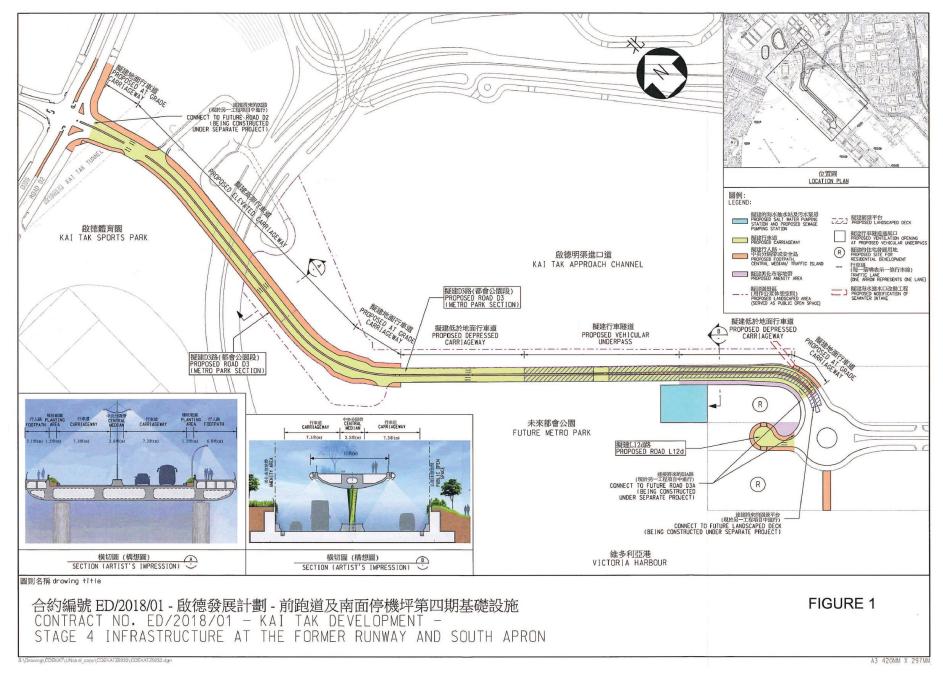


Figure 1 – Proposed works of Contract No. ED/2018/01

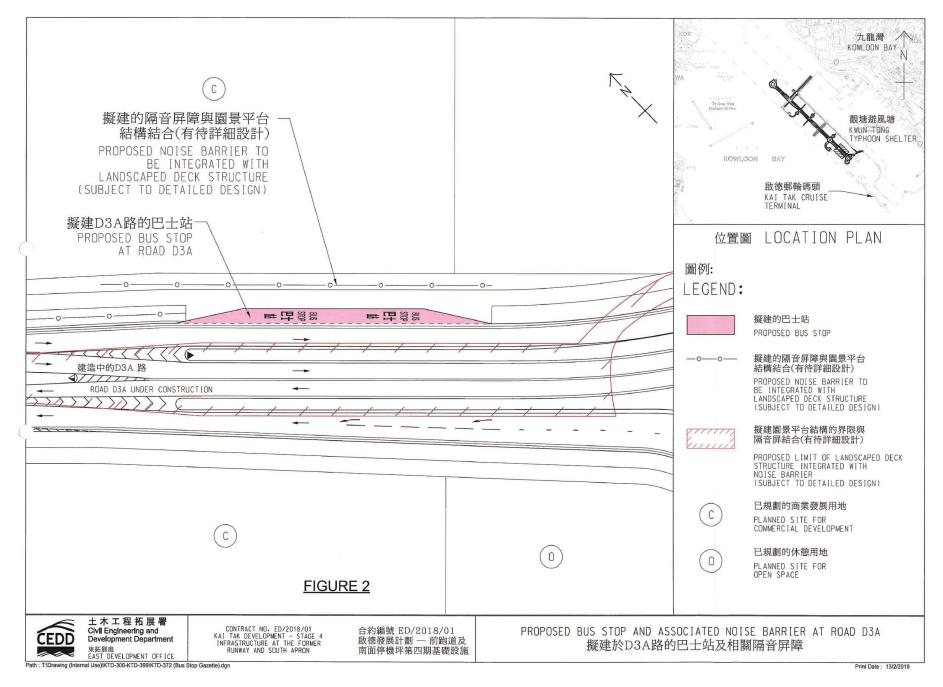


Figure 2 - Proposed Bus Stop And Associated Noise Barrier At Road D3A

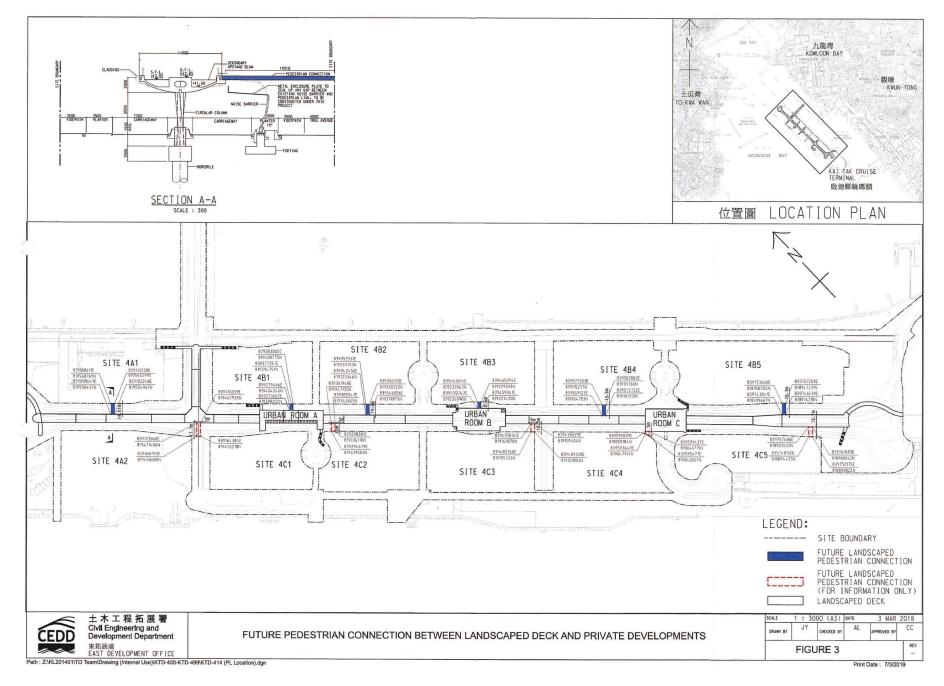


Figure 3 – Future Pedestrian Connection Between Landscaped Deck And Private Developments

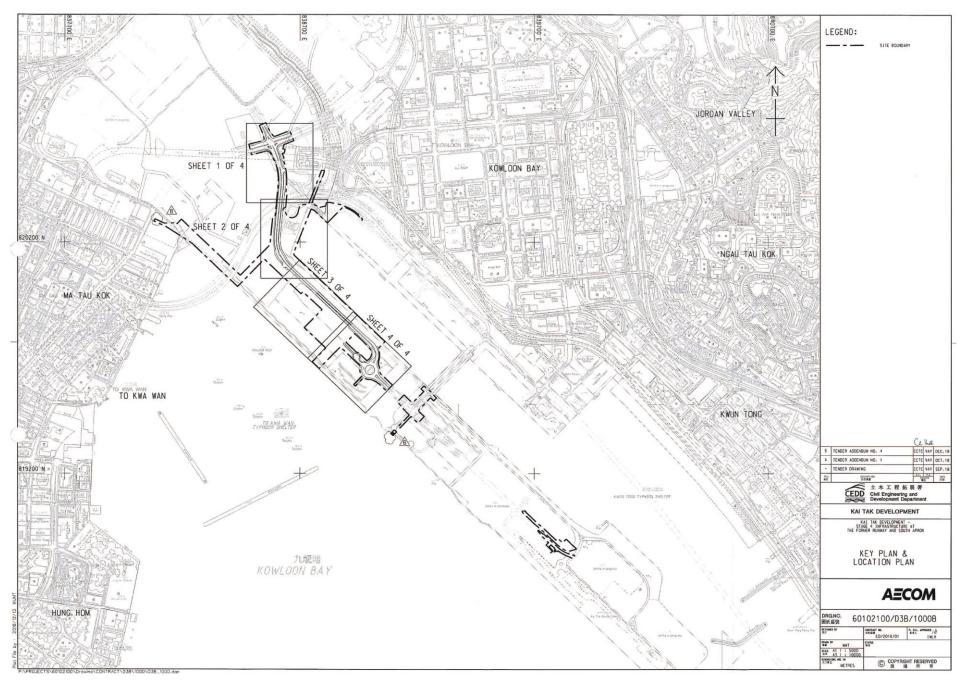


Figure 4 – Site Layout Plan

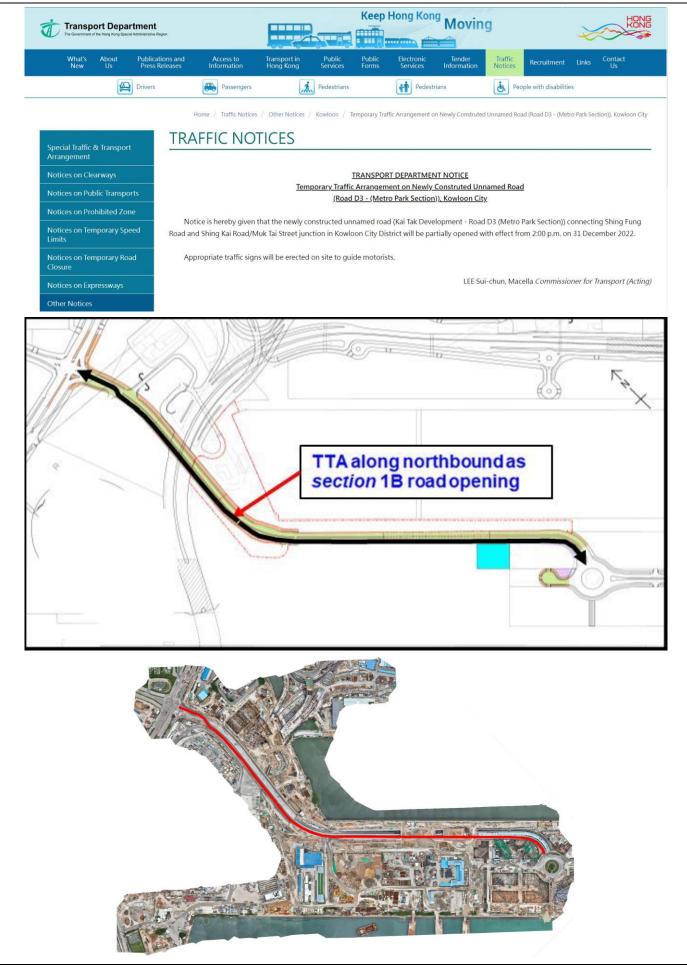


Figure 5 – New Opened Road on 31 December 2022

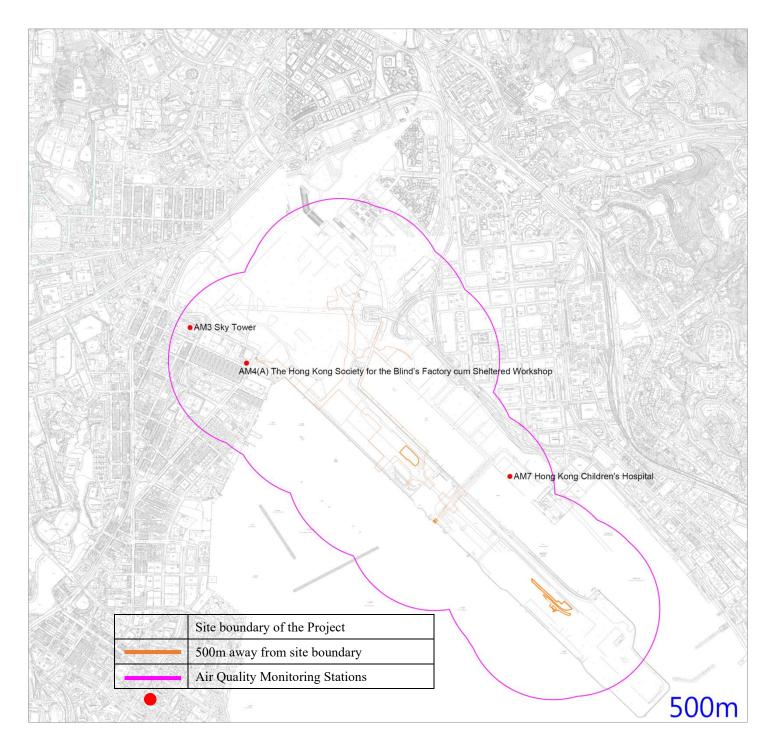


Figure 6 – Air Quality Monitoring Stations

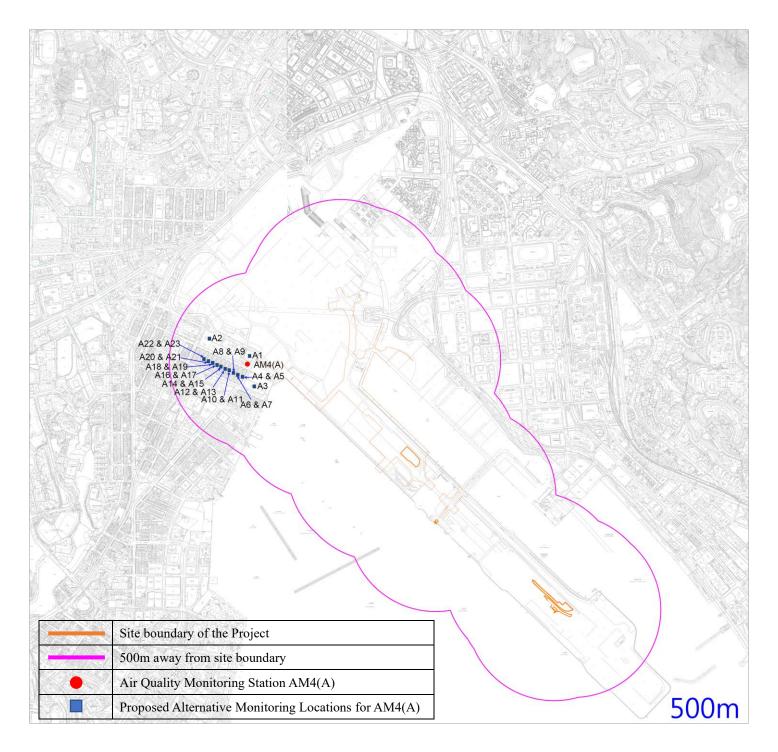


Figure 7 – Proposed Alternative Monitoring Locations for AM4(A)

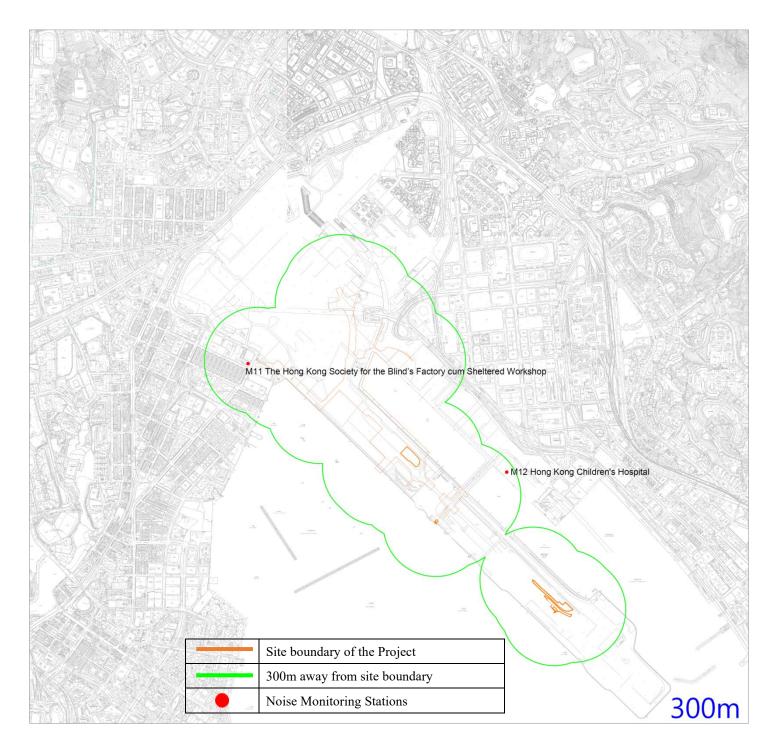


Figure 8 – Noise Monitoring Stations

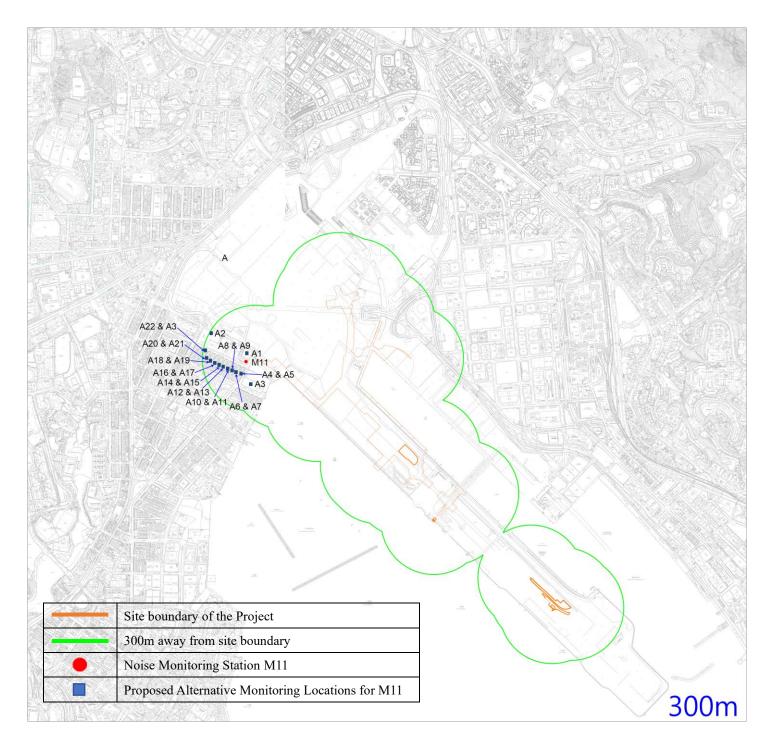
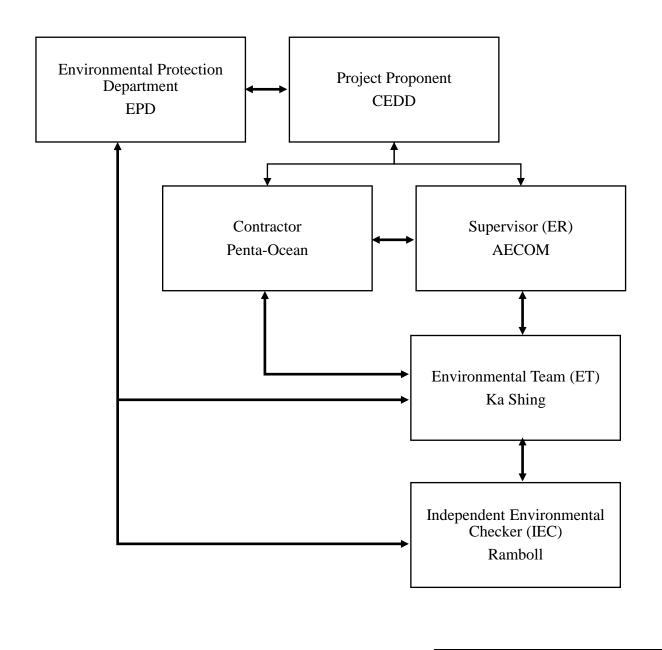
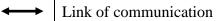


Figure 9 – Proposed Alternative Monitoring Locations for M11

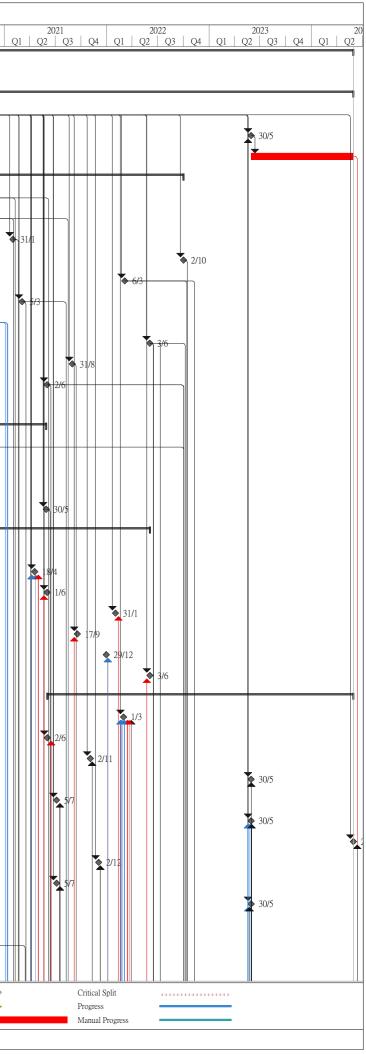
Appendix A – Organization Chart of EM&A Team



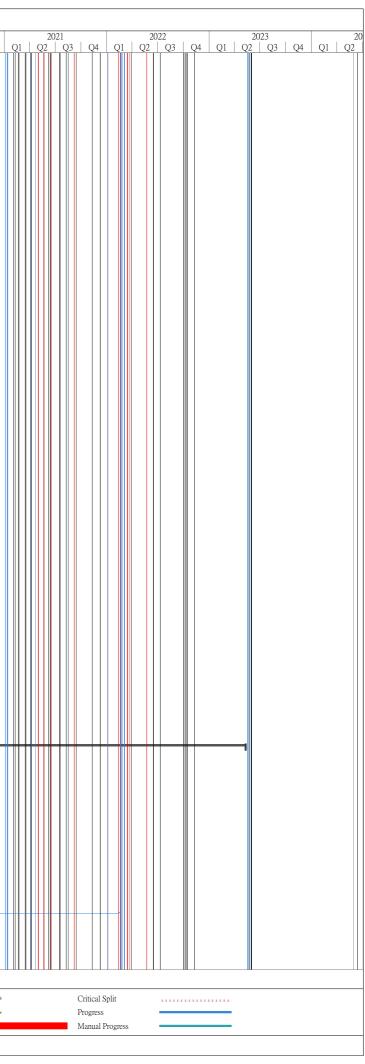


Appendix B – Construction Programme

|) | 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 | 2 | 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 ^{, I} | 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 | | | Manual Sur Manual Sur | nmary Rollup 💼 | | Finish-only External Tasl | | 3 | Deac Criti | | |
| | Milestone • | Inactive Tac | r | | | | | | | | Hytemal l'acl | | | ('rifi | Cal | |



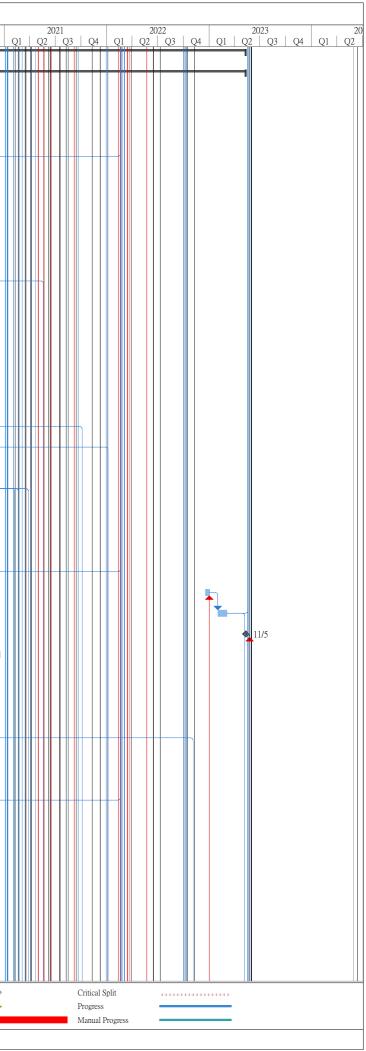
|) | Task Name | Duration | | Remaining | Physical % | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total | TRA | Predecessors | 2 | 2020 |
|---------|---|-------------------|--------------------|--------------------|----------------|--------------|----------------------------|--------------|-----------------|--------------|---------------|-----------------|---------|--------------|------------|------|
| 46 | District Council Consultation | | 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 | |
| 40 | | | - | | | | Fri 28/2/20 | | | Thu 20/2/20 | Fri 28/2/20 | | | | | |
| | Project Manager's Instruction | - | 8 days | 0 days | 0% | Thu 20/2/20 | | | | | | 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 Coronavirus Between 29 January 2020 to 02 February 2020 | 0 days | 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 | Fri 28/2/20 | 0 days | | | 28/2 | |
| 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 | |
| 53 | Early Warning | 257 days | 257 days | 0 days | 0% | Wed 10/7/19 | Mon 23/3/20 | Wed 10/7/19 | Mon 23/3/20 | 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 10/7/19 | Wed 10/7/19 | Wed 10/7/19 | 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 Northern Depressed Road CH1560 to 1720 | 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 | | | | |
| 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 especially affect the KTD1 | 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 | | | | |
| 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 Approach Ramp | 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 | EW No. 01: 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 | Tue 14/1/20 | Tue 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 | | | 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 | 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 | 100% | Mon 16/3/20 | | Mon 16/3/20 | | | Mon 16/3/20 | 0 days | | | 16/3 | |
| 71 | Proposed Disposed Ground EW No. 025: Broken Steel Casing for Bored Pile P02-BP2 | | 0 days | 0 days | 100% | 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 | - | 14 days | 0% | Thu 28/5/20 | Thu 11/6/20 | | NA | Tue 9/6/20 | Tue 7/7/20 | 12 days | | | | |
| 72 | Compensation Event (CNCE) No. 009 - Inclement Weather in April 2020 | 0 days | - | 0 days | 0% | Thu 28/5/20 | Thu 11/0/20 Thu 28/5/20 | | NA | Tue 7/7/20 | Tue 7/7/20 | 40 days | | | | 28 |
| 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 | 1457 day | 401.03 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 | 71 days | 0 days | 100% | Tue 18/6/19 | Tue 27/8/19 | Tue 18/6/19 | Tue 27/8/19 | Tue 18/6/19 | Tue 27/8/19 | 0 days | 0 days | 4 | | |
| 77 | Works Programme | - | 160 days | 0 days | 0% | Thu 16/5/19 | Tue 22/10/19 | Thu 16/5/19 | Thu 15/8/19 | Thu 16/5/19 | 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 | 0 days | 2 | | |
| 79 | 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 | Wed 5/6/19 | Thu 13/6/19 | 0 days | 0 days | 78 | | |
| 80 | Revise and Resubmission of Works Programme | 42 days | | 0 days | 100% | Fri 14/6/19 | | Fri 14/6/19 | Thu 25/7/19 | | Thu 25/7/19 | 0 days | 0 days | 79 | | |
| 81 | Final Review and Acceptance of the First Programme by Project Manager | 20 days | _ | 0 days | 100% | Sat 27/7/19 | Thu 25/7/19 Thu 15/8/19 | Sat 27/7/19 | Thu 15/8/19 | | Thu 15/8/19 | 0 days | 0 days | 80 | | |
| 82 | Submit Health and Safety Management Plan (ACC Cl. D6(2)) | 6 days | | 0 days | 100% | Thu 30/5/19 | Tue 4/6/19 | | | Thu 30/5/19 | Tue 4/6/19 | 0 days | 0.5 day | 4 | | |
| 82 | Submit Hearth and Sarety Management Plan (ACC CL Do(2)) Submit Detailed Programme for Safety Risk (ER Part 7, CL 7.3.4) | o days 34 days | - | 0 days | 100% | Mon 9/12/19 | Sat 11/1/20 | Mon 9/12/19 | | | Sat 11/1/20 | 0 days | 0.5 day | 4 | | |
| | | | | | | | | | | | | | | 4 | | |
| 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 | Tue 4/6/19 | 0 days | 0.5 day | 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 | | | | |
| | Task | Summary | | | Inactive N | filestone 🔷 | | Duration-on | ly | | Start-only | | C | F | xternal Mi | iles |
| | ev. I I Prod with Prodress | Project Sum | mary [| | Inactive S | | | | nmary Rollup 💼 | | Finish-only | | 3 | | eadline | |
| us UI 4 | Milestone | nactive Tas | k | | Manual T | aala | | Manual Sun | | | External Tasl | - | | (| ritical | |



| 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 | | ♦ 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 | | | ♣ 31. |
| 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 | | - |
| 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 |
|------------------------|-------------------|------------------------|
| 2021 Q1 Q2 Q3 Q4 | Q1 Q2 Q3 Q4 Q1 Q2 | 2025 20 Q3 Q4 Q1 Q2 |
| | | |
| 11 | | |
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| | | |
| Critical S Progress | plit | |
| Manual F | rogress | |
| | | |

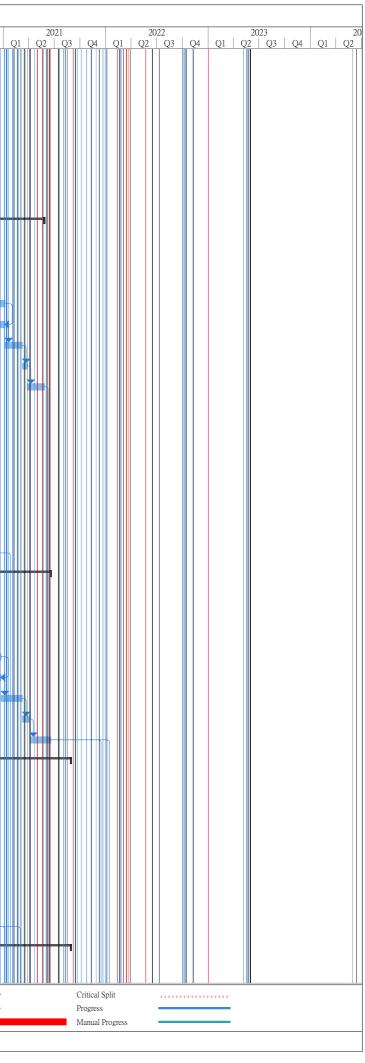
|) [| Task Name | Duration A | ctual | Remaining | Physical % | Early Start | | Actual Start | | | Late Finish | Total | TRA | Predecessors | 20 |)20 |
|----------|---|--------------------------------|------------|--------------|--------------------------|--------------|--------------|--|--------------|--------------|--|----------|----------|-----------------|---------|-------|
| | | 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 | | | Manual Surr Manual Surr | | | Finish-only External Task | s | 3 | Dead | | |
| | Milestone V | 2incetive 145k | | | | - | | | , • | | | | | Critic | | |



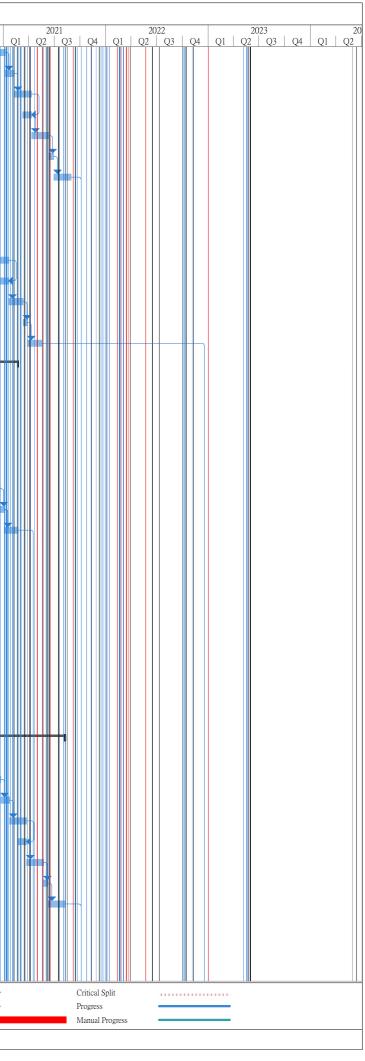
|) T | ask Name | | Duration | Actual | Romaining | Dhusiool 01 | Farly Start | | ract No. ED/ | - | | Late Einich | Tota ¹ | ТР л | Predecessors | 20 | 20 |
|----------|---|--|------------------------------|--------------------|-----------------------|--------------------------|--------------|--------------|---------------------------|------------------------|--------------|---------------------------|-------------------|----------|----------------|--------------------|------|
| 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 | Authomitical Car. 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 | | | | | | | | | | | | | | | |

| Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q1 Q2 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 <t< th=""></t<> |
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| Progress Manual Progress |

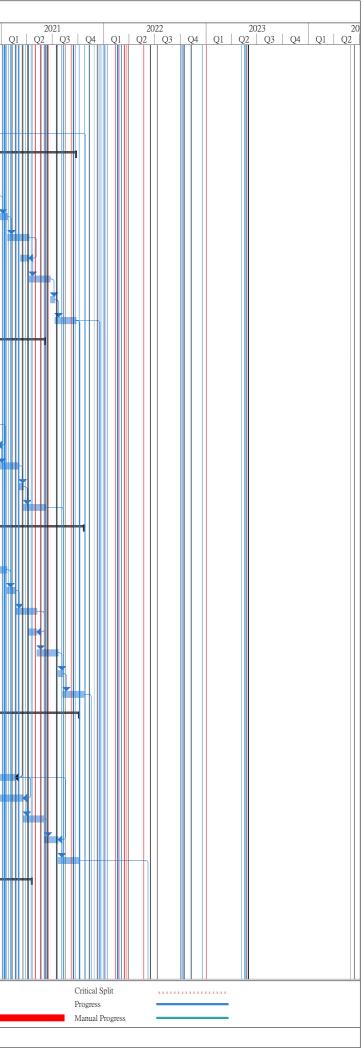
| | 1 1 NT | | | | D · · | D1 | | | ract No. ED/ | | | T | m 1 | mp · | D 1 | _ | 2022 | _ |
|--------|-----------------------------------|---|--------------|-------------|-----------------------|------------------------|----------------------------|--------------|--|------------------|--------------|-----------------------------------|----------------|----------|---------------|--------|------------|---|
| | '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 | | | | • | |
| 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 certification | 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/Statute | 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/Statute | 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 | | ╞╋╫╫╂╴ | ₽ |
| 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 | | | |
| 33 | 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 | d | | 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 | | | | |
| | 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 | | | |
| 1 | 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 certific | 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 certific | - | 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 | | | | |
| | Prepare DDA for and ICE ce | | 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 | u | | |
| 2 | - | 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 | | | 4 |
| 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) as | 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 | | | lilestone | _ |
| | 2-May-20 | Split Milestone | | | | | Summary | | Manual Sun Manual Sun | nmary Rollup 🖕 | | Finish-only External Task | | 3 | Dea Cri | adline | | |
| | | IVITICSTOTIC V | Inactive Tas | Λ. | | Manual 1 | 1.45% | | Ivianual Sun | uutidi y | | External Lask | 2 | | Cri | ucal | | |



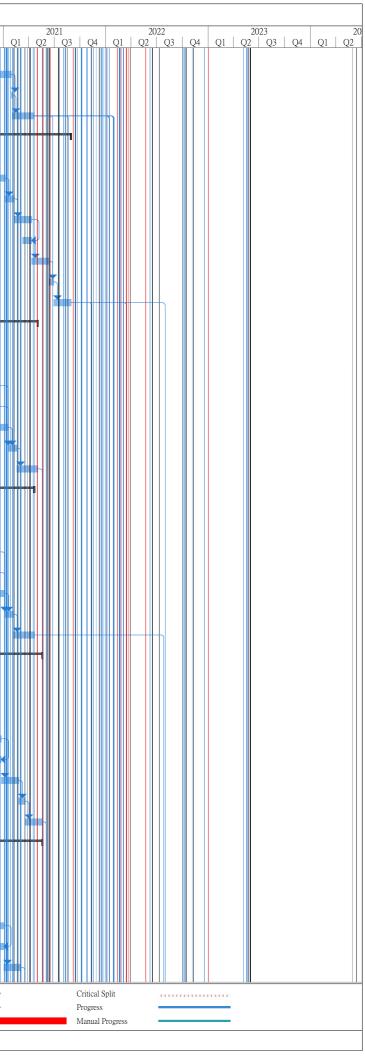
|) T | ask Name | Duration A | Actual | Remaining | Physical % | Early Start | Early Finish | Actual Start | | <u> </u> | Late Finish | Total TRA | Predecessors | 20 |)20 | |
|----------|--|-------------------------------|-------------|-------------|------------|--------------|---------------|---------------------------|------------------------|--------------|---------------------------|-----------------|----------------|--------------------|--------|-----|
| | | I | Duration | Duration | Complete | | | | | | | Slack | | | Q3 | L C |
| 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 | 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 | 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 | | 83.71 days | 280.29 days | 0% | Mon 24/2/20 | Sun 21/2/21 | Mon 24/2/20 | | 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 | | | ľ |
| 284 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days 0 | 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 | | | í |
| 285 | Prepare DDA (E&M works) and ICE certification (Draft) | 30 days 0 | 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 | 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 3 | 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 6 | 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 | | | |
| 294 | * | | | | | | | | | | | | | | | |
| | Submit & endorse by Statutory Authorities/Gov. Dept | 20 days 2 | | 0 days | 100% | Wed 19/2/20 | Mon 9/3/20 | Wed 19/2/20 | | | Mon 9/3/20 | 0 days 1 day | 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 | | | | Π |
| 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 | Tue 17/11/20 | Thu 17/12/20 | 57 days 1 day | | | | Ħ |
| 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 3 | 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 8 | - | 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 uujo (| | 5 augo | | | 1 40 22 10/17 | 5 | 100 220 10/13 | 5 | 1 40 22 10/1) | | | | | |
| | v.11 Prog with Progress Task Split | Summary Project Summ | 1977/ | | Inactive N | | | Duration-on Manual Sun | ly 📃 nmary Rollup 🗖 | | Start-only Finish-only | C 3 | | ernal Mil dline | estone | |
| as of 22 | P-May-20 Split Milestone • | Project Summ Inactive Task | | | Manual T | | | Manual Sun Manual Sun | | | External Task | | Dea | | | |
| | | | | | | | | | e 7 of 36 | | | | | | | — |



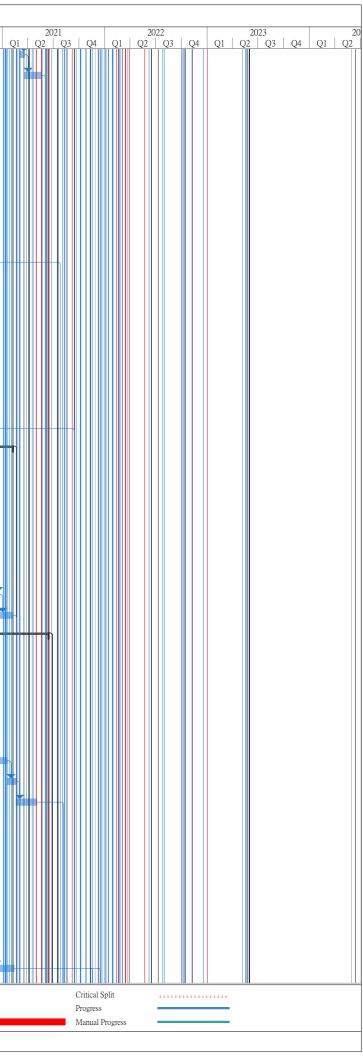
| | | - | | - | | - | - | | 1 | - | | | | - | | | |
|----------------------------------|---|---|--|---|---|--|--|--|--|---|---|--|---|---|--|---|--|
| k Name | | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors | 202 Q2 | | 3 |
| Prepare AIP and ICE (certificati | 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 | | RÌ | Π |
| Prepare DDA certification (Drat | 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 | hll | | |
| Submit & endorse by PM and S | tatutory 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 | | | |
| Prepare DDA for and ICE certif | ication (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 | | | F | |
| Submit & endorse by PM and S | tatutory 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 | | | ¢# |
| South Depressed Road (E&M Worl | (3) | 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 |
| Prepare AIP (E&M works) and | ICE 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 | | | | |
| Submit & endorse by PM and S | tatutory 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 | | | |
| Prepare AIP (E&M works) and | ICE 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 | | | |
| Submit & endorse by PM and S | 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 | | | |
| Prepare DDA (E&M works) and | l 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 | | | |
| Submit & endorse by PM and S | tatutory Authorities/Gov. Dept | 76 days | 0 days | 76 days | 0% | Fri 9/4/21 | Wed 23/6/21 | NA | NA | Tue 20/4/21 | Sun 4/7/21 | 11 days | 1 day | 320 | | | |
| Prepare DDA (E&M works) and | l ICE certification (Final) | 16 days | 0 days | 16 days | 0% | Thu 24/6/21 | Fri 9/7/21 | NA | NA | Mon 5/7/21 | Tue 20/7/21 | 11 days | 1 day | 321 | | | |
| Submit & endorse by PM and S | atutory Authorities/Gov. Dept | 76 days | 0 days | 76 days | 0% | Sat 10/7/21 | Thu 23/9/21 | NA | NA | Wed 21/7/21 | Mon 4/10/21 | 11 days | 1 day | 322 | | | |
| Road Works (Civil Works) | | | | - | 0% | | Fri 4/6/21 | | | Tue 13/8/19 | | | | | | Щ | Щ |
| | D3 and ICE certification (Draft) | - | | | | | | | | | | | | 293SS+75 dave | | | |
| | | | _ | | | | | | | | | | | | | | |
| - | Authorities/Cov Dent | | | | | | | | | | | | | | | | |
| | - | - | - | - | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | days,327,44FF+ | | | |
| | | | | - | | | | | | | | | | days,328FF+6 | | | Π |
| - | | | | | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | | | | | Π |
| - | | | | | | | | | | | | | | 331 | | | |
| 0 | | | - | | | | | | | | | | | | | | |
| | | 31 days | 0 days | | | | | | | | | | | | | | |
| - | | - | - | | | | | | | | | | | | | | |
| Prepare AIP (E&M works) and | ICE 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 | | | |
| Submit & endorse by PM and S | tatutory 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 | | | |
| 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 | | | |
| Submit & endorse by PM and S | tatutory 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 | | | |
| Prepare DDA (E&M works) and | l 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 | | | |
| Submit & endorse by PM and S | tatutory 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 | | | |
| Road L12d Works (Roadworks) | | 791 days | 261.27 days | 529.73 days | 0% | Tue 6/8/19 | Mon 4/10/21 | Tue 6/8/19 | NA | Tue 6/8/19 | Tue 28/2/23 | 512 days | | | | | F |
| Prepare AIP for Road L12d Sub | mission (Draft) | 64 days | 64 days | 0 days | 100% | Tue 6/8/19 | Tue 8/10/19 | Tue 6/8/19 | Tue 8/10/19 | Tue 6/8/19 | Tue 8/10/19 | 0 days | 1 day | 325 | | | ┝ |
| Submit & endorse by PM and S | tatutory Authorities/Gov. Dept | 377 days | 227 days | 150 days | 60% | Wed 9/10/19 | Mon 19/10/20 | Wed 9/10/19 | NA | Wed 9/10/19 | Tue 15/3/22 | 512 days | | | | | |
| | lude E&M Provision Works) and ICE certification | 120 days | 0 days | 120 days | 0% | Tue 20/10/20 | Tue 16/2/21 | NA | NA | Wed 16/3/22 | Wed 13/7/22 | 512 days | 0 days | 343,44FF+12 | | | |
| Prepare DDA for Road L12d (I | nclude E&M Provision Works) and ICE certificati | on 120 days | 0 days | 120 days | 0% | Thu 19/11/20 | Thu 18/3/21 | NA | NA | Fri 15/4/22 | Fri 12/8/22 | 512 days | 1 day | 343FS+260 | | | |
| | tatutory Authorities/Gov. Dept | 75 days | 0 days | 75 days | 0% | Fri 19/3/21 | Tue 1/6/21 | NA | NA | Sat 13/8/22 | Wed 26/10/22 | 512 days | 0.5 days | 346 | | | |
| | clude E&M Provision Works) and ICE certification | on 50 days | 0 days | 50 days | 0% | Wed 2/6/21 | Wed 21/7/21 | NA | NA | Thu 27/10/22 | Thu 15/12/22 | 512 days | 0 days | 347,345FF | | | |
| . , | tatutory 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 | | | | ╨ | ╞ |
| 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 | | | | |
| | | | | 82 days | 57% | Wed 5/2/20 | Wed 12/8/20 | | NA | Wed 5/2/20 | Wed 25/11/20 | | | 351 | | | |
| | - | | - | 32 days | 0% | Thu 13/8/20 | | | NA | Thu 26/11/20 | Sun 27/12/20 | | | 352 | | | ł |
| | | | | - | | | | | | | | | | | | | |
| | | 20 aujo | | | | | | | | 20,12,20 | | 200 aujo | | | | | Ľ |
| 11 Prog with Progress | Task Split | Summary Project Sum | mary ^I | | Inactive M | | | | ly 📃 1mary Rollup 🗖 | | Start-only Finish-only | | C] | | ernal Mile dline | estone | ð |
| May-20 | - opin | I I U JUCE OUIII | ا سست | - | u macuve 3 | | | . manaa Juli | | | 1 111011°01119 | | | Dea | | | |
| | Prepare AIP and ICE (certification Prepare DDA certification (Draft Submit & endorse by PM and St South Depressed Road (E&M Work Prepare DDA for and ICE certif Submit & endorse by PM and St South Depressed Road (E&M Work Prepare AIP (E&M works) and Submit & endorse by PM and St Prepare AIP (E&M works) and Submit & endorse by PM and St Prepare DDA (E&M works) and Submit & endorse by PM and St Prepare DDA (E&M works) and Submit & endorse by PM and St Prepare DDA (E&M works) and Submit & endorse by PM and St Prepare DDA (E&M works) and Submit & endorse by PM and St Road Works (Civil Works) Prepare AIP for At-grade Road Submit & endorse by Statutory J Prepare DDA for At-grade Road Submit & endorse by PM and St Submit & endorse by PM and St Submit & endorse by PM and St Prepare DDA for At-grade Road Submit & endorse by PM and St Prepare DDA for At-grade Road Submit & endorse by PM and St Prepare DDA for At-grade Road Submit & endorse by PM and St Prepare DDA for At-grade Road Submit & endorse by PM and St Prepare DDA for At-grade Road Submit & endorse by PM and St Prepare AIP (E&M works) and Submit & endorse by PM and St Prepare AIP (E&M works) and Submit & endorse by PM and St Prepare AIP (E&M works) and Submit & endorse by PM and St Prepare AIP (E&M works) and Submit & endorse by PM and St Prepare AIP (For Road L12d (Inc (Final) Prepare AIP for Road L12d (Inc (Final) Prepare AIP (E&M works) submit & endorse by PM and St Prepare AIP (E&M works) and Submit & endorse by PM and St Prepare AIP (E&M works) submit & endorse by PM and St Prepare AIP (E&M works) submit & endorse by PM and St Prepare AIP (For Road L12d (Inc (Final)) Prepare AIP (E&M works) submit & endorse by PM and St Prepare AIP (E&M works) submit & endorse by PM and St Prepare AIP (E&M works) submit & endorse by PM and St Prepare AIP (E&M works) submit & Road L12 | Prepare AIP and ICE (certification (Final) Prepare DDA certification (Draft) Submit & enderse by PM and Statutory Authorities/Gov. Dept Prepare DDA for and ICE certification (Final) Submit & enderse by PM and Statutory Authorities/Gov. Dept South Depressed Road (E&M Works) Prepare AIP (E&M works) and ICE certification (Draft) Submit & enderse by PM and Statutory Authorities/Gov. Dept Prepare AIP (E&M works) and ICE certification (Final) Submit & enderse by PM and Statutory Authorities/Gov. Dept Prepare DDA (E&M works) and ICE certification (Draft) Submit & enderse by PM and Statutory Authorities/Gov. Dept Prepare DDA (E&M works) and ICE certification (Draft) Submit & enderse by PM Submit & enderse by PM and Statutory Authorities/Gov. Dept Prepare DDA for At-grade Road D3 and ICE certification (Final) Submit & enderse by PM and Statu | Prepare AIP and ICE (certification (Final) 27 days Submit & endorse by PM and Statutory Authorities/Gov. Dept 75 days Submit & endorse by PM and Statutory Authorities/Gov. Dept 50 days South Depressed Road (E&M Works) 882 days Prepare AIP (E&M works) and ICE certification (Pinal) 31 days Submit & endorse by PM and Statutory Authorities/Gov. Dept 76 days Prepare AIP (E&M works) and ICE certification (Final) 31 days Submit & endorse by PM and Statutory Authorities/Gov. Dept 76 days Prepare DDA (E&M works) and ICE certification (Final) 31 days Submit & endorse by PM and Statutory Authorities/Gov. Dept 76 days Prepare DDA (E&M works) and ICE certification (Final) 16 days Submit & endorse by PM and Statutory Authorities/Gov. Dept 76 days Prepare AIP for At-grade Road D3 and ICE certification (Draft) 57 days Submit & endorse by PM and Statutory Authorities/Gov. Dept 76 days Prepare DDA for At-grade Road D3 and ICE certification (Final) 76 days Prepare DDA for At-grade Road D3 and ICE certification (Final) 76 days Submit & endorse by PM and Statutory Authorities/Gov. Dept 76 days Prepare DDA for At-grade Road D3 | Prepare AIP and ICE (certification (Final) ZPO days Prepare DDA certification (Draft) 7 days 27 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 50 days 0 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 50 days 0 days South Depressed Read (E&M Works) 82 days 0 days South Depressed Read (E&M Works) and ICE certification (Draft) 31 days 0 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 76 days 0 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 76 days 0 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 76 days 0 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 76 days 0 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 76 days 0 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 76 days 7 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 76 days 0 days Prepare AIP for AL-grade Road D3 and ICE certification (Draft) 71 days 0 days Submit & endorse by PM and Statutory Authorities/Cov. Dept 76 days | Preprine AIP and ICE (certification (Find)DurationDurationDurationPreprine DDA certification (Find)7 days7 days8 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept70 days20 days8 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept70 days0 days8 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept70 days0 days8 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept76 days0 days1 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept76 days0 days1 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept76 days0 days1 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept76 days0 days1 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept76 days0 days1 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept76 days0 days1 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept76 days0 days1 daysSubmit & endorse by PM and Statutery Authorities/Gov. Dept72 days0 days0 daysPrepure DDA (E&M works) and ICE certification (Find)57 days0 days0 daysSubmit & endorse by PM30 and ICE certification (Find)57 days0 days0 daysPrepure DDA (E&M works) and ICE certification (Find)57 days0 days1 daysSubmit & endorse by PM31 days1 days0 days1 daysSubmit & endorse by P | Despine AP and LCE (certification (Finit) Z01 days Z01 days Z01 days Z01 days Alays RX8 Prepare DDA (certification (Dath) Z1 days Z1 days Z1 days S1 days Z34 Prepare DDA (certification (Dath) E1 days L3 days S1 days Odays 94 Submit & conders by PM and Statutary Authorities/Gov. Dept S1 days Odays 94 94 Submit & conders by PM and Statutary Authorities/Gov. Dept Fiddays Odays 76 days 047 Prepare API (E&AM work) and ICE confication (Dath) 11 days Odays 76 days 047 Submit & conders by PM and Statutary Authorities/Gov. Dept Fiddays 04ays 76 days 047 Prepare API (E&AM work) and ICE confication (Finit) 16 days 04ays 76 days 047 Submit & conders by PM and Statutary Authorities/Gov. Dept Fidays 04ays 16 days 04ays 0 | Depare AIP and LPC certification (Fmail) Zink Period Complex Complex | Depart AP unit CT: (ortification (Final) Calance Calance | Papers AIP and ICS configurity Papers AIP and Stamps Admitications, Dept Papers AIP and ICS configurity Papers AIP and ICS configurity | Drame Dram Drame Drame <thd< td=""><td>Paper Mar Partial Section Partial Mark Partial Mark</td><td>Date Date <thdate< th=""> Date Date <thd< td=""><td>Parts AP and EN unit answer (vision) Parts AP and AP and Vision) <t< td=""><td>Intern Intern Intern<</td><td>Part of the distribution of the sector of the sector</td><td>Number of a Victor of a victor and set of victor and victor and set of victor and victor and victor and v</td><td>Data Data <thdata< th=""> Data Data <thd< td=""></thd<></thdata<></td></t<></td></thd<></thdate<></td></thd<> | Paper Mar Partial Section Partial Mark Partial Mark | Date Date <thdate< th=""> Date Date <thd< td=""><td>Parts AP and EN unit answer (vision) Parts AP and AP and Vision) <t< td=""><td>Intern Intern Intern<</td><td>Part of the distribution of the sector of the sector</td><td>Number of a Victor of a victor and set of victor and victor and set of victor and victor and victor and v</td><td>Data Data <thdata< th=""> Data Data <thd< td=""></thd<></thdata<></td></t<></td></thd<></thdate<> | Parts AP and EN unit answer (vision) Parts AP and AP and Vision) Parts AP and AP and Vision) <t< td=""><td>Intern Intern Intern<</td><td>Part of the distribution of the sector of the sector</td><td>Number of a Victor of a victor and set of victor and victor and set of victor and victor and victor and v</td><td>Data Data <thdata< th=""> Data Data <thd< td=""></thd<></thdata<></td></t<> | Intern Intern< | Part of the distribution of the sector | Number of a Victor of a victor and set of victor and victor and set of victor and victor and victor and v | Data Data <thdata< th=""> Data Data <thd< td=""></thd<></thdata<> |



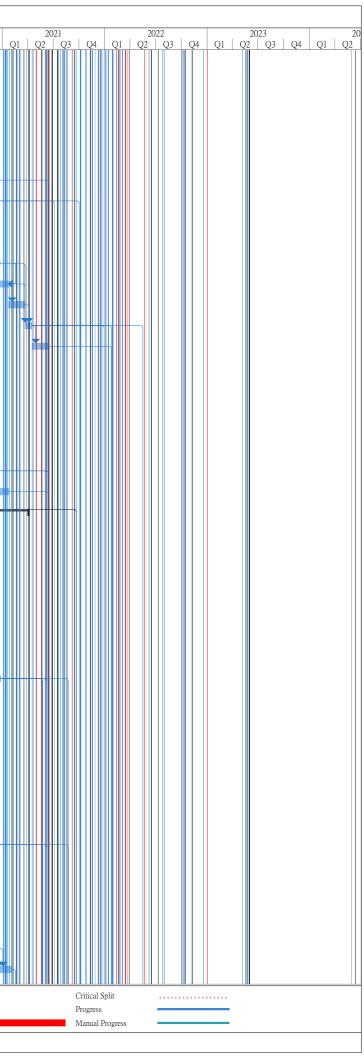
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|------------|---------------------------------------|--|-----------------------------|--------------------|-----------------------|------------------------|--------------|----------------------------|--|-----------------------------|--------------|--|----------------|------------------|-----------------------|---------------|--------|----|
| 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 | | | Manual Sur Manual Sur | nmary Rollup 💼 nmary 🛛 🕇 | | Finish-only External Task | S | ב | Dea Criti | dline ical | | |
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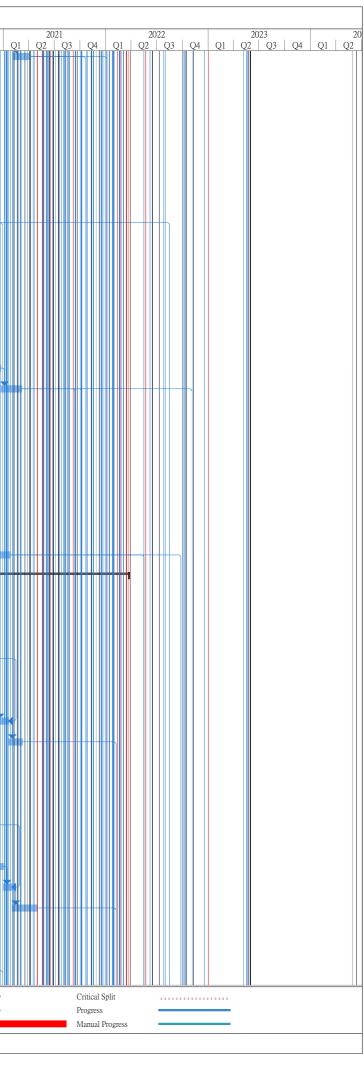
|)] | Fask Name | | Duration | Actual | Remaining | Physical % | Early Start | Early Finish | ract No. ED/ | Actual Finish | | Late Finish | Total | TRA | Predecessors | 20 |)20 |
|----------|---|---|-------------------------------|------------|-------------|--------------------------|--------------|--------------|---------------------------|------------------------|----------------|--|-----------|----------|---------------|---------------------|--------|
| 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 | | | Finish-only External Tasl | CS | - | | adline tical | |
| | | | | | | | | | D | 10 of 36 | | | | | | | |



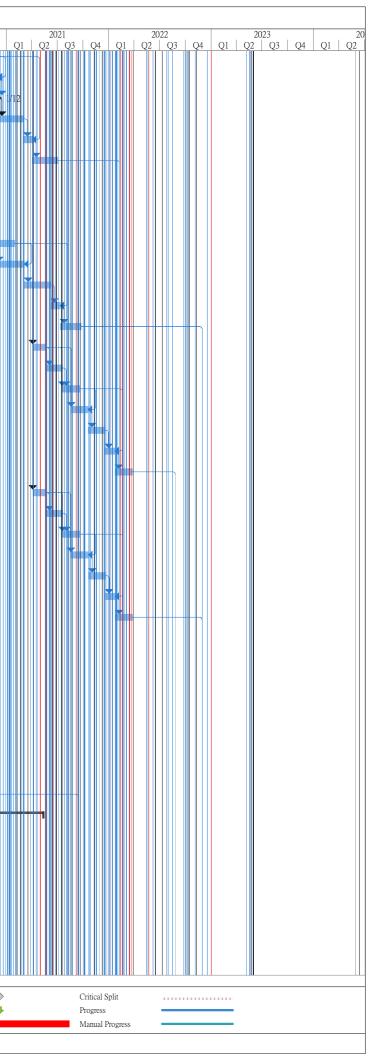
|) m | ngk Nama | | Dur-4 | A office1 | Domoinin | Dhunin -1 /1 | Ecoler Ct. | | Actual Start | | | Loto Einit | Tot-1 | TDA | Dradaac | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 00 |
|-----------|---|--|--------------|-------------|-----------------------|------------------------|--------------|--------------|--------------|---------------|--------------|--------------|----------------|----------|----------------|---|-------------|
| | 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 | |



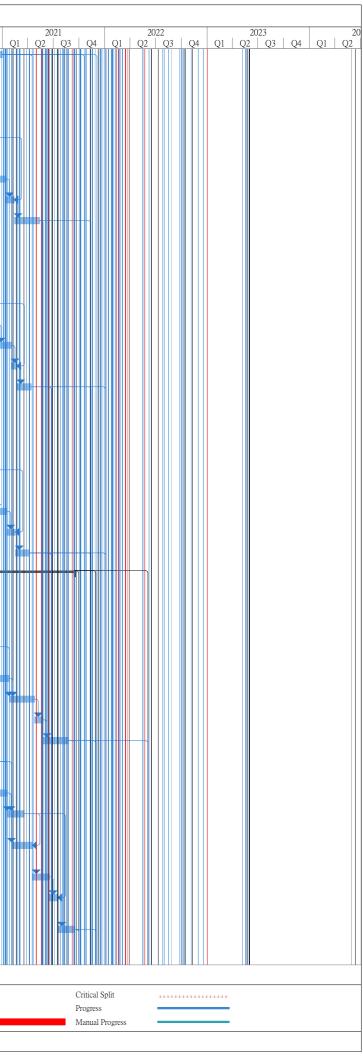
| T | ack Nomo | | Durat: | A atural | Domeinin - | Dhucical ff | Early Ct+ | | ract No. ED/ | | | Lota Einich | Total | TD A | Dradesses | | 2020 | |
|-------|--|---|----------------------|--------------------|-----------------------|--------------------------|--------------|--------------|----------------------------|-------------------------|--------------|---------------------------|----------------|----------|------------------------|--------------------|--------------------|---|
| | 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 | 1 . | | |
| 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 | | - ' | |
| 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 | . | | |
| 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 | | |



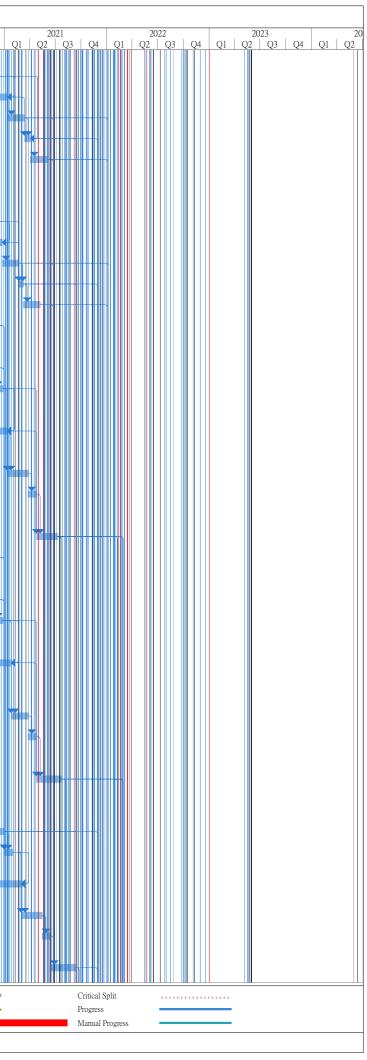
|) Ta | ack Name | | Disenti | Actual | Romainin - | Dhusical n | Egely Ctart | | Actual Start | | | Late Finish | Total | ТР / | Dradaaaaa | | 2020 |
|------------|--|---|------------------------|-------------|-----------------------|------------------------|----------------------------|----------------------------|--------------|----------------|----------------------------|-----------------------------|----------------|----------|----------------------------|--------|-------------|
| | 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 | |



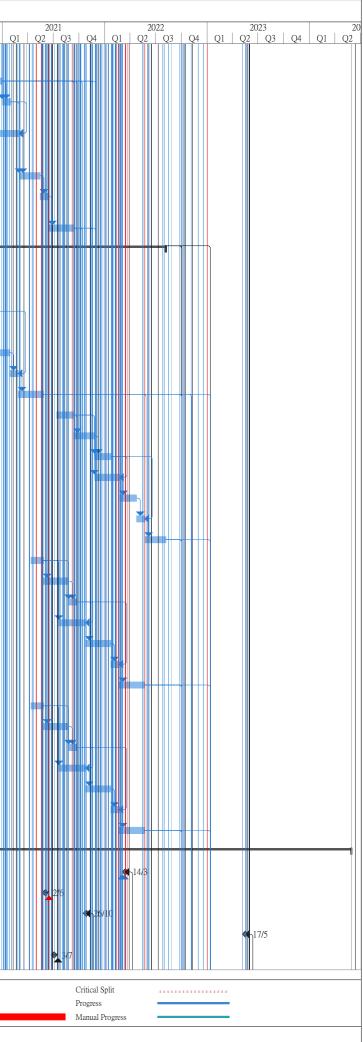
| Tas | sk Name | Duration | | Remaining | Physical % | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total | TRA | Predecessors | 20 | | |
|-----|--|-------------|--------------------|---------------------|--------------------------------|--------------|--------------|--------------|------------------------|--------------|--------------|-------------------|----------|----------------------|-------------|---------|----|
| 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<2)& 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 | | - | | |
| 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 | | • | Inderive N | mestone V | | Duration-Oli | . y | | Statt=OIIIy | | - C | EXIC | 11101 IVIII | ,scollC | 2 |



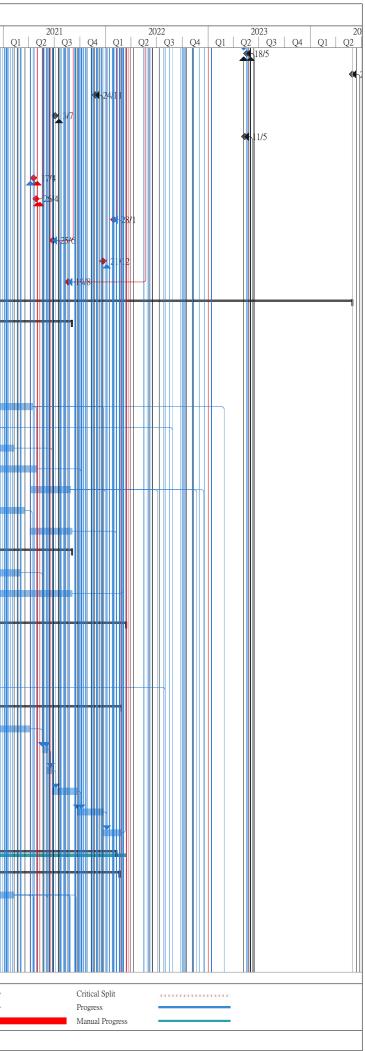
|) Ta | ool: Nomo | T | ion A -t 1 | D ' | Dh! - 1 01 | Early Co. | | | ED/2018/01 k | , | Lota Ela' 1 | T-4-1 | TD A | Drade | | 000 |
|----------|--|--|------------------------|----------|------------------------|--------------|--------------|---------|----------------|--------------|--------------|----------------|----------|---|--------|------|
| | 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 ma toilet 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 M | 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 | |



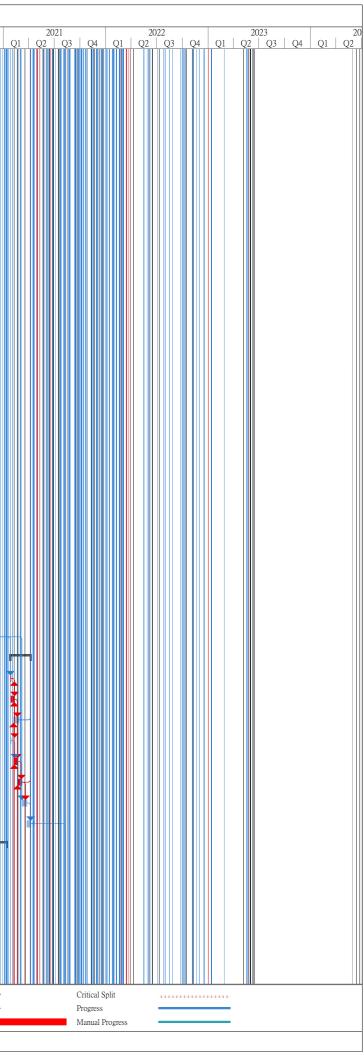
|) [| Fask Name | Duration | Actual | Remaining | Physical % | Early Start | | ract No. ED/ Actual Start | | , , , , , , , , , , , , , , , , , , , | Late Finish | Total TRA | Predecessors | 202 | 20 |
|---------------------|---|-------------------------------|------------|-------------|------------------------|--------------|--------------|--|----------------|---------------------------------------|------------------------------------|-------------------|---|----------|--------|
| 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 days | 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 | | | |
| 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 days | 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 days | days 665 | | |
| 67 | Prepare DDA for Roadside Landscaping Softworks and ICE certification (Final) | 30 days | 0 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 days | 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 | | |
| 73 | (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 days | days 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 | 0 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 | 0 days | 90 days | 0% | Thu 27/5/21 | Tue 24/8/21 | NA | NA | Fri 29/10/21 | Wed 26/1/22 | 155 days 0.5 days | 676 | | |
| 3 | Prepare AIP for soft landscaping and ICE certification (Final) | 30 days | 0 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 days | 90 days | 0% | Sun 24/10/21 | Fri 21/1/22 | NA | NA | Mon 28/3/22 | Sat 25/6/22 | 155 days 0.5 days | days 679 | | |
| 81 | Prepare DDA for Soft Landscaping and ICE certification (Final) | 30 days | 0 days | 30 days | 0% | Sat 22/1/22 | Sun 20/2/22 | NA | NA | Sun 26/6/22 | Mon 25/7/22 | 155 days 0 days | 678FF+15 | | |
| 82 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 90 days | 0 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 | | |
| 33 | Prepare AIP for Hard Landscaping and ICE certification (Draft) | 45 days | 0 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 | | | |
| 584 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 90 days | 0 days | 90 days | 0% | Thu 27/5/21 | Tue 24/8/21 | NA | NA | Fri 29/10/21 | Wed 26/1/22 | 155 days 0.5 days | 683 | | |
| 585 | Prepare AIP for Hard landscaping and ICE certification (Final) | 30 days | 0 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 | 683,684 | | |
| 586 | Prepare DDA for Hard 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 | 683,685FF+30 | | |
| 687 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 90 days | 0 days | 90 days | 0% | Sun 24/10/21 | Fri 21/1/22 | NA | NA | Mon 28/3/22 | Sat 25/6/22 | 155 days 0.5 days | days 686 | | |
| 588 | Prepare DDA for Hard Landscaping and ICE certification (Final) | 30 days | 0 days | 30 days | 0% | Sat 22/1/22 | Sun 20/2/22 | NA | NA | Sun 26/6/22 | Mon 25/7/22 | 155 days 0 days | 685FF+15 | | |
| 689 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 90 days | 0 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,687 688 | | |
| 590 | 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 | -13 days 0 days | 1105FF,1438,73 | | |
| 92 | Section 2 | | 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 | 1127 | | |
| 93 | 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 | 1172FF | | |
| 94 | Section 4 | | 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 | 1133FF | | |
| 95 | Section 5 | | 0 days | 0 days | 0% | Sat 3/7/21 | | NA | NA | Mon 5/7/21 | Mon 5/7/21 | 2 days 0 days | 1222 | | |
| | | | | | | | | | | | | | | | |
| tle [.] Re | v.11 Prog with Progress | Summary | | | Inactive N | Ailestone 🔷 | | Duration-or | ly | | Start-only | C | Exter | mal Mile | estone |
| | 2-May-20 | Project Sumi Inactive Tasl | | | Inactive S Manual T | | | Manual Sur Manual Sur | nmary Rollup 🗧 | | Finish-only External Task | 3 | Dead | | |
| | IVIIICSIUIR V | macuve 188 | n | | ividiludi 1 | ωA | | • wiandai Sul | | | LAULIIAI 1 dSF | | Criu | *** | |



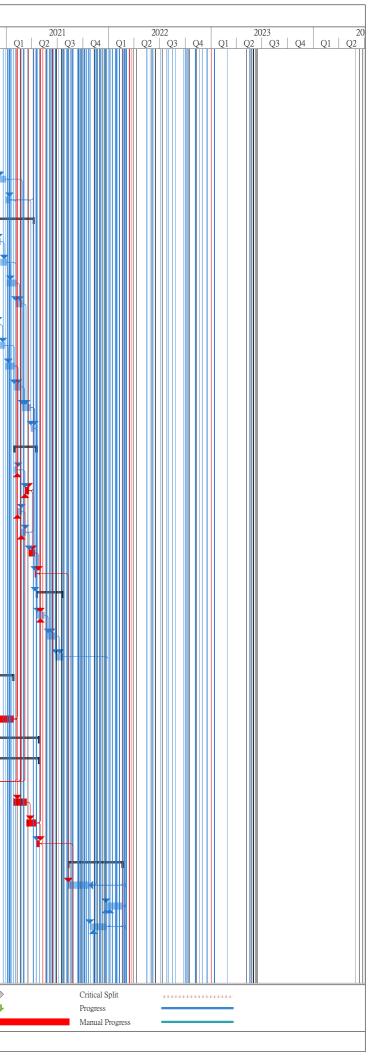
|) | Task Name | | Duration | Actual | Remaining | Physical % | Early Start | | tract No. ED/ | Actual Finish | - | Late Finish | Total | TRA | Predecessors | 202 | 20 | |
|-----|---|---|--------------|-------------|---------------|------------|--------------|-----------------------------|---------------|----------------|--------------|---------------|----------|----------|-----------------|----------------|-------|-----|
| | | | | Duration | Duration | Complete | | | | | | | Slack | | | | Q3 | |
| 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, | | | |
| 697 | 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 | | | |
| 98 | 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 | | | |
| 99 | 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 | | | |
| 00 | 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 | | | |
| 01 | 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 | | | |
| 04 | 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 | | | |
| 05 | 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 | s75.67 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? | | | _ | ₩ | ┦ |
| 09 | Procurement of Materials and Equipm | ents | 615 days | 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 | | | \blacksquare | ₩ | 4 |
| 10 | Office Accommodation | | 21 days | | 0 days | 100% | Thu 8/8/19 | Fri 20/12/19 | Thu 8/8/19 | Fri 20/12/19 | Thu 8/8/19 | Fri 20/12/19 | 0 days | | | | | |
| 10 | 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 | | | - |
| 11 | Lift Comment & Approval | | 21 days | | 21 days | 0% | Sun 27/9/20 | Sat 20/9/20 Sat 17/10/20 | | NA | Thu 8/10/20 | Wed 28/10/20 | | 0.5 days | | | | I |
| | | | | | - | | | | | | | | | | | | | ľ |
| 13 | Lifts ((5 nos) | 1 | 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 | | | | 1 |
| 15 | Elevated landscape deck soffit pane | | 120 days | | 120 days | 0% | Mon 14/9/20 | Sat 6/2/21 | NA | NA | Thu 4/2/21 | Mon 5/7/21 | | 30 days | | | | ł |
| 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 | | | | III | - |
| 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 | | | | |
| 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 | | | ++ | ₩ | - |
| .4 | 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 | •. | | |
| .7 | 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 | | | | |
| 9 | 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 | 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 | | | |
| 3 | 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 | _ | · 1 .) (1110)7 1444 7 | - | - | - | | | | | | | | | | 152 | | | |
| | 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 | | | | | 1 |
| 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 | | | | | |
| 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 | | | | |
| 8 | 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 | | | |
| | ou 11 Drog with Drog | Task | Summary | | | Inactive N | filestone 🔷 | | Duration-on | ly | | Start-only | | C | Exter | nal Mile | stone | ; |
| | ev.11 Prog with Progress 22-May-20 | Split | Project Sum | | 1 | Inactive S | ummary | | Manual Sun | nmary Rollup 🗧 | | Finish-only | | 3 | Dead | line | | |
| | - | Milestone 🔶 | Inactive Tas | de la | | Manual T | a ala | | Manual Sun | | | External Task | | | Critic | -01 | | |



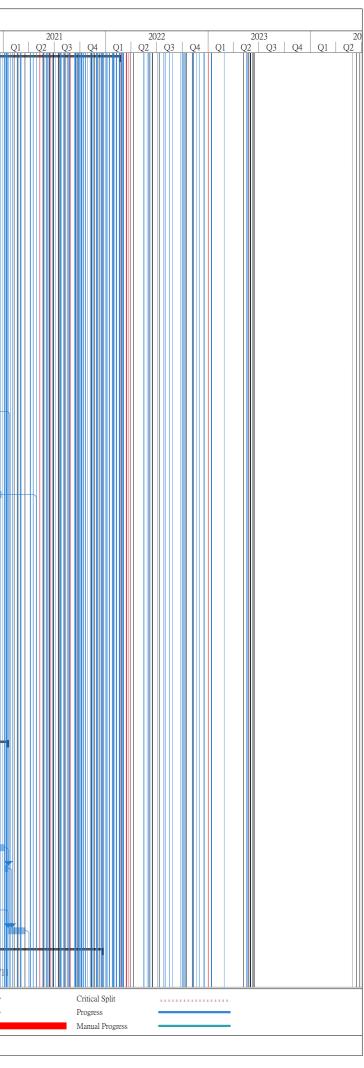
| D Tas | isk Name | | Duration | Actual | Remaining | Physical % | Early Start | | Actual Start | 2018/01 KT | | Late Finish | Total | TRA | Predecessors | 202 |
|-----------|---|---|------------------------|--------------------|--------------------|------------------|------------------------|--------------|---------------------------|-------------------------|--------------|---------------------------|-----------------|----------|-----------------------|------------------|
| 740 | | rn ELS Cofferdam (assume 105m long) | | Duration 8 days | Duration 0 days | Complete 100% | Tue 11/2/20 | | Tue 11/2/20 | Wed 19/2/20 | | Wed 19/2/20 | Slack 0 days | 0.5 day | 737,739 | Q2 |
| | | | | | | | | | | | | | | | 151,159 | |
| 741 | Excavattion with Shoring and include Sand Raplacemnet Te | 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 | boring 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 & Colum | 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 | | n 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 | truction 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 | in Casted and Formwork & Falsework upto Soffit of | - | - | 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) | truction with Formwork & Falsework Erection(8) | | | 12 days | 0% | Wed 8/7/20 | | NA | NA | Sat 4/7/20 | Fri 17/7/20 | -3 days | | 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 | NA | Sat 6/6/20 | Tue 30/6/20 | -3 days | | days 754 | |
| 756 | Top Slab (6)+(7) | truction with Formwork & Falsework Erection (8) | - | - | 14 days | 0% | Mon 6/7/20 | | NA | NA | Thu 2/7/20 | Fri 17/7/20 | -3 days | | 755,751SS+4 | |
| 757 | Backfill (9) | ardenon whitronnwork & raisework Erection (0) | 12 days | | 12 days | 0% | Wed 22/7/20 | | NA | 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 | NA | Sat 1/8/20 | Fri 7/8/20 | -3 days | - | | |
| 759 | _ | | · · | | - | | | | | | | | | 0.5 days | 151 | |
| | 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 | | 540 55000 4 1 | |
| 760 | Bay No.5 Base Slab with | - · · | - | 0 days | 8 days | 0% | Thu 10/9/20 | | NA | NA | Mon 14/9/20 | Tue 22/9/20 | 3 days | 1 day | 749,753SS+4 da; | |
| 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) | truction with Formwork & Falsework Erection & | 12 days | 0 days | 12 days | 0% | Fri 30/10/20 | Thu 12/11/20 | | NA | 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 | Bay No.6: Wall & Colum (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 | 764 | |
| 766 | Bay No. 6: Wall & Colum Top Slab(6)+(7) | 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 | 765 | |
| 767 | Bay No. 6: Top Slab Cons Removal (8) | truction 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 | etpile | 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 | | 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 | | n 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 | truction 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 | | 15 days | | 15 days | 0% | Mon 17/8/20 | Wed 2/9/20 | | NA | Tue 25/8/20 | Thu 10/9/20 | 7 days | - | 778FS-21 days | |
| 783 | - | n with Soffit (upto +4.6mPD) (include Wall Former) | - | | 17 days | 0% | Thu 3/9/20 | Tue 22/9/20 | | NA | Wed 7/10/20 | Tue 27/10/20 | 27 days | | 782 | |
| | (3)+(4)+(5) | | | | | | | 22.720 | | | | | aujs | | | |
| | .11 Prog with Progress | | Summary Project Sum | marv | | | Milestone 🔷 Summary | | Duration-or Manual Sur | ıly 📃 nmary Rollup 💼 | | Start-only Finish-only | | C] | Exter | nal Mile line |
| as of 22- | -May-20 | | nactive Tas | | - | Manual | - | | Manual Sur | | | External Task | | - | Criti | |



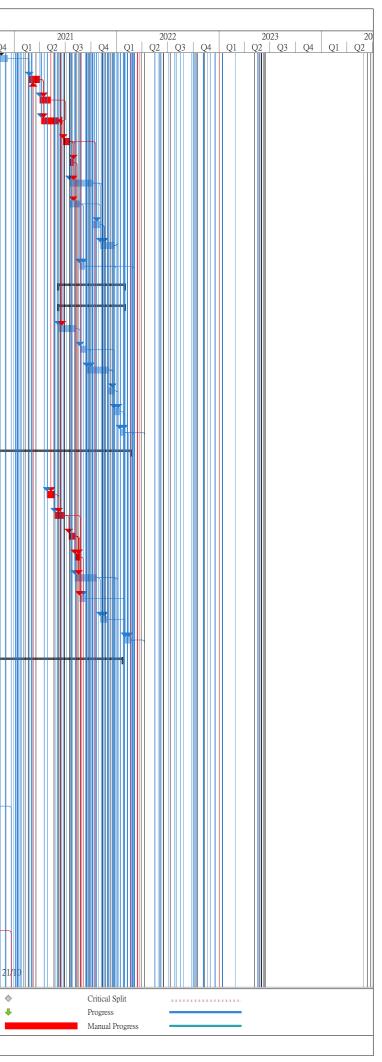
| D Tas | sk Name | Duration | Actual | Remaining | Physical % | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total | TRA | Predecessors | 2 |
|-----------|---|------------------------|----------|-----------|-------------|--------------|--------------|---------------------------|------------------------|--------------|---------------------------|----------|----------|-----------------|-------------------|
| | | | 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 davs | 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 | |
| 795 | (3)+(4)+(5) Bay No. 5: Wall & Column Casted and Formwork & Falsework upto Soffit o | | - | | 0% | Sat 2/1/21 | | NA | NA | Wed 6/1/21 | Fri 5/2/21 | | - | 794 | |
| | Top Slab(6)+(7) | | | 27 days | | | | | | | | | 1 day | | |
| 796 | Bay No. 5: Top Slab Construction with Formwork & Falsework Erection & Removal (8) | 17 days | 0 days | 17 days | 0% | Wed 3/2/21 | | 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 Forme: (3)+(4)+(5) | 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 | 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 davs | 0 days | 17 days | 0% | Fri 29/1/21 | Sat 20/2/21 | NA | NA | Sat 6/2/21 | Mon 1/3/21 | 7 days | 1 day | 798,799 | |
| 801 | Removal (8) Bay No.5&6: Backfilling upto +3.0mPD | | | | 0% | Fri 26/2/21 | | NA | | Tue 2/3/21 | Wed 31/3/21 | | | 790,800,796 | |
| | | 26 days | - | 26 days | | | | | NA | | | | 1 day | | |
| 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 days | 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 | | 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 | CH1444.7-1560 At grade road works | | | 45 days | 0% | Wed 22/12/21 | | NA | NA | Wed 5/1/22 | Tue 1/3/22 | | 1 day | 1293,826,219 | |
| | - | 45 days | | | | | | | | | | | | | |
| 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 | | |
| | Task | Summer | | | - Incode: 3 | Vilestone 🔷 | | Dunati | | | Stort and | | г | E - | emal Mi |
| | 11 Prog with Progress Task Split | Summary Project Sum | ımary | | Inactive M | | | Duration-on Manual Sun | ly 📃 1mary Rollup 🗖 | | Start-only Finish-only | | C] | | ernal Mi dline |
| as of 22- | May-20 Spin Milestone | Inactive Tas | | đ | Manual T | | | Manual Sun | | | External Task | IS . | - | Crit | |
| | | | | | | | | | - | | | | | | |



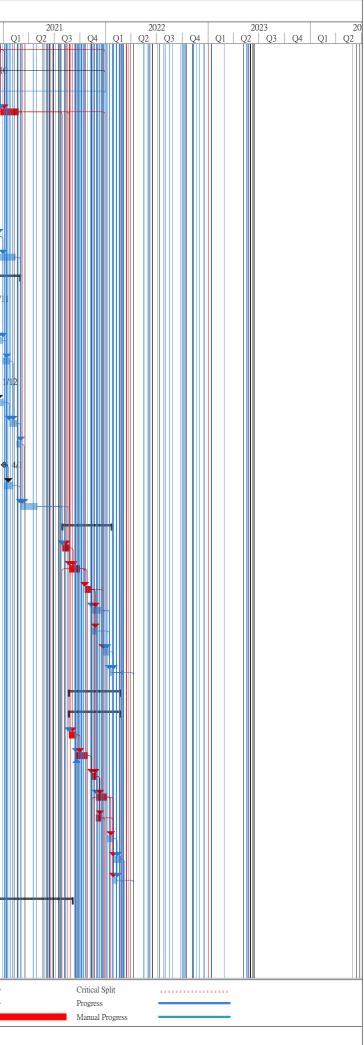
| D Task I | Jame | Duration A | Actual | Remaining | Physical % | Early Start | | ract No. ED/ | | | Late Finish | Total | TRA | Predecessors | 20 |)20 |
|------------------------------|---|-----------------------|-------------|--------------|--------------------------|----------------------------|--------------|---------------------------|------------------------|--------------|---------------------------|----------|----------|-----------------|-----------------|-------------|
| | | 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 | | | | T |
| 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 | | k 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 | , | | | \square |
| 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 _{al} . | <u> </u> | | | Taxa at a b | 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 |
| | | | | | | - | | | | | - | | | | | |



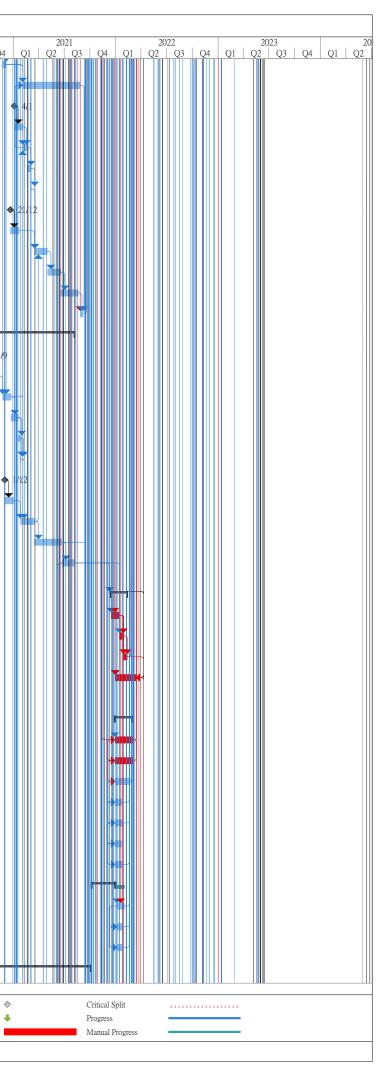
|) (| Task Name | | Duration | Actual | Domoining | Dhusical 0/ | Farly Stout | Forly Einish | Actual Start | Actual Emi-1 | Lata Start | Late Einich | Total | TPA | Predecessors | 0 | 020 |
|----------|--|--|-----------------------------|--------------------|-----------------------|--------------------------|--------------|--------------|----------------------------|---------------|--------------|---------------------------|----------------|---------|-----------------|--------------------|-------------|
| | 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 | | |
| | | | | | | | | | | | | | | | | | _ |



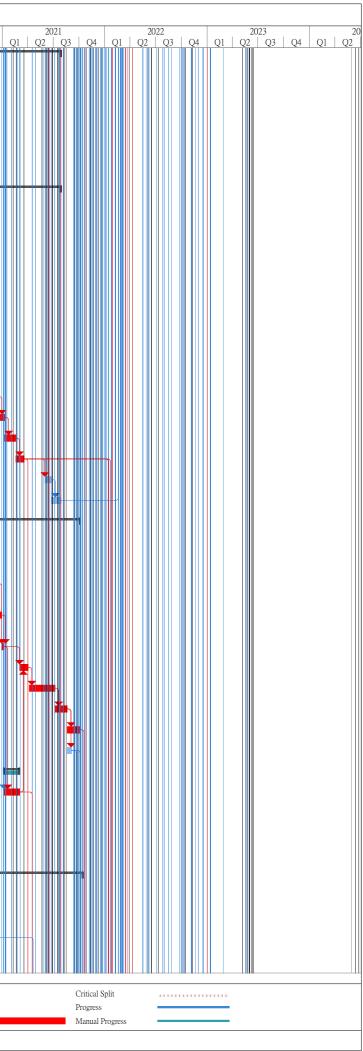
|) Task | Name | | Duration | Actual | Remaining | Physical % | Early Start | | Actual Start | 2018/01 KT | | Late Finish | Total | TRA | Predecessors | 20 |)20 |
|---------------------------|---------------------------------|---|--------------|----------|-----------|------------|--------------|--------------|--------------|----------------|--------------|---------------|----------|----------|---|----------|-----------|
| | | | | 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 | | |



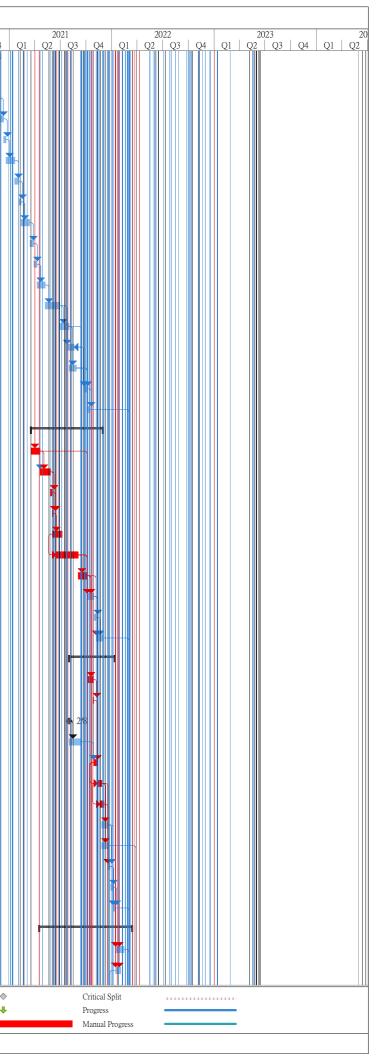
| 1_ | 1 37 | | D : | | D · · | TN | B 1 0 | | ract No. ED | | | T . TH | m . 1 . | D.4 12 - | | 000 |
|-------|---|--|---------------|--------------------|-----------------------|------------------------|--------------|--------------|--------------|--------------|--------------|---------------|-------------------|----------------|------------|---------------|
| 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 | | | |
| | | | - | | - | | | | | | | | | | | |
| 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 | |



| Name | Duration | Actual | Remaining | Physical % | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total | TRA | Predecessors | 202 | 20 |
|--|--|--|---|---|--|--|---|--|---|---|--|---|--|---|--|
| | | Duration | Duration | Complete | | | | | | | Slack | | | | |
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| Rd | | - | | | | | | | | | | | 1000 1010 1011 | | |
| Drive Sheet Pile (380m, 15,000m penetration depth) Prod. Rate by 2 teams (around 125m penetration depth per day per team) | 39 days | 39 days | 0 days | 100% | Fri 22/11/19 | Thu 9/1/20 | Fri 22/11/19 | Thu 9/1/20 | Fri 22/11/19 | Thu 9/1/20 | 0 days | 0.5 days | 1009,1010,1011 | | |
| Pumping Test | 120 days | 75 days | 45 days | 0% | Thu 20/2/20 | Fri 17/7/20 | Thu 20/2/20 | NA | Thu 20/2/20 | Sat 18/7/20 | 1 day | 0.5 days | 1012 | | |
| CH1560 - CH1720 North Depress Road | 449 days | 98.66 days | 350.34 days | 0% | Mon 20/1/20 | Tue 27/7/21 | Mon 20/1/20 | NA | Mon 20/1/20 | Tue 1/3/22 | 177 days | ; | | ++- | ╇╼┥ |
| Excavation with Shoring Installation - Prod Rate: 270m3/d/team. | 145 days | 98 days | 47 days | 0% | Mon 20/1/20 | Sat 18/7/20 | Mon 20/1/20 | NA | Mon 20/1/20 | Sat 18/7/20 | | | 1012 | | |
| (~36,611m3). 1 team CNCE No. 73 - April 2020 Inclement Weather | | | 8 days | 0% | Mon 20/7/20 | Tue 28/7/20 | NA | NA | Tue 7/7/20 | Wed 15/7/20 | -11 days | | 1015.73 | - | |
| | | | | 0% | Wed 29/7/20 | Fri 31/7/20 | NA | | Thu 16/7/20 | Sat 18/7/20 | | | | | ₽ |
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| Slab | | | | | | | | | | | | | | | |
| Backfilling and 3rd Level Shoring Removal | 18 days | 0 days | 18 days | 0% | Thu 29/10/20 | Wed 18/11/20 | NA | NA | | Thu 5/11/20 | -11 days | | 1022 | | |
| Structure Works Below 2nd & 3rd Levels Shoring | 23 days | 0 days | 23 days | 0% | Thu 19/11/20 | Tue 15/12/20 | NA | NA | Fri 6/11/20 | Wed 2/12/20 | -11 days | | 1023 | | |
| Backfilling and 2nd Level Shoring Removal | 18 days | 0 days | 18 days | 0% | Wed 16/12/20 | Fri 8/1/21 | NA | NA | Thu 3/12/20 | Wed 23/12/20 | -11 days | | 1024 | | |
| Remaining Wall Construction | 30 days | 0 days | 30 days | 0% | Sat 9/1/21 | Tue 16/2/21 | NA | NA | Thu 24/12/20 | Sat 30/1/21 | -11 days | | 1025 | | |
| Backfill & extract sheet pile (CH1560 to CH1720) | 26 days | 0 days | 26 days | 0% | Wed 17/2/21 | Thu 18/3/21 | NA | NA | Mon 1/2/21 | Fri 5/3/21 | -11 days | 1 day | 1026 | | |
| Emergency walkway & median barrier installation | 20 days | 0 days | 20 days | 0% | Tue 1/6/21 | Thu 24/6/21 | NA | NA | Mon 3/1/22 | Tue 25/1/22 | 177 days | 2 days | 1027 | | |
| Parapet installation | 27 days | 0 days | 27 days | 0% | Fri 25/6/21 | Tue 27/7/21 | NA | NA | Wed 26/1/22 | Tue 1/3/22 | 177 days | 3 days | 1028 | | |
| CH1720 - CH1850 (130m long) (2 x teams) | 477 days | 0 days | 477 days | 0% | Mon 15/6/20 | Mon 4/10/21 | NA | NA | Mon 15/6/20 | Mon 4/10/21 | 0 days | | | r- | _ |
| Drive sheet pile (approx. 17000m penetration depth, 380m/day) | 46 days | 0 days | 46 days | 0% | Mon 15/6/20 | Sat 8/8/20 | NA | NA | Mon 15/6/20 | Sat 8/8/20 | 0 days | 2 day | | | _ |
| Pumping Test | 22 days | 0 days | 22 days | 0% | Mon 10/8/20 | Thu 3/9/20 | NA | NA | Mon 10/8/20 | Thu 3/9/20 | 0 days | 1 days | 1031,1045 | | |
| CH1720 - CH1850 (130m long) (2 x teams) Top Portion: Excavation with | 42 days | 0 days | 42 days | 0% | Fri 4/9/20 | Sat 24/10/20 | NA | NA | Fri 4/9/20 | Sat 24/10/20 | 0 days | 2 day | 1032 | | |
| Shoring Installation = 23,000 cu.m. (320m3/d/team x 2) | | | | | | | | | | | | | | | |
| CH1720 - CH1850 (130m long) (2 x teams) Bottom Portion: Excavation with Shoring Installation = 23,876 cu.m. (250m3/d/team x 2) | 52 days | 0 days | 52 days | 0% | Tue 27/10/20 | Mon 28/12/20 | NA | NA | Tue 27/10/20 | Mon 28/12/20 | 0 days | 1 day | 1033 | | |
| Rock fill - Prod. Rate: (3,469m3) (160m3/d/team. 2 team) | 6 days | 0 days | 6 days | 0% | Tue 29/12/20 | Tue 5/1/21 | NA | NA | Tue 29/12/20 | Tue 5/1/21 | 0 days | 1 dav | 1033,1034 | | |
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| | | - | | | | | | | | | | | | | |
| ····· | | - | | | | | | | | | | 1 day | 1038 | | |
| | | - | | | | | | | | | - | | | | |
| Underground pump house structure | 45 days | 0 days | 45 days | 0% | Wed 6/1/21 | | | NA | | Tue 2/3/21 | 0 days | 3 day | 714,1035,262,28 | | |
| Underpass & South Depressed Road CH1850-1950 - (100m long) 8 bays x 13.5m lon | g 120 days | 65.36 days | 54.64 days | 0% | Wed 26/2/20 | Thu 23/7/20 | Wed 26/2/20 | NA | Wed 26/2/20 | Sat 8/8/20 | 14 days | | | + | 1 |
| Drive sheet pile (12,530m embedded length sheetpile) Prod. Rate 380m/team/day | 32 days | 32 days | 0 days | 100% | Wed 26/2/20 | Mon 6/4/20 | Wed 26/2/20 | Mon 6/4/20 | Wed 26/2/20 | Mon 6/4/20 | 0 days | 5 days | h | | |
| Pumping Test | 80 days | 29 days | 51 days | 36% | Fri 17/4/20 | Thu 23/7/20 | Fri 17/4/20 | NA | Fri 17/4/20 | Sat 8/8/20 | 14 days | 2 days | 1044 | - | ┛┛ |
| Underpass & South Depress Road (CH1850 to CH1950) | 539 days | 27.64 days | 511.36 days | 0% | Thu 23/4/20 | Wed 13/10/21 | Thu 23/4/20 | NA | Thu 23/4/20 | Tue 1/3/22 | 139 days | 5 | | ++ | |
| Excavation with Shoring Installation (Upper Portion) - Prod. Rate: 270m3/d/team. | 1 80 days | 24 days | 56 days | 23% | Thu 23/4/20 | Thu 30/7/20 | Thu 23/4/20 | NA | Thu 23/4/20 | Fri 4/9/20 | 31 days | 5 days | 1045SS+6 days 🕨 | ++ | ∎┐┨ |
| Excavation with Shoring Installation (Lower Portion) - Prod. Rate: 270m3/d/team | 1 65 days | 0 days | 65 days | 0% | Fri 31/7/20 | Fri 16/10/20 | NA | NA | Sat 5/9/20 | Mon 23/11/20 | 31 days | 5 day | 1047,1045FF+12 | | + |
| team 16,000m3) Rock fill - Prod. Rate: 160m3/d/team (1,745m3) | 7 days | 0 days | 7 days | 0% | Sat 17/10/20 | Sat 24/10/20 | NA | NA | Tue 24/11/20 | Tue 1/12/20 | 31 days | 1 day | days 1047,1048 | | |
| Blinding | 1 day | 0 days | 1 day | 0% | Tue 27/10/20 | Tue 27/10/20 | NA | NA | Wed 2/12/20 | Wed 2/12/20 | 31 days | 0.5 days | 1049 | | |
| | | - | | | | | | | | | | | | | |
| 1 Prog with Progress | Summary | | | Inactive N | Milestone 🔷 | | Duration-on | ly | | Start-only | | C | Extern | al Miles | stone |
| | Project Sum | marv | 1 | Inactive S | Summary | | Manual Surr | umary Rollup 🗖 | | Finish-only | | 1 | Deadli | ле | |
| Split Split | i toject buili | | | | - | | | | | | | | Doudin | | |
| | North Depressed Rd (CH1560-1720) Ground Monitoring Works Mobilization Complete the Diversition of Existing Overhang Cable along the North Depresse Rd Drive Sheet Pile (380m, 15000m presentation depth) Prod. Rate by 2 teams (around 125m penetration depth per day per team) Pumping Test CH1560 - CH1720 North Depress Road Excavation with Shoring Installation - Prod Rate: 270m3/d/team. (~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 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 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 7 days Mobilization 7 days Complete the Divertion of Existing Overhang Cable along the North Depressed Rd 1 day Pumping Test 120 days CH1560 - CH1720 North Depress Road 449 days Existing Proverball with Shoring Installation - Prod Rate: 270m34dheam. 454 days CH1560 - CH1720 North Depress Road 449 days Existing Proverball with Shoring Installation - Prod Rate: 270m34dheam. 454 days CNCE INS. 73 - April 2020 Inclement Weather 8 days May 2020 - Inclement Weather 3 days Base Slab and Wall Below 4th Level Shoring 25 days Base Slab and Wall Below 4th Level Shoring 25 days Basefilling and 3rd Level Shoring Removal 18 days Wall Construction (between 3rd and 4th levels Shoring) 26 days Basefilling and 2rd Level Shoring Removal 18 days Basefilling and 2rd Level Shoring Removal 18 days Parapet installation 27 days CH1720 - CH1850 (130m long) (2 x teams) 47 days CH1720 - CH1850 (130m long) (2 x teams) Top Portion: Excavation with Shoring Installation = 23.350 cum. (20m3/dheam x 2) 22 days CH1720 - CH1850 (130m long) (2 x teams) Top Portion: Excavation with Shoring Installation = 23.350 cum. (30m3/dheam x 2) 22 days </td <td>North Depresed Rd (CH1560-1720)S5d days 12.12 daysGround Monitoring Works7 daysMobilization7 daysComplete the Diveration of Existing Overhang Cable along the North Depressed Id for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration of Rd for North Depressed North Depr</td> <td>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 daysCNET Ros 7A - Agrill 2000 Indiciment Weather6 days0 days6 daysBackfilling and 3 da Level Shoring Removal18 days0 days18 daysBackfilling and 3 da Level Shoring Removal18 days0 days18 daysStarture Works Below Ahit & Tel Levels Shoring and Parametering20 days0 days20 daysBackfilling and Jati Level Shoring Removal18 days0 days20 days20 daysBackfilling and Jati Level Shoring Removal20 days0 days20 days20 daysBackfilling and Jati Level Shoring Removal20 days0 days20 days20 daysBackfilling and Jati Level Shoring Removal</td> <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 Diveration of Existing Orenhang Cable along the North Depresent 40 1 day 0 days 0 da</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<</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 Depresed Rd (CH1560-1720)S5d days 12.12 daysGround Monitoring Works7 daysMobilization7 daysComplete the Diveration of Existing Overhang Cable along the North Depressed Id for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration depth ped along the North Depressed Rd for out 250 meet ration of Rd for North Depressed North Depr | 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 - 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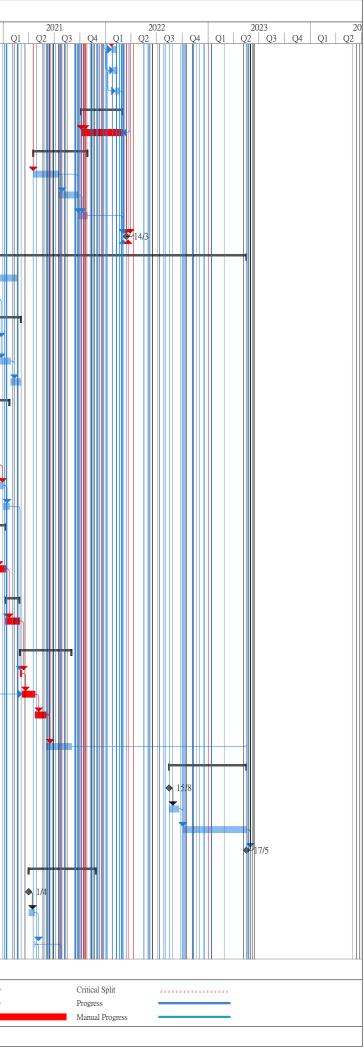


| Ta | ask Name | Duration | Actual | Remaining | Physical % | Early Start | Early Finish | Actual Stor | rt Actual Finis | sh Late Start | Late Finish | Total TRA | Predecessors | 20 |
|-----------|---|---------------|----------|-----------|------------|--------------|--------------|-------------|-----------------|---------------|--------------|-------------------|-----------------------|----------|
| | | | Duration | Duration | Complete | | | | | | | Slack | 1 1000000015 | 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 |

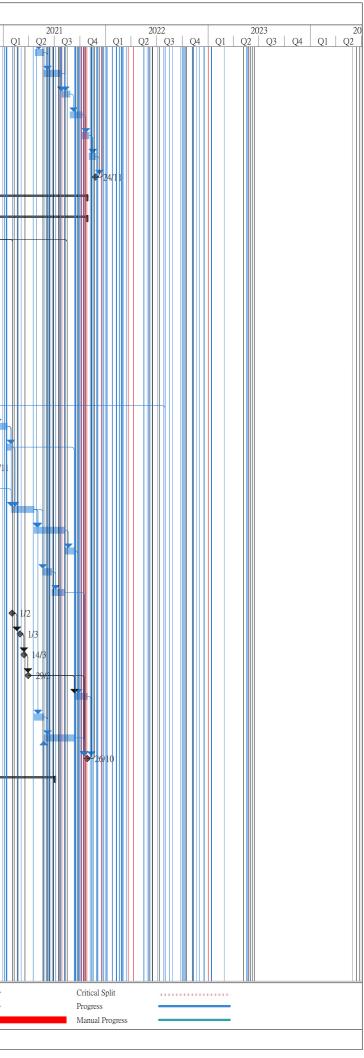


| 096 097 098 099 | sk Name HGC CATV | Duration 15 days | Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Star | t Actual Fini | an Law Start | Late Finish | Total Slack | TRA | Predecessors | 202 Q2 | |
|--------------------------|---|---------------------|----------|-----------------------|------------------------|--------------|--------------|-------------|---------------|--------------|--------------|----------------|---------|-----------------|-----------|---|
| 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 | | |
| | | | | | | | | | | | | | | | | _ |

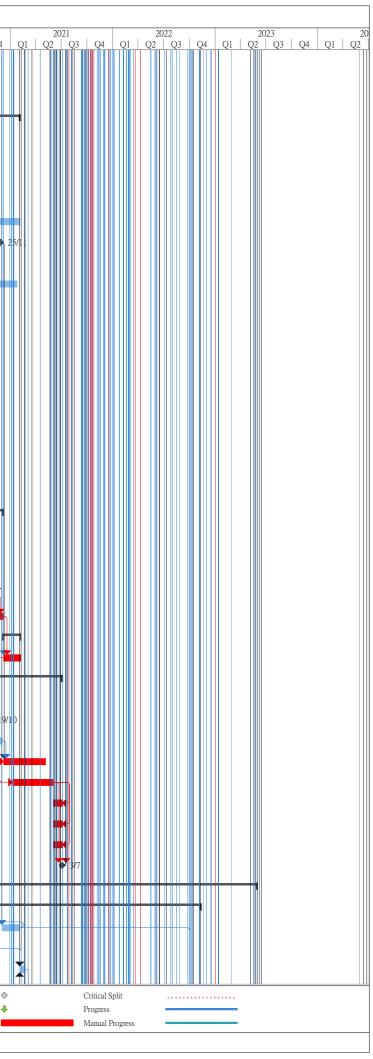
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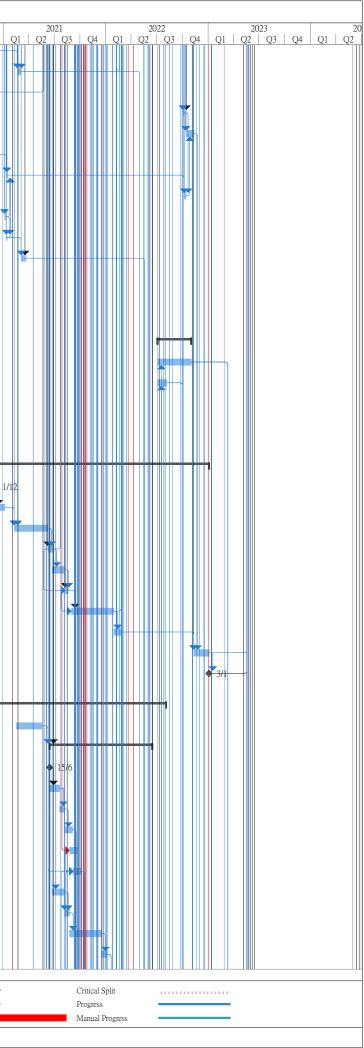
| | aalt Nama | During | A atri-1 | Domestin | Dlar:1 // | Earl- C. | East. E' | A atri-1 Cr | A at | h Loto Ct | Lote Eini 1 | T-+-1 | TDA | Deade | | 020 |
|------|--|------------------------|------------|-----------------------|------------------------|--------------|--------------|-------------------------|---------------------|--------------|---------------------------|----------------|-----------|------------------|-------------------|-----------|
| | 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 | | | ⊢+- | |
| 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 uligo | | 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 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 | |



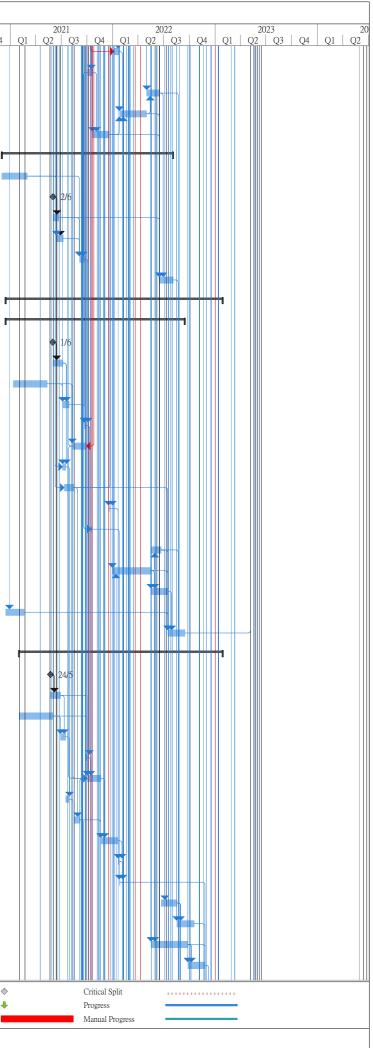
| | Parla Nama | Durat A 1 | Dem . | Dl | E.1 04 | E-d E' '' | A . to 1.0: | A -4 1 - | | L -4- 17' ' ' | T. 1 | TDA | Deral | | 20 | |
|---------|---|--------------------------|-----------------------|------------------------|--------------|--------------|-------------|----------------|--------------|---------------|----------------|---------|-----------------|----------|----------|---|
| | 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 | | |



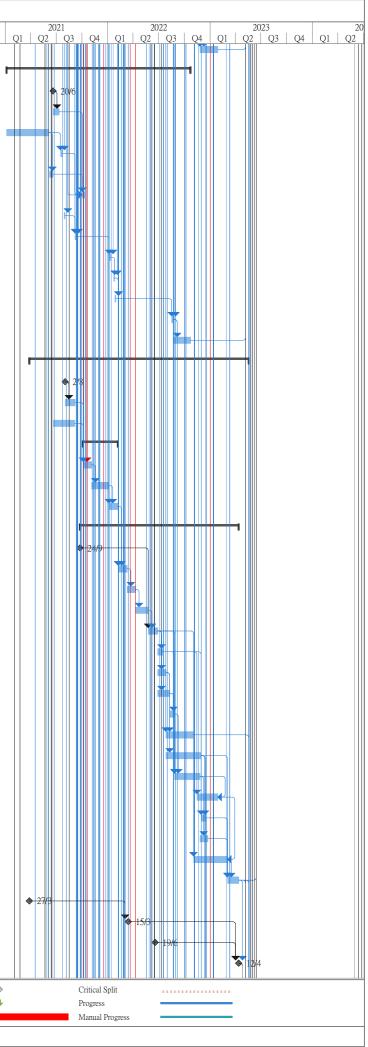
|) Ta | isk Name | Duration | Actual | Remaining | Physical % | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total | TRA | Predecessors | 202 | 20 | — |
|-----------|---|------------------------|----------|---------------------|----------------|--------------|--------------|---------------------------|------------------------|---------------------------|---------------------------|-------------------|----------|------------------|--------------------|----------|----|
| 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 | Q2 |
| 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 | | } | 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 | | | |
| | | 0 | | | | | | P : | | | 0 | | F | | | | _ |
| | .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 | | | |



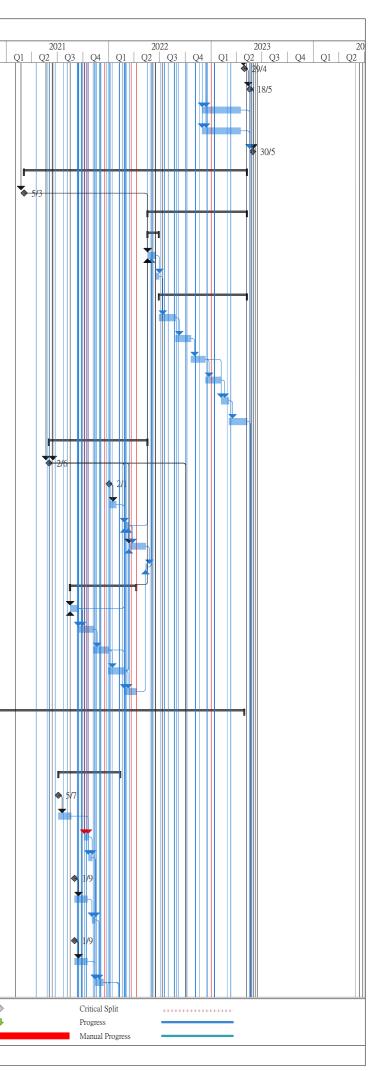
| D Ta | ask Name | Duration | A ctuol | Domaining | Dhysical (/ | Farly Ctout | | Actual Start | Actual Finish | , | Late Finish | Total TD A | Dradaoaccore | 20 |)20 |
|-----------|--|-----------------------------|--------------------|-----------------------|------------------------|--------------|--------------|--------------------------|-----------------------------|--------------|--|---|------------------|---------------|-------------|
| | | 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 🛛 🕇 | | Finish-only External Task | cs and a second | Dea | dline ical | |
| | | | | | | _ | | | - | | | | | | |



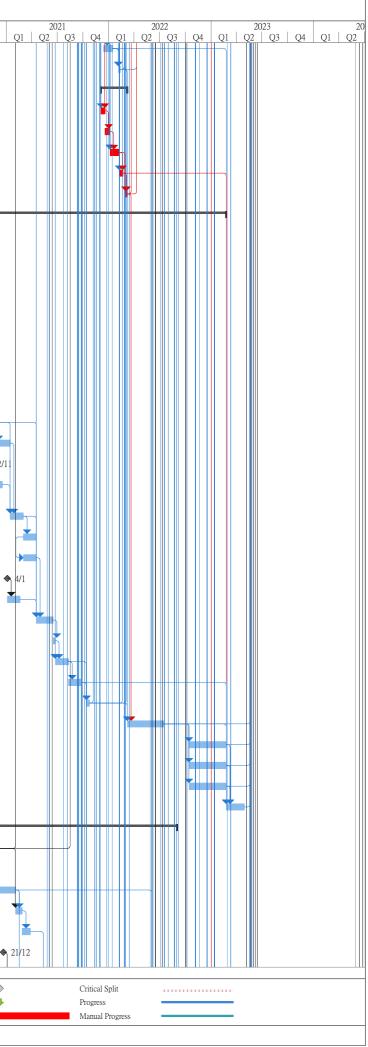
|) Ta | ask Name | Duration | Actual | Remaining | Physical 0/- | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total | TRA | Predecessors | 2020 |
|------------------------|--|---------------|----------|-----------------------|------------------------|--------------|--------------|--------------|----------------|--------------|---------------|----------|----------|------------------------|--------|
| | | | 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 [.] 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 |



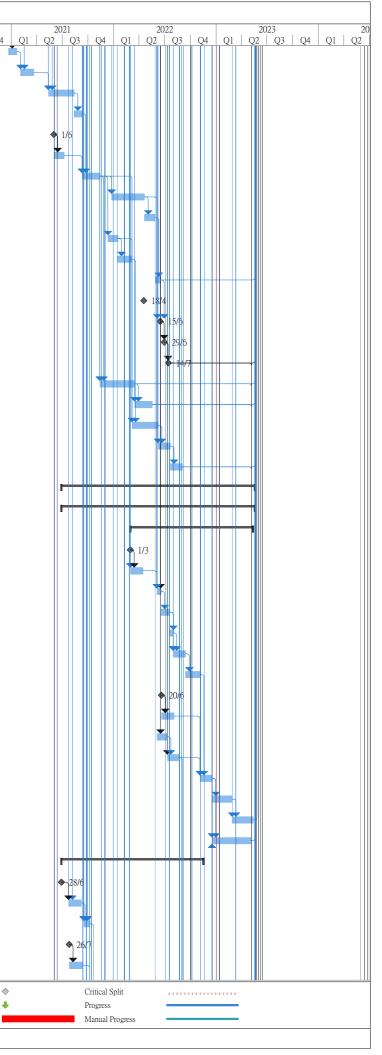
| D Ta | isk Name | Duration | | Remaining | Physical % | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total | TRA | Predecessors | |)20 |
|------------|---|--------------|--------------------|--------------------|----------------|----------------------------|--------------|--------------|---------------|--------------|---------------|-----------------|----------|------------------|----------|-----|
| 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+7'34 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 | | | | ŀ |
| 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 | SK. | | Manual Ta | ask | | Manual Surr | imary | | External Task | ks | | Criti | al | _ |



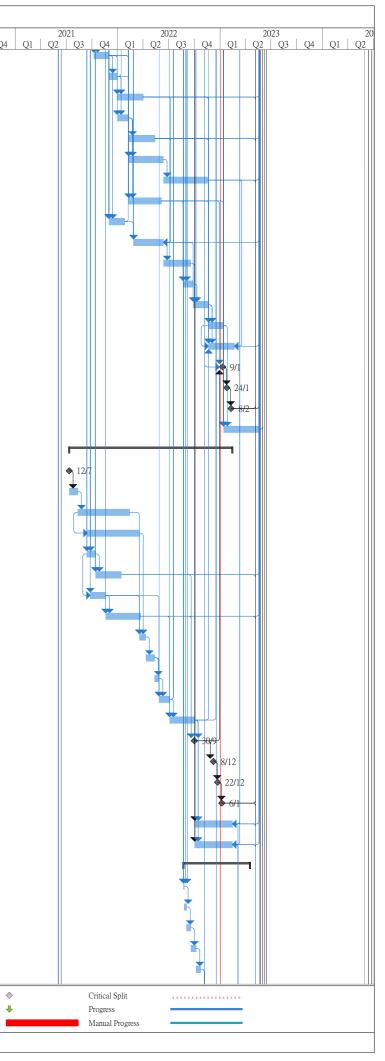
|) (| Task Name | Duration | Actual | Remaining | Physical % | Early Start | Early Finish | Actual Start | Actual Fini | sh Late Start | Late Finish | Total | TRA | Predecessors | 2020 | |
|-----------|--|--------------|----------|---------------------|----------------|-----------------------------|--------------|--------------|--------------|---------------|-----------------------------|-----------------|---------|------------------------|-------------|---------|
| 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 | | • | |
| 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 | | Finish-only | | 3 | Deadli | | • |
| | Milestone | Inactive Tas | SK | | Manual T | ask | | Manual Sur | nmary | 1 | External Tas | KS | | Critica | | |



| 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 Term 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 | | | |

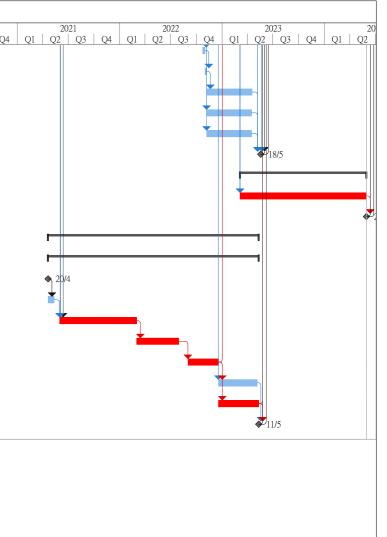


| | lealt Nome | Dur (| A at 1 | Darrein | Dh:- 1.01 | Earl- Cr | Cont | A | A -t. 1 T" | ah Lota Ctari | Loto Elari 1 | Total TD A | Dead | |
|-----------|--|--------------|--------------------|-----------------------|------------------------|--------------|--------------|--------|-------------------|---------------|---------------|--------------------|------------------------|---------|
|) 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 |
| Figure 1 Impact dust measurement setup.jpg(~1.2 MB) Figure 2 Impact noise measurement setup.jpg(~979 KB) Company: The Lok Sin Tong Benevolent Society Kowloon By Email (| Date 2022-10-13 15:52 Company: The Lok Sin Tong Benevolent Society Kowloon By Email Dear Sir/ Referring to the communication between your staff and me regarding the captioned work at 21 September 2022, the Lok Sin Tong Benevolent Society Kowloon was rejected the apply permission for Environmental Monitoring for Stage 4 of Kai Tak Development. Dut to electricity supply and security concern in Modular House , Environmental monitoring at Modular House is not allowed open. Should you have any enquires regarding the measurement, please do not hesitate to contact Thank you for your kind attention and I look forward to receiving your favourable reply soon. Yours Sincerely, Lee Wing Hang Ka Shing Management Consultant Limited |
| The monitoring location will be located on the roof top floor of The Lok Sin Tong Modular Social Housing Scheme at Junction of Sung Wong Toi Road and To Kwa Wan Road facing to Kai Tak Development area. 220V power supply is needed for 24-hour TSP monitor with size $0.5m$ (L) x $0.5m$ (W) x $1.4m$ (H). We will pay for the electricity. Similar setup photo records are shown in Figure 1 and Figure 2 for your kindly reference. Our technician will stay at the measurement point for 1-hour TSP and 30-mintue noise measurement. | |
| We hope to conduct site visit at 13:30 pm of 25 May 2022 (Wed). Should you have any enquires regarding the measurement, please do not hesitate to contact at | |
| | |
| Thank you for your kind attention and I look forward to receiving your favourable reply soon. | |
| Yours Sincerely, | |
| Lee Wing Hang Ka Shing Management Consultant Limited | |
| | |

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

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

| Propose alternative monitoring location: New Port Centre | |
|---|---|
| Status: No reply from building management office unit the reporting month | |
| Email on: 19 August 2022 | Email on: 15 September 2022 |
| | Subject New Port Centre - Apply permission for Environmental Monitoring for Stage 4 of Kai Tak Development |
| Subject RE: Kum Shing Group and Hong Kong Energy Infrastructure | |
| | То |
| Limited - Apply permission for Environmental Monitoring for | Bcc |
| Stage 4 of Kai Tak Development | Date 2022-09-15 15:35 |
| From | · Figure 1 Terrent dust encoursement actual inc. (1 2 MD) |
| | Figure 1 Impact dust measurement setup.jpg(~1.2 MB) Figure 2 Impact noise measurement setup.jpg(~979 KB) |
| To | Figure 3 expect Impact dust measurement setup.png(~267 KB) Figure 4 power supply plug.jpg(~2.6 MB) |
| Cc | Company: New Port Centre & Synergis management services limited |
| | By Email |
| Date 2022-08-19 08:36 | Dear Sir, |
| | Re: Environmental Monitoring for Kai Tak Development - Stage 4 Infrastructure at the former runway and south |
| Dear Mr. LEE, | 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 |
| As we do not have ownership to the roof, we'd suggest you to approach the management company of Newport | 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. |
| 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 Kok, Kowloon Bay, Kwun Tong and Cha Kwo Ling. Your premise, New Port Centre, is one of the proposed |
| <pre>https://www.synergis.com.hk/html/en/</pre> | 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- |
| best, | minute) would need to conduct continuously for 14 days, our propose baseline monitoring date is August 2022. |
| Paul 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 |
| | These your first where hind attended and T lack forward to another your forward a series |
| | 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 June 2023

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

June 2023

NOTE:

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

Air Quality Monitoring Station

AM3 - Sky Tower

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

Noise Quality Monitoring Station

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

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

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

July 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

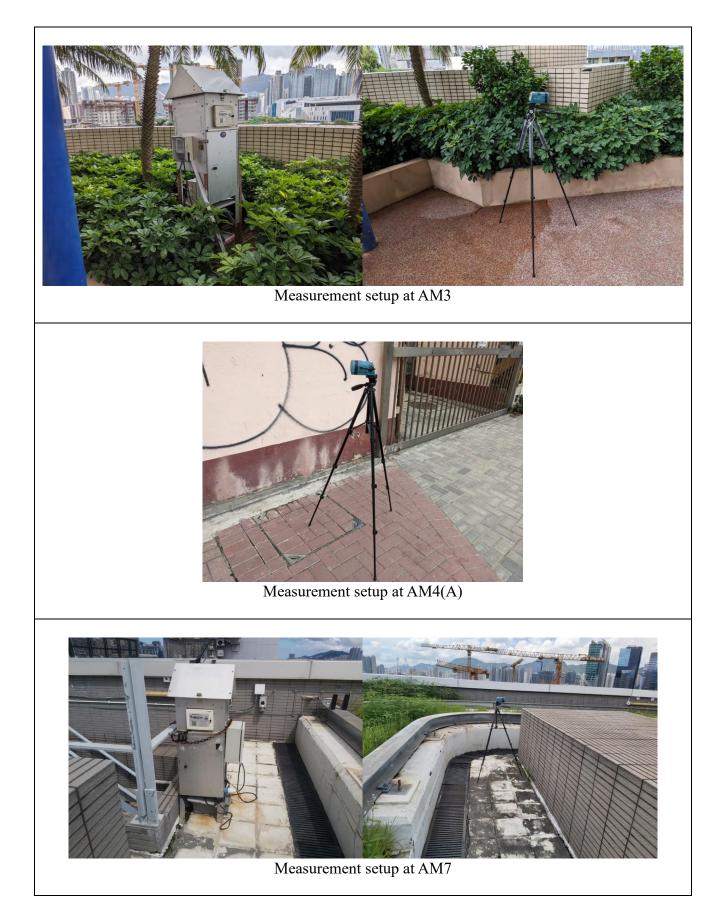
AM3 - Sky Tower AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop AM7 - Hong Kong Children's Hospital

Noise Quality Monitoring Station

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

M12 - Hong Kong Children's Hospital

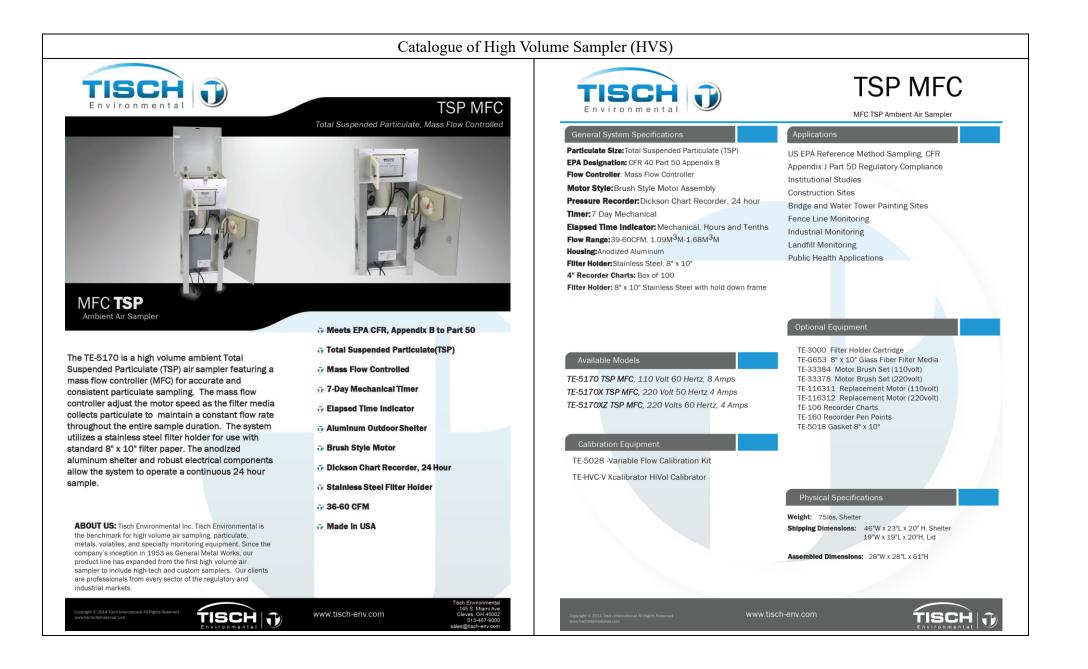
Appendix E – Photographic records



Impact Noise Monitoring



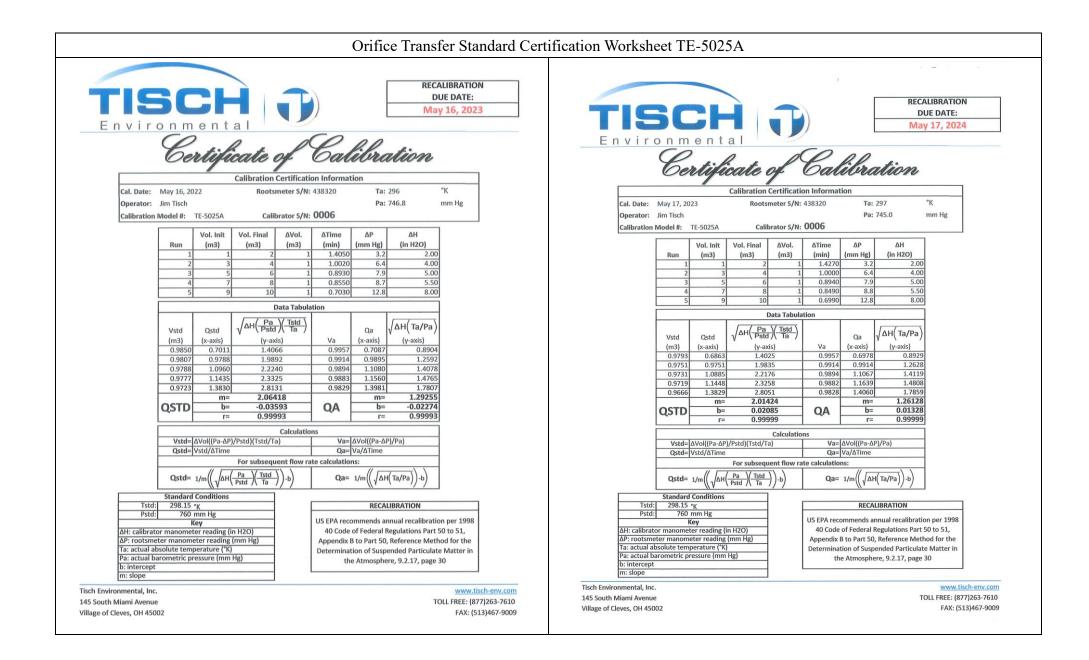
Appendix F – Calibration certificates, catalogue of air quality monitoring equipment



| Air Sa | | Air Sampler Calibration Curve Plotting & Calculation (Dickson recorder) | | | | | | | |
|--|---|--|----------------------|--------------------------|---|---|---|---|--|
| Calibration curve ref. No. :A | SPC-01-2023042001 Date of | of calibration : 20/ | 04/2023 | Calibration curve ref. | Calibration curve ref. No. : ATSPC-01-2023061901 Date of | | | of calibration : 19/06/2023 | |
| Location : Sky | Tower Samp | ler : | TE-5170X | Location : | Sky Tower | Samp | oler : | TE-5170X | |
| <u>Calibration Data</u> Ambient barometric pressure, Pa = Qstd Slope, m = 2.06418 | | ent temperature, Ta = Intercept, b = -0.0359 | 297.95 (deg K) 30 | | pressure, Pa =755 2.01424 | | ient temperature, Ta = Intercept, b =0.02 | 306.05 (deg K) | |
| Calibration Curve | Qstd | I | IC | <u>Calibration Curve</u> | H ₂ O | Qstd | I | IC | |
| Plate No. (in | (m ³ /min) | (chart) | (corrected) | Plate No. | (in) | (m^3/min) | (chart) | (corrected) | |
| 18 7.70 | 1.356 | 50.0 | 49.78 | 18 | 7.70 | 1.345 | 49.0 | 48.20 | |
| 13 6.50 10 4.30 | 1.247 | 44.0 37.0 | 43.80 36.83 | 13 | 6.40 | 1.225 | 44.0 | 43.28 | |
| 7 3.40 | 0.907 | 37.0 | 36.83 | 10 | 4.30 | 1.002 | 37.0 | 36.40 | |
| 5 2.30 | 0.749 | 27.0 | 26.88 | 7 | 3.20 | 0.863 | 33.0 | 32.46 | |
| Subsequent calculation of sample | | | | 5 | 2.40 | 0.746 | 27.0 | 26.56 | |
| 75.00 65.00 65.01 55.00 45.00 35.00 25.00 15.00 15.00 15.00 Calibration curve requirements : Remark : Qstd (m³ / mir IC (corrected)) |) = 1/m [Sqrt (H ₂ O (Pa / 760) (= I [Sqrt ((Pa / 760) (298 / Ta) ed) = Sqrt (FLOW (mano) (Pa Check | ()))-b1 35.674 35.674 0 0 0 0 0 0 0 0 0 0 0 0 | 5 | Remark : C | $\begin{array}{c} C\\ \hline Qstd = 1 / m1 [(1)()\\ \hline \\ 65.00\\ \hline \\ 55.00\\ \hline \\ 45.00\\ \hline \\ 55.00\\ \hline \\ 55.00\\ \hline \\ 55.00\\ \hline \\ \\ 55.00\\ \hline \\ \\ 55.00\\ \hline \\ \\ 55.00\\ \hline \\ \\ \\ \\ 55.00\\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $ | [Sqrt (H ₂ O (Pa / 760) (rt ((Pa / 760) (298 / Ta Sqrt (FLOW (mano) (Pa | Qstd (m3min) 1.6 1.8 2.0 1.8 1.0 1.0 1.8 1.0 1.0 1.8 1.0 1.0 1.8 1.0 1.0 1.8 <th>Intercept, b Corr. coeff 1.7135 0.9962 SP range (1.1 - 1.7 m3 / mi </th> | Intercept, b Corr. coeff 1.7135 0.9962 SP range (1.1 - 1.7 m3 / mi | |

| Air Sampler Calibration Curve Plotting & Calculation (Dickson recorder) | | | | | Air Sampler Calibration Curve Plotting & Calculation (Dickson recorder) | | | | | |
|--|--|---|--|-------------------------------|--|---|---|---|-----------------|-------------------|
| Calibration curve ref. No | o.: ATSPC-01- | 2023042003 Date o | f calibration : 20 | /04/2023 | Calibration curve ref. | No.: ATSPC-0 | 01-2023061903 Date o | of calibration : | 19/06/2023 | |
| location : Ho | ng Kong Children's I | Hospital Sample | er : | TE-5170X | Location : F | Location : Hong Kong Children's Hospital Sampler : TE-5170X | | | | |
| | ssure, Pa =753. 06418 | 1 (mmHg) Ambien Qstd In | ent temperature, Ta = ntercept, b = | 297.95 (deg K) 330 | - | ressure, Pa =75 2.01424 | 5.3 (mmHg) Ambie Qstd Is | | 306.05 | (deg K) |
| Calibration Curve | H ₂ O | Qstd | I | IC | Plate No. | H_2O | Qstd | I | | IC |
| Plate No. | (in) | (m^3/min) | (chart) | (corrected) | | (in) | (m ³ /min) | (chart) | · · · | rrected) |
| 18 | 7.90 | 1.373 | 50.0 | 49.78 | 18 | 7.90 6.80 | 1.362 | 50.0 | | 9.19 |
| 13 | 6.70 | 1.266 | 44.0 | 43.80 | 10 | 4.40 | 1.014 | 37.0 | 45.25 36.40 | |
| 10 | 4.30 | 1.017 | 37.0 | 36.83 | 7 | 3.20 | 0.863 | 32.0 | 31.48 | |
| 7 | 3.20 | 0.880 | 32.0 | 31.86 | 5 | 2.20 | 0.714 | 26.0 | 25.58 | |
| 5 | 2.20 | 0.733 | 26.0 | 25.88 | Subsequent calculation | on of samplar flow | • | | | |
| Subsequent calculation of sampler flow | | | | Method | | Calibration equation | Slope, m | Intercept, b | Corr. coeff., r | |
| Method | Ca | libration equation | Slope, m | Intercept, b Corr. coeff., r | Dickson recorder | Qstd = 1 / m1 [(1) | (Sqrt ((Pav / 760) (298 / Tav |)))-b1] 35.904 | 0.1247 | 0.9997 |
| | 55.00 ¥ 45.00 25.00 15.00 6 00 | 8 1.0 1.2 1.4 Ostd //C Calibration (| | | | tirements : (A). $r > $ std (m^3 / min) = 1/n | 0.8 1.0 1.2 1.4 Ostd / IC Calibration 0.990 ; (B). At least 3 Qst a [Sqrt (H ₂ O (Pa / 760) (2 | Curve td numbers are in the T 298 / Ta)) - b]. | SP range (1.1 | - 1.7 m3 / min). |
| Remark : Qstd IC (| ements : (A). $r > 0$ 1 (m^3 / min) = 1/m [corrected) = I [Sqrt | | 298 / Ta)) - b].)]. | range (1.1 - 1.7 m3 / min). | IC Fi Calibrated by : | | qrt ((Pa / 760) (298 / Ta) Sqrt (FLOW (mano) (Pa Check) Name | / 760) (298 / Ta)). red by : | ۲. Yin Tong |) |

| | Air Sampler | Calibration Curve Pl (Dickson recorde | 2 | ion | | Air Sample | er Calibration Curve (Dickson record | | ion |
|---|--|--|---|--|---|--|--|---|---|
| Calibration curve ref | . No. : ATSPC-0 | 1-2022062001 Date of | of calibration : | 20/06/2022 | Calibration c | ve ref. No. : ATSPC- | 01-2023061901 Date | of calibration : | 19/06/2023 |
| Model no : | GS2310 | Serial | number : | 10346 | Model no : | GS2310 | Seri | al number : | 10346 |
| Calibration Data Ambient barometric Qstd Slope, m = | pressure, Pa =753 2.06418 | | ent temperature, Ta = | <u>303.35</u> (deg K) 35930 | Qstd Slope, r | netric pressure, Pa =7 =2.01424 | 55.3 (mmHg) Amb Qstd | bient temperature, Ta = | 305.25 (deg K) 20850 |
| Calibration Curve | | | - | | Calibration C | H.O | Qstd | I | IC |
| Plate No. | H ₂ O (in) | Qstd (m ³ /min) | I (chart) | IC (corrected) | 18 | (in) 7.60 | (m ³ /min) 1.338 | (chart) 50.0 | (corrected) 49.25 |
| 18 | 7.60 | 1.335 | 50.0 | 49.33 | 18 | 6.50 | 1.338 | 44.0 | 49.25 |
| 13 | 6.50 | 1.236 | 45.0 | 44.40 | 10 | 4.40 | 1.015 | 38.0 | 37.43 |
| 10 | 4.30 | 1.009 | 38.0 | 37.49 | 7 | 3.20 | 0.864 | 32.0 | 31.52 |
| 7 | 3.10 | 0.859 | 32.0 | 31.57 | 5 | 2.30 | 0.731 | 27.0 | 26.60 |
| 5 | 2.20 | 0.726 | 27.0 | 26.64 | | lculation of sampler flow | | | |
| Subsequent calculat | <u>ion of sampler flow</u> | | | | Meth Dickson reco | - | Calibration equation | Slope, m w)))-b1] 35.675 | Intercept, b Corr. coeff., r 0.6397 0.9953 |
| | 75.00 | Sqrt ((Pav / 760) (298 / Tav |)))-b1] 36.268 | Intercept, b Corr. coeff., r 0.4215 0.9982 | | 75.00 65.00 | | | |
| Remark : O | (5.00) (5.0 | 0.8 1.0 1.2 1.4 Qstd / IC Calibration | Qstd(m3 min) 1.6 1.8 2.0 Curve td numbers are in the TS 298 / Ta)) - b].)]. | | Calibration c Remark : Calibrated by Name : Fem No. 105-105-0 | $\begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$ | m [Sqrt (H ₂ O (Pa / 760) Sqrt ((Pa / 760) (298 / Ta Sqrt (FLOW (mano) (F | n Curve Destd numbers are in the T (298 / Ta)) - b]. (1)]. Pa / 760) (298 / Ta)). cked by : | SP range (1.1 - 1.7 m3 / min). |



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

90° light scattering,

670 nm laser diode

Flow Rate Range

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

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

Operational Humidity

0 to 95% RH, non-condensing

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

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

User-Select Calibration Factors

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

Physical External Dimensions

Range

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

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

Input Voltage Range Output Voltage 9 VDC @ 1.0 A

Maintenance Factory Clean/Calibrate User Zero Calibration

Recommended annually Before each use User Flow Calibration As needed

Communications Interface

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

Minimum Computer Requirements for TrakPro™ Data Analysis Software

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

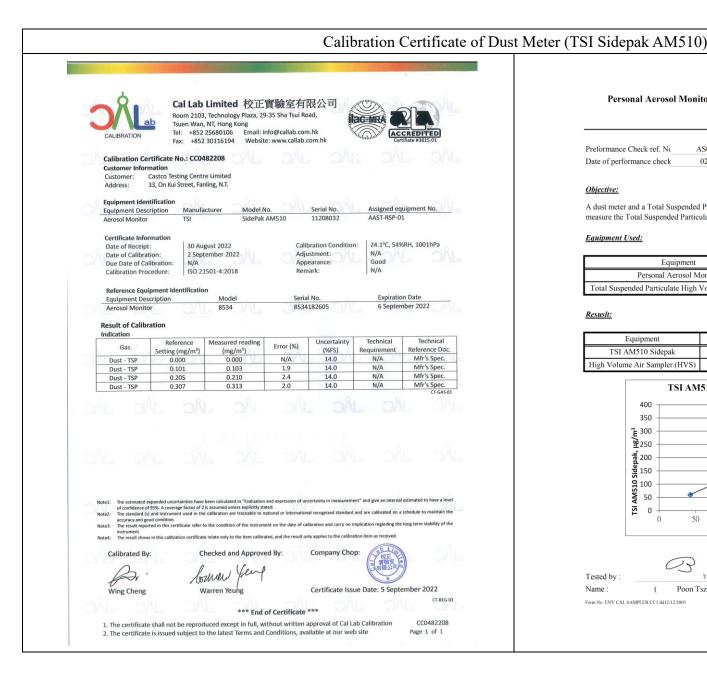
Battery Performance

| 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:

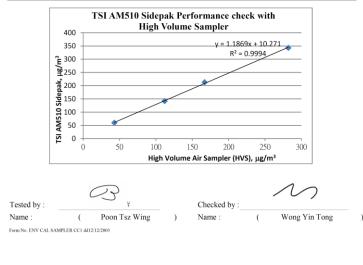
A dust meter and a Total Suspended Particulate High Volume Air Sampler (HVS) were placed together to measure the Total Suspended Particulate (TSP) concentrations simultaneously to check the performance.

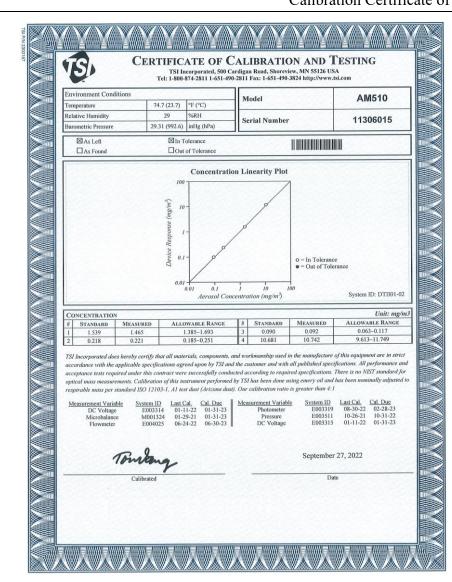
Equipment Used:

| 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/m ³ | | | | |
|-------------------------------|---------------------------------------|-----|-----|-----|--|
| TSI AM510 Sidepak | 60 | 142 | 213 | 343 | |
| High Volume Air Sampler (HVS) | 43 | 112 | 167 | 282 | |





Calibration Certificate of Dust Meter (TSI Sidepak AM510)

Personal Aerosol Monitor Performance check with High Volume Sampler

| Preformance Check ref. No | AS0230602-3 | Report Issue Date | 02/06/2023 |
|---------------------------|-------------|-------------------|------------|
| Date of performance check | 02/06/2023 | | |

Objective:

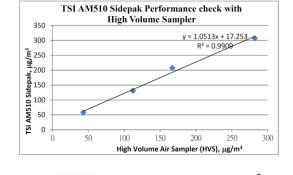
A dust meter and a Total Suspended Particulate High Volume Air Sampler (HVS) were placed together to measure the Total Suspended Particulate (TSP) concentrations simultaneously to check the performance.

Equipment Used:

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

Resust:

| Equipment | | Result, µg/m3 | | |
|-------------------------------|----|---------------|-----|-----|
| TSI AM510 Sidepak | 58 | 131 | 208 | 307 |
| 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[™] Range 0 to 16 Index High)) The Vantage Pro2[™] (# 6152C) and Vantage Pro2[™] Plus (# 6162C) cabled weather stations include two components: the Integrated Sensor Suite (ISS) and the console. The ISS contains the sensor interface module (SIM), rain collector, an anemometer, and a passive radiation shield. The Vantage Pro2 console provides the user interface, data display, and calculations. The Vantage Pro2 Plus weather station includes two additional sensors that are optional on the Current Graph Data...... Instant Reading and Hourly Average; Daily, Monthly High Vantage Pro2 and purchased separately: the UV Sensor and the Solar Radiation Sensor. The console and ISS are powered by an AC-power adapter connected to the console. Batteries can be installed in the console to provide a backup power supply. Use WeatherLink[®] to let your weather station interface with a computer, log data, and upload Alarm High Threshold from Instant Calculation 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 (214 cm²) collection area Temperature Sensor Type..... PN Junction Silicon Diode Relative Humidity Sensor Type Film capacitor element Accuracy ±3° Update Interval 2.5 to 3 seconds Sensor Inputs Current Graph Data Instant Reading (user adjustable); 10-min. Dominant; Hourly, Daily, RF Filtering RC low-pass filter on each signal line Monthly Dominant ISS Dimensions(not including anemometer or bird spikes); Monthly Dominants Wind Speed Resolution and Units 1 mph, 1 km/h, 0.4 m/s, or 1 knot (user-selectable) Measured in mph; Vantage Pro2 with Fan-Asprated Rad Shield..... 20.8" x 9.4" x 16.0" (528 mm x 239 mm x 406 mm) other units are converted from mph and rounded to nearest 1 km/hr. 0.1 Vantage Pro2 Plus with Standard Rad Shield 14.3" x 9.7" x 14.5" (363 mm x 246 mm x 368 mm) m/s or 1 knot Vantage Pro2 Plus with Fan-Aspirated Rad Shield 21.1" x 9.7" x 16.0" (536 mm x 246 mm x 406 mm) Update Interval Instant Reading: 2.5 to 3 seconds, 10-minute Average: 1 minute length of cable from anemometer to ISS increases.) Current Display Data Instant Current Graph Data Instant Reading; 10-minute and Hourly Average; Hourly High; Daily, Davis Instruments 3465 Diablo Ave., Hayward, CA 94545-2778 USA (510) 732-9229 - FAX (510) 670-0589 - sales@davisinstruments.com - www.davisinstruments.com Monthly and Yearly High with Direction of High DS6152C, 6162C Rev. W 12/7/18 Highs with Direction of Highs High Thresholds from Instant Reading and 10-minute Average Alarms

| Calibration Certificate of Weather Station |
|---|
| |
| CALIBRATION CALIB |
| Calibration Certificate No.: CC0392302 Customer Information Custormer: Castco Testing Centre Limited Address: 33, On Kui Street, Fanling, N.T. |
| Equipment IdentificationEquipment DescriptionManufacturerModel No.Serial No.Assigned equipment No.:Weather StationDavis Vantage PRO 26152CUKBD190307008AAST-WS-O-1 |
| Certificate InformationDate of Receipt:8 February 2023Calibration Condition:24.5°C, 54%RH, 1010hPaDate of Calibration:20 February 2023Adjustment:N/ADue Date of Calibration:N/AAppearance:GoodCalibration Procedure:JJF 1183-2007, JJF 1076-2001,Remark:N/A |
| Reference Equipment IdentificationEquipment DescriptionModelSerial No.Expiration DatePlatinum resistance thermometerKPPRHT-A-1KCI I-1095, KCI P-10959 November 2024Humidity sensorKPPRHT-A-1KCI I-1095, KCI P-10959 November 2024Hot Wire Anemometer9535T9535131600411 August 2024 |
| |
| |
| |
| Note1: The estimated expanded uncertainties have been calculated in "Evaluation and expression of uncertainty in measurement" and give an internal estimated to have a level of configence of 35%. A coverage factor of 2 is assumed unless explicitly stated. Note2: The standard (s) and instrument used in the calibration are traceable to national or international recognized standard and are calibrated on a schedule to maintain the accuracy and good condition. |
| Notes: The result reported in this cartificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long term stability of the instrument. Notes: The result shows in this calibration cartificate relate only to the item calibrated, and the result only applies to the calibration inter as received. Approved By: Company Chop: |
| Warren Yeung Certificate Issue Date: 20 February 2023 |
| 1. The certificate shall not be reproduced except in full, without written approval of Cal Lab CalibrationCC03923022. The certificate is issued subject to the latest Terms and Conditions, available at our web sitePage 1 of 2 |

Appendix G – Weather information

General Information

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

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=6

| Date | Time | Wind Speed (m/s) | Wind Direction |
|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|
| 01/06/2023 | 0:00 | 1.3 | 90 | 02/06/2023 | 0:00 | 2.2 | 112.5 | 03/06/2023 | 0:00 | 1.8 | 157.5 | 04/06/2023 | 0:00 | 0.9 | 67.5 |
| 01/06/2023 | 1:00 | 0.9 | 90 | 02/06/2023 | 1:00 | 1.8 | 67.5 | 03/06/2023 | 1:00 | 1.3 | 67.5 | 04/06/2023 | 1:00 | 0.9 | 67.5 |
| 01/06/2023 | 2:00 | 0.9 | 90 | 02/06/2023 | 2:00 | 0.9 | 67.5 | 03/06/2023 | 2:00 | 1.3 | 22.5 | 04/06/2023 | 2:00 | 0.9 | 67.5 |
| 01/06/2023 | 3:00 | 1.3 | 270 | 02/06/2023 | 3:00 | 0.9 | 112.5 | 03/06/2023 | 3:00 | 1.3 | 225 | 04/06/2023 | 3:00 | 0.4 | 67.5 |
| 01/06/2023 | 4:00 | 1.3 | 90 | 02/06/2023 | 4:00 | 0.4 | 112.5 | 03/06/2023 | 4:00 | 1.3 | 315 | 04/06/2023 | 4:00 | 0.9 | 90 |
| 01/06/2023 | 5:00 | 2.2 | 90 | 02/06/2023 | 5:00 | 0.9 | 315 | 03/06/2023 | 5:00 | 1.3 | 337.5 | 04/06/2023 | 5:00 | 0.9 | 67.5 |
| 01/06/2023 | 6:00 | 2.7 | 112.5 | 02/06/2023 | 6:00 | 0.9 | 90 | 03/06/2023 | 6:00 | 1.3 | 67.5 | 04/06/2023 | 6:00 | 0.4 | 90 |
| 01/06/2023 | 7:00 | 1.3 | 67.5 | 02/06/2023 | 7:00 | 0.9 | 270 | 03/06/2023 | 7:00 | 0.9 | 112.5 | 04/06/2023 | 7:00 | 0.9 | 90 |
| 01/06/2023 | 8:00 | 1.3 | 90 | 02/06/2023 | 8:00 | 0.4 | 180 | 03/06/2023 | 8:00 | 0.9 | 135 | 04/06/2023 | 8:00 | 0.9 | 90 |
| 01/06/2023 | 9:00 | 0.9 | 90 | 02/06/2023 | 9:00 | 0.4 | 45 | 03/06/2023 | 9:00 | 1.3 | 45 | 04/06/2023 | 9:00 | 0.9 | 67.5 |
| 01/06/2023 | 10:00 | 1.3 | 112.5 | 02/06/2023 | 10:00 | 0.9 | 22.5 | 03/06/2023 | 10:00 | 0.9 | 22.5 | 04/06/2023 | 10:00 | 0.4 | 45 |
| 01/06/2023 | 11:00 | 0.4 | 67.5 | 02/06/2023 | 11:00 | 0.4 | 22.5 | 03/06/2023 | 11:00 | 1.3 | 135 | 04/06/2023 | 11:00 | 0.9 | 90 |
| 01/06/2023 | 12:00 | 0.9 | 45 | 02/06/2023 | 12:00 | 0.4 | 90 | 03/06/2023 | 12:00 | 0.9 | 157.5 | 04/06/2023 | 12:00 | 0.9 | 45 |
| 01/06/2023 | 13:00 | 1.3 | 90 | 02/06/2023 | 13:00 | 0.4 | 90 | 03/06/2023 | 13:00 | 0.4 | 157.5 | 04/06/2023 | 13:00 | 0.4 | 45 |
| 01/06/2023 | 14:00 | 2.2 | 45 | 02/06/2023 | 14:00 | 0.9 | 45 | 03/06/2023 | 14:00 | 0.9 | 112.5 | 04/06/2023 | 14:00 | 0.9 | 67.5 |
| 01/06/2023 | 15:00 | 2.7 | 90 | 02/06/2023 | 15:00 | 0.4 | 112.5 | 03/06/2023 | 15:00 | 0.9 | 90 | 04/06/2023 | 15:00 | 0.4 | 67.5 |
| 01/06/2023 | 16:00 | 2.2 | 67.5 | 02/06/2023 | 16:00 | 0.9 | 67.5 | 03/06/2023 | 16:00 | 0.9 | 90 | 04/06/2023 | 16:00 | 0.9 | 67.5 |
| 01/06/2023 | 17:00 | 2.2 | 22.5 | 02/06/2023 | 17:00 | 0.4 | 90 | 03/06/2023 | 17:00 | 0.9 | 67.5 | 04/06/2023 | 17:00 | 0.4 | 45 |
| 01/06/2023 | 18:00 | 1.8 | 112.5 | 02/06/2023 | 18:00 | 0.4 | 112.5 | 03/06/2023 | 18:00 | 1.3 | 90 | 04/06/2023 | 18:00 | 0.4 | 67.5 |
| 01/06/2023 | 19:00 | 1.8 | 90 | 02/06/2023 | 19:00 | 0.4 | 67.5 | 03/06/2023 | 19:00 | 1.3 | 67.5 | 04/06/2023 | 19:00 | 0.9 | 67.5 |
| 01/06/2023 | 20:00 | 0.9 | 90 | 02/06/2023 | 20:00 | 0.9 | 337.5 | 03/06/2023 | 20:00 | 1.3 | 90 | 04/06/2023 | 20:00 | 0.9 | 90 |
| 01/06/2023 | 21:00 | 0.9 | 67.5 | 02/06/2023 | 21:00 | 0.9 | 112.5 | 03/06/2023 | 21:00 | 0.9 | 90 | 04/06/2023 | 21:00 | 0.4 | 45 |
| 01/06/2023 | 22:00 | 0.4 | 135 | 02/06/2023 | 22:00 | 1.3 | 112.5 | 03/06/2023 | 22:00 | 0.4 | 112.5 | 04/06/2023 | 22:00 | 0.9 | 67.5 |
| 01/06/2023 | 23:00 | 0.9 | 112.5 | 02/06/2023 | 23:00 | 1.3 | 90 | 03/06/2023 | 23:00 | 0.4 | 90 | 04/06/2023 | 23:00 | 0.9 | 67.5 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction |
|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|
| 05/06/2023 | 0:00 | 0.4 | 90 | 06/06/2023 | 0:00 | 1.8 | 45 | 07/06/2023 | 0:00 | 0.9 | 90 | 08/06/2023 | 0:00 | 0.4 | 112.5 |
| 05/06/2023 | 1:00 | 0.4 | 90 | 06/06/2023 | 1:00 | 3.1 | 247.5 | 07/06/2023 | 1:00 | 0.9 | 112.5 | 08/06/2023 | 1:00 | 0.9 | 112.5 |
| 05/06/2023 | 2:00 | 0.4 | 67.5 | 06/06/2023 | 2:00 | 1.8 | 247.5 | 07/06/2023 | 2:00 | 0.9 | 90 | 08/06/2023 | 2:00 | 0.9 | 90 |
| 05/06/2023 | 3:00 | 0.4 | 157.5 | 06/06/2023 | 3:00 | 2.2 | 45 | 07/06/2023 | 3:00 | 0.9 | 90 | 08/06/2023 | 3:00 | 0.9 | 112.5 |
| 05/06/2023 | 4:00 | 0.4 | 112.5 | 06/06/2023 | 4:00 | 1.3 | 45 | 07/06/2023 | 4:00 | 1.3 | 67.5 | 08/06/2023 | 4:00 | 0.4 | 90 |
| 05/06/2023 | 5:00 | 0.4 | 112.5 | 06/06/2023 | 5:00 | 1.3 | 45 | 07/06/2023 | 5:00 | 1.8 | 67.5 | 08/06/2023 | 5:00 | 0.4 | 90 |
| 05/06/2023 | 6:00 | 0.4 | 90 | 06/06/2023 | 6:00 | 1.3 | 112.5 | 07/06/2023 | 6:00 | 2.2 | 112.5 | 08/06/2023 | 6:00 | 0.4 | 67.5 |
| 05/06/2023 | 7:00 | 0.9 | 112.5 | 06/06/2023 | 7:00 | 1.3 | 67.5 | 07/06/2023 | 7:00 | 1.3 | 45 | 08/06/2023 | 7:00 | 0.4 | 67.5 |
| 05/06/2023 | 8:00 | 0.4 | 112.5 | 06/06/2023 | 8:00 | 1.3 | 67.5 | 07/06/2023 | 8:00 | 1.3 | 45 | 08/06/2023 | 8:00 | 0.4 | 67.5 |
| 05/06/2023 | 9:00 | 0.4 | 112.5 | 06/06/2023 | 9:00 | 1.3 | 90 | 07/06/2023 | 9:00 | 0.4 | 67.5 | 08/06/2023 | 9:00 | 0.4 | 90 |
| 05/06/2023 | 10:00 | 0.4 | 90 | 06/06/2023 | 10:00 | 1.8 | 67.5 | 07/06/2023 | 10:00 | 0.9 | 67.5 | 08/06/2023 | 10:00 | 0.9 | 135 |
| 05/06/2023 | 11:00 | 0.4 | 90 | 06/06/2023 | 11:00 | 1.8 | 67.5 | 07/06/2023 | 11:00 | 0.9 | 45 | 08/06/2023 | 11:00 | 0.9 | 112.5 |
| 05/06/2023 | 12:00 | 0.4 | 112.5 | 06/06/2023 | 12:00 | 1.8 | 67.5 | 07/06/2023 | 12:00 | 0.4 | 45 | 08/06/2023 | 12:00 | 0.4 | 90 |
| 05/06/2023 | 13:00 | 1.8 | 112.5 | 06/06/2023 | 13:00 | 1.8 | 67.5 | 07/06/2023 | 13:00 | 0.4 | 45 | 08/06/2023 | 13:00 | 0.4 | 67.5 |
| 05/06/2023 | 14:00 | 1.8 | 90 | 06/06/2023 | 14:00 | 1.8 | 112.5 | 07/06/2023 | 14:00 | 0.4 | 67.5 | 08/06/2023 | 14:00 | 0.4 | 67.5 |
| 05/06/2023 | 15:00 | 1.3 | 112.5 | 06/06/2023 | 15:00 | 0.9 | 67.5 | 07/06/2023 | 15:00 | 1.8 | 247.5 | 08/06/2023 | 15:00 | 0.4 | 45 |
| 05/06/2023 | 16:00 | 0.9 | 67.5 | 06/06/2023 | 16:00 | 1.8 | 112.5 | 07/06/2023 | 16:00 | 0.9 | 225 | 08/06/2023 | 16:00 | 0.4 | 90 |
| 05/06/2023 | 17:00 | 0.9 | 90 | 06/06/2023 | 17:00 | 2.2 | 45 | 07/06/2023 | 17:00 | 0.9 | 45 | 08/06/2023 | 17:00 | 0.4 | 45 |
| 05/06/2023 | 18:00 | 1.8 | 67.5 | 06/06/2023 | 18:00 | 1.3 | 67.5 | 07/06/2023 | 18:00 | 0.4 | 67.5 | 08/06/2023 | 18:00 | 1.8 | 67.5 |
| 05/06/2023 | 19:00 | 1.8 | 135 | 06/06/2023 | 19:00 | 1.8 | 67.5 | 07/06/2023 | 19:00 | 0.4 | 67.5 | 08/06/2023 | 19:00 | 0.4 | 112.5 |
| 05/06/2023 | 20:00 | 1.3 | 90 | 06/06/2023 | 20:00 | 1.8 | 67.5 | 07/06/2023 | 20:00 | 0.4 | 90 | 08/06/2023 | 20:00 | 0.4 | 90 |
| 05/06/2023 | 21:00 | 0.9 | 90 | 06/06/2023 | 21:00 | 1.8 | 67.5 | 07/06/2023 | 21:00 | 0.4 | 67.5 | 08/06/2023 | 21:00 | 1.3 | 45 |
| 05/06/2023 | 22:00 | 1.3 | 90 | 06/06/2023 | 22:00 | 1.8 | 67.5 | 07/06/2023 | 22:00 | 0.9 | 67.5 | 08/06/2023 | 22:00 | 1.3 | 67.5 |
| 05/06/2023 | 23:00 | 0.9 | 135 | 06/06/2023 | 23:00 | 1.8 | 90 | 07/06/2023 | 23:00 | 0.9 | 90 | 08/06/2023 | 23:00 | 0.9 | 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 |
|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|
| 09/06/2023 | 0:00 | 1.3 | 112.5 | 10/06/2023 | 0:00 | 0.9 | 112.5 | 11/06/2023 | 0:00 | 1.8 | 45 | 12/06/2023 | 0:00 | 0.9 | 45 |
| 09/06/2023 | 1:00 | 1.3 | 112.5 | 10/06/2023 | 1:00 | 0.9 | 112.5 | 11/06/2023 | 1:00 | 2.2 | 22.5 | 12/06/2023 | 1:00 | 1.3 | 90 |
| 09/06/2023 | 2:00 | 1.3 | 112.5 | 10/06/2023 | 2:00 | 0.9 | 112.5 | 11/06/2023 | 2:00 | 2.2 | 90 | 12/06/2023 | 2:00 | 1.3 | 22.5 |
| 09/06/2023 | 3:00 | 1.3 | 112.5 | 10/06/2023 | 3:00 | 0.4 | 112.5 | 11/06/2023 | 3:00 | 1.8 | 90 | 12/06/2023 | 3:00 | 1.3 | 112.5 |
| 09/06/2023 | 4:00 | 0.9 | 112.5 | 10/06/2023 | 4:00 | 0.9 | 112.5 | 11/06/2023 | 4:00 | 2.2 | 90 | 12/06/2023 | 4:00 | 1.3 | 90 |
| 09/06/2023 | 5:00 | 0.9 | 112.5 | 10/06/2023 | 5:00 | 0.9 | 135 | 11/06/2023 | 5:00 | 2.2 | 90 | 12/06/2023 | 5:00 | 0.9 | 135 |
| 09/06/2023 | 6:00 | 0.9 | 90 | 10/06/2023 | 6:00 | 1.3 | 112.5 | 11/06/2023 | 6:00 | 2.2 | 90 | 12/06/2023 | 6:00 | 0.9 | 22.5 |
| 09/06/2023 | 7:00 | 0.9 | 112.5 | 10/06/2023 | 7:00 | 0.9 | 112.5 | 11/06/2023 | 7:00 | 2.2 | 90 | 12/06/2023 | 7:00 | 0.9 | 90 |
| 09/06/2023 | 8:00 | 1.3 | 112.5 | 10/06/2023 | 8:00 | 1.3 | 90 | 11/06/2023 | 8:00 | 2.2 | 67.5 | 12/06/2023 | 8:00 | 0.9 | 67.5 |
| 09/06/2023 | 9:00 | 0.9 | 112.5 | 10/06/2023 | 9:00 | 0.9 | 112.5 | 11/06/2023 | 9:00 | 2.7 | 67.5 | 12/06/2023 | 9:00 | 0.9 | 67.5 |
| 09/06/2023 | 10:00 | 0.4 | 247.5 | 10/06/2023 | 10:00 | 1.3 | 112.5 | 11/06/2023 | 10:00 | 1.8 | 135 | 12/06/2023 | 10:00 | 0.9 | 135 |
| 09/06/2023 | 11:00 | 0.9 | 112.5 | 10/06/2023 | 11:00 | 0.9 | 112.5 | 11/06/2023 | 11:00 | 1.3 | 112.5 | 12/06/2023 | 11:00 | 0.4 | 112.5 |
| 09/06/2023 | 12:00 | 0.9 | 112.5 | 10/06/2023 | 12:00 | 0.4 | 67.5 | 11/06/2023 | 12:00 | 2.2 | 90 | 12/06/2023 | 12:00 | 0.4 | 90 |
| 09/06/2023 | 13:00 | 0.4 | 90 | 10/06/2023 | 13:00 | 0.4 | 67.5 | 11/06/2023 | 13:00 | 2.2 | 67.5 | 12/06/2023 | 13:00 | 0.4 | 90 |
| 09/06/2023 | 14:00 | 0.4 | 67.5 | 10/06/2023 | 14:00 | 0.9 | 90 | 11/06/2023 | 14:00 | 2.2 | 90 | 12/06/2023 | 14:00 | 0.4 | 135 |
| 09/06/2023 | 15:00 | 0.9 | 67.5 | 10/06/2023 | 15:00 | 0.9 | 67.5 | 11/06/2023 | 15:00 | 2.7 | 90 | 12/06/2023 | 15:00 | 0.4 | 202.5 |
| 09/06/2023 | 16:00 | 1.3 | 90 | 10/06/2023 | 16:00 | 1.3 | 112.5 | 11/06/2023 | 16:00 | 1.8 | 90 | 12/06/2023 | 16:00 | 1.8 | 67.5 |
| 09/06/2023 | 17:00 | 0.4 | 90 | 10/06/2023 | 17:00 | 1.3 | 90 | 11/06/2023 | 17:00 | 2.2 | 112.5 | 12/06/2023 | 17:00 | 0.9 | 67.5 |
| 09/06/2023 | 18:00 | 0.4 | 112.5 | 10/06/2023 | 18:00 | 1.3 | 90 | 11/06/2023 | 18:00 | 2.2 | 112.5 | 12/06/2023 | 18:00 | 1.3 | 22.5 |
| 09/06/2023 | 19:00 | 0.4 | 90 | 10/06/2023 | 19:00 | 1.3 | 112.5 | 11/06/2023 | 19:00 | 1.8 | 90 | 12/06/2023 | 19:00 | 1.3 | 22.5 |
| 09/06/2023 | 20:00 | 0.4 | 67.5 | 10/06/2023 | 20:00 | 0.9 | 112.5 | 11/06/2023 | 20:00 | 2.7 | 112.5 | 12/06/2023 | 20:00 | 1.3 | 67.5 |
| 09/06/2023 | 21:00 | 0.4 | 67.5 | 10/06/2023 | 21:00 | 0.9 | 270 | 11/06/2023 | 21:00 | 1.8 | 67.5 | 12/06/2023 | 21:00 | 1.8 | 112.5 |
| 09/06/2023 | 22:00 | 0.4 | 90 | 10/06/2023 | 22:00 | 0.9 | 135 | 11/06/2023 | 22:00 | 0.9 | 90 | 12/06/2023 | 22:00 | 1.3 | 22.5 |
| 09/06/2023 | 23:00 | 0.4 | 90 | 10/06/2023 | 23:00 | 0.9 | 135 | 11/06/2023 | 23:00 | 1.3 | 90 | 12/06/2023 | 23:00 | 1.8 | 247.5 |

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 |
|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|
| 13/06/2023 | 0:00 | 0.9 | 67.5 | 14/06/2023 | 0:00 | 0.4 | 225 | 15/06/2023 | 0:00 | 2.2 | 157.5 | 16/06/2023 | 0:00 | 0.9 | 112.5 |
| 13/06/2023 | 1:00 | 0.9 | 112.5 | 14/06/2023 | 1:00 | 0.9 | 225 | 15/06/2023 | 1:00 | 2.7 | 135 | 16/06/2023 | 1:00 | 1.3 | 135 |
| 13/06/2023 | 2:00 | 0.9 | 112.5 | 14/06/2023 | 2:00 | 0.9 | 112.5 | 15/06/2023 | 2:00 | 1.3 | 90 | 16/06/2023 | 2:00 | 0.9 | 135 |
| 13/06/2023 | 3:00 | 0.4 | 90 | 14/06/2023 | 3:00 | 1.3 | 180 | 15/06/2023 | 3:00 | 1.8 | 112.5 | 16/06/2023 | 3:00 | 1.3 | 135 |
| 13/06/2023 | 4:00 | 0.4 | 90 | 14/06/2023 | 4:00 | 0.4 | 337.5 | 15/06/2023 | 4:00 | 1.8 | 112.5 | 16/06/2023 | 4:00 | 0.4 | 135 |
| 13/06/2023 | 5:00 | 0.4 | 67.5 | 14/06/2023 | 5:00 | 0.4 | 247.5 | 15/06/2023 | 5:00 | 2.2 | 112.5 | 16/06/2023 | 5:00 | 0.4 | 135 |
| 13/06/2023 | 6:00 | 1.8 | 112.5 | 14/06/2023 | 6:00 | 0.4 | 225 | 15/06/2023 | 6:00 | 0.4 | 22.5 | 16/06/2023 | 6:00 | 0.4 | 135 |
| 13/06/2023 | 7:00 | 1.3 | 67.5 | 14/06/2023 | 7:00 | 0.4 | 247.5 | 15/06/2023 | 7:00 | 0.4 | 22.5 | 16/06/2023 | 7:00 | 0.9 | 112.5 |
| 13/06/2023 | 8:00 | 0.9 | 45 | 14/06/2023 | 8:00 | 0.4 | 180 | 15/06/2023 | 8:00 | 0.4 | 337.5 | 16/06/2023 | 8:00 | 0.4 | 112.5 |
| 13/06/2023 | 9:00 | 1.3 | 45 | 14/06/2023 | 9:00 | 0.9 | 225 | 15/06/2023 | 9:00 | 0.4 | 135 | 16/06/2023 | 9:00 | 0.9 | 112.5 |
| 13/06/2023 | 10:00 | 1.3 | 67.5 | 14/06/2023 | 10:00 | 0.9 | 112.5 | 15/06/2023 | 10:00 | 0.4 | 180 | 16/06/2023 | 10:00 | 0.9 | 112.5 |
| 13/06/2023 | 11:00 | 1.3 | 67.5 | 14/06/2023 | 11:00 | 0.9 | 270 | 15/06/2023 | 11:00 | 0.4 | 225 | 16/06/2023 | 11:00 | 0.9 | 112.5 |
| 13/06/2023 | 12:00 | 1.8 | 45 | 14/06/2023 | 12:00 | 0.9 | 90 | 15/06/2023 | 12:00 | 0.4 | 225 | 16/06/2023 | 12:00 | 0.4 | 112.5 |
| 13/06/2023 | 13:00 | 1.3 | 22.5 | 14/06/2023 | 13:00 | 0.4 | 67.5 | 15/06/2023 | 13:00 | 0.9 | 225 | 16/06/2023 | 13:00 | 0.9 | 112.5 |
| 13/06/2023 | 14:00 | 0.9 | 112.5 | 14/06/2023 | 14:00 | 0.4 | 270 | 15/06/2023 | 14:00 | 1.3 | 112.5 | 16/06/2023 | 14:00 | 0.9 | 135 |
| 13/06/2023 | 15:00 | 1.3 | 112.5 | 14/06/2023 | 15:00 | 0.4 | 112.5 | 15/06/2023 | 15:00 | 0.9 | 112.5 | 16/06/2023 | 15:00 | 0.4 | 112.5 |
| 13/06/2023 | 16:00 | 1.3 | 112.5 | 14/06/2023 | 16:00 | 1.8 | 112.5 | 15/06/2023 | 16:00 | 1.3 | 112.5 | 16/06/2023 | 16:00 | 0.4 | 135 |
| 13/06/2023 | 17:00 | 1.8 | 112.5 | 14/06/2023 | 17:00 | 1.8 | 135 | 15/06/2023 | 17:00 | 1.3 | 112.5 | 16/06/2023 | 17:00 | 0.4 | 112.5 |
| 13/06/2023 | 18:00 | 1.8 | 135 | 14/06/2023 | 18:00 | 2.7 | 90 | 15/06/2023 | 18:00 | 1.3 | 112.5 | 16/06/2023 | 18:00 | 0.9 | 112.5 |
| 13/06/2023 | 19:00 | 1.8 | 112.5 | 14/06/2023 | 19:00 | 2.2 | 292.5 | 15/06/2023 | 19:00 | 0.9 | 67.5 | 16/06/2023 | 19:00 | 1.3 | 112.5 |
| 13/06/2023 | 20:00 | 1.3 | 112.5 | 14/06/2023 | 20:00 | 1.3 | 225 | 15/06/2023 | 20:00 | 1.3 | 67.5 | 16/06/2023 | 20:00 | 1.3 | 112.5 |
| 13/06/2023 | 21:00 | 1.3 | 135 | 14/06/2023 | 21:00 | 1.8 | 247.5 | 15/06/2023 | 21:00 | 1.3 | 45 | 16/06/2023 | 21:00 | 0.9 | 112.5 |
| 13/06/2023 | 22:00 | 1.8 | 67.5 | 14/06/2023 | 22:00 | 0.9 | 247.5 | 15/06/2023 | 22:00 | 1.3 | 67.5 | 16/06/2023 | 22:00 | 0.9 | 112.5 |
| 13/06/2023 | 23:00 | 2.2 | 90 | 14/06/2023 | 23:00 | 0.4 | 247.5 | 15/06/2023 | 23:00 | 1.3 | 90 | 16/06/2023 | 23:00 | 0.9 | 112.5 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction |
|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|
| 17/06/2023 | 0:00 | 1.3 | 112.5 | 18/06/2023 | 0:00 | 0.4 | 112.5 | 19/06/2023 | 0:00 | 0.9 | 135 | 20/06/2023 | 0:00 | 0.9 | 112.5 |
| 17/06/2023 | 1:00 | 1.3 | 112.5 | 18/06/2023 | 1:00 | 0.4 | 112.5 | 19/06/2023 | 1:00 | 1.8 | 67.5 | 20/06/2023 | 1:00 | 1.3 | 112.5 |
| 17/06/2023 | 2:00 | 1.8 | 45 | 18/06/2023 | 2:00 | 0.4 | 112.5 | 19/06/2023 | 2:00 | 1.3 | 90 | 20/06/2023 | 2:00 | 1.3 | 112.5 |
| 17/06/2023 | 3:00 | 1.3 | 45 | 18/06/2023 | 3:00 | 0.9 | 112.5 | 19/06/2023 | 3:00 | 1.3 | 67.5 | 20/06/2023 | 3:00 | 0.9 | 90 |
| 17/06/2023 | 4:00 | 0.9 | 45 | 18/06/2023 | 4:00 | 0.9 | 112.5 | 19/06/2023 | 4:00 | 1.3 | 112.5 | 20/06/2023 | 4:00 | 0.4 | 135 |
| 17/06/2023 | 5:00 | 2.7 | 270 | 18/06/2023 | 5:00 | 0.4 | 247.5 | 19/06/2023 | 5:00 | 0.9 | 112.5 | 20/06/2023 | 5:00 | 0.9 | 202.5 |
| 17/06/2023 | 6:00 | 1.8 | 135 | 18/06/2023 | 6:00 | 0.9 | 112.5 | 19/06/2023 | 6:00 | 0.4 | 112.5 | 20/06/2023 | 6:00 | 0.4 | 247.5 |
| 17/06/2023 | 7:00 | 2.7 | 247.5 | 18/06/2023 | 7:00 | 0.9 | 270 | 19/06/2023 | 7:00 | 0.4 | 112.5 | 20/06/2023 | 7:00 | 0.4 | 247.5 |
| 17/06/2023 | 8:00 | 1.8 | 247.5 | 18/06/2023 | 8:00 | 1.3 | 247.5 | 19/06/2023 | 8:00 | 0.4 | 135 | 20/06/2023 | 8:00 | 0.4 | 225 |
| 17/06/2023 | 9:00 | 2.7 | 225 | 18/06/2023 | 9:00 | 0.9 | 247.5 | 19/06/2023 | 9:00 | 0.4 | 90 | 20/06/2023 | 9:00 | 0.4 | 225 |
| 17/06/2023 | 10:00 | 3.1 | 112.5 | 18/06/2023 | 10:00 | 0.4 | 247.5 | 19/06/2023 | 10:00 | 0.4 | 90 | 20/06/2023 | 10:00 | 0.4 | 112.5 |
| 17/06/2023 | 11:00 | 2.2 | 112.5 | 18/06/2023 | 11:00 | 0.9 | 112.5 | 19/06/2023 | 11:00 | 0.4 | 67.5 | 20/06/2023 | 11:00 | 0.4 | 135 |
| 17/06/2023 | 12:00 | 2.2 | 135 | 18/06/2023 | 12:00 | 0.4 | 135 | 19/06/2023 | 12:00 | 0.4 | 67.5 | 20/06/2023 | 12:00 | 0.4 | 112.5 |
| 17/06/2023 | 13:00 | 2.7 | 112.5 | 18/06/2023 | 13:00 | 0.4 | 202.5 | 19/06/2023 | 13:00 | 0.9 | 135 | 20/06/2023 | 13:00 | 1.3 | 22.5 |
| 17/06/2023 | 14:00 | 1.8 | 112.5 | 18/06/2023 | 14:00 | 0.4 | 202.5 | 19/06/2023 | 14:00 | 0.4 | 112.5 | 20/06/2023 | 14:00 | 1.3 | 180 |
| 17/06/2023 | 15:00 | 3.1 | 112.5 | 18/06/2023 | 15:00 | 0.4 | 225 | 19/06/2023 | 15:00 | 0.4 | 90 | 20/06/2023 | 15:00 | 0.9 | 90 |
| 17/06/2023 | 16:00 | 3.1 | 112.5 | 18/06/2023 | 16:00 | 0.4 | 135 | 19/06/2023 | 16:00 | 0.4 | 90 | 20/06/2023 | 16:00 | 0.4 | 22.5 |
| 17/06/2023 | 17:00 | 2.7 | 112.5 | 18/06/2023 | 17:00 | 0.4 | 135 | 19/06/2023 | 17:00 | 0.9 | 135 | 20/06/2023 | 17:00 | 0.9 | 90 |
| 17/06/2023 | 18:00 | 3.1 | 112.5 | 18/06/2023 | 18:00 | 1.3 | 135 | 19/06/2023 | 18:00 | 0.4 | 202.5 | 20/06/2023 | 18:00 | 1.8 | 112.5 |
| 17/06/2023 | 19:00 | 3.6 | 112.5 | 18/06/2023 | 19:00 | 0.4 | 45 | 19/06/2023 | 19:00 | 0.9 | 67.5 | 20/06/2023 | 19:00 | 1.3 | 67.5 |
| 17/06/2023 | 20:00 | 3.1 | 90 | 18/06/2023 | 20:00 | 0.4 | 90 | 19/06/2023 | 20:00 | 0.9 | 67.5 | 20/06/2023 | 20:00 | 0.9 | 45 |
| 17/06/2023 | 21:00 | 3.6 | 112.5 | 18/06/2023 | 21:00 | 0.4 | 247.5 | 19/06/2023 | 21:00 | 0.9 | 22.5 | 20/06/2023 | 21:00 | 1.3 | 45 |
| 17/06/2023 | 22:00 | 3.6 | 67.5 | 18/06/2023 | 22:00 | 0.4 | 270 | 19/06/2023 | 22:00 | 0.4 | 22.5 | 20/06/2023 | 22:00 | 1.3 | 67.5 |
| 17/06/2023 | 23:00 | 3.6 | 135 | 18/06/2023 | 23:00 | 0.4 | 247.5 | 19/06/2023 | 23:00 | 0.4 | 67.5 | 20/06/2023 | 23:00 | 1.3 | 67.5 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction |
|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|
| 21/06/2023 | 0:00 | 0.9 | 67.5 | 22/06/2023 | 0:00 | 0.4 | 90 | 23/06/2023 | 0:00 | 0.4 | 112.5 | 24/06/2023 | 0:00 | 1.8 | 45 |
| 21/06/2023 | 1:00 | 0.9 | 90 | 22/06/2023 | 1:00 | 0.4 | 67.5 | 23/06/2023 | 1:00 | 0.4 | 270 | 24/06/2023 | 1:00 | 1.3 | 22.5 |
| 21/06/2023 | 2:00 | 0.9 | 135 | 22/06/2023 | 2:00 | 0.4 | 90 | 23/06/2023 | 2:00 | 0.4 | 247.5 | 24/06/2023 | 2:00 | 0.9 | 112.5 |
| 21/06/2023 | 3:00 | 0.9 | 67.5 | 22/06/2023 | 3:00 | 0.4 | 247.5 | 23/06/2023 | 3:00 | 0.9 | 247.5 | 24/06/2023 | 3:00 | 0.9 | 112.5 |
| 21/06/2023 | 4:00 | 0.9 | 90 | 22/06/2023 | 4:00 | 0.4 | 90 | 23/06/2023 | 4:00 | 0.4 | 67.5 | 24/06/2023 | 4:00 | 1.3 | 135 |
| 21/06/2023 | 5:00 | 0.9 | 67.5 | 22/06/2023 | 5:00 | 0.9 | 45 | 23/06/2023 | 5:00 | 0.4 | 67.5 | 24/06/2023 | 5:00 | 1.8 | 135 |
| 21/06/2023 | 6:00 | 0.4 | 45 | 22/06/2023 | 6:00 | 1.3 | 90 | 23/06/2023 | 6:00 | 0.4 | 45 | 24/06/2023 | 6:00 | 1.8 | 135 |
| 21/06/2023 | 7:00 | 0.9 | 67.5 | 22/06/2023 | 7:00 | 1.3 | 112.5 | 23/06/2023 | 7:00 | 1.3 | 22.5 | 24/06/2023 | 7:00 | 0.4 | 135 |
| 21/06/2023 | 8:00 | 0.4 | 67.5 | 22/06/2023 | 8:00 | 0.9 | 67.5 | 23/06/2023 | 8:00 | 1.3 | 112.5 | 24/06/2023 | 8:00 | 0.4 | 135 |
| 21/06/2023 | 9:00 | 0.9 | 45 | 22/06/2023 | 9:00 | 0.9 | 112.5 | 23/06/2023 | 9:00 | 0.9 | 112.5 | 24/06/2023 | 9:00 | 0.4 | 135 |
| 21/06/2023 | 10:00 | 1.3 | 67.5 | 22/06/2023 | 10:00 | 1.3 | 112.5 | 23/06/2023 | 10:00 | 0.9 | 112.5 | 24/06/2023 | 10:00 | 0.9 | 112.5 |
| 21/06/2023 | 11:00 | 0.9 | 67.5 | 22/06/2023 | 11:00 | 0.9 | 112.5 | 23/06/2023 | 11:00 | 0.9 | 112.5 | 24/06/2023 | 11:00 | 0.4 | 112.5 |
| 21/06/2023 | 12:00 | 0.9 | 135 | 22/06/2023 | 12:00 | 0.4 | 112.5 | 23/06/2023 | 12:00 | 1.3 | 135 | 24/06/2023 | 12:00 | 0.9 | 112.5 |
| 21/06/2023 | 13:00 | 0.9 | 67.5 | 22/06/2023 | 13:00 | 0.4 | 112.5 | 23/06/2023 | 13:00 | 1.3 | 112.5 | 24/06/2023 | 13:00 | 0.9 | 112.5 |
| 21/06/2023 | 14:00 | 1.3 | 112.5 | 22/06/2023 | 14:00 | 0.4 | 135 | 23/06/2023 | 14:00 | 0.9 | 112.5 | 24/06/2023 | 14:00 | 0.9 | 112.5 |
| 21/06/2023 | 15:00 | 1.3 | 112.5 | 22/06/2023 | 15:00 | 0.9 | 135 | 23/06/2023 | 15:00 | 0.9 | 135 | 24/06/2023 | 15:00 | 0.4 | 112.5 |
| 21/06/2023 | 16:00 | 0.9 | 67.5 | 22/06/2023 | 16:00 | 0.9 | 157.5 | 23/06/2023 | 16:00 | 0.9 | 67.5 | 24/06/2023 | 16:00 | 0.9 | 112.5 |
| 21/06/2023 | 17:00 | 0.9 | 112.5 | 22/06/2023 | 17:00 | 0.4 | 135 | 23/06/2023 | 17:00 | 0.9 | 90 | 24/06/2023 | 17:00 | 0.9 | 135 |
| 21/06/2023 | 18:00 | 1.3 | 112.5 | 22/06/2023 | 18:00 | 0.9 | 112.5 | 23/06/2023 | 18:00 | 0.4 | 135 | 24/06/2023 | 18:00 | 0.4 | 112.5 |
| 21/06/2023 | 19:00 | 0.9 | 112.5 | 22/06/2023 | 19:00 | 0.9 | 112.5 | 23/06/2023 | 19:00 | 0.9 | 22.5 | 24/06/2023 | 19:00 | 0.4 | 135 |
| 21/06/2023 | 20:00 | 0.4 | 112.5 | 22/06/2023 | 20:00 | 0.4 | 112.5 | 23/06/2023 | 20:00 | 1.3 | 67.5 | 24/06/2023 | 20:00 | 0.9 | 67.5 |
| 21/06/2023 | 21:00 | 0.4 | 112.5 | 22/06/2023 | 21:00 | 0.9 | 135 | 23/06/2023 | 21:00 | 2.2 | 22.5 | 24/06/2023 | 21:00 | 0.4 | 22.5 |
| 21/06/2023 | 22:00 | 0.4 | 135 | 22/06/2023 | 22:00 | 1.3 | 135 | 23/06/2023 | 22:00 | 1.3 | 67.5 | 24/06/2023 | 22:00 | 0.4 | 135 |
| 21/06/2023 | 23:00 | 0.9 | 135 | 22/06/2023 | 23:00 | 1.8 | 67.5 | 23/06/2023 | 23:00 | 1.3 | 90 | 24/06/2023 | 23:00 | 1.3 | 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 |
|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|
| 25/06/2023 | 0:00 | 0.9 | 157.5 | 26/06/2023 | 0:00 | 1.8 | 67.5 | 27/06/2023 | 0:00 | 0.9 | 90 | 28/06/2023 | 0:00 | 0.4 | 112.5 |
| 25/06/2023 | 1:00 | 0.4 | 135 | 26/06/2023 | 1:00 | 1.8 | 67.5 | 27/06/2023 | 1:00 | 0.9 | 22.5 | 28/06/2023 | 1:00 | 0.9 | 112.5 |
| 25/06/2023 | 2:00 | 0.9 | 112.5 | 26/06/2023 | 2:00 | 1.8 | 67.5 | 27/06/2023 | 2:00 | 1.3 | 112.5 | 28/06/2023 | 2:00 | 0.4 | 90 |
| 25/06/2023 | 3:00 | 0.4 | 112.5 | 26/06/2023 | 3:00 | 1.3 | 67.5 | 27/06/2023 | 3:00 | 1.3 | 90 | 28/06/2023 | 3:00 | 1.3 | 22.5 |
| 25/06/2023 | 4:00 | 0.4 | 112.5 | 26/06/2023 | 4:00 | 1.3 | 90 | 27/06/2023 | 4:00 | 0.9 | 135 | 28/06/2023 | 4:00 | 0.9 | 337.5 |
| 25/06/2023 | 5:00 | 0.4 | 112.5 | 26/06/2023 | 5:00 | 0.9 | 67.5 | 27/06/2023 | 5:00 | 1.3 | 22.5 | 28/06/2023 | 5:00 | 0.9 | 135 |
| 25/06/2023 | 6:00 | 0.4 | 135 | 26/06/2023 | 6:00 | 0.9 | 135 | 27/06/2023 | 6:00 | 0.9 | 90 | 28/06/2023 | 6:00 | 1.8 | 22.5 |
| 25/06/2023 | 7:00 | 0.4 | 135 | 26/06/2023 | 7:00 | 1.8 | 45 | 27/06/2023 | 7:00 | 0.9 | 67.5 | 28/06/2023 | 7:00 | 1.8 | 22.5 |
| 25/06/2023 | 8:00 | 0.9 | 112.5 | 26/06/2023 | 8:00 | 1.8 | 135 | 27/06/2023 | 8:00 | 0.9 | 67.5 | 28/06/2023 | 8:00 | 1.3 | 45 |
| 25/06/2023 | 9:00 | 0.9 | 112.5 | 26/06/2023 | 9:00 | 1.3 | 90 | 27/06/2023 | 9:00 | 1.3 | 135 | 28/06/2023 | 9:00 | 0.9 | 67.5 |
| 25/06/2023 | 10:00 | 0.9 | 112.5 | 26/06/2023 | 10:00 | 1.3 | 90 | 27/06/2023 | 10:00 | 1.8 | 112.5 | 28/06/2023 | 10:00 | 1.8 | 22.5 |
| 25/06/2023 | 11:00 | 0.9 | 112.5 | 26/06/2023 | 11:00 | 1.3 | 90 | 27/06/2023 | 11:00 | 1.3 | 90 | 28/06/2023 | 11:00 | 0.9 | 112.5 |
| 25/06/2023 | 12:00 | 0.9 | 90 | 26/06/2023 | 12:00 | 0.9 | 90 | 27/06/2023 | 12:00 | 0.9 | 90 | 28/06/2023 | 12:00 | 0.4 | 112.5 |
| 25/06/2023 | 13:00 | 1.3 | 90 | 26/06/2023 | 13:00 | 1.3 | 90 | 27/06/2023 | 13:00 | 0.9 | 135 | 28/06/2023 | 13:00 | 1.3 | 90 |
| 25/06/2023 | 14:00 | 0.9 | 90 | 26/06/2023 | 14:00 | 1.3 | 90 | 27/06/2023 | 14:00 | 1.3 | 202.5 | 28/06/2023 | 14:00 | 1.8 | 90 |
| 25/06/2023 | 15:00 | 1.3 | 90 | 26/06/2023 | 15:00 | 0.9 | 112.5 | 27/06/2023 | 15:00 | 0.9 | 67.5 | 28/06/2023 | 15:00 | 1.3 | 67.5 |
| 25/06/2023 | 16:00 | 1.3 | 90 | 26/06/2023 | 16:00 | 0.9 | 135 | 27/06/2023 | 16:00 | 0.9 | 67.5 | 28/06/2023 | 16:00 | 0.9 | 90 |
| 25/06/2023 | 17:00 | 1.3 | 112.5 | 26/06/2023 | 17:00 | 0.9 | 112.5 | 27/06/2023 | 17:00 | 0.9 | 22.5 | 28/06/2023 | 17:00 | 1.3 | 90 |
| 25/06/2023 | 18:00 | 0.9 | 112.5 | 26/06/2023 | 18:00 | 0.9 | 112.5 | 27/06/2023 | 18:00 | 0.9 | 22.5 | 28/06/2023 | 18:00 | 1.3 | 90 |
| 25/06/2023 | 19:00 | 0.4 | 112.5 | 26/06/2023 | 19:00 | 0.9 | 112.5 | 27/06/2023 | 19:00 | 0.4 | 67.5 | 28/06/2023 | 19:00 | 0.9 | 22.5 |
| 25/06/2023 | 20:00 | 0.4 | 247.5 | 26/06/2023 | 20:00 | 0.4 | 45 | 27/06/2023 | 20:00 | 90 | 112.5 | 28/06/2023 | 20:00 | 1.8 | 45 |
| 25/06/2023 | 21:00 | 0.4 | 270 | 26/06/2023 | 21:00 | 0.9 | 67.5 | 27/06/2023 | 21:00 | 22.5 | 22.5 | 28/06/2023 | 21:00 | 0.4 | 112.5 |
| 25/06/2023 | 22:00 | 1.3 | 22.5 | 26/06/2023 | 22:00 | 0.9 | 22.5 | 27/06/2023 | 22:00 | 112.5 | 247.5 | 28/06/2023 | 22:00 | 0.9 | 45 |
| 25/06/2023 | 23:00 | 1.3 | 22.5 | 26/06/2023 | 23:00 | 1.3 | 45 | 27/06/2023 | 23:00 | 90 | 112.5 | 28/06/2023 | 23:00 | 0.9 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|------------|-------|------------------------|-------------------|------------|-------|------------------------|-------------------|------|------|------------------------|-------------------|------|------|------------------------|-------------------|
| 29/06/2023 | 0:00 | 0.4 | 292.5 | 30/06/2023 | 0:00 | 1.3 | 67.5 | | | | | | | | |
| 29/06/2023 | 1:00 | 1.3 | 67.5 | 30/06/2023 | 1:00 | 1.8 | 22.5 | | | | | | | | |
| 29/06/2023 | 2:00 | 0.4 | 337.5 | 30/06/2023 | 2:00 | 1.3 | 67.5 | | | | | | | | |
| 29/06/2023 | 3:00 | 0.9 | 67.5 | 30/06/2023 | 3:00 | 1.3 | 45 | | | | | | | | |
| 29/06/2023 | 4:00 | 1.3 | 90 | 30/06/2023 | 4:00 | 1.3 | 22.5 | | | | | | | | |
| 29/06/2023 | 5:00 | 1.8 | 90 | 30/06/2023 | 5:00 | 0.9 | 180 | | | | | | | | |
| 29/06/2023 | 6:00 | 0.9 | 135 | 30/06/2023 | 6:00 | 0.9 | 270 | | | | | | | | |
| 29/06/2023 | 7:00 | 1.3 | 112.5 | 30/06/2023 | 7:00 | 0.4 | 45 | | | | | | | | |
| 29/06/2023 | 8:00 | 1.3 | 90 | 30/06/2023 | 8:00 | 1.3 | 45 | | | | | | | | |
| 29/06/2023 | 9:00 | 1.3 | 112.5 | 30/06/2023 | 9:00 | 2.2 | 90 | | | | | | | | |
| 29/06/2023 | 10:00 | 1.3 | 67.5 | 30/06/2023 | 10:00 | 0.9 | 112.5 | | | | | | | | |
| 29/06/2023 | 11:00 | 1.3 | 112.5 | 30/06/2023 | 11:00 | 1.8 | 90 | | | | | | | | |
| 29/06/2023 | 12:00 | 1.3 | 112.5 | 30/06/2023 | 12:00 | 1.3 | 315 | | | | | | | | |
| 29/06/2023 | 13:00 | 1.3 | 90 | 30/06/2023 | 13:00 | 1.3 | 292.5 | | | | | | | | |
| 29/06/2023 | 14:00 | 0.9 | 337.5 | 30/06/2023 | 14:00 | 1.3 | 135 | | | | | | | | |
| 29/06/2023 | 15:00 | 0.9 | 90 | 30/06/2023 | 15:00 | 0.9 | 45 | | | | | | | | |
| 29/06/2023 | 16:00 | 1.3 | 112.5 | 30/06/2023 | 16:00 | 0.9 | 45 | | | | | | | | |
| 29/06/2023 | 17:00 | 1.3 | 67.5 | 30/06/2023 | 17:00 | 1.8 | 112.5 | | | | | | | | |
| 29/06/2023 | 18:00 | 1.3 | 112.5 | 30/06/2023 | 18:00 | 1.8 | 112.5 | | | | | | | | |
| 29/06/2023 | 19:00 | 1.3 | 112.5 | 30/06/2023 | 19:00 | 1.8 | 67.5 | | | | | | | | |
| 29/06/2023 | 20:00 | 1.3 | 90 | 30/06/2023 | 20:00 | 1.3 | 112.5 | | | | | | | | |
| 29/06/2023 | 21:00 | 0.9 | 337.5 | 30/06/2023 | 21:00 | 1.3 | 90 | | | | | | | | |
| 29/06/2023 | 22:00 | 0.9 | 90 | 30/06/2023 | 22:00 | 1.8 | 90 | | | | | | | | |
| 29/06/2023 | 23:00 | 1.3 | 112.5 | 30/06/2023 | 23:00 | 0.9 | 67.5 | | | | | | | | |

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 | eight (g) | Particulate | Elapse | e Time | Sampling Time | Flow (cf | | Av. Flow | Total vol. | Conc. |
|------------|---------|--------------|-------------------------|-----------|-----------|-------------|--------------------|--------------------|------------------|-------------|-------|-----------------------|-------------------|----------------------|
| | | (°C) | (hPa) | Initial | Final | weight (g) | Initial | Final | (min) | Initial | Final | (m ³ /min) | (m ³) | (µg/m ³) |
| 03/06/2023 | Sunny | 32.8 | 1007.6 | 14.8388 | 14.8924 | 0.0536 | 2023/6/3 9:24 | 2023/6/4 9:24 | 1440 | 46 | 46 | 1.25 | 1804 | 30 |
| 09/06/2023 | Cloudy | 26.6 | 1004.2 | 18.4233 | 18.4848 | 0.0615 | 2023/6/9 9:28 | 2023/6/10 9:28 | 1440 | 46 | 46 | 1.25 | 1802 | 34 |
| 15/06/2023 | Cloudy | 28.8 | 1005.1 | 18.6267 | 18.7762 | 0.1495 | 2023/6/15 13:27 | 2023/6/16 13:27 | 1440 | 46 | 46 | 1.26 | 1814 | 82 |
| 21/06/2023 | Sunny | 32.6 | 1007.4 | 18.4571 | 18.5778 | 0.1207 | 2023/6/21 9:21 | 2023/6/22 9:21 | 1440 | 46 | 46 | 1.27 | 1823 | 66 |
| 27/06/2023 | Sunny | 32.4 | 1009.5 | 14.8904 | 14.9611 | 0.0707 | 2023/6/27 13:24 | 2023/6/28 13:24 | 1440 | 46 | 46 | 1.27 | 1826 | 39 |
| | | | | | | | | | | | | Maxim | num | 82 |
| | | | | | | | | | | | | Minim | um | 30 |
| | | | | | | | | | | | | Avera | ıge | 50 |
| | | | | | | | | | | | | Action I | Level | 182 |
| | | | | | | | | | | | | Limit L | evel | 260 |

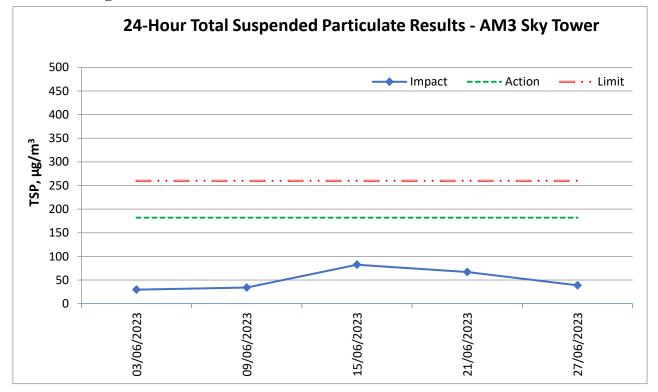
Location: AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop

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.

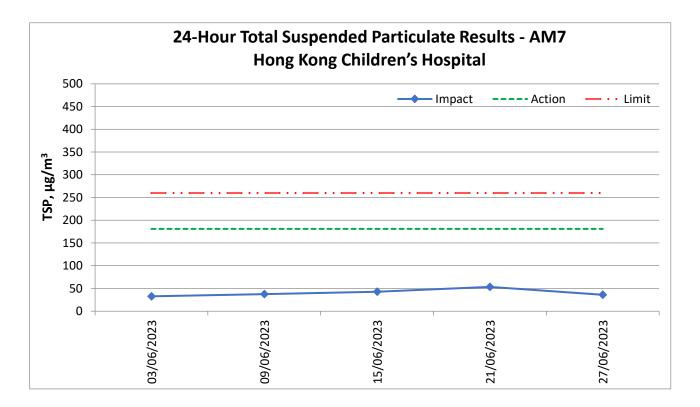
| Start Date | Weather | Air Temp. | Atmospheric Pressure | Filter we | eight (g) | Particulate | Elapse | e Time | Sampling Time | Flow (cfi | | Av. Flow | Total vol. | Conc. (y_{2}/y_{3}^{2}) |
|------------|---------|--------------|-------------------------|-----------|-----------|-------------|----------|----------|------------------|--------------|-------|-----------------------|-------------------|---------------------------|
| | | (°C) | (hPa) | Initial | Final | weight (g) | Initial | Final | (min) | Initial | Final | (m ³ /min) | (m ³) | $(\mu g/m^3)$ |
| 03/06/2023 | Sunny | 32.8 | 1007.6 | 18.5734 | 18.6359 | 0.0625 | 10687.09 | 10711.11 | 1441 | 48 | 48 | 1.32 | 1909 | 33 |
| 09/06/2023 | Cloudy | 26.6 | 1004.2 | 18.4715 | 18.5463 | 0.0748 | 10713.37 | 10737.39 | 1441 | 50 | 50 | 1.39 | 2006 | 37 |
| 15/06/2023 | Cloudy | 28.8 | 1005.1 | 14.8045 | 14.8902 | 0.0857 | 10738.27 | 10762.29 | 1441 | 50 | 50 | 1.39 | 2000 | 43 |
| 21/06/2023 | Sunny | 32.6 | 1007.4 | 18.3934 | 18.4998 | 0.1064 | 10762.75 | 10786.77 | 1441 | 50 | 50 | 1.37 | 1971 | 54 |
| 27/06/2023 | Sunny | 32.4 | 1009.5 | 18.5833 | 18.6518 | 0.0685 | 10787.55 | 10811.57 | 1441 | 48 | 48 | 1.31 | 1895 | 36 |
| | | | | | | | | | | | | Maxim | um | 54 |
| | | | | | | | | | | | | Minim | um | 33 |
| | | | | | | | | | | | | Avera | lge | 41 |
| | | | | | | | | | | | | Action I | Level | 181 |
| | | | | | | | | | | | | Limit L | evel | 260 |

Location: AM7 – Hong Kong Children's Hospital

24-hour average TSP



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



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

| 9:00 10:00 11:00 9:00 10:00 11:00 13:00 14:00 | - - - - | 10:00 11:00 12:00 10:00 11:00 | 28 31 30 33 35 | Sunny |
|--|---|---|---|--|
| 11:00 9:00 10:00 11:00 13:00 | | 12:00 10:00 11:00 | 30 33 | |
| 9:00 10:00 11:00 13:00 | - | 10:00 11:00 | 33 | <u> </u> |
| 10:00 11:00 13:00 | - | 11:00 | | <u>C1</u> 1 |
| 11:00 13:00 | - | | 35 | C_{1} |
| 13:00 | | | 55 | Cloudy |
| | | 12:00 | 33 | |
| 1/1.00 | - | 14:00 | 74 | |
| 14.00 | - | 15:00 | 78 | Cloudy |
| 15:00 | - | 16:00 | 75 | - |
| 9:00 | - | 10:00 | 61 | |
| 10:00 | - | 11:00 | 66 | Sunny |
| 11:00 | - | 12:00 | 67 | |
| 13:00 | - | 14:00 | 43 | |
| 14:00 | - | 15:00 | 49 | Sunny |
| 15:00 | - | 16:00 | 51 | |
| ximum | l | | 78 | |
| nimum | | | 28 | |
| verage | | | 50 | |
| on Leve | | | | |
| 1: 1: 1: ni | 3:00 4:00 5:00 imum imum erage n Leve | 3:00 - 4:00 - 5:00 - imum | 3:00 - 14:00 4:00 - 15:00 5:00 - 16:00 imum - - erage - - n Level - - | 3:00 - 14:00 43 4:00 - 15:00 49 5:00 - 16:00 51 imum 78 imum 28 prage 50 n Level 297 |

Location:

AM3 -

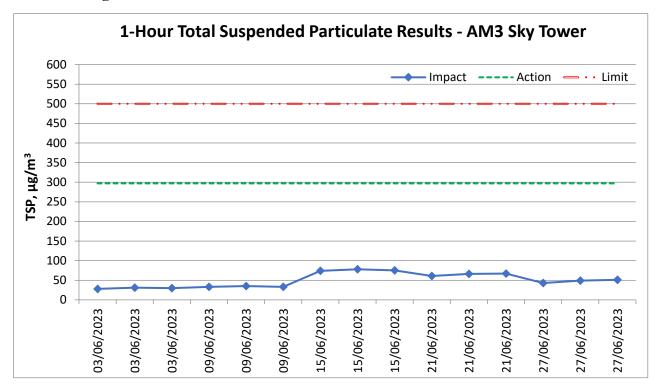
Sky Tower

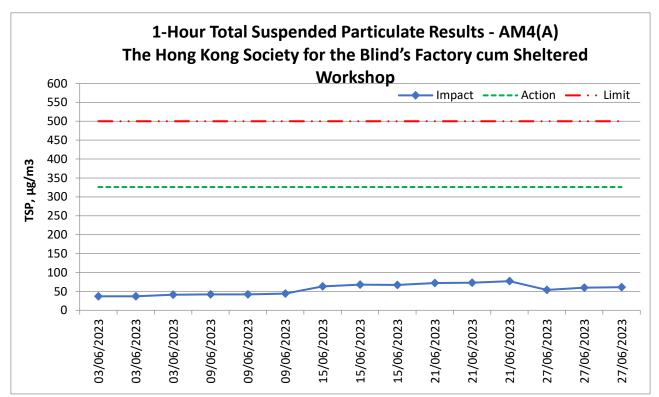
| | Date | Measure | me | nt Period | 1-hr TSP concentration, µg/m ³ | Weather |
|-----------------|------------|-----------|----|-----------|---|---------|
| Location: | | 13:00 | - | 14:00 | 37 | |
| AM4(A) - | 03/06/2023 | 14:00 | - | 15:00 | 37 | Sunny |
| The Hong Kong | | 15:00 | - | 16:00 | 41 | |
| Society for the | | 9:00 | - | 10:00 | 42 | |
| Blind's Factory | 09/06/2023 | 10:00 | - | 11:00 | 42 | Cloudy |
| cum Sheltered | | 11:00 | - | 12:00 | 44 | |
| Workshop | | 13:00 | - | 14:00 | 63 | |
| | · | 14:00 | - | 15:00 | 68 | Cloudy |
| | | 15:00 | - | 16:00 | 67 | |
| | | 13:00 | - | 14:00 | 72 | |
| | 21/06/2023 | 14:00 | - | 15:00 | 73 | Sunny |
| | | 15:00 | - | 16:00 | 77 | |
| | | 9:00 | - | 10:00 | 54 | |
| | 27/06/2023 | 10:00 | - | 11:00 | 60 | Sunny |
| | | 11:00 | - | 12:00 | 61 | |
| | Ν | /laximum | | | 77 | |
| | N | Ainimum | | | 37 | |
| | | Average | | | 56 | |
| | | tion Leve | | | 326 | |
| | Li | imit Leve | | | 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.

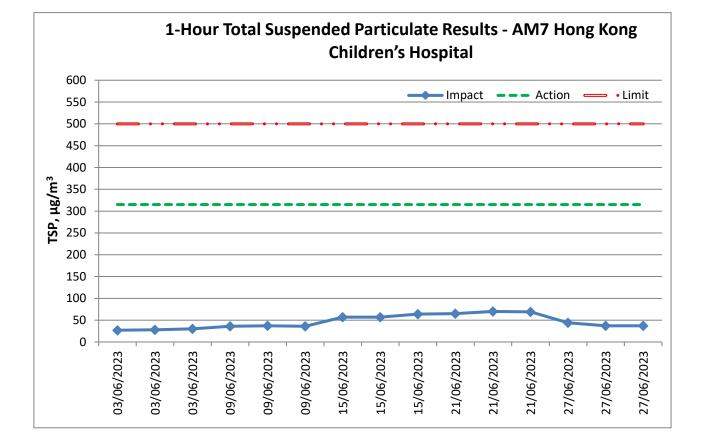
| | | Date | Measure | emei | nt Period | 1-hr TSP concentration, µg/m ³ | Weather |
|------------|------|------------|------------|------|-----------|---|---------|
| Location: | | | 9:00 | - | 10:00 | 27 | |
| AM7 - | | 03/06/2023 | 10:00 | - | 11:00 | 28 | Sunny |
| Hong | Kong | | 11:00 | - | 12:00 | 30 | |
| Children's | 0 | | 13:00 | - | 14:00 | 36 | |
| Hospital | | 09/06/2023 | 14:00 | - | 15:00 | 37 | Cloudy |
| | | | 15:00 | - | 16:00 | 36 | |
| | | | 9:00 | - | 10:00 | 57 | |
| | | 15/06/2023 | 10:00 | - | 11:00 | 57 | Cloudy |
| | | | 11:00 | - | 12:00 | 64 | |
| | | | 9:30 | - | 10:30 | 65 | |
| | | 21/06/2023 | 10:30 | - | 11:30 | 70 | Sunny |
| | | 21/00/2023 | 13:00 | - | 14:00 | 69 | |
| | | | 13:00 | - | 14:00 | 44 | |
| | | 27/06/2023 | 14:00 | - | 15:00 | 37 | Sunny |
| | | | 15:00 | - | 16:00 | 37 | |
| | | Ν | laximum | | | 70 | |
| | | Ν | /linimum | | | 27 | |
| | | | Average | | | 46 | |
| | | Ac | ction Leve | l | | 315 | |
| | | L | imit Level | [| | 500 | |

1-hour average TSP





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



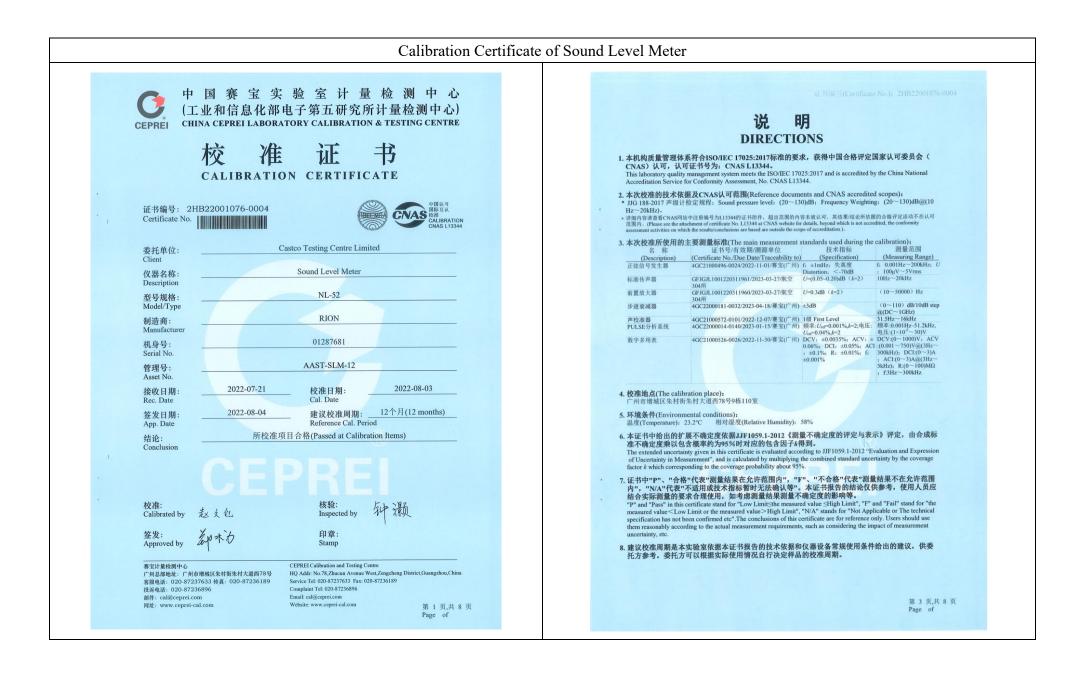
Appendix J – Event and Action Plan for air quality

| E (| | Action | | |
|--|---|---|--|---|
| Event | ET | IEC | Supervisor / ER | Contractor |
| Action Level being exceeded by one sampling | Identify source and investigate the causes of exceedance; Inform Contractor, IEC and Supervisor /ER; Repeat measurement to confirm finding. | Check monitoring data 1. submitted by ET; Check Contractor's working method. | Notify Contractor. | Rectify any unacceptable practice; Amend working methods if appropriate. |
| Action Level being exceeded by two or more consecutive | 1. Identify source and investigate the causes of exceedance; | Check monitoring data 1. submitted by ET; Check Contractor's | notification of exceedance in writing; | 1. Discuss with ET and IEC on proper remedial actions; |
| sampling | 2. Inform Contractor, IEC and Supervisor /ER; | working method;2.3. Discuss with ET and3. | | 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; | 4. Advise the Supervisor /ER on the effectiveness of the proposed remedial 4. | measures to be implemented; Supervise implementation | of notification; 3. Implement the agreed proposals; |
| | 5. Assess the effectiveness of Contractor's remedial actions; | measures. 5. | and IEC if exceedance | 4. Amend proposal if appropriate. |
| | 6. If exceedance continues, arrange meeting with IEC and Supervisor /ER; | | continues. | |
| | 7. If exceedance stops, cease additional monitoring. | | | |
| Limit Level being | | 1. Check monitoring data 1. | Confirm receipt of | 1. Take immediate action to |
| exceeded by one sampling | investigate the causes of exceedance; | submitted by ET; 2. Check Contractor's | notification of exceedance in writing; | avoid further exceedance;Discuss with ET and IEC |
| | 2. Inform Contractor, IEC, Supervisor /ER, and EPD; | working method; 2. 3. Discuss possible remedial 3. | Notify Contractor; In consolidation with the | on proper remedial actions; |
| | Supervisor /ER, and EPD; Repeat measurement to confirm finding; | measures with ET and Contractor; | IEC, agree with the Contractor on the remedial | 3. Submit proposal for remedial actions to |
| | 4. Assess effectiveness of | 4. Advise the Supervisor /ER | measures to be | Supervisor /ER and IEC |

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

Appendix K – Calibration certificates, catalogue of noise monitoring equipment

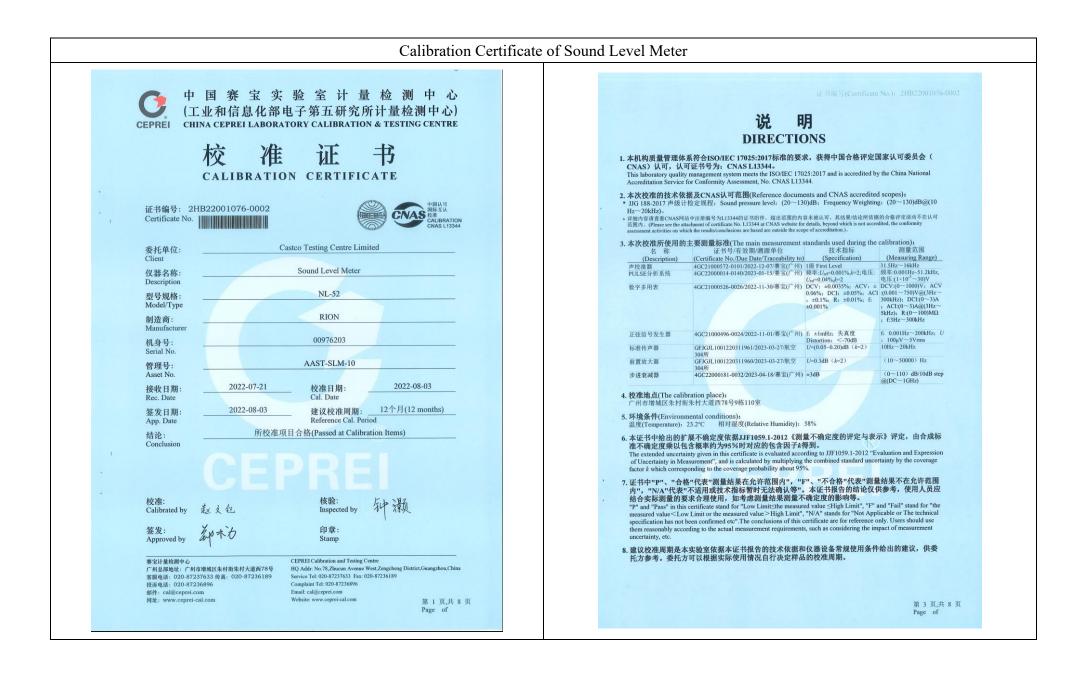
| Speci | fications | Â | Â | | | | | |
|-------------------------|--|---|---|-----------|--|-------------------------|---|--|
| | | | | Data n | | | Allows viewing of stored data | on he assed in internet normens for later re- |
| Applicable | e standards | NL-52 | NL-42 | | memory | | Start up via file settings previou | an be saved in internal memory, for later rec Isly stored on SD card possible |
| , tobulousie | , standards | ANSI S1.4-1983 Type 1 | ANSI S1.4-1983 Type 2 | | orm recording * 3 e format | _ | Uncompressed waveform WAV | F file |
| | • | ANSI S1.4A-1985 Type 1 ANSI S1.43-1997 Type 1 | ANSI S1.4A-1985 Type 2 ANSI S1.43-1997 Type 2 | San | npling frequency | | Select 48 kHz, 24 kHz or 12 kH | |
| | | JIS C 1509-1: 2005 Class 1 | ■JIS C 1509-1: 2005 Class 2 1/●8/●C, Low Voltage Directive 2006/95/EC), | | ta length DC output | | Select 24 bit or 16 bit Output DC signals using a frequence | cy weighting characteristic selected by processi |
| | | | HS (export model for China only) | | Output volta | | 2.5 V, 25 mV / dB at bar graph of | display full scale Jency weighting characteristic selected by |
| Measuren | nent functions | Simultaneous measurement of weighting and frequency weigh | f the following items, with selected time | | AC output | | processing or by A, C, Z-weight | ling. |
| Proces | sing (main ch) | Instantaneous sound pressure | level: Lp | | Output volta Comparator | | 1 V (rms values) at bar graph di Turns on when the open-collect | |
| | | Equivalent continuous sound p Sound exposure level: LE | ressure level: Leg | | output*2 | | (max. applied voltage 24 V, max. | current 60 mA, allowable dissipation 300 mV |
| | | Maximum sound pressure leve | | USB | | | Allows USB to be connected to a Allows USB to be controlled via c | computer and recognized as a removable o communication commands |
| | | Minimum sound pressure level Percentile sound levels: LN (0.1 | to 99.9 %, 0.1-increment steps, max. 5 values) | | 2C communicat | | Allows for RS-232C communica | ation via use of a dedicated cable |
| | sing (sub ch) nal processing | Instantaneous sound pressure In addition to main processing | level: Lp items, one of the following can be selected | Тур | ontinuous output | value | Lp | |
| | pressoning | for simultaneous processing: | | dat | a Processed v. tput interval | | Leq, Lmax, Lmin, Lpeak 100 ms | |
| | | C-weighted equivalent continu C-weighted peak sound level: | - | Print o | out | | Printing of measurement results | |
| | | Z-weighted peak sound level: I I-time-weighted equivalent contin | | | tery life (23 °C) | | | ne or rechargeable batteries) or external power supp Ni-MH secondary battery: 25 h |
| | | Maximum 1-time-weighted equiva | alent continuous sound level: LAImax*2 | | adapter | | At the maximum * Depends on NC-98C (NC-34 for previous me | the setting |
| | | | um level of each 5 second interval: LAtm 5 nal processing synchronizes with the frequency weighting | Ext | ernal power volta | age | 5 to 7 V (rated voltage: 6 V) | |
| | | of the sub-channel, so when the sub-ch | nannel has A-weighting, LAtm5 can be selected. | Cur | nt Temperatu | _ | Approximately 90 mA (normal o −10 to +50 °C | operation, rated voltage) |
| | | (Lzpeak) are selectable. | selected, the additional processing $LCeq$ and $LCpeak$ | conditi | ons Humidity | | 10 to 90 % RH (non-condensing IP code: IP54 (except for microp | |
| Measurinç Microphone | | 10 s, 1, 5, 10, 15, 30 m, 1, 8, 2 UC-59 | 4 h, and manual (maximum 24 h) UC-52 | perform | oof / water-resist mance *4 | | See precautions regarding wate | arproofing |
| | Sensitivity level | -27 dB | -33 dB | | isions, weight ed accessories | | | nm(D), approx. 400 g (with batteries) 5-10 x 1, Windscreen fall prevention rubber x |
| Measuren | nent range | A-weighting: 25 dB to 138 dB C-weighting: 33 dB to 138 dB | | | | | Hand strap x 1, LR6 (AA) alkaline | batteries x 4, SD card 512 MB×1 (NX-42EX |
| | | Z-weighting: 38 dB to 138 dB C-weighting peak sound level: | 55 dB to 141 dB | | | | preinstalled model only) | |
| | | Z-weighting peak sound level: | 60 dB to 141 dB | Optio | | Drodu | uct name | Product number |
| Inherent noise | A-weighting C-weighting | 17 dB or less 25 dB or less | 19 dB or less 27 dB or less | | ded function pro | ogram | (Inst.on 512 MB SD card) | NX-42EX |
| | Z-weighting | 30 dB or less | 32 dB or less | | | | am *2 (Inst.on 2 GB SD card) sis program *2 (Inst.on 512 MB SD card) | NX-42WR NX-42RT |
| Frequenc Frequenc | y range y weighting | 20 Hz to 20 kHz A, C, and Z | 20 Hz to 8 kHz | FFT a | nalysis program | n ∗ <mark>2 (I</mark> r | nst.on 512 MB SD card) | NX-42FT |
| Time weig Level rang | Inting | F (Fast) and S (Slow) Single range (Linearity range: | 142 dD) | Data n | nanagement soft | ware f | for environmental measurement for environmental measurement | AS-60 AS-60RT |
| Bar grap | h display range max | Max. 110 dB (20 to 130 dB) | | | | | ctave data management software) for environmental measurement I data management software) | AS-60VM |
| | of bar graph display | Set the upper/ lower limit in 10 Digital processing method | dB increments. | | des the vibration form analysis so | | | CAT-WAVE |
| Sampling | cycle | 20.8 µs (Lp, Leq, LE, Lmax, Lmin, 100 ms (LN) | Lpeak : sampling frequency: 48 kHz) | | ard 512 MB ard 2 GB | | | SD-512M SD-2G |
| Calibratio | n | | ation performed according to IEC and JIS standards, | AC ad | lapter (100 ∨ to | 240 \ | /) | NC-98C |
| Correctior | functions | using internally generated signals: a Windscreen correction: | acoustic calibration performed with the NC-74. | | y pack phone extension | n cabl | es | BP-21 EC-04 (from 2 m) |
| | | | C 1509-1 standards when the windscreen is installed. | | Pin output code arator output ca | hla | | CC-24 CC-42C |
| | | Diffuse sound field correction: Correction of frequency chara | acteristics in order to comply with standards | Printe | r | ible | | DPU-414 |
| Delay time | 9 | (ANSI S1.4) in diffuse sound fi The meter can be set to start me | eld. easuring a specified time (OFF, 1, 3, 5 or 10 s) | | r cable 82C serial ⊥/O ca | able | | CC-42P CC-42R |
| - | | after the start button has been | pressed or when a user-set trigger is exceeded. | USB d | cable | | | _ |
| Back eras | e function | | ed to pause measurement, the preceding data are excluded from processing. | | d calibrator ather windscree | en | | NC-74 WS-15 |
| Display | | Backlit semitransparent color 1 | FT LCD display WQVGA (400 x 240 dots) | | creen mounting | | oter | WS-15006 WS-16 |
| | | * LCD with touch panel (Capa Numerical display update frequer | citive Touch Panel) ncy: 1 sEEBar graph update frequency: 100 ms | Sound | d level meter trip | bod | | ST-80 |
| Storel Ma | nual Number of data | | e stored manually in single address increments. | *1 Use | ather windscree Rion fully guarante | eed pr | oducts. *2 NX-42EX required (sold s | ST-81 separately). *3 NX-42WR required (sold separa |
| 2 2 | | SD Card: depends on the capa | acity of the SD Card *1 | *4 Pro | tection against h utions regardin | narmfu | I dust and water splashing from | any direction. |
| EEEAu | to*2 | Instantaneous values (Lp mode stored continuously and autom | and processed values (Leg mode) are natically at preset intervals. | Before | use, verify that th | he rub | ber bottom cover and the battery | |
| | Lp sampling cycle | 100 ms, 200 ms, 1 s, Leg 1s | | io mair | main the Water ar | na dus | st proof rating, internal packing rep | placement is required every two years (at co |
| | Leg sampling cycle Measurement Time | 10 s, 1, 5, 10, 15, 30 ms, 1, 8, Max. 1000 h (depends on the | | | | | | ISO 14001 |
| | | | | | | | | |
| Window | s is a trademar | k of Microsoft Corporation. | | | | | | ISO 14001 RION CO., LTD. |
| | | to change without notice. | | | | | | ISO 9001 RION CO., LTD. 150 9001 |
| Distribu | ted by: | | | J | | | | |
| | | | | \langle | | F | RION CO | O., LTD. |
| | | | | | | | p://www.rion.co.jp/eng | |
| | | | | 3-20 | -41, Higas | | | nji, Tokyo 185-8533, Japa |
| | | | | | | | 7888 Fax: +81-42- | |
| | | | | | | | | |



| C. | 证书编号(Certificate No.): 2HB22001076 | 6.0004 | CEPREI | | | 证书编号 | (Certificate No.): | 2HB22001076 | 5-0004 |
|--|--|---------------|-----------------|-------------------|---------------------|-------------|---------------------------------------|-------------|------------|
| CEPREI | 业书编亏(Certificate No.): 2HB22001076 | 6-0004 | 4 A计权特 | E(A-Weighting Cha | racteristic) | | | | |
| 1 外观与工作正常性检查 (Appearance and Function Cl | heck) | | 频率 | 实测值 | 理论值 | 误差 | 允许误差 | 结论 | U |
| 无影响证书中测量结果准确度的因素和缺陷。 | | | (Frequen | cy) (Actual) | (Theoretical value) | (Error) | (Limit) | (Pass/Fail) | (k=2) |
| There are no factor and defect that affect the measure | surement result accuracy of the certificate. | | (Hz) | (dB) | (dB) | (dB) | (dB) | (P/F) | (dB) |
| a data mandra burdet en er en en en en en er en er | 频率(Frequency)=100 | 0011- | 20 | -50.7 | -50.5 | -0.2 | ±2.0 | Р | 0.5 |
| 2 指示声级调整 (Indication SPL Calibration) 传声器型号 传声器编号 | 放大器型号 放大器编号 | | 25 | -45.0 | -44.7 | -0.3 | +2.0 ~ -1.5 | Р | 0.5 |
| (Microphone Type) (Microphone SN.) | (Preamplifier Type) (Preamplifier SN | | 31.5 | -39.6 | -39.4 | -0.2 | ±1.5 | Р | 0.5 |
| / / / | (reamprise type) (reamprise or | | 40 | -34.6 | -34.6 | 0.0 | ±1.0 | Р | 0.5 |
| | | | 50 | -30.2 | -30.2 | 0.0 | ±1.0 | Р | 0.5 |
| 声校准器型号 标准声压级 | 校准前示值 校准后示值 | U | 63 80 | -26.1 -22.3 | -26.2 -22.5 | 0.1 0.2 | ±1.0 | P P | 0.5 |
| (Calibrator Type) (Reference SPL) | (Before Calibration) (After Calibration) | (k=2) | 100 | -22.3 | -22.5 | 0.2 | ±1.0 ±1.0 | P | 0.5 0.5 |
| (dB) | (dB) (dB) | (dB) | 125 | -16.1 | -16.1 | 0.0 | ±1.0 | P | 0.5 |
| 4226 94.0 | 93.8 93.8 | 0.2 | 160 | -13.2 | -13.4 | 0.2 | ±1.0 | Р | 0.5 |
| | | | 200 | -10.7 | -10.9 | 0.2 | ±1.0 | Р | 0.5 |
| 3 级线性 (Level Linearity) | E #/P ROOTL | | 250 | -8.7 | -8.6 | -0.1 | ±1.0 | Р | 0.5 |
| | 质率(Frequency): 8000Hz 级(Sound Level Indication of Start Point): 90.0 df | в | 315 | -6.8 | -6.6 | -0.2 | ±1.0 | Р | 0.4 |
| | m Error for each 10dB above Start Point): -0.2 dB | | 400 | -4.7 | -4.8 | 0.1 | ±1.0 | Р | 0.4 |
| EXIM ST PHYTOD MUTRY COLE (MAXIMU | U (k=2) 0.6 dI | | 500 | -3.1 | -3.2 | 0.1 | ±1.0 | Р | 0.4 |
| 上限以下5dB间隔1dB点的最大误差(Maximum Erro | | | 630 | -1.8 | -1.9 | 0.1 | ±1.0 | Р | 0.4 |
| | U (k=2) 0.6 dH | в | 800 1000/P- | -0.7 E.) 0.0 | -0.8 0.0 | 0.1 | ±1.0 | P P | 0.4 |
| 起始点以下间隔10dB点的最大误差(Maximun | m Error for each 10dB below Start Point): -0.2 dB | В | 1000(Re 1250 | 0.6 | 0.6 | 0.0 | ±0.7 ±1.0 | P | 0.4 0.6 |
| | U (k=2) 0.6 dI | | 1600 | 1.0 | 1.0 | 0.0 | ±1.0 | P | 0.6 |
| 下限以上5dB间隔1dB点的最大误差(Maximum Erro | | | 2000 | 1.1 | 1.2 | -0.1 | ±1.0 | Р | 0.6 |
| | U(k=2) 0.6 dB | В | 2500 | 1.1 | 1.3 | -0.2 | ±1.0 | Р | 0.6 |
| 3.2 其它级量程 (Other Range) 頻 | 页率(Frequency): 1000Hz | | 3150 | 1.0 | 1.2 | -0.2 | ±1.0 | Р | 0.6 |
| a second a media mana a seconda de seconda d | 级(Sound Level Indication of Start Point): 90.0 dl | в | 4000 | 0.7 | 1.0 | -0.3 | ±1.0 | Р | 0.6 |
| | m Error for each 10dB above Start Point): -0.1 dl | | 5000 | 0.4 | 0.5 | -0.1 | ±1.5 | Р | 0.6 |
| | U (k=2) 0.4 dl | | 6300 | -0.2 | -0.1 | -0.1 | +1.5 ~ -2.0 | Р | 0.6 |
| 上限以下5dB间隔1dB点的最大误差(Maximum Erro | or for each 1dB below Upper Limit 5dB): -0.1 dl | В | 8000 | -1.0 | -1.1 | 0.1 | +1.5 ~ -2.5 | Р | 0.6 |
| | U (k=2) 0.4 dl | В | 12500 | -2.3 -4.2 | -2.5 -4.3 | 0.2 0.1 | +2.0 ~ -3.0 | P P | 0.6 |
| 起始点以下间隔10dB点的最大误差(Maximun | m Error for each 10dB below Start Point): -0.1 dl | | 16000 | -4.2 | -4.5 | -1.9 | $+2.0 \sim -5.0$ $+2.5 \sim -16.0$ | P P | 1.0 1.0 |
| | U(k=2) 0.4 dl | | 20000 | -18.4 | -9.3 | -9.1 | +3.0 ~ -00 | P | 1.0 |
| 下限以上5dB间隔1dB点的最大误差(Maximum Erro | | | | | | | | | |
| | U (k=2) 0.4 dl | Б | | | | | | | |
| | | | 第6页,1 | 8 而 | 数据页(Data sh | eet) ID 0 | 71288 | | |
| 数据页(Data sh | heet) ID: 071288 第5页 Page of | 页,共 8 页 of | Page of | C O A | 或语只(Data sh | ieety ID: 0 | /1200 | | |
| | rage | | | | | | | | |

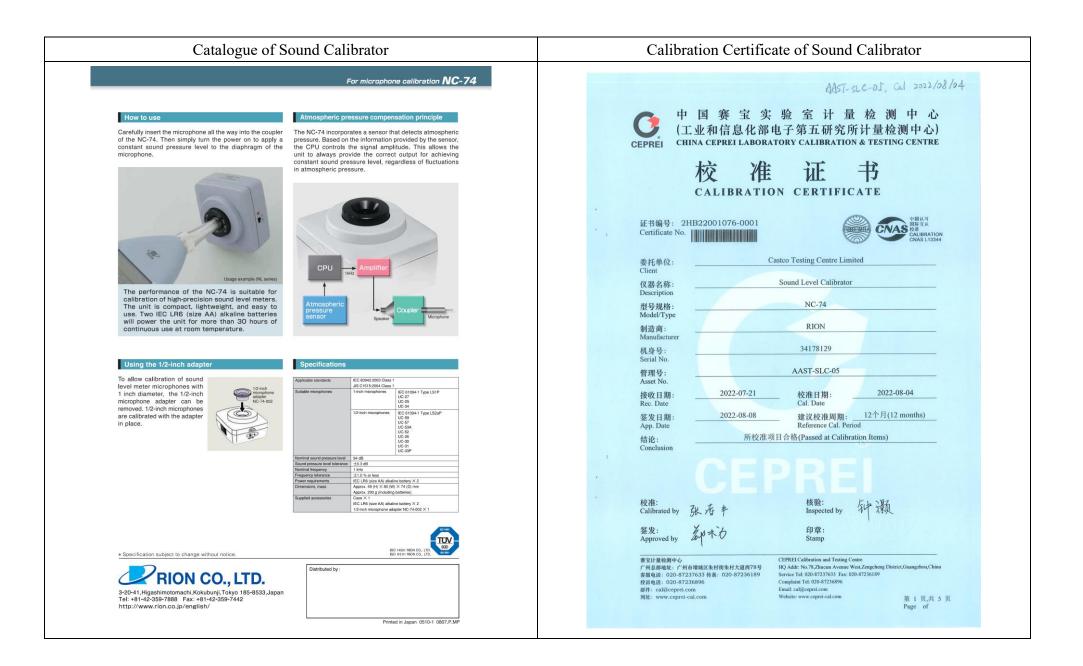
| 4) 村民特性(A-Weighting Characteristic) 原車 安湖仙 理论伯 茂差 允许误差 始论 グ (Frequency) (Actual) (Theoretical value) (Error) (Limit) (Pass/Fail) (d-2) (H2) (dB) (dB) (dB) (dB) (dB) (dB) 20 -50.7 -50.5 -0.2 ±2.0 P 0.5 215 -45.0 -44.7 -0.3 +2.0 ~ -1.5 P 0.5 31.5 -39.6 -39.4 -0.2 ±1.5 P 0.5 40 -34.6 -30.2 0.0 ±1.0 P 0.5 63 -26.1 -26.2 0.1 ±1.0 P 0.5 100 -19.1 -19.1 0.0 ±1.0 P 0.5 125 -16.1 0.0 ±1.0 P 0.5 135 -6.8 -6.6 -0.1 ±1.0 P 0.4 400 4.7 -4.8 0.1 <td< th=""><th>CEPREI</th><th></th><th></th><th>证书编号</th><th>(Certificate No.):</th><th>2HB2200107</th><th>5-0004</th><th></th></td<> | CEPREI | | | 证书编号 | (Certificate No.): | 2HB2200107 | 5-0004 | |
|---|-------------|--------------|---------------------|---------|--------------------|-------------|----------------|--|
| | 4 A计权特性(A-W | eighting Cha | racteristic) | | | | | |
| (Hz) (dB) (dB) (dB) $(r)r$ (dB) 20-50.7-50.5-0.2 ± 2.0 P0.52545.044.7-0.3 ± 2.0 -1.5P0.531.539.6-39.4-0.2 ± 1.5 P0.540-34.6-34.60.0 ± 1.0 P0.550-30.2-30.20.0 ± 1.0 P0.563-26.1-26.20.1 ± 1.0 P0.5100-19.1-19.10.0 ± 1.0 P0.5166-13.2-13.40.2 ± 1.0 P0.5200-10.7-10.90.2 ± 1.0 P0.5200-10.7-10.90.2 ± 1.0 P0.5315-6.8-6.6-0.2 ± 1.0 P0.5316-6.8-7-8.6-0.1 ± 1.0 P0.4400-4.7-4.80.1 ± 1.0 P0.4500-3.1-3.20.1 ± 1.0 P0.4500-3.1-3.20.1 ± 1.0 P0.4630-1.8-1.90.1 ± 1.0 P0.4500-3.1-3.20.1 ± 1.0 P0.625001.11.2-0.1 ± 1.0 P0.625001.11.3-0.2 ± 1.0 P0.625001.11.3-0.2 <th>频率</th> <th>实测值</th> <th>理论值</th> <th>误差</th> <th>允许误差</th> <th>结论</th> <th>U</th> <th></th> | 频率 | 实测值 | 理论值 | 误差 | 允许误差 | 结论 | U | |
| 20 -50.7 -50.5 -0.2 ± 2.0 P 0.5 25 45.0 44.7 -0.3 $\pm 2.01.5$ P 0.5 31.5 -39.6 -39.4 -0.2 41.5 P 0.5 40 -34.6 -34.6 0.0 ± 1.0 P 0.5 50 -30.2 -30.2 0.0 ± 1.0 P 0.5 63 -26.1 -26.2 0.1 ± 1.0 P 0.5 80 -22.3 -22.5 0.2 ± 1.0 P 0.5 100 -19.1 -19.1 0.0 ± 1.0 P 0.5 125 -16.1 -16.1 0.0 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 250 -8.7 -8.6 -0.1 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 500 -1.8 -1.9 0.1 ± 1.0 P 0.6 2500 1.1 1.2 0.1 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P <th>(Frequency)</th> <th>(Actual)</th> <th>(Theoretical value)</th> <th>(Error)</th> <th>(Limit)</th> <th>(Pass/Fail)</th> <th>(<i>k</i>=2)</th> <th></th> | (Frequency) | (Actual) | (Theoretical value) | (Error) | (Limit) | (Pass/Fail) | (<i>k</i> =2) | |
| 25 45.0 44.7 0.3 $+2.0 - 1.5$ P 0.5 31.5 -39.6 -39.4 0.2 ± 1.5 P 0.5 40 -34.6 -30.2 0.0 ± 1.0 P 0.5 50 -30.2 -30.2 0.0 ± 1.0 P 0.5 63 -26.1 -26.2 0.1 ± 1.0 P 0.5 80 -22.3 -22.5 0.2 ± 1.0 P 0.5 100 -19.1 -19.1 0.0 ± 1.0 P 0.5 125 -16.1 -16.1 0.0 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 315 -6.8 -6.6 -0.2 ± 1.0 P 0.4 400 4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 ± 1.0 P 0.6 1250 0.6 0.6 0.0 ± 1.0 P 0.6 2500 1.1 1.2 -0.1 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 3150 1.0 1.2 -0.2 ± 1.0 P 0.6 | | | | (dB) | (dB) | (P/F) | (dB) | |
| 31.5 -39.6 -39.4 -0.2 ± 1.5 P 0.5 40 -34.6 -34.6 0.0 ± 1.0 P 0.5 50 -30.2 -30.2 0.0 ± 1.0 P 0.5 63 -26.1 -26.2 0.1 ± 1.0 P 0.5 80 -22.3 -22.5 0.2 ± 1.0 P 0.5 100 -19.1 -19.1 0.0 ± 1.0 P 0.5 125 -16.1 -16.1 0.0 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 215 -6.8 -6.6 -0.2 ± 1.0 P 0.4 400 4.7 -4.8 0.1 ± 1.0 P 0.4 400 4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 800 -0.7 -0.8 0.1 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 0.0 ± 0.7 P 0.4 $1000(Ref.)$ 0.6 0.0 ± 1.0 P 0.6 2500 1.1 1.2 -0.1 ± 1.0 P 0.6 2500 1.1 1.2 -0.1 ± 1.5 P 0.6 2500 1.1 1.2 -0.1 ± 1.5 P 0.6 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.5</td> <td></td> | | | | | | | 0.5 | |
| 40 -34.6 -34.6 0.0 ± 1.0 P 0.5 50 -30.2 -30.2 0.0 ± 1.0 P 0.5 63 -26.1 -26.2 0.1 ± 1.0 P 0.5 80 -22.3 -22.5 0.2 ± 1.0 P 0.5 100 -19.1 -19.1 0.0 ± 1.0 P 0.5 125 -16.1 -16.1 0.0 ± 1.0 P 0.5 160 -13.2 -13.4 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 250 -8.7 -8.6 -0.1 ± 1.0 P 0.5 250 -8.7 -8.6 -0.1 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 1000 -0.7 -0.8 0.1 ± 1.0 P 0.4 100 -0.7 -0.8 0.1 ± 1.0 P 0.6 2500 1.1 1.2 -0.1 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 | | | | | | | | |
| 50 -30.2 -30.2 0.0 ± 1.0 P 0.5 63 -26.1 -26.2 0.1 ± 1.0 P 0.5 80 -22.3 -22.5 0.2 ± 1.0 P 0.5 100 -19.1 -19.1 0.0 ± 1.0 P 0.5 125 -16.1 -16.1 0.0 ± 1.0 P 0.5 160 -13.2 -13.4 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 250 -8.7 -8.6 -0.1 ± 1.0 P 0.5 250 -8.7 -8.6 -0.1 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 0.0 ± 0.7 P 0.4 1250 0.6 0.6 0.0 ± 1.0 P 0.6 1600 1.0 1.0 0.0 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 3150 1.0 1.2 -0.1 ± 1.5 P $0.$ | | | | | | | | |
| 63 -26.1 -26.2 0.1 ± 1.0 P 0.5 100 -19.1 -19.1 0.0 ± 1.0 P 0.5 125 -16.1 -16.1 0.0 ± 1.0 P 0.5 160 -13.2 -13.4 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 210 -10.7 -10.9 0.2 ± 1.0 P 0.5 230 -8.7 -8.6 -0.1 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 $1000(\text{Ref.})$ 0.0 0.0 0.0 ± 1.0 P 0.6 $1000(\text{Ref.})$ 0.0 0.0 ± 1.0 P 0.6 2500 | | | | | | | | |
| 80 -22.3 -22.5 0.2 ± 1.0 P 0.5 100 -19.1 -19.1 0.0 ± 1.0 P 0.5 125 -16.1 -16.1 0.0 ± 1.0 P 0.5 160 -13.2 -13.4 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 250 -8.7 -8.6 -0.1 ± 1.0 P 0.5 315 -6.8 -6.6 -0.2 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 0.0 ± 0.1 ± 1.0 P 0.6 2500 1.1 1.2 0.1 ± 1.0 P 0.6 | | | | | | | | |
| 100 -19.1 -19.1 0.0 ± 1.0 P 0.5 125 -16.1 -16.1 0.0 ± 1.0 P 0.5 160 -13.2 -13.4 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 250 -8.7 -8.6 -0.1 ± 1.0 P 0.5 315 -6.8 -6.6 -0.2 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 1000 (Ref.) 0.0 0.0 0.0 40.7 P 0.4 1000 (Ref.) 0.0 0.0 0.0 ± 1.0 P 0.6 2500 1.1 1.2 -0.1 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 2500 1.0 1.2 -0.2 ± 1.0 P 0.6 6000 0.7 1.0 -0.3 ± 1.0 P 0.6 6000 0.7 1.0 -0.3 ± 1.0 P 0.6 6000 0.7 1.0 -0.3 ± 1.0 P 0.6 6000 0.4 0.5 -0.1 ± 1.5 P <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | | |
| 125 -16.1 -16.1 0.0 ± 1.0 P 0.5 160 -13.2 -13.4 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 250 ± 7.7 ± 8.6 -0.1 ± 1.0 P 0.5 315 -6.8 -6.6 -0.2 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 800 -0.7 -0.8 0.1 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 0.0 40.7 P 0.6 2500 1.1 1.2 -0.1 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 5000 0.4 0.5 -0.1 ± 1.5 P 0.6 6300 -0.2 -0.1 -0.1 ± 1.5 P 0.6 8000 -1.0 -1.1 0.1 ± 1.5 P 0.6 8000 -1.0 -1.1 0.1 ± 1.5 P 0.6 8000 -1.0 -1.1 0.1 ± 1.5 P | | | | | | | | |
| 160 -13.2 -13.4 0.2 ± 1.0 P 0.5 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 250 -8.7 -8.6 -0.1 ± 1.0 P 0.5 315 -6.8 -6.6 -0.2 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 630 -0.7 -0.8 0.1 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 0.0 0.7 P 0.4 1250 0.6 0.6 0.0 ± 1.0 P 0.6 2000 1.1 1.2 -0.1 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 3150 | | | | | | | | |
| 200 -10.7 -10.9 0.2 ± 1.0 P 0.5 250 -8.7 -8.6 -0.1 ± 1.0 P 0.5 315 -6.8 -6.6 -0.2 ± 1.0 P 0.4 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 800 -0.7 -0.8 0.1 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 0.0 40.7 P 0.4 1250 0.6 0.6 0.0 ± 1.0 P 0.6 1600 1.0 1.0 0.0 ± 1.0 P 0.6 2500 1.1 1.2 -0.1 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 3150 1.0 1.2 -0.2 ± 1.0 P 0.6 3000 0.4 0.5 -0.1 ± 1.5 P 0.6 6300 -0.2 -0.1 -0.1 ± 1.5 P 0.6 8000 -1.0 -1.1 0.1 ± 1.5 P 0.6 10000 -2.3 -2.5 0.2 ± 2.0 -3.0 P 0.6 10000 -2.3 -2.5 0.2 ± 2.0 -3.0 P 1.0 16000 -8.5 -6.6 -1.9 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | | | | | |
| 315 -6.8 -6.6 -0.2 ± 1.0 P 0.4 400 -4.7 4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 800 -0.7 -0.8 0.1 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 0.0 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 0.0 ± 1.0 P 0.4 1250 0.6 0.6 0.0 ± 1.0 P 0.6 1000 1.1 1.2 -0.1 ± 1.0 P 0.6 2000 1.1 1.3 -0.2 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 300 0.2 -0.1 ± 1.5 P 0.6 600 0.2 | | | | | | | | |
| 400 -4.7 -4.8 0.1 ± 1.0 P 0.4 500 -3.1 -3.2 0.1 ± 1.0 P 0.4 630 -1.8 -1.9 0.1 ± 1.0 P 0.4 800 -0.7 -0.8 0.1 ± 1.0 P 0.4 $1000(Ref.)$ 0.0 0.0 0.0 ± 1.0 P 0.4 1250 0.6 0.6 0.0 ± 1.0 P 0.6 1600 1.0 1.0 0.0 ± 1.0 P 0.6 2000 1.1 1.2 -0.1 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 3150 1.0 1.2 -0.2 ± 1.0 P 0.6 4000 0.7 1.0 -0.3 ± 1.0 P 0.6 5000 0.4 0.5 -0.1 ± 1.5 P 0.6 6300 -1.0 -1.1 0.1 ± 1.5 P 0.6 8000 -1.0 -1.1 0.1 ± 1.5 P 0.6 10000 -2.3 -2.5 0.2 ± 2.0 -3.0 P 0.6 12500 -4.2 -4.3 0.1 ± 2.0 -5.0 P 1.0 16000 -8.5 -6.6 -1.9 ± 2.5 -16.0 P 1.0 20000 -18.4 -9.3 -9.1 $+3.0$ $-\infty$ P 1.0 | | | | | | | | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | | | | | | | | |
| | | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 800 | | | | | | | |
| 1600 1.0 1.0 0.0 ± 1.0 P 0.6 2000 1.1 1.2 -0.1 ± 1.0 P 0.6 2500 1.1 1.3 -0.2 ± 1.0 P 0.6 3150 1.0 1.2 -0.2 ± 1.0 P 0.6 4000 0.7 1.0 -0.3 ± 1.0 P 0.6 5000 0.4 0.5 -0.1 ± 1.5 P 0.6 6300 -0.2 -0.1 -0.1 ± 1.5 P 0.6 8000 -1.0 -1.1 0.1 ± 1.5 P 0.6 10000 -2.3 -2.5 0.2 ± 2.0 -3.0 P 0.6 12500 -4.2 -4.3 0.1 ± 2.0 -5.0 P 1.0 16000 -8.5 -6.6 -1.9 ± 2.5 -16.0 P 1.0 20000 -18.4 -9.3 -9.1 ± 3.0 $-\infty$ P 1.0 | | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 1600 | 1.0 | 1.0 | 0.0 | ±1.0 | Р | 0.6 | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 2000 | 1.1 | 1.2 | -0.1 | ±1.0 | Р | | |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 2500 | 1.1 | 1.3 | -0.2 | ±1.0 | Р | 0.6 | |
| 5000 0.4 0.5 -0.1 ± 1.5 P 0.6 6300 -0.2 -0.1 -0.1 ± 1.5 -2.0 P 0.6 8000 -1.0 -1.1 0.1 ± 1.5 -2.5 P 0.6 10000 -2.3 -2.5 0.2 ± 2.0 -3.0 P 0.6 12500 -4.2 -4.3 0.1 ± 2.0 -5.0 P 1.0 16000 -8.5 -6.6 -1.9 ± 2.5 -16.0 P 1.0 20000 -18.4 -9.3 -9.1 ± 3.0 $-\infty$ P 1.0 | 3150 | 1.0 | 1.2 | -0.2 | ±1.0 | Р | 0.6 | |
| | 4000 | 0.7 | 1.0 | -0.3 | ±1.0 | Р | 0.6 | |
| 8000 -1.0 -1.1 0.1 $+1.5 \sim -2.5$ P 0.6 10000 -2.3 -2.5 0.2 $+2.0 \sim -3.0$ P 0.6 12500 -4.2 -4.3 0.1 $+2.0 \sim -5.0$ P 1.0 16000 -8.5 -6.6 -1.9 $+2.5 \sim -16.0$ P 1.0 20000 -18.4 -9.3 -9.1 $+3.0 \sim -\infty$ P 1.0 | 5000 | 0.4 | 0.5 | -0.1 | ±1.5 | Р | 0.6 | |
| 10000 -2.3 -2.5 0.2 $+2.0 \sim -3.0$ P 0.6 12500 -4.2 -4.3 0.1 $+2.0 \sim -5.0$ P 1.0 16000 -8.5 -6.6 -1.9 $+2.5 \sim -16.0$ P 1.0 20000 -18.4 -9.3 -9.1 $+3.0 \sim -\infty$ P 1.0 | 6300 | -0.2 | -0.1 | -0.1 | +1.5 ~ -2.0 | Р | 0.6 | |
| 12500 -4.2 -4.3 0.1 $+2.0 \sim -5.0$ P 1.0 16000 -8.5 -6.6 -1.9 $+2.5 \sim -16.0$ P 1.0 20000 -18.4 -9.3 -9.1 $+3.0 \sim -\infty$ P 1.0 | 8000 | -1.0 | -1.1 | 0.1 | +1.5 ~ -2.5 | Р | 0.6 | |
| 16000 -8.5 -6.6 -1.9 +2.5 ~ -16.0 P 1.0 20000 -18.4 -9.3 -9.1 +3.0 ~ -∞ P 1.0 | 10000 | -2.3 | -2.5 | 0.2 | +2.0 ~ -3.0 | Р | 0.6 | |
| 20000 -18.4 -9.3 -9.1 +3.0 ~ -∞ P 1.0 | | | | | | Р | 1.0 | |
| | | | | | +2.5 ~ -16.0 | | 1.0 | |
| | 20000 | -18.4 | -9.3 | -9.1 | +3.0 ~ -00 | Р | 1.0 | |
| 第 6 页,共 8 页 数据页(Data sheet) ID: 071288 | 第6页,共8页 | | | | | | | |

| CEPREI | | | 证书编号 | (Certificate No.): 2 | 2HB22001076 | -0004 |
|--------------|---------------|---------------------|---------|----------------------|-------------|------------|
| 5 C计权特性(C-W | Veighting Cha | aracteristic) | | | | |
| 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) | (k=2) |
| (Hz) | (dB) | (dB) | (dB) | (dB) | (P/F) | (dB) |
| 20 | -6.3 | -6.2 | -0.1 | ±2.0 | Р | 0.5 |
| 25 | -4.5 | -4.4 | -0.1 | +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 | -1.2 | -1.3 | 0.1 | ±1.0 | Р | 0.5 |
| 63 | -0.7 | -0.8 | 0.1 | ±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 | P P | 0.5 |
| 315 | 0.0 | 0.0 | 0.0 | ±1.0 | P P | 0.4 |
| 400 | 0.0 | 0.0 | 0.0 | ±1.0 | P | 0.4 0.4 |
| 500 | 0.0 | 0.0 | 0.0 | ±1.0 | P P | 0.4 |
| 630 | 0.0 | 0.0 | 0.0 | ±1.0 ±1.0 | P | 0.4 |
| 800 | 0.0 | 0.0 | 0.0 | ±0.7 | P | 0.4 |
| 1000(Ref.) | 0.0 | 0.0 | 0.0 | ±0.7 ±1.0 | P | 0.4 |
| 1250 1600 | -0.1 -0.2 | -0.1 | -0.1 | ±1.0 | P | 0.6 |
| 2000 | -0.2 | -0.2 | -0.1 | ±1.0 | P | 0.6 |
| 2000 | -0.5 | -0.2 | -0.2 | ±1.0 | Р | 0.6 |
| | -0.5 | -0.5 | -0.2 | ±1.0 | P | 0.6 |
| 3150 4000 | -0.8 | -0.5 | -0.3 | ±1.0 | P | 0.6 |
| 5000 | -1.1 | -1.3 | -0.2 | ±1.5 | Р | 0.6 |
| 6300 | -1.3 | -2.0 | -0.1 | +1.5 ~ -2.0 | P | 0.6 |
| 8000 | -2.9 | -3.0 | 0.1 | +1.5 ~ -2.5 | Р | 0.6 |
| 10000 | -4.2 | -4.4 | 0.2 | +2.0 ~ -3.0 | Р | 0.6 |
| 12500 | -6.2 | -6.2 | 0.0 | +2.0 ~ -5.0 | Р | 1.0 |
| 16000 | -10.4 | -8.5 | -1.9 | +2.5 ~ -16.0 | Р | 1.0 |
| 20000 | -20.4 | -11.2 | -9.2 | +3.0 ~ -∞ | Р | 1.0 |
| 20000 | | | | | | |



| CEPREI | | 证书编号(Certific | ate No.): 2HB2200 | 01076-0002 | CEPREI | | | 证书编号 | €(Certificate No.): | 2HB2200107 | 6-0002 |
|-----------------------------|--|-----------------------------|-----------------------|--------------------|------------------------|----------------|---------------------|-------------|--------------------------------------|-------------|----------------|
| 1 外观与工作正常性检查(A | Appearance and Function C | Check) | | | 4 A计权特性(A-V | Weighting Cha | racteristic) | | | | |
| 无影响证书中测量结 | 果准确度的因素和缺陷。 | | | | 频率 | 实测值 | 理论值 | 误差 | 允许误差 | 结论 | U |
| There are no factor and | d defect that affect the mea | asurement result accuracy o | f the certificate. | | (Frequency) | (Actual) | (Theoretical value) | (Error) | (Limit) | (Pass/Fail) | (<i>k</i> =2) |
| | | | Art also and | | (Hz) | (dB) | (dB) | (dB) | (dB) | (P/F) | (dB) |
| 2 指示声级调整 (Indication | | | 频率(Frequency 员 放大器 | | 20 | -50.6 | -50.5 | -0.1 | ±2.0 | Р | 0.5 |
| 传声器型号 | 传声器编号 (Microphone SN.) | 放大器型 (Preamplifier | | | 25 | -44.9 | -44.7 | -0.2 | +2.0 ~ -1.5 | Р | 0.5 |
| (Microphone Type) | (Microphone 314.) | (Preamprine) | (r reampini | or bivly | 31.5 40 | -39.7 | -39.4 | -0.3 | ±1.5 | P | 0.5 |
| | | | | | 50 | -34.6 -30.2 | -34.6 -30.2 | 0.0 0.0 | ±1.0 ±1.0 | P P | 0.5 0.5 |
| 声校准器型号 | 标准声压级 | 校准前示值 | 校准后示值 | U | 63 | -26.2 | -26.2 | 0.0 | ±1.0 ±1.0 | р | 0.5 |
| (Calibrator Type) | (Reference SPL) | (Before Calibration) | (After Calibration |) (<i>k</i> =2) | 80 | -22.4 | -22.5 | 0.1 | ±1.0 | Р | 0.5 |
| | (dB) | (dB) | (dB) | (dB) | 100 | -19.1 | -19.1 | 0.0 | ±1.0 | Р | 0.5 |
| 4226 | 94.0 | 93.8 | 93.8 | 0.2 | 125 | -16.1 | -16.1 | 0.0 | ±1.0 | Р | 0.5 |
| | | | | | 160 | -13.3 | -13.4 | 0.1 | ±1.0 | Р | 0.5 |
| 3 级线性 (Level Linearity) | | | | | 200 | -10.8 | -10.9 | 0.1 | ±1.0 | Р | 0.5 |
| 3.1 参考级量程 (Reference | | 频率(Frequency): 8000Hz | | | 250 | -8.6 | -8.6 | 0.0 | ±1.0 | Р | 0.5 |
| And but I down | and the second | 级(Sound Level Indication | | | 315 | -6.6 | -6.6 | 0.0 | ±1.0 | Р | 0.4 |
| 起始点以上间喃10d | B点的取入误差(Maximu | um Error for each 10dB abo | $U \ (k=2) \ 0.6$ | | 400 | -4.7 | -4.8 | 0.1 | ±1.0 | Р | 0.4 |
| 上限以下5dB间隔1dB点的 | 自局士退差(Maximum Fr | ror for each LdB below Un | | | 500 630 | -3.2 -1.9 | -3.2 | 0.0 0.0 | ±1.0 | P | 0.4 |
| THEEX LOUDINING LODING | ITAK / W Z (Waxmann En | for for cach full below op | | dB | 800 | -1.9 | -1.9 -0.8 | 0.0 | ±1.0 ±1.0 | P | 0.4 0.4 |
| 起始点以下间隔10d | B点的最大误差(Maximu | m Error for each 10dB bel | | | 1000(Ref.) | 0.0 | 0.0 | 0.0 | ±0.7 | р | 0.4 |
| | | | U (k=2) 0.6 | dB | 1250 | 0.5 | 0.6 | -0.1 | ±1.0 | Р | 0.6 |
| 下限以上5dB间隔1dB点的 | 的最大误差(Maximum En | ror for each 1dB above Lov | ver Limit 5dB): -0.2 | 2 dB | 1600 | 0.9 | 1.0 | -0.1 | ±1.0 | Р | 0.6 |
| | | | U (k=2) 0.6 | dB | 2000 | 1.0 | 1.2 | -0.2 | ±1.0 | Р | 0.6 |
| | | | | | 2500 | 1.0 | 1.3 | -0.3 | ±1.0 | Р | 0.6 |
| 3.2 其它级量程 (Other Ran | | 频率(Frequency): 1000Hz | L C | | 3150 | 0.9 | 1.2 | -0.3 | ±1.0 | Р | 0.6 |
| Analy is by a support | | 级(Sound Level Indication | | | 4000 | 0.7 | 1.0 | -0.3 | ±1.0 | Р | 0.6 |
| 起 <u>昭</u> 点以上间隔10c | IB 息的取入误差(Maximu | um Error for each 10dB abo | U (k=2) 0.4 | | 5000 | 0.4 -0.3 | 0.5 | -0.1 | ±1.5 | P | 0.6 |
| 上限以下5dB间隔1dB占 | 的最大误差(Maximum Er | rror for each 1dB below Up | | | 6300 8000 | -0.3 | -0.1 -1.1 | -0.2 | $+1.5 \sim -2.0$ $+1.5 \sim -2.5$ | P | 0.6 0.6 |
| Terre of 1 outplying rub/// | | the second op | | dB | 10000 | -1.1 | -1.1 | 0.0 | $+1.5 \sim -2.5$ $+2.0 \sim -3.0$ | P | 0.6 |
| 起始点以下间隔100 | iB点的最大误差(Maximu | um Error for each 10dB bel | | l dB | 12500 | -4.3 | -4.3 | 0.0 | +2.0 ~ -5.0 | Р | 1.0 |
| | | | U (k=2) 0.4 | dB | 16000 | -8.6 | -6.6 | -2.0 | +2.5 ~ -16.0 | Р | 1.0 |
| 下限以上5dB间隔1dB点 | 的最大误差(Maximum Er | rror for each 1dB above Lo | wer Limit 5dB): -0. | l dB | 20000 | -18.5 | -9.3 | -9.2 | +3.0 ~ -∞ | Р | 1.0 |
| | | | U (k=2) 0.4 | dB | | | | | | | |
| | 数据页(Datas | sheet) ID: 071288 | | 5 页,共 8 页 ge of | 第 6 页,共 8 页 Page of | Ę | 数据页(Data sh | ieet) ID: (| 071288 | | |

| | CEPREI | | | 证书编号 | (Certificate No.): | 2HB22001076 | 5-0002 | CEPREI 证书编号(Certificate No.): 2HB22001 |
|-----|----------------|---------------|---------------------|--------------|---------------------------------------|-------------|----------------|--|
| | 5 C计权特性(C-W | Veighting Cha | racteristic) | | | | | 6 自生噪声 (Autogenous noise) 计权 实测值 |
| | 频率 | 实测值 | 理论值 | 误差 | 允许误差 | 结论 | U . | (Weighting) (Actual) |
| | (Frequency) | (Actual) | (Theoretical value) | (Error) | (Limit) | (Pass/Fail) | (<i>k</i> =2) | (dB) |
| | (Hz) | (dB) | (dB) | (dB) | (dB) | (P/F) | (dB) | A 18.8 |
| | 20 | -6.4 | -6.2 | -0.2 | ±2.0 | Р | 0.5 | |
| | 25 | -4.5 | -4.4 | -0.1 | +2.0 ~ -1.5 | Р | 0.5 | 以下空白/No data hereafter |
| | 31.5 | -3.0 | -3.0 | 0.0 | ±1.5 | Р | 0.5 | |
| | 40 | -2.1 | -2.0 | -0.1 | ±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 | -0.3 | -0.3 | 0.0 | ±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 | 0.0 | 0.0 | 0.0 | ±1.0 | P | 0.4 | |
| | 500 | 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 | P | 0.4 | |
| | 1000(Ref.) | 0.0 | 0.0 | 0.0 | ±0.7 | P | 0.4 | |
| | 1250 | -0.1 | 0.0 | -0.1 | ±1.0 | P | 0.6 | |
| | 1600 | -0.2 | -0.1 | -0.1 | ±1.0 ±1.0 | P | 0.6 0.6 | |
| | 2000 | -0.5 | -0.2 | -0.3 | ±1.0 ±1.0 | P | 0.6 | R |
| | 2500 | -0.5 | -0.3 | -0.2 -0.3 | | P | 0.6 | K |
| | 3150 | -0.8 | -0.5 | -0.3 | ±1.0 ±1.0 | P | 0.6 | |
| | 4000 | -1.1 | -0.8 | -0.3 | ±1.0 ±1.5 | P | 0.6 | |
| | 5000 | -1.5 | -1.3 -2.0 | -0.2 | +1.5 ~ -2.0 | P | 0.6 | |
| | 6300 | -2.1 | -2.0 -3.0 | -0.1 | $+1.5 \sim -2.0$ $+1.5 \sim -2.5$ | P | 0.6 | |
| | 8000 | -2.9 -4.3 | -3.0 | 0.1 | $+1.5 \sim -2.5$ $+2.0 \sim -3.0$ | р | 0.6 | |
| | 10000 12500 | -4.3 -6.4 | -4.4 -6.2 | -0.2 | $+2.0 \sim -3.0$ $+2.0 \sim -5.0$ | P | 1.0 | |
| | 12500 | -6.4 | -6.2 | -0.2 | $+2.0 \sim -3.0$ $+2.5 \sim -16.0$ | P | 1.0 | |
| | 20000 | -10.5 | -8.5 | -2.0 | $+2.3 \sim -10.0$ +3.0 ~ -∞ | P | 1.0 | |
| | 20000 | -20.4 | -11.2 | -9.2 | 13.0 - 100 | | 1.0 | |
| | | | | | | | | 第 8 页,共 8 页 数据页(Data sheet) ID: 071288 |
| | | | 數据页(Data s | heet) ID: | 071288 | 第7] Page | 页,共 8 页 | Page of |



| | 证书编号(Certificate No.): 2HB22001076-0001 | CEPREI | | 证书 | 编号(Certificate | No.): 2HB220 | 01076-0001 |
|-----|--|---------------------------|----------------------------|--------------------------------------|---------------------|---------------|----------------|
| | 说明 | | | | | | |
| | DIRECTIONS | | E检查 (Appearance 校准结果准确度 | e and Function Check) 的因素和缺陷。 | | | |
| | 1. 本机构质量管理体系符合ISO/IEC 17025:2017标准的要求,获得中国合格评定国家认可委员会(| | | nat affect the calibration resu | ult accuracy of the | certificate. | |
| | 1. 中ジャラス(m 高 単序 デマリ HIGH 50 HCC YOLD 10 HCC HIGH 50 HCC HCC HCC HCC HCC HCC HCC HCC HCC HC | 2 声压级 (Sound Pre | ssure Level) | | | | |
| | 本次校准的技术依据及CNAS认可范围(Reference documents and CNAS accredited scopes): JJG 176-2005 声校准器检定规程: Sound Pressure Level: 94dB、104dB、114dB、124dB(63Hz~8kHz): 94dB 、104dB、114dB(31.5Hz~16kHz): Frequency: 31.5Hz~16kHz; Harmonic Distortion: 0~10%, (20Hz~20) | 规定声压级 | 測量声压级 | 声压级差的绝对值 | 允许范围 | 结论 | U |
| | kHz)。 * 详细内容请查看CNAS网站中注册编号为L13344的证书册件, 超出范围的内容未被认可, 其结果/结论所依据的合格评定活动不在认可 | (Prescribed SPL) | | (Absolute value of SPL) | (Limit) | (Pass/Fail) | (k=2) |
| | 范围内。(Please see the attachment of certificate No. L13344 at CNAS website for details, beyond which is not accredited, the conformity assessment activities on which the results/conclusions are based are outside the scope of accreditation.). | (dB) | (dB) | (dB) | (dB) | | (dB) |
| | 3. 本次校准所使用的主要测量标准(The main measurement standards used during the calibration): 名 称 证书号有效期/测调单位 技术指标 测量范围 (Description) (Certificate No./Due Date/Traceability to) (Specification) (Measuring Range) | 94 | 93.93 | 0.07 | ≤0.40 | Р | 0.10 |
| | 标准传声器 GFJGJL1001220311961/2023-03-27/航空 U=(0.05-0.20)dB(k=2) 10Hz~20kHz 304所 | 3 頻率 (Frequency) | | | | | |
| | 前置放大器 L5sx2022-01723/2023-03-15/中国计量院 U=0.3dB (<i>k</i> =2) (10~50000) Hz PULSE分析系统 4GC22000014-0140/2023-01-15/寒宝(1 ⁺ 州) 频率:U ₄₀ =0.001%, <i>k</i> =2:电压: 频率:0.001Hz-51.2kHz, 物理:U ₄ =0.001%, <i>k</i> =2:电压: 频率:0.001Hz-51.2kHz, | 4gt d25 abr | 测量频率 | 频率误差的绝对值 | 允许范围 | 结论 | Urel |
| | Umm=0.04%,k=2 电压:(1×10 ³ ~30)V | 规定频率 | | 频率误差的把对值 (Absolute value of Fre.) | (Limit) | (Pass/Fail) | (k=2) |
| | 校准地点(The calibration place): 广州市增城区朱村街朱村大道西78号9栋110室 | (Prescribed Fre.) (Hz) | (Measured Fre.) (Hz) | (Absolute value of Fre.) (%) | (Lunit) (%) | (r ass'r dif) | (%) |
| | 环境条件(Environmental conditions); 温度(Temperature): 23.1°C 相对湿度(Relative Humidity): 65% | (HZ) | 1002.1 | 0.21 | ≤1.00 | Р | 0.10 |
| | 6. 本证书中给出的扩展不确定度依据JJF1059.1-2012 《测量不确定度的评定与表示》评定,由合成标 准不确定度乘以包含概率约为95%时对应的包含因子 k 得到。 The extended uncertainty given in this certificate is evaluated according to JJF1059.1-2012 "Evaluation and Expression of Uncertainty in Measurement", and is calculated by multiplying the combined standard uncertainty by the coverage | 4 总失真 (Distortio | n) | | | | |
| | factor k which corresponding to the coverage probability about 95%. | 規定声压级 | 规定频率 | 总失真 | 允许范围 | 结论 | Urel |
| | 7. 证书中"P"、"合格"代表"测量结果在允许范围内", "F"、"不合格"代表"测量结果不在允许范围 | (Prescribed SPL) | (Measured Fre.) | (Distortion) | (Limit) | (Pass/Fail) | (<i>k</i> =2) |
| | 内","N/A"代表"不适用或技术指标暂时无法确认等"。本证书报告的结论仅供参考,使用人员应 结合实际测量的要求合理使用,如考虑测量结果测量不确定度的影响等。 | (dB) | (Hz) | (%) | (%) | | (%) |
| | "P" and "Pass" in this certificate stand for "Low Limit≤the measured value ≤High Limit", "F" and "Frail" stand for "the measured value <low limit="" measured="" or="" the="" value="">High Limit", "N/A" stands for "Not Applicable or The technical specification has not been confirmed etc". The conclusions of this certificate are for reference only. Users should use</low> | 94 | 1000 | 0.07 | ≤3.00 | P | 5.0 |
| | them reasonably according to the actual measurement requirements, such as considering the impact of measurement uncertainty, etc. | 以下空白/No data here | after | | | | |
| • • | 8. 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 period of the instrument according to the actual use. | | | | | | |



| G | | | | | | SPECIFICATION | s | | | | |
|------------------------------|--|------------------------------------|---------------------|---------------|------------------------|---|---|---|---|--|--|
| CEPREI | | 证书 | 编号(Certificate | No.): 2HB220 | 001358-0007 | THERMAL ANEMO | | | | | |
| | 1性检查 (Appearan 中校准结果准确度 | ce and Function Check) E的因素和缺陷。 | | | | MODELS TA410, TA | A430 AND TA440 | | | | |
| There are no | o factor and defect t | hat affect the calibration res | ult accuracy of the | certificate. | | He le cher | | Time Constant (T | | | |
| 2 声压级 (Sound Pressure Level) | | | | | | Velocity Range (TA410) Range (TA430, TA440) | 0 to 20 m/s (0 to 4,000 ft/min) 0 to 30 m/s (0 to 6,000 ft/min) | User selectable | | 1) | |
| | | | | | | Accuracy (TA410) ¹⁶² | ±5% of reading or ±0.025 m/s (±5 ft/min), whichever is greater ≅ ±3% of reading or ±0.015 m/s | External Meter Di 8.4 cm x 17.8 cm x 4 | 4.4 cm (3.3 in.) | c 7.0 in. x 1.8 in | L) |
| 规定声压级 | 测量声压级 | 声压级差的绝对值 | 允许范围 | 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.) | th Batteries | | |
| (Prescribed SPL) | and the second s | (Absolute value of SPL) | (Limit) | (Pass/Fail) | (k=2) | Duct Size (TA430, TA44 | 10) | | | | |
| (dB) 94 | (dB) 93.93 | (dB) 0.07 | (dB) ≤0.40 | Р | (dB) 0.10 | 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 Probe Diameter of 1 | 101.6 Tip 7.0 m | cm (40 in.) m (0.28 in.) | |
| 3 频率 (Frequency | () | | | | | Volumetric Flow Rate (Range | TA430, TA440) Actual range is a function of velocity, and duct size | Probe Diameter of E Articulating Prob | e Dimension | | |
| 规定频率 | 測量频率 | 频率误差的绝对值 | 允许范围 | 结论 | Urel | Temperature Range (TA410, TA430) | -18 to 93°C (0 to 200°F) | Articulating Sectior Length Diameter of Articulating Knuckle | 95 m | m (7.8 in.) m (0.38 in.) | |
| (Prescribed Fre.) | | | (Limit) | (Pass/Fail) | (k=2) | Range (TA440) Accuracy ³ | -10 to 60°C (14 to 140°F) ±0.3°C (±0.5°F) | Power Requireme | | | |
| (Freschoed Fre.) (Hz) | (Hz) | (%) | (%) | (1 100 1 100) | (%) | Resolution | 0.1°C (0.1°F) | Four AA-size batter | ries or AC adap | iter | |
| 1000 | 1003.7 | 0.37 | ≤1.00 | Р | 0.10 | Relative Humidity (TA4 | 140 only) | | TA410 | TA430, TA430-A | TA440 TA440 |
| 1000 | 1005.7 | 0.57 | 11100 | | | Range Accuracy ⁴ | 5 to 95% RH ±3% RH | Velocity range 0 to 20.00 m/s | | TA430-A | TA440- |
| 4 总失真 (Distorti | ion) | | | | | Resolution | 0.1% RH | (0 to 4000 ft/min) Velocity range | | | - |
| 4 12 7 54 (15 13 16 1 | 1011) | | | | | Wet Bulb Temperature Range | | 0 to 30.00 m/s (0 to 6000 ft/min) | | + | + |
| 规定声压级 | 规定频率 | 总失真 | 允许范围 | 结论 | Urel | Resolution | 5 to 60°C (40 to 140°F) 0.1°C (0.1°F) | Temperature | + | + | + |
| (Prescribed SPL) | (Measured Fre.) | (Distortion) | (Limit) | (Pass/Fail) | (<i>k</i> =2) | Dew Point (TA440 only | | Flow | | + | + |
| (dB) | (Hz) | (%) | (%) | | (%) | Range Resolution | -15 to 49°C (5 to 120°F) 0.1°C (0.1°F) | Humidity, wet bulb, dew point | | Straight or -A | + Straight |
| 94 | 1000 | 0.02 | ≤3.00 | Р | 5.0 | Instrument Temperatu | | Probe Variable time | Straight | articulated | articula |
| | | | | | | Operating (Electronics) | 5 to 45°C (40 to 113°F) | constant Manual | | + | + |
| 以下空白/No data he | reafter | | | | | Model TA410, TA430 Operating (Probe) | -18 to 93°C (0 to 200°F) | data logging Auto save | | + | + |
| | | | | | | Model TA440 Operating (Probe) | -10 to 60°C (14 to 140°F) | data logging Statistics | | + | + |
| | | | | | | Storage | -20 to 60°C (-4 to 140°F) | Statistics Review data | | + | - |
| | | | | | | Data Storage Capabiliti Range | es (TA430, TA440) 12,700+ samples and 100 test IDs | LogDat2 | | 194 | 1.5 |
| | | | | | | Logging Interval (TA43 | | downloading software | | + | + |
| | | | | | | 1 second to 1 hour | -, | Free Certificate of Calibration | + | + | * |
| | | | | | | Specifications subject to change with TSI and the TSI logo are registered tr the Airflow logo and LogDat2 are tra | | ¹ Temperature compensated ³ The accuracy statement be for the Model TA410, and 3 Models TA430 and TA440. | egins at 30 ft/min th 30 ft/min through 6, | rough 4000 ft/min (0 000 ft/min (0.15 m/s | °C (40 to 150°F) 0.15 m/s through through 30 m/s |
| | | | | | | S AIR | FLOW | ⁹ Accuracy with instrument for change in instrument te ⁴ Accuracy with probe at 25 ⁴ change in probe temperature. | case at 25°C (77°F), emperature. °C (77°F). Add uncer | tainty of 0.2% RH/°C | |
| - | | 数据页(Data sheet) I | D: 013393 | | 第 5 页,共 5] Page of | Airflow Instruments, TSI In | UMENTS struments Ltd. flowinstruments.co.uk for more informat | 8 | | | |

| CALIBRATION | Tsuen Wan, NT, H Tel: +852 25680 Fax: +852 30116 | nology Plaza, 29 ong Kong 106 Email: ir | 實驗室有限 9-35 Sha Tsui Road, nfo@callab.com.hl e: www.callab.com | lac M | Certificite #3815.01 | CALIBRATION | Room 2103, Tech Tsuen Wan, NT, I | hnology Plaza, 2 Hong Kong 10106 Email: 16194 Websi | 查實驗室有限 19-35 Sha Tsui Road info@callab.com.h Ite: www.callab.com | d, Hac | |
|--|--|---|---|---|---|---|---|--|--|---|---|
| | n Testing Centre Limite Kui Street, Fanling, N | | | | | Customer Informat Customer: Cas | | ted | | | |
| Equipment Identificat Equipment Descriptio Air Velocity Monitor | | | | | Assigned equipment No. AAST-FLOW-03 | Equipment Identifi Equipment Descrip Air Velocity Monitor | | | | Serial No. TA4401739003 | Assigned equipment No. AAST-FLOW-04 |
| Certificate Information Date of Receipt: Date of Calibration: Due Date of Calibration Calibration Procedure | 11 January 20 13 January 20 on: N/A | | Calibratio Adjustmo Appearan Remark: | ent: N nce: G | 3.5°C, 58%RH, 1003hPa /A ood /A | Certificate Inform Date of Receipt: Date of Calibration Due Date of Calibr Calibration Proced | 19 Decembe 13 January 2 Ition: N/A | | Calibrat Adjustrr Appeara Remark | nent: ance: | 23.5°C, 58%RH, 1003hPa N/A Good N/A |
| Reference Equipmen | | Model | Serial N | 0 | Expiration Date | Reference Equipm | | | | | |
| Equipment Description | | 9535 | T953513 | | 11 August 2024 | Equipment Descrip Hot Wire Anemom | | Model 9535 | Serial N T95351 | No. 1316004 | Expiration Date 11 August 2024 |
| Result of Calibration Air flow rate – Error of | | | | | | Result of Calibrati Air flow rate – Error | on | | | | |
| 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 | 0.51 | 2.0 | 3.6 | ± 5 % | JJG 956-2013 | (L/min) 0.5 | (L/min) 0.49 | -2.0 | (%FS) 3.6 | Requirement ± 5 % | 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 | ± 5 % | JJG 956-2013 | 2.0 | 2.02 | 1.0 | 3.6 | ± 5 % | JJG 956-2013 |
| 5.0 | 5.07 | 1.4 | 3.6 | ± 5 % | JJG 956-2013 CT-AFR-01 | 5.0 | 5.05 | 1.0 | 3.6 | ± 5 % | JJG 956-2013 CT-AFR- |
| | | | | | | | | | | | ON |
| | | | | | | | | | | | |
| of confidence of 95%. A X Note2: The standard (s) and inst accuracy and good condi Note3: The result reported in th instrument. Note4: The result shows in this c | overage factor of 2 is assumed rument used in the calibration ion. is certificate refer to the condit alibration certificate relate only | unless explicitly stated are traceable to natio ion of the instrument to the item calibrated | d, onal or international recog on the date of calibration d, and the result only appli | gnized standard and are cal n and carry no implication r les to the calibration item a: | e an internal estimated to have a level librated on a schedule to maintain the egarding the long term stability of the s received. | of confidence of 95%. Note2: The standard (s) and accuracy and good co Note3: The result reported is instrument. Note4: The result shows in th | A coverage factor of 2 is assume instrument used in the calibratio ndition. this certificate refer to the conc is calibration certificate relate on | d unless explicitly state on are traceable to nat dition of the instrument ly to the item calibrate | ed. tional or international reco nt on the date of calibratio ed, and the result only app | ognized standard and are on and carry no implicatio plies to the calibration item | give an internal estimated to have a le calibrated on a schedule to maintain t n regarding the long term stability of t a sreceived. |
| Calibrated By: | Checked Lomer Warren Y | and Approved | p | npany Chop: tificate Issue Date | (13 January 2023) CT-BEG-03 | Calibrated By: | Checked Warren | | ٥ | mpany Chop: rtificate Issue Dat | te: 13 January 2023 |
| Wing Cheng | | | Certificate *** | | | | | | | | CI-BEG- |

Appendix L – Noise monitoring results and graphical presentation

| | T (0 C) | XX7 (1 | | | Measure | d Noise Le | evel at M1 | l, dB(A) | | . |
|------------|------------------------|---------|-------|----|---------|------------|------------|------------------|------------------|----------|
| Date | Temp (°C) | Weather | Т | ir | ne | Baseline | L_{Aeq} | L _{A10} | L _{A90} | Limit |
| 09/06/2023 | 26.6 | Cloudy | 11:20 | - | 11:50 | 68.3 | 72.2 | 73.4 | 68.6 | 75 |
| 15/06/2023 | 28.8 | Cloudy | 14:19 | - | 14:49 | 68.3 | 73.6 | 76.6 | 66.8 | 75 |
| 21/06/2023 | 32.6 | Sunny | 15:13 | - | 15:43 | 68.3 | 72.4 | 74.8 | 67.9 | 75 |
| 27/06/2023 | 32.4 | Sunny | 10:16 | - | 10:46 | 68.3 | 73.3 | 75.4 | 68.9 | 75 |
| | | | |] | Maximum | | 73.6 | | | |
| | | | | | Minimum | | 72.2 | | | |
| | | | | | Average | | 72.9 | | | |

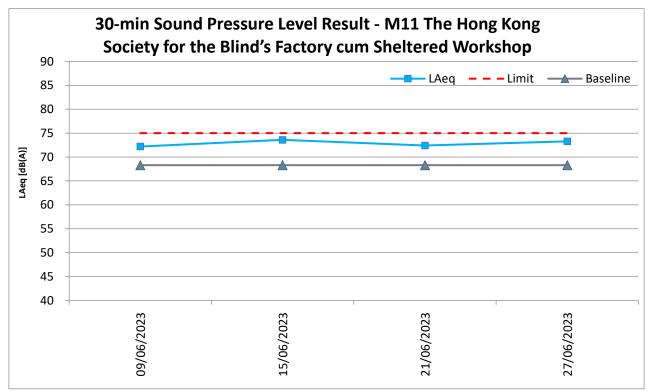
M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop

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

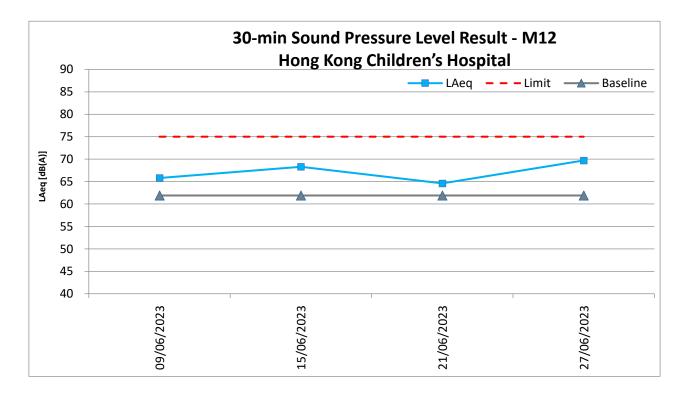
| D. | T (aC) | XX7 (1 | | | Measure | ed Noise Le | evel at M12 | 2, dB(A) | | Limit 75 75 75 |
|------------|-----------|---------|-------|-----|---------|-------------|-------------|------------------|------------------|-------------------------|
| Date | Temp (°C) | Weather | r | Гir | ne | Baseline | L_{Aeq} | L _{A10} | L _{A90} | Limit |
| 09/06/2023 | 26.6 | Cloudy | 14:00 | - | 14:30 | 61.9 | 65.8 | 69.6 | 61.9 | 75 |
| 15/06/2023 | 28.8 | Cloudy | 10:15 | - | 10:45 | 61.9 | 68.3 | 70.3 | 62.0 | 75 |
| 21/06/2023 | 32.6 | Sunny | 10:07 | - | 10:37 | 61.9 | 64.6 | 66.2 | 62.5 | 75 |
| 27/06/2023 | 32.4 | Sunny | 14:10 | - | 14:40 | 61.9 | 69.7 | 71.0 | 64.1 | 75 |
| | | | | | Maximum | | 69.7 | | | |
| | | | | | Minimum | | 64.6 | | | |
| | | | | | Average | | 67.6 | | | |

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



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

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



Appendix M – Event and Action Plan for noise

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

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

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

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

Appendix O – Waste Flow Table



Appendix F - Monthly Summary Waste Flow Table

Name of Department: CEDD

Contract No.: ED/2018/01

| | | | | | Summary | | | | | | | |
|--------------------------------|--------------------------------|--|--------------------------|---------------------------------|-------------------------------|---------------------|------------|------------|-----------------------------------|--------------------------|-------------------|--------------------------------------|
| | Ac | tual Quantitie | s of Inert C&D | Materials Gene | rated Month | y | | A | Actual Quantitie | s of C&D Wast | es Generated Mo | nthly |
| Month | Total Quantity Generated | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Import Fill | | Metals | Paper / cardboard packaging | Plastics (see Note 3 |) Chemical Was | Others, e.g. te general refuse |
| | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | (in '000m ³) | in) '000m | | n '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) |
| Jan | 1.894 | | 0.351 | | 1.543 | | | | | | | 0.142 |
| Feb | 3.330 | | | | 3.330 | 0.474 | 4 | | | | | 0.139 |
| Mar | 3.384 | | 1.484 | | 1.900 | 0.474 | 4 | | 0.312 | | | 0.155 |
| Apr | 1.590 | | 0.748 | | 0.842 | | | | | | | 0.141 |
| May | 3.017 | | 0.758 | | 2.259 | | | | 0.11 | | | 0.137 |
| Jun | 2.332 | | 0.208 | | 2.124 | 1.10 | 0 | | | | | 0.134 |
| Sub-total | 15.547 | | 3.549 | | 11.998 | 2.048 | 8 | | 0.422 | | | 0.848 |
| July | | | | | | | | | | | | |
| Aug | | | | | | | | | | | | |
| Sep | | | | | | | | | | | | |
| Oct | | | | | | | | | | | | |
| Nov | | | | | | | | | | | | |
| Dec | | | | | | | | | | | | |
| Total | 15.547 | | 3.549 | | 11.998 | 2.048 | | | 0.422 | | | 0.848 |
| | | | Forecas | st of Total Quan | tities of C&D | Material | Is to be (| Generated | | act* | I | |
| Total Quantity Generated | | oken Reuse | | ed in Dispos Projects Public | | rted Fill | Meta | | Paper / cardboard packaging | Plastics (see Note 3) | Chemical Waste | Others, e.g. general refuse |
| (in '000m ³ | ³) (in '000r | m³) (in '00 | 0m ³) (in '0 | 00m ³) (in '00 | 0m ³) (in '(| 000m ³) | (in '000 | 0 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m ³) |
| 207.384 | 2.103 | 3 10. | .2 14 | 40 27.4 | 15 | 25 | 200 | 0 | 0.8 | 0.1 | | 3.891 |

Monthly Summary Waste Flow Table for June 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 50,000m³ (ER Part 8 Clause 8.7.5(d)(ii) refers)

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

Appendix P – Environmental Mitigation Implementation Schedule (EMIS)

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

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

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

| EIA for KTD Development Ref. | EIA for KTD – Roads D3A & D4A Ref. | | Environmental Protection Measures / Mitigation Measures | Status |
|------------------------------------|--|---|--|--------|
| | S5.8 | - | Surface run-off from construction sites should be discharged | ^ |
| | | | into storm drains via adequately designed sand/silt removal | |
| | | | facilities such as sand traps, silt traps and sedimentation basins. | |
| | S5.8 | - | Channels or earth bunds or sand bag barriers should be provided | ^ |
| | | | on site to properly direct stormwater to such silt removal | |
| | | | facilities. Perimeter channels should be provided on site | |
| | | | boundaries where necessary to intercept storm run-off from | |
| | | | outside the site so that it will not wash across the site. Catchpits | |
| | | | and perimeter channels should be constructed in advance of site | |
| | | | formation works and earthworks. | |
| | S5.8 | - | Silt removal facilities, channels and manholes should be | ^ |
| | | | maintained and the deposited silt and grit should be removed | |
| | | | regularly, at the onset of and after each rainstorm to prevent | |
| | | | local flooding. Any practical options for the diversion and | |
| | | | re-alignment of drainage should comply with both engineering | |
| | | | and environmental requirements in order to provide adequate | |
| | | | hydraulic capacity of all drains. Minimum distance of 100 m | |
| | | | should be maintained between the discharge points of | |
| | | | construction site run-off and the existing saltwater intakes. | |
| | S5.8 | - | Earthworks final surfaces should be well compacted and the | ^ |
| | | | subsequent permanent work or surface protection should be | |
| | | | carried out immediately after the final surfaces are formed to | |
| | | | prevent erosion caused by rainstorms. Appropriate drainage like | |
| | | | intercepting channels should be provided where necessary. | |
| | S5.8 | - | Measures should be taken to minimize the ingress of rainwater | ^ |
| | | | 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, | ^ |
| | | | sand and fill material) on sites should be covered with tarpaulin | |
| | | | 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 | 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 |
| | | 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 ` | Water Quality Measures | |
|------------------------------------|--|---|--------|
| EIA for KTD Development Ref. | EIA for KTD - Roads D3A & D4A Ref. | Environmental Protection Measures / Mitigation Measures | Status |
| | | and particularly suited to applications where the influent is pumped. | |
| S3.4 | | Open stockpiles of construction materials (for examples, aggregates, | ^ |
| | | sand and fill material) of more than 50 m ³ should be covered with | |
| | | tarpaulin or similar fabric during rainstorms. Measures should be | |
| | | taken to prevent the washing away of construction materials, soil, | |
| | | silt or debris into any drainage system. | |
| S3.4 | | Manholes (including newly constructed ones) should always be | ^ |
| | | adequately covered and temporarily sealed so as to prevent silt, | |
| | | construction materials or debris being washed into the drainage | |
| | | system and storm runoff being directed into foul sewers. | |
| S3.4 | | Precautions to be taken at any time of year when rainstorms are | ^ |
| | | likely, actions to be taken when a rainstorm is imminent or forecast, | |
| | | and actions to be taken during or after rainstorms are summarised in | |
| | | Appendix A2 of ProPECC PN 1/94. Particular attention should be | |
| | | paid to the control of silty surface runoff during storm events. | |
| S3.4 | | Oil interceptors should be provided in the drainage system and | NA |
| | | regularly cleaned to prevent the release of oils and grease into the | |
| | | storm water drainage system after accidental spillages. The | |
| | | interceptor should have a bypass to prevent flushing during periods | |
| | | of heavy rain. | |
| S3.4 | S5.8 | Wheel Washing Water | ^ |
| | | All vehicles and plant should be cleaned before leaving a | |
| | | construction site to ensure no earth, mud, debris and the like is | |
| | | deposited by them on roads. An adequately designed and located | |
| | | wheel washing bay should be provided at every site exit, and | |
| | | wash-water should have sand and silt settled out and removed at | |
| | | least on a weekly basis to ensure the continued efficiency of the | |
| | | process. The section of access road leading to, and exiting from, the | |
| | | wheel-wash bay to the public road should be paved with sufficient | |
| | | backfall toward the wheel-wash bay to prevent vehicle tracking of | |
| | | soil and silty water to public roads and drains. | |
| S3.4 | | Drainage | ^ |
| | | It is recommended that on-site drainage system should be installed | |
| | | prior to the commencement of other construction activities. | |
| | | Sediment traps should be installed in order to minimise the sediment | |
| | | loading of the effluent prior to discharge into foul sewers. There | |
| | | should be no direct discharge of effluent from the site into the sea. | |
| S3.4 | | All temporary and permanent drainage pipes and culverts provided | ^ |

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

| - | Implementation Schedule for Water Quality Measures | | | |
|------------------------------------|--|---|--------|--|
| EIA for KTD Development Ref. | EIA for KTD - Roads D3A & D4A Ref. | Environmental Protection Measures / Mitigation Measures | Status | |
| | | hard standings within a bunded area, and sumps and oil interceptors | | |
| | | should be provided. Maintenance of vehicles and equipment | | |
| | | involving activities with potential for leakage and spillage should | | |
| | | only be undertaken within the areas appropriately equipped to | | |
| | | control these discharges. | | |
| | S5.8 | Disposal of chemical wastes should be carried out in compliance | ^ | |
| | | with the Waste Disposal Ordinance. The Code of Practice on the | | |
| | | Packaging, Labelling and Storage of Chemical Wastes published | | |
| | | under the Waste Disposal Ordinance details the requirements to deal | | |
| | | with chemical wastes. General requirements are given as follows: | | |
| | | - Suitable containers should be used to hold the chemical wastes | | |
| | | to avoid leakage or spillage during storage, handling and | | |
| | | transport. | | |
| | S5.8 | - Chemical waste containers should be suitably labelled, to notify | ^ | |
| | | and warn the personnel who are handling the wastes, to avoid | | |
| | | accidents. | | |
| | S5.8 | - Storage area should be selected at a safe location on site and | ^ | |
| | | adequate space should be allocated to the storage area. | | |

| Implementatio | on Schedule for V | Waste Management Measures | |
|------------------------------------|--|---|--------|
| EIA for KTD Development Ref. | EIA for KTD - Roads D3A & D4A Ref. | Environmental Protection Measures / Mitigation Measures | Status |
| 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 | | Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site. | ^ |
| | S6.7 | Prepare a Waste Management Plan, which becomes a part of the Environmental Management Plan, in accordance with the requirements stipulated in ETWB TC(W) No. 19/2005, approved by the Engineer/Supervising Officer of the Project based on current practices on construction sites. | ^ |
| S3.5 | S6.7 | - Training of site personnel in proper waste management and chemical waste handling procedures. | ٨ |

| Implementation Schedule for Waste Management Measures | | | |
|---|--|--|------------|
| EIA for KTD Development Ref. | EIA for KTD - Roads D3A & D4A Ref. | Environmental Protection Measures / Mitigation Measures | Status |
| S3.5 | S6.7 | - Provision of sufficient waste disposal points and regular | ^ * |
| | | collection for disposal. | |
| S3.5 | S6.7 | - Appropriate measures to minimise windblown litter and dust | ^ |
| | | during transportation of waste by either covering trucks or by | |
| | | transporting wastes in enclosed containers. | |
| S3.5 | | - A recording system for the amount of wastes generated, | ^ |
| | | recycled and disposed of (including the disposal sites). | |
| | S6.7 | - Regular cleaning and maintenance programme for drainage | ^ |
| | | systems, sumps and oil interceptors. | |
| | S6.7 | - Training should be provided to workers about the concepts of | ^ |
| | | site cleanliness and appropriate waste management procedures, | |
| | | including waste reduction, reuse and recycle. | |
| S3.5 | | Waste Reduction Measures | ^ |
| | | Good management and control can prevent the generation of a | |
| | | significant amount of waste. Waste reduction is best achieved at the | |
| | | planning and design stage, as well as by ensuring the | |
| | | implementation of good site practices. Recommendations to achieve | |
| | | waste reduction include: | |
| S3.5 | S6.7 | - Sort C&D waste from demolition of the remaining structures to | NA |
| | | recover recyclable portions such as metals. | |
| S3.5 | S6.7 | - Segregation and storage of different types of waste in different | ^ |
| | | containers, skips or stockpiles to enhance reuse or recycling of | |
| | | materials and their proper disposal. | |
| S3.5 | S6.7 | - Encourage collection of aluminium cans, PET bottles and paper | ^ |
| | | by providing separate labelled bins to enable these wastes to be | |
| | | segregated from other general refuse generated by the work | |
| | | force. | |
| S3.5 | | - Any unused chemicals or those with remaining functional | ^ |
| | | capacity should be recycled. | |
| S3.5 | S6.7 | - Proper storage and site practices to minimise the potential for | ^ |
| | | damage or contamination of construction materials. | |
| S3.5 | | 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 KTD Development Ref. | EIA for KTD - Roads D3A & D4A Ref. | Environmental Protection Measures / Mitigation Measures | Status |
|------------------------------------|--|---|--------|
| | | disposal, the transient stockpiles shall be located away from | |
| | | waterfront or storm drains as far as possible. | |
| S3.5 | | - Open stockpiles of construction materials or construction | ^ |
| | | wastes on-site should be covered with tarpaulin or similar | |
| | | fabric. | |
| S3.5 | | - Skip hoist for material transport should be totally enclosed by | ^ |
| | | impervious sheeting. | |
| S3.5 | | - Every vehicle should be washed to remove any dusty materials | ^ |
| | | from its body and wheels before leaving a construction site. | |
| S3.5 | | - The area where vehicle washing takes place and the section of | ^ |
| | | the road between the washing facilities and the exit point should | |
| | | be paved with concrete, bituminous materials or hardcores. | |
| 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. | Environmental Protection Measures / Mitigation Measures | Status |
|------------------------------------|--|--|--------|
| | | of waste. | |
| S3.5 | | Chemical Waste | ^* |
| | | After use, chemical wastes (for example, cleaning fluids, solvents, | |
| | | lubrication oil and fuel) should be handled according to the Code of | |
| | | Practice on the Packaging, Labelling and Storage of Chemical | |
| | | Wastes. Spent chemicals should be collected by a licensed collector | |
| | | for disposal at the CWTF or other licensed facility, in accordance | |
| | | with the Waste Disposal (Chemical Waste) (General) Regulation. | |
| | S6.7 | Separation of chemical wastes for special handling and appropriate | ^ |
| | | treatment. | |
| S3.5 | | General Refuse | ^ |
| | | General refuse should be stored in enclosed bins or compaction units | |
| | | separate from C&D material. A licensed waste collector should be | |
| | | employed by the contractor to remove general refuse from the site, | |
| | | separately from C&D material. Effective collection and storage | |
| | | methods (including enclosed and covered area) of site wastes would | |
| | | be required to prevent waste materials from being blown around by | |
| | | wind, wastewater discharge by flushing or leaching into the marine | |
| | | environment, or creating odour nuisance or pest and vermin | |
| | | problem. | |

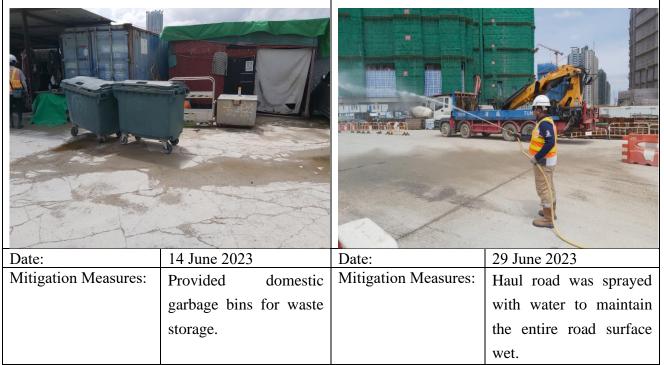
| EIA for KTD | Environmental Protection Measures / Mitigation Measures | |
|---|---|---|
| Roads D3A & D4A Ref. | Environmental Protection Measures / Miligation Measures | Status |
| | All existing trees should be carefully protected during construction. | ^ |
| | Trees unavoidably affected by the works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

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

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

Mitigation Measures undertaken by the Contractor for site inspections





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

Reporting Month: June 2023

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

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

| Contract No. | Record of Complaint | Record of Warning | Notification of Summons and Successful Prosecutions |
|--------------|---------------------|--------------------------|--|
| ED/2018/01 | 12 | 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. | The water spraying system was not operated in proper time. Stockpile was not covered properly. Haul road was not wetted. Materials transported on trucks were not provided with mechanical covers. | Investigation Based on the information provided by the Contractor on 22 Oct 2020, the water sprinklers system was sprayed every 15 minutes with 70 seconds interval automatically. For the area that water sprinklers system was not covered, manual water spraying was provided. Dump trucks were covered with mechanical cover after loading the materials. The stockpile area was covered by the tarpaulin during night time. Based on the monitoring results on 16 Oct 2020, the 1-hour and 24-hour TSP results were below the Action Levels and Limit Levels. Regular site inspection was conducted by ET on 22 Oct 2020, no adverse observation against the dust impact was recorded. Action taken As per the Contractor, the water sprinkler are now adjusted to start at 8:00am and end at 6:00pm for Monday to Saturday while from 8:00am to 5:00pm on Sunday. Water spraying are set with 5-minute time interval with duration 30-60 seconds. Recommendations To minimize the impact for air quality, mitigation measures should be enhanced specially in dry seasons are recommended: Increase the frequency and duration for automatic water spraying system. | Closed-out on 5 Nov 2020. No further complaint was received. |

| Complaint | Complaint Log for ED/2018/01 | | | | | |
|-----------------------|--|--|---|---|--|--|
| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status | | |
| | | | construction site should be wetted by water trucks or manually in regular basis.3. 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. | | | |
| 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. | Investigation As per contractor, part of the complaint area was within the site boundary of the project. Manual water spraying was provided. The exposed surface and stockpile areas were covered by the impermeable tarpaulin sheet. Action taken The exposed surface and stockpile area was covered by the impermeable tarpaulin sheet. Recommendations There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however the contractor is recommended to implement the following measures to minimize the impact for air quality: Ensure stockpiling sites should be lined with impermeable sheeting and bunded. Stockpiles should be fully covered by impermeable sheeting at all time except during working process. Ensure the work fulfill the relevant statutory requirements on control of air pollution. | Closed-out on 4 Oct 2021. No further complaint was received. | | |

| Complaint | Log for ED/2018/01 | | | |
|-----------------------|--|--|--|---|
| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status |
| | | | environmental nuisance arising from the construction site. | |
| C0003 | A water discharge complaint was referred from the Contractor on 10 Dec 2021 through E-Mail regarding a complaint received by EPD (ref.: K19/RE/00029046-21) on 9 Dec 2021. | Complaint of muddy water being discharged into the sea of To Kwa Wan Typhoon Shelter via a DSD outfall near the roundabout of Shing Fung Road. | Investigation Joint site inspection was conducted by ER, IEC, ET and the contractor on 14 Dec 2021, no adverse observation against the water impact was recorded. There was no muddy water discharge to DSD outfall near the roundabout of Shing Fung Road. The sandbag with layers and filter were provided at the manholes. Action taken Sandbags and filter were used to block the manholes. Manholes had been adequately covered and replace the filter frequently. Recommendations There was no direct evidence showing that the water nuisance was caused by the contractor at the complaint area. 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: Enhance the sandbag with several layers instead of one layer only and replace the filter | Closed-out on 5 Jan 2022. No further complaint was received. |

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

| Complaint | Log for ED/2018/01 | | | |
|-----------------------|--|--|---|--|
| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status |
| | | | Regular wash and clean the share haul road and roundabout in Shing Fung Road. Wheel washing for the trucks and vehicles before leaving the project site. The muddy water after the wheel washing should be directed to sedimentation tank and wastewater treatment facility before discharging to gully. Ensure stockpiling sites should be lined with impermeable sheeting and bunded. Stockpiles should be fully covered by impermeable sheeting at all time except during working process. Dusty materials transported on truck shall be covered. | |
| C0005 | A noise complaint was received by EPD on 21 Dec 2022. Contractor received Notification of Environmental Complaints from EPD (EPD ref.: K19/RE/00029422-22) | 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. | InvestigationRegular site inspection was conducted by ET andthe Contractor on 29 Dec 20221. As per the Contractor, the complaint was stillunder investigation and could not conclude thecomplaint related to the project site or not.2. Status of CNPs in the works area near ShingKai Road and Muk Tai Street were checkedand all of them were valid.ConstructionNumber 10Valid FormValid Till | - During the SSMEC meeting on 10 Jan 2023, the Contractor explained that the noise complaint case has |
| | on 22 Dec 2022. IEC received the notification on 22 Dec | | Noise Permit Value Form Value Form GW-RE1297-22 10 Dec 2022 08 Jun 2023 GW-RE1299-22 17 Dec 2022 15 Jun 2023 | already passed to head office and waiting |
| | 2022 from EPD and forwarded the notification to CEDD, Contractor, ER and ET | | <u>Action taken</u> 1. Trainings for CNP were provided to the labour on 22 Dec 2022. 2. No construction activities were allowed in the | for the Legal opinion. No further information |

| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status |
|-----------------------|---|--|--|--|
| | on same day. | | restricted hours for those areas without valid CNP. <u>Recommendations</u> To minimize the impact for construction noise, mitigation measures are recommended: 1. Training to new staff and regular enhance training for staff for CNP and other environmental issues. 2. Regularly check the status of ALL CNP and other environmental permits. | could be provided for Incident Report on Complaint Investigation at that moment. - Under investigation in the reporting month. |
| C0006 | A dust complaint was received by EPD on 6 Dec 2022. Contractor (POC) received Notification of Environmental Complaints from EPD (ref.: K19/RE/00027862-22) by E-Mail on 7 Dec 2022. IEC received the notification on 19 Jan 2023 and forwarded the notification to CEDD, ER and ET on same day. | Complaint of construction dust arising from construction sites along Shing Fung Road. | <u>Investigation</u> Site inspections were conducted by ET on 26 Jan 2023 and joint site inspection was conducted by Contractor (POC), ER, ET and IEC on 8 Feb 2023. 1. The concerned area (roundabout) is the common road for public vehicles. In addition, construction vehicles from several nearby construction sites also use the concerned road, especially a lots of dump trucks. 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. 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. 4. No construction works was observed on 26 Jan 2023 and no adverse observation against the dust impact were found during the site | - Closed-out on 16 Mar 2023. |

| Complaint Log for ED/2018/01 | | | | |
|------------------------------|--------------------------|--|---|--|
| Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status | |
| Date of Complaint | Description of Complaint | inspection on both dates. Action taken 1. Haul Road surfaces were wetted manually and washed the dusty water barrier regularly. 2. Wheel washing for the trucks and vehicles before leaving the project site directly through Shing Fung Road exit. 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. Recommendations There was no direct evidence showing that the dust nuisance was caused by the contractor (POC) is recommended to implement the following measures to minimize the impact for air quality: 1. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted manually in regular basis. 2. Regular wash the share haul road and roundabout in Shing Fung Road. 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. | | |
| | | <u> </u> | Date of Complaint Investigation / Actions taken / Recommendations inspection on both dates. Action taken 1. Haul Road surfaces were wetted manually and washed the dusty water barrier regularly. 2. Wheel washing for the trucks and vehicles before leaving the project site directly through Shing Fung Road exit. 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. 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. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted manually in regular basis. 2. Regular wash the share haul road and roundabout in Shing Fung Road. 3. Wheel washing for the trucks and vehicles before leaving the project site. The mody water after the wheel washing should be directed to sedimentation tank and wastewater treatment facility before discharging to gully. | |

| Complaint | 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. Contractor (POC) received Notification of Environmental Complaints from EPD (ref.: K19/RE/00001988-23) by E-Mail on 2 Feb 2023. IEC received the notification on 2 Feb 2023 and forwarded the notification to CEDD, ER and ET on the same day. | Complaint of dusty environment at the new road connecting Shing Fung Road and Shing Kai Road caused by vehicles from construction sites nearby. | Investigation Joint site inspection was conducted by Contractor (POC), ER, ET and IEC on 8 Feb 2023. 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. 2. Construction vehicles from POC are not allowed leaving the site 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. 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. 5. No adverse observation against the dust impact were found during the site inspection along the new road. <u>Action taken 1. Haul Road surfaces were wetted manually and washed the dusty water barrier regularly.</u> 2. Wheel washing for the trucks and vehicles before leaving the project site. 3. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction against the dust impact were found during the site inspection along the new road. | - Closed-out on 16 Mar 2023. | | |

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

| Complaint | Complaint Log for ED/2018/01 | | | | |
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| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status | |
| | the E-mail to ER, ET and IEC on same day. | | allowed leaving the site 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. As per Contractor (POC), EPD conducted site visit on 16 Feb 2023. 5. No adverse observation against the dust / muddy water impact were found during the site inspection on both dates. | | |
| | | | Action taken Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023. Haul Road surfaces were wetted manually and washed the dusty water barrier regularly. Wheel washing for the trucks and vehicles before leaving the project site. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow: | | |
| | | | Shing Fung Road by water truck was | | |

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| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status |
| | | | spraying truck | |
| | | | 9 Mar 2023 Sweeper truck with water spraying truck | |
| | | | 14 Mar 2023 Sweeper truck with water spraying truck | |
| | | | 22 Mar 2023 Sweeper truck with water spraying truck | |
| | | | 6. During the two site inspections, mitigation measures implemented by the Contractor (POC) were found properly based on existing site condition and resources. | |
| | | | <u>Recommendations</u> There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality: Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis. Regular wash the share haul road in Shing Fung Road. Dusty materials transported on truck shall be covered. | |
| C0009 | A dust complaint was received by EPD on 15 Feb 2023. Contractor (POC) | 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. | <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. | - Closed-out on 29 Mar 2023. |
| | received the | | 1. The concerned area (new road connecting | |

| Complaint | Complaint Log for ED/2018/01 | | | | |
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| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status | |
| | 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. | | Shing Fung Road & Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust nuisance. Construction vehicles from POC are not allowed leaving the site to Shing Fung Road directly with barriers blocked since 21 Jan 2023. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023. As per Contractor (POC), EPD conducted site visit on 16 Feb 2023. No adverse observation against the dust impact were found during the site inspection on both dates. | | |
| | | | <u>Action taken</u> Construction vehicles from Contractor (POC) are not allowed leaving the site to Shing Fung Road directly as the exit was blocked by barriers since 21 Jan 2023. Contractor (POC) has restricted the construction vehicles from nearby construction site (Gammon site) using this site entrance for any construction activities since 4 Feb 2023. Haul Road surfaces were wetted manually and washed the dusty water barrier regularly. Wheel washing for the trucks and vehicles before leaving the project site. | | |

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| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations Close-Out Date / Status |
| | | | 5. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted once a week as follow: Date Road Washing by |
| | | | 8 Mar 2023 Sweeper truck with water spraying truck 9 Mar 2023 Sweeper truck with water |
| | | | spraying truck 14 Mar 2023 Sweeper truck with water |
| | | | spraying truck 22 Mar 2023 Sweeper truck with water spraying truck |
| | | | 6. During the two site inspections, mitigation measures implemented by the Contractor (POC) were found properly based on existing site condition and resources. |
| | | | Recommendations There was no direct evidence showing that the dust nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air quality: 1. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis. 2. Regular wash the share haul road in Shing |
| | | | Regular wash the share had hoad in shing Fung Road. Dusty materials transported on truck shall be covered. |

| Complaint Log for ED/2018/01 | | | | |
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| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status |
| C0010 | A dust and muddy water complaint was received by Hotline 1823 on 9 Mar 2023. ER received the transfer from the Hotline 1823 on 9 Mar 2023 and forwarded the E-mail to Contractor (POC), ET and IEC on same day. | Complaint of dusty environment at the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road roundabout. Worker wetted the road surface and might cause mud / silt problem. | <u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER, and ET on 16 Mar 2023 and 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 nuisance. 2. Construction vehicles from POC are not allowed leaving the site 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. <u>Action taken</u> 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. 2. Contractor (POC) has restricted the 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 | - Closed-out on 6 Apr 2023. |

| Complaint l | Log for ED/2018/01 | | | |
|-----------------------|--------------------|--------------------------|--|----------------------------|
| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status |
| | | | 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: Date Road Washing by 8 Mar 2023 Sweeper truck with water spraying truck 9 Mar 2023 Sweeper truck with water spraying truck 14 Mar 2023 Sweeper truck with water spraying truck 6. 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. | |
| | | | <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 and water quality: | |

| Complaint Log for ED/2018/01 | | | | | |
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| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status | |
| | | | Dusty materials transported on truck shall be covered. Enhance the sandbags with several layers of filters and replace the filter frequently. | | |
| C0011 | A muddy water complaint was received by EPD on 9 Mar 2023. Contractor (POC) received the Notification of Environmental Complaints from EPD (ref.: K19/RE/00004280-23) 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), ER and ET on 23 Mar 2023.1. The concerned area (new road connecting Shing Fung Road & Shing Kai Road) has been open for public vehicles (not only project related vehicles) since 31 Dec 2022. Vehicles from nearby construction sites also used the concerned road. Those are the possible sources of dust / mud / silt nuisance.2. The sandbags were provided around the manholes.3. No adverse observation against the muddy water impact were found during the site inspection on both dates.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 Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date |
|-----------------------|---|--|--|-------------------------------------|
| Complaint Ref. No. | Date of Complaint Description of Complaint | 9 Mar 2023 Sweeper truck with water spraying truck 14 Mar 2023 Sweeper truck with water spraying truck 22 Mar 2023 Sweeper truck with water spraying truck 3. The sandbags were provided around the manholes. Recommendations There was no direct evidence showing that the muddy water nuisance was caused by the contractor at the complaint area, however Contractor (POC) is recommended to implement the following measures to minimize the impact for air and water quality: | / Status | |
| 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 | Complaint of silt / mud accumulation on the new road connecting Shing Fung Road and Shing Kai Road caused by vehicles from construction site nearby. | Enhance the sandbags with several layers of filters and replace the filter frequently. <u>Investigation</u> Joint site inspection was conducted by Contractor (POC), ER and ET on 8 June 2023. As per Mr. Tony Tang from POC, the concerned area was the section of Shing Fung Road at the entrance of Gammon site accommodation. The new road connecting Shing Fung Road & 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. | - Closed-out on 19 June 2023. |

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| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / | vestigation / Actions taken / Recommendations | |
| | and IEC on same day. | | 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. 4. No adverse observation against the dust impact were found during the site inspection. <u>Action taken</u> 1. As per instruction from CEDD and AECOM, road washing along the new road (connecting Shing Fung Road and Shing Kai Road) and Shing Fung Road by water truck was conducted twice a week start from 11 May | | |
| | | | 2023. | | |
| | | | Date | Road Washing by | |
| | | | 19 May 2023 | Sweeper truck with water spraying truck | |
| | | | 23 May 2023 | Sweeper truck with water spraying truck | |
| | | | 25 May 2023 | · · · · | |
| | | | 30 May 2023 | Sweeper truck with water spraying truck | |
| | | | 2 June 2023 | Sweeper truck with water spraying truck | |
| | | | 6 June 2023 | Sweeper truck with water spraying truck | |
| | | | 9 June 2023 | Sweeper truck with water spraying truck | |
| | | | 13 June 2023 | | |
| | | | | shing for the vehicles before leaving | |
| | | the construction site. | | | |

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| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Actions taken / Recommendations | Close-Out Date / Status | | |
| | | | <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: 1. Regular wash the share haul road in Shing Fung Road and Shing Kai Road. 2. Dusty materials transported on truck should be covered. | | | |