Our ref: 29-3-2022

29-3-2022 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 Quarterly EM&A Report (October 2021 – December 2021)**

I refer to the Environment Permit (EP) No. EP-337/2009 and EP-445/2013/A 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 Quarterly EM&A Report for October 2021 – December 2021, 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 2618 2166 should you require further information.

Yours faithfully,

For and on behalf of
Ka Shing Management Consultant Limited

***AKCL***
Applied knowledge center limited
Company Secretary

Encl. Quarterly EM&A Report (October 2021 – December 2021)

Ref.: CEDKTDS4EM00_0_0216L.22

28 March 2022

By Post and Email

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

Attention: Mr. Clive Cheng

Dear Mr. Cheng,

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

**Quarterly EM&A Summary Report for October 2021 to December 2021**

Reference is made to the Environmental Team's submission of the Quarterly EM&A Summary Report for October 2021 to December 2021 (Version 1.1) certified by the ET Leader and provided to us via email on 25 March 2022.

Please be informed that we have no adverse comment on the captioned submission.

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

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

Y H Hui
Independent Environmental Checker

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

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# Quarterly Environmental Monitoring and Audit Summary Report (October 2021 – December 2021)

# for

# Contract No. ED/2018/01 –

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

## Contract No.: EDO 15/2018

(Version 1.1)

Certified By:

(Environmental Team Leader)

## Table of Content Page


EXECUTIVE SUMMARY ..... 6

Breaches of Action and Limit Levels ..... 6

Complaint log ..... 6

Notifications of Summons and Successful Prosecutions ..... 6

Report changes ..... 6

Major construction works in the reporting period ..... 7

1. INTRODUCTION ..... 9

Project Background ..... 9

Project Organization ..... 10

Works Area and Construction Programme ..... 10

Construction works undertaken during reporting period ..... 11

2. SUMMARY OF EM&A REQUIREMENTS AND MONITORING RESULTS ... 13

Monitoring Requirements ..... 13

Air Quality Monitoring Locations ..... 13

Air Quality Monitoring Parameters, Frequency and Duration ..... 13

Air Quality Monitoring Equipment ..... 14

Air Quality Monitoring Methodology and QA/QC Procedure ..... 14

Wind Data Monitoring ..... 17

Impact Air Quality Action and Limit Levels ..... 17

Impact Air Quality Monitoring results ..... 17

Noise Monitoring Locations ..... 18

Noise Monitoring Parameters, Frequency and Duration ..... 19

Noise Monitoring Equipment ..... 19

Monitoring Methodology and QA/QC Procedure ..... 19

Maintenance and Calibration ..... 20

Impact Noise Action and Limit Levels ..... 20

Impact Noise Monitoring results ..... 21
Comparison of EM&A Results with EIA Predictions ..... 22
3. LANDSCAPE AND VISUAL MONITORING ..... 25
4. SOLID AND LIQUID WASTE MANAGEMENT ..... 27
5. ENVIRONMENTAL SITE INSPECTION AND AUDIT ..... 28
Site Inspection ..... 28
Implementation Status of Environmental Mitigation Measures ..... 29
6. SUMMARY OF NON-COMPLIANCE STATUS ..... 30
Breaches of Action and Limit Levels ..... 30
Environmental Complaint and Non-compliance ..... 30
Notifications of summons and successful prosecutions ..... 32
7. COMMENTS, RECOMMENDATIONS AND CONCLUSIONS ..... 34
Comments ..... 34
Recommendations ..... 34
Conclusions ..... 35

**List of Tables**

Table I Major construction activities in the reporting period
Table 1.1 Contact information of key personnel
Table 1.2 Major construction activities in the reporting period
Table 2.1 Locations of air quality monitoring stations
Table 2.2 Air quality monitoring parameters, frequency and duration
Table 2.3 Air Quality Monitoring Equipment
Table 2.4 Action and Limit Levels of 24-hour average TSP for construction dust monitoring
Table 2.5 Action and Limit Levels of 1-hour average TSP for construction dust monitoring
Table 2.6 Summary of 24-hour average TSP monitoring data during the reporting period
Table 2.7 Summary of 1-hour average TSP monitoring data during the reporting period

Table 2.8 Locations of noise monitoring stations

Table 2.9 Noise monitoring parameters, frequency and duration

Table 2.10 Noise Monitoring Equipment

Table 2.11 Baseline noise level and Action and Limit Levels for construction noise monitoring

Table 2.12 Summary of noise monitoring data during the reporting period

Table 2.13 Comparison of 24-hour average TSP monitoring data with EIA predictions

Table 2.14 Comparison of 1-hour average TSP monitoring data with EIA predictions

Table 2.15 Comparison of noise monitoring data with EIA predictions

Table 3.1 Summary of observations of Landscape and Visual impact during the reporting period

Table 5.1 Summary of site inspections observations during the reporting period

Table 6.1 Non-compliance record in the reporting period

Table 6.2 Summary of complaints in the reporting period

Table 6.3 Summary of summons and successful prosecutions in the reporting period

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

**List of Figure**

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

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

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

Figure 4 – Site Layout Plan

Figure 5 – Air Quality Monitoring Stations

Figure 6 – Noise Monitoring Stations

List of Appendices

Appendix A – Organization Chart of EM&A Team and Emergency Team

Appendix B – Construction Programme

Appendix C – Weather information

Appendix D – Monitoring data and graphical plots

Appendix E – Event and Action Plans for Construction Dust Monitoring, Construction Noise and Landscape and Visual Impact

Appendix F – Waste Flow Table

Appendix G – Environmental Mitigation Implementation Schedule (EMIS)

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

# EXECUTIVE SUMMARY

1. This is the 8th Quarterly Environmental Monitoring & Audit (EM&A) Summary Report which summaries the findings of the EM&A Programme during the reporting period from 1 October 2021 to 31 December 2021 (the "reporting period").

**Breaches of Action and Limit Levels**

2. 1-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

3. 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

4. Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

**Complaint log**

5. One water discharge complaint was received in the reporting month. Summary of complaints in the reporting period is tabulated in Table 6.2.

**Notifications of Summons and Successful Prosecutions**

6. No notification of summons and successful prosecutions was received in the reporting period.

**Report changes**

7. There was no reporting change in the reporting period.

**Major construction works in the reporting period**

8. Major construction activities undertake during the reporting period included:

*Table I Major construction activities in the reporting period*

| October 2021 | November 2021 | December 2021 |
|---|---|---|
| - North Approach Ramp – Construction of wall, roof slab, utilities trough<br>- Bridge D3 – Construction of Abutment, Pier, Bridge Deck<br>- North Depressed Road – Construction of wall & top slab / Sheet pile extraction<br>- Underpass – Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab<br>- South Approach Ramp – Construction of Permanent Structure<br>- District Cooling System seawater intake box culvert – Construction of cofferdam and box structure<br>- Noise barrier – Erection of steel working and PMMA panel / road and drainage works / Dismantle of working platform<br>- Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel<br>- Lift 4 – Water Pipe Diversion<br>- South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation at formation level<br>- Rising Main and Water Pipe – ELS works / Laying<br>- Landscaped Deck – | - North Approach Ramp – Construction of wall, roof slab, utilities trough<br>- Bridge D3 – Construction of Abutment, Pier, Bridge Deck<br>- North Depressed Road – Construction of wall & top slab<br>- Underpass – Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab<br>- South Approach Ramp – Construction of Permanent Structure<br>- District Cooling System seawater intake box culvert – Construction of cofferdam and box structure<br>- Noise barrier – Erection of steel working and PMMA panel / road and drainage works / Dismantle of working platform<br>- Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works / Installation of lift and earthwork<br>- Lift 4 – Water Pipe Diversion / Construction of Lift Shaft / Construction Wall and Roof Slab<br>- South Depressed Road – Installation of sheet pile / wailing & strut for the | - North Approach Ramp – Construction of wall, roof slab, utilities trough<br>- Bridge D3 – Construction of Bridge Deck and abutments<br>- North Depressed Road – Construction of wall & top slab<br>- Underpass – Construction of walls and roof slab<br>- South Approach Ramp – Construction of Permanent Structure<br>- District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works<br>- Lift 3 – Construction of linking platform<br>- Lift 4 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel<br>- South Depressed Road – Installation of ELS system / construction of permanent works<br>- Rising Main and Water Pipe – Laying of sewage<br>- Landscaped Deck – Construction of pile caps and installation of columns<br>- Transformer Room – Installation of ELS system and construction of permanent structure<br>- Road D3 Junction – Road works |

| October 2021 | November 2021 | December 2021 |
|---|---|---|
| Construction of pile caps<br>- Transformer Room – Sheet pile installation/ Pre-drilling works | cofferdam / excavation at formation level<br>- Rising Main and Water Pipe – ELS works / Laying<br>- Landscaped Deck – Construction of pile caps<br>- Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works<br>- Road D3 Junction – Road works<br>- Lift 1 &2 – Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | - Lift 1 &2 – Installation of ELS system |

# 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 Civil Engineering and Development Department (CEDD) had completed an Environmental Impact Assessment (EIA) and is the Permit Holder.

1.4 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, EP-445/2013 and Variation to the EP (VEP) No. EP-445/2013/A.

1.5 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

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

*Table 1.1 Contact information of key personnel*

| Party | Role | Contact Person | Position | Phone No. | Fax No. |
|---|---|---|---|---|---|
| Civil Engineering and Development Department (CEDD) | Project Proponent | Mr. Alex Wong | Senior Engineer | 3579 2452 | 2739 0076 |
| | | 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. Lulu Mar | Environmental Officer | 6845 0626 | 3465 8898 |

## Works Area and Construction Programme

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

**Construction works undertaken during reporting period**

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

*Table 1.2 Major construction activities in the reporting period*

| October 2021 | November 2021 | December 2021 |
|---|---|---|
| - North Approach Ramp – Construction of wall, roof slab, utilities trough<br>- Bridge D3 – Construction of Abutment, Pier, Bridge Deck<br>- North Depressed Road – Construction of wall & top slab / Sheet pile extraction<br>- Underpass – Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab<br>- South Approach Ramp – Construction of Permanent Structure<br>- District Cooling System seawater intake box culvert – Construction of cofferdam and box structure<br>- Noise barrier – Erection of steel working and PMMA panel / road and drainage works / Dismantle of working platform<br>- Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel<br>- Lift 4 – Water Pipe Diversion<br>- South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation at formation level<br>- Rising Main and Water Pipe – ELS works / Laying<br>- Landscaped Deck – | - North Approach Ramp – Construction of wall, roof slab, utilities trough<br>- Bridge D3 – Construction of Abutment, Pier, Bridge Deck<br>- North Depressed Road – Construction of wall & top slab<br>- Underpass – Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab<br>- South Approach Ramp – Construction of Permanent Structure<br>- District Cooling System seawater intake box culvert – Construction of cofferdam and box structure<br>- Noise barrier – Erection of steel working and PMMA panel / road and drainage works / Dismantle of working platform<br>- Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works / Installation of lift and earthwork<br>- Lift 4 – Water Pipe Diversion / Construction of Lift Shaft / Construction Wall and Roof Slab<br>- South Depressed Road – Installation of sheet pile / wailing & strut for the | - North Approach Ramp – Construction of wall, roof slab, utilities trough<br>- Bridge D3 – Construction of Bridge Deck and abutments<br>- North Depressed Road – Construction of wall & top slab<br>- Underpass – Construction of walls and roof slab<br>- South Approach Ramp – Construction of Permanent Structure<br>- District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works<br>- Lift 3 – Construction of linking platform<br>- Lift 4 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel<br>- South Depressed Road – Installation of ELS system / construction of permanent works<br>- Rising Main and Water Pipe – Laying of sewage<br>- Landscaped Deck – Construction of pile caps and installation of columns<br>- Transformer Room – Installation of ELS system and construction of permanent structure<br>- Road D3 Junction – Road works |

| October 2021 | November 2021 | December 2021 |
|---|---|---|
| Construction of pile caps<br>- Transformer Room – Sheet pile installation/ Pre-drilling works | cofferdam / excavation at formation level<br>- Rising Main and Water Pipe – ELS works / Laying<br>- Landscaped Deck – Construction of pile caps<br>- Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works<br>- Road D3 Junction – Road works<br>- Lift 1 &2 – Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | - Lift 1 &2 – Installation of ELS system |

# 2. SUMMARY OF EM&A REQUIREMENTS AND MONITORING RESULTS

**Monitoring Requirements**

2.1 In accordance with EM&A Manuals (EIA Register Nos. AEIAR-130/2009), impact air quality monitoring and impact noise monitoring shall be carried out during the construction phase of the Project.

**Air Quality 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 period. Table 2.1 describes the air quality monitoring locations, which are also depicted in Figure 5.

*Table 2.1 Locations of air quality monitoring stations*

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

**Air Quality Monitoring Parameters, Frequency and Duration**

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

*Table 2.2 Air quality monitoring parameters, frequency and duration*

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

| Air Monitoring Station | Location for Measurement | Parameter | Duration | Frequency |
|---|---|---|---|---|
| AM7 - Hong Kong Children's Hospital | Rooftop | average TSP | | every 6 days |

**Air Quality Monitoring Equipment**

2.4 24-hour average TSP and 1-hour average TSP levels were measured for impact monitoring. 24-hour average TSP levels were measured by the High Volume Samplers (HVS) and 1-hour average TSP levels were measured by direct reading method to indicate short-term impacts. Wind data monitoring equipment was set up at conspicuous locations for logging wind speed and wind direction near to the dust monitoring locations. Table 2.3 summarizes the equipment to be used in the air quality monitoring.

*Table 2.3 Air Quality Monitoring Equipment*

| Equipment | Model | Quantity |
|---|---|---|
| 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 | 4 |
| Wind Anemometer | Davis Vantage Pro2 Weather Station | 1 |

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

**Air Quality Monitoring Methodology and QA/QC Procedure**

***24-hour TSP Monitoring***

Operating/Analytical Procedures

2.6 Setup criteria of HVS are shown as follows:

- A horizontal platform with appropriate support to secure the samplers against gusty wind was provided.
- No two samplers were placed less than 2m apart.

- The distance between the sampler and an obstacle, such as buildings, was at least twice the height that the obstacle protrudes above the sampler.
- A minimum of 2m of separation from walls, parapets and penthouses was set for the rooftop samples.
- A minimum of 2m separation from any supporting structure, measured horizontally was set.
- No furnaces or incineration flues was nearby.
- Airflow around the sampler was unrestricted.
- Any wire fence and gate, to protect the samplers, was not caused any obstruction during monitoring.
- Permission were obtained to setup the samplers and to obtain access to the monitoring stations.
- A secured supply of electricity was provided to operate the samplers.

2.7 Prior to the commencement of the dust sampling, the flow rate of the HVS was properly set (between 1.1 $m^3$/min. and 1.7 $m^3$/min.) in accordance with the manufacturer's instruction to within the range recommended in USEPA Standard Title 40, CFR Part 50.

2.8 For TSP sampling, Glass Fiber Filter Media 8" x 10" have a collection efficiency of > 99 % for particles of 0.3 μm diameter were used.

2.9 The power supply was checked to ensure the sampler worked properly and then placed any filter media at the designated air monitoring station

2.10 The filter holding frame was removed by loosening the four nuts and a weighted and conditioned filter was carefully centered with the stamped number upwards, on a supporting screen.

2.11 The filter was aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter. Then the filter holding frame was tightened to the filter holder with swing bolts. The applied pressure was sufficient to avoid air leakage at the edges.

2.12 The shelter lid was closed and secured with the aluminium strip.

2.13 The timer was programmed. Information was recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper can be found out by using the filter number).

2.14 After sampling, the filter was removed from the HVS and put into a clean and labeled seal plastic bag to avoid cross contamination. The elapsed time was also be recorded. The sampled filters were sent to the HOKLAS accredited or other internationally accredited laboratory for weighting.

Maintenance/Calibration

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

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

***1-hour TSP Monitoring***

Measurement Procedures

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

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

Maintenance/Calibration

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

- To 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**

2.18 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 to record wind speed and wind direction.

2.19 Details of weather information during the monitoring period are shown in Appendix C.

**Impact Air Quality Action and Limit Levels**

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

*Table 2.4 Action and Limit Levels of 24-hour average TSP for construction dust monitoring*

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

*Table 2.5 Action and Limit Levels of 1-hour average TSP for construction dust monitoring*

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

**Impact Air Quality Monitoring results**

2.21 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 2.6 and Table 2.7 respectively.

*Table 2.6 Summary of 24-hour average TSP monitoring data during the reporting period*

| Air Monitoring Station | October 2021 | | November 2021 | | December 2021 | | Action Level, μg/m³ | Limit Level, μg/m³ |
|---|---|---|---|---|---|---|---|---|
| | 24-hr Average TSP Concentration, μg/m³ | Range, μg/m³ | 24-hr Average TSP Concentration, μg/m³ | Range, μg/m³ | 24-hr Average TSP Concentration, μg/m³ | Range, μg/m³ | | |
| AM3 | 61 | 31 – 107 | 74 | 58 – 82 | 75 | 26 – 93 | 182 | 260 |
| AM4(A) | 69 | 40 – 131 | 83 | 71 – 96 | 70 | 22 – 90 | 187 | 260 |
| AM7 | 70 | 41 – 100 | 68 | 58 – 85 | 80 | 24 – 109 | 181 | 260 |

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

| Air Monitoring Station | October 2021 | | November 2021 | | December 2021 | | Action Level, μg/m³ | Limit Level, μg/m³ |
|---|---|---|---|---|---|---|---|---|
| | 1-hr Average TSP Concentration, μg/m³ | Range, μg/m³ | 1-hr Average TSP Concentration, μg/m³ | Range, μg/m³ | 1-hr Average TSP Concentration, μg/m³ | Range, μg/m³ | | |
| AM3 | 45 | 23 – 86 | 55 | 42 – 65 | 56 | 21 – 82 | 297 | 500 |
| AM4(A) | 55 | 31 – 111 | 62 | 47 – 77 | 58 | 26 – 73 | 326 | 500 |
| AM7 | 56 | 32 – 90 | 50 | 38 – 60 | 65 | 23 – 96 | 315 | 500 |

2.22 There was no Action and Limit Level exceedance of 24-hour average TSP and 1-hour average TSP levels recorded during the reporting period.

2.23 Graphical presentation and detailed monitoring results of 24-hour average TSP and 1-hour average TSP levels are shown in Appendix D.

2.24 The Event and Action Plan is provided in Appendix E.

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

**Noise Monitoring Locations**

2.26 Two designated monitoring stations were selected for noise monitoring programme. Impact noise monitoring was conducted at two noise monitoring stations in the reporting period. Table 2.8 describes the noise monitoring locations, which are also depicted in Figure 6.

*Table 2.8 Locations of noise monitoring stations*

| Noise Monitoring Locations for the Project | Location of Measurement |
|---|---|
| M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop | Rooftop (Façade) |
| M12 - Hong Kong Children's Hospital | Rooftop (Façade) |

**Noise Monitoring Parameters, Frequency and Duration**

2.27 The noise monitoring locations and monitoring frequency are listed in Table 2.9.

*Table 2.9 Noise monitoring parameters, frequency and duration*

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

**Noise Monitoring Equipment**

2.28 As referred to in the Technical Memorandum (TM) issued under the Noise Control Ordinance (NCO), sound level meters in compliance with the IEC 61672-1 (Type 1) standard [this standard replaced the International Electrotechnical Commission Publications 60651:1979 (Type 1) and 60804:1985 (Type 1)] were used for noise monitoring. Table 2.10 summarizes the equipment to be used in the noise monitoring.

*Table 2.10 Noise Monitoring Equipment*

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

**Monitoring Methodology and QA/QC Procedure**

2.29 The noise level measurement was conducted at 1m from the exterior of the nearby noise sensitive receivers building façade and at 1.2m above the ground and facing to the source area or the planned measurement area.

2.30 No noise measurement was conducted in the presence of fog, rain, wind with a steady speed exceeding 5 m/s or wind with gusts exceeding 10 m/s. Air flow was measured by air flow meter.

2.31 Turned on the sound level meter and check the battery, if too low, change new ones.

2.32 Calibration was conducted immediately prior to and after each noise measurement, the accuracy of the sound level meters was checked by using sound calibrator generating 1,000 Hz with 94dB. Measurement data was found to be valid only if the calibration levels from before and after the noise measurement agreed to within 1.0 dB.

2.33 Noise level was recorded.

2.34 Recorded any activities that may generate noise during measurement period.

**Maintenance and Calibration**

2.35 The microphone head of the sound level meter and calibrator was cleaned with a soft cloth at quarterly intervals.

2.36 The sound level meter and sound calibrator were calibrated annually.

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

**Impact Noise Action and Limit Levels**

2.38 The Baseline Noise Levels and Action and Limit Levels for construction noise is presented in Table 2.11.

*Table 2.11 Baseline noise level and Action and Limit Levels for construction noise monitoring*

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

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

**Impact Noise Monitoring results**

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

*Table 2.12 Summary of noise monitoring data during the reporting period*

| Noise Monitoring Station | October 2021 | | November 2021 | | December 2021 | | Action Level | Limit Level ^ |
|---|---|---|---|---|---|---|---|---|
| | Measured $L_{Aeq, 30\text{-}min}$, Average, dB(A) | Measured $L_{Aeq, 30\text{-}min}$, Range, dB(A) | Measured $L_{Aeq, 30\text{-}min}$, Average, dB(A) | Measured $L_{Aeq, 30\text{-}min}$, Range, dB(A) | Measured $L_{Aeq, 30\text{-}min}$, Average, dB(A) | Measured $L_{Aeq, 30\text{-}min}$, Range, dB(A) | | |
| M11 | 69.4 | 67.7 – 70.4 | 67.2 | 65.5 – 68.4 | 67.8 | 67.1 – 68.1 | When one documented complaint is received | 75 dB(A) |
| M12 | 64.4 | 58.8 – 66.2 | 64.4 | 60.9 – 65.7 | 65.0 | 63.8 – 65.9 | | |

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

2.40 There were no Action Level exceedance of noise monitoring and Limit Level exceedance of $L_{Aeq, 30min}$ recorded during the reporting period.

2.41 Graphical presentation and detailed monitoring results of impact noise are shown in Appendix D.

2.42 The Event and Action Plan is provided in Appendix E.

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

**Comparison of EM&A Results with EIA Predictions**

2.44 The environmental impacts predictions were given in Agreement No. CE 35/2006(CE) Kai Tak Development Engineering Study cum Design and Construction of Advance Works - Investigation, Design and Construction - Kai Tak Development Environmental Impact Assessment Report, EIA Register Nos. AEIAR-130/2009 for Kai Tak Development (The EIA Report). The EM&A data was compared with the EIA predictions as summarized in Table 2.13 to Table 2.15.

*Table 2.13 Comparison of 24-hour average TSP monitoring data with EIA predictions*

| Air Monitoring Station | ASR No. in EIA report | Predicted Cumulative Maximum 24-hr average TSP concentration | | Measured 24-hr average TSP in Reporting Month (October 2021), $\mu g/m^3$ | Measured 24-hr average TSP in Reporting Month (November 2021), $\mu g/m^3$ | Measured 24-hr average TSP in Reporting Month (December 2021), $\mu g/m^3$ |
|---|---|---|---|---|---|---|
| | | Scenario 1 (Mid 2009 to Mid 2013), $\mu g/m^3$ | Scenario 2 (Mid 2013 to Late 2016), $\mu g/m^3$ | | | |
| AM3 - Sky Tower | A40^ | 106 | 138 | 31 – 107 | 58 – 82 | 26 – 93 |
| AM4(A) - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop | A43^ | 123 | 195 | 40 – 131 | 71 – 96 | 22 – 90 |
| AM7 – Hong Kong Children's Hospital | PA60 | NA | NA | 41 – 100 | 58 – 85 | 24 – 109 |

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

*Table 2.14 Comparison of 1-hour average TSP monitoring data with EIA predictions*

| Air Monitoring Station | ASR No. in EIA report | Predicted Cumulative Maximum 1-hour average TSP concentration | | Measured 1-hr average TSP in Reporting Month (October 2021), $\mu g/m^3$ | Measured 1-hr average TSP in Reporting Month (November 2021), $\mu g/m^3$ | Measured 1-hr average TSP in Reporting Month (December 2021), $\mu g/m^3$ |
|---|---|---|---|---|---|---|
| | | Scenario 1 (Mid 2009 to Mid 2013), $\mu g/m^3$ | Scenario 2 (Mid 2013 to Late 2016), $\mu g/m^3$ | | | |
| AM3 - Sky Tower | A40 | 217^ | 247^ | 23 – 86 | 42 – 65 | 21 – 82 |
| AM4(A) - The Hong Kong Society for the | A43 | 283^ | 409^ | 31 – 111 | 47 – 77 | 26 – 73 |

| Air Monitoring Station | ASR No. in EIA report | Predicted Cumulative Maximum 1-hour average TSP concentration | | Measured 1-hr average TSP in Reporting Month (October 2021), $\mu g/m^3$ | Measured 1-hr average TSP in Reporting Month (November 2021), $\mu g/m^3$ | Measured 1-hr average TSP in Reporting Month (December 2021), $\mu g/m^3$ |
|---|---|---|---|---|---|---|
| | | Scenario 1 (Mid 2009 to Mid 2013), $\mu g/m^3$ | Scenario 2 (Mid 2013 to Late 2016), $\mu g/m^3$ | | | |
| Blind's Factory cum Sheltered Workshop | | | | | | |
| AM7 – Hong Kong Children's Hospital | PA60 | NA | NA | 32 – 90 | 38 – 60 | 23 – 96 |

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

*Table 2.15 Comparison of noise monitoring data with EIA predictions*

| Noise Monitoring Station | NSR No. in EIA report | Predicted Mitigated Construction Noise Levels during Normal Daytime Working Hour $L_{Aeq, 30min}$, dB(A) | Measured Noise Level in Reporting Month (October 2021) $L_{Aeq, 30min}$, dB(A) | Measured Noise Level in Reporting Month (November 2021) $L_{Aeq, 30min}$, dB(A) | Measured Noise Level in Reporting Month (December 2021) $L_{Aeq, 30min}$, dB(A) |
|---|---|---|---|---|---|
| M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop | N18 | 50 – 76* | 67.7 – 70.4 | 65.5 – 68.4 | 67.1 – 68.1 |
| M12 - Hong Kong Children's Hospital | PN83, PN84, PN84A | NA | 58.8 – 66.2 | 60.9 – 65.7 | 63.8 – 65.9 |

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

2.45 For AM3, 24-hour TSP monitoring results recorded in October 2021 were higher than the Scenario 1 (Mid 2009 to Mid 2013) prediction but lower than the Scenario 2 (Mid 2013 to Late 2016) prediction in the EIA Report. 24-hour TSP monitoring results recorded in November and December 2021 at AM3 were lower than the prediction in the EIA Report. Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

2.46 For AM4(A), 24-hour TSP monitoring results recorded in October 2021 were higher than the

Scenario 1 (Mid 2009 to Mid 2013) prediction but lower than the Scenario 2 (Mid 2013 to Late 2016) prediction in the EIA Report. 24-hour TSP monitoring results recorded in November and December 2021 at AM4(A) were lower than the prediction in the EIA Report.. Non-project related construction activities in the adjacent construction sites were observed during the reporting period and may affect the monitoring results.

2.47 No prediction in the EIA Report for 24-hour TSP monitoring results at AM7.

2.48 1-hour TSP monitoring results at AM3 and AM4(A) recorded in the reporting period were recorded lower than the prediction in the EIA Report.

2.49 No prediction in the EIA Report for 1-hour TSP monitoring results at AM7.

2.50 Noise monitoring results at M11 recorded in the reporting period were lower than the prediction in the EIA Report.

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

# 3. LANDSCAPE AND VISUAL MONITORING

3.1 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.

3.2 Site inspections were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site.

3.3 The summaries of site audits are attached in Table 3.1.

*Table 3.1 Summary of observations of Landscape and Visual impact during the reporting period*

| Inspection Date | Key Observations | Recommendations / Actions | Close-out Date / Status |
|---|---|---|---|
| 07 October 2021 | NA | NA | NA |
| 11 October 2021 | NA | NA | NA |
| 21 October 2021 | NA | NA | NA |
| 28 October 2021 | NA | NA | NA |
| 04 November 2021 | NA | NA | NA |
| 11 November 2021 | NA | NA | NA |
| 18 November 2021 | NA | NA | NA |
| 25 November 2021 | NA | NA | NA |
| 02 December 2021 | NA | NA | NA |
| 09 December | NA | NA | NA |

| Inspection Date | Key Observations | Recommendations / Actions | Close-out Date / Status |
|---|---|---|---|
| 2021 | | | |
| 14 December 2021 | NA | NA | NA |
| 23 December 2021 | NA | NA | NA |
| 30 December 2021 | NA | NA | NA |

3.4 Should non-compliance of the landscape and visual impact occur, action in accordance with the action plan presented in Appendix E shall be performed.

# 4. SOLID AND LIQUID WASTE MANAGEMENT

4.1 The amount of wastes generated by the major site activities of the work contracts within the Project during the reporting period is shown in Appendix F.

4.2 The Contractor was registered as a chemical waste producer for the Project. 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.

4.3 Mitigation measures recommended in the EIA Report were implemented by the Contractor where applicable and were considered effective in reduction the waste generation during the reporting period.

# 5. ENVIRONMENTAL SITE INSPECTION AND AUDIT

**Site Inspection**

5.1 Site inspections were carried out on a weekly basis to monitor the timely implementation of proper environmental management practices and mitigation measures in the Project site.

5.2 All follow-up actions requested by ET and/or IEC during site inspections were undertaken by the Contractor and ET reviewed the effectiveness in the following weekly site inspection.

5.3 The summaries of site audits are attached in Table 5.1.

*Table 5.1 Summary of site inspections observations during the reporting period*

| Inspection Date | Key Observations / Recommendations | Actions | Close-out Date / Status |
|---|---|---|---|
| 07 October 2021 | NA | NA | NA |
| 11 October 2021 | NA | NA | NA |
| 21 October 2021 | Observation:<br>The accumulated waste should be removed. | Action Taken:<br>Waste was removed. | Closed-out on 28 October 2021 |
| 28 October 2021 | Observation:<br>Dust suppression should be enforced traffic road to reduce dust nuisance. | Action Taken:<br>Dust suppression was enforced traffic road to reduce dust nuisance. | Closed-out on 4 November 2021 |
| 04 November 2021 | Observation:<br>Dust suppression should be enforced traffic road to reduce dust nuisance. | Action Taken:<br>Dust suppression was forced traffic road to reduce dust nuisance. | Closed-out on 11 November 2021 |
| | Observation:<br>The accumulated waste should be removed. | Action Taken:<br>The accumulated waste was removed. | Closed-out on 11 November 2021 |
| 11 November 2021 | NA | NA | NA |
| 18 November | NA | NA | NA |

| Inspection Date | Key Observations / Recommendations | Actions | Close-out Date / Status |
|---|---|---|---|
| 2021 | | | |
| 25 November 2021 | Observation:<br>The NRMM label of the generator should be shown in proper colour. | Action Taken:<br>The NRMM label of the generator was replaced its proper colour. | Closed-out on 2 December 2021 |
| 02 December 2021 | NA | NA | NA |
| 09 December 2021 | Observation:<br>The accumulated waste should be removed. | Action Taken:<br>The accumulated waste was removed. | Closed-out on 14 December 2021 |
| 14 December 2021 | Observation:<br>The main haul road near the underpass area (NDR) should be kept water spraying to reduce dust emission. | Action Taken:<br>Dust suppression was enforced main haul road to reduce dust nuisance. | Closed-out on 23 December 2021 |
| 23 December 2021 | NA | NA | NA |
| 30 December 2021 | NA | NA | NA |

**Implementation Status of Environmental Mitigation Measures**

5.4 The Contractor has implemented environmental mitigation measures and requirement as stated in the EIA reports, the EPs and the EM&A Manuals. The implementation status of the mitigation measures during the reporting period is summarized in Appendix G.

# 6. SUMMARY OF NON-COMPLIANCE STATUS

**Breaches of Action and Limit Levels**

6.1 1-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

6.2 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

6.3 Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

6.4 Summary of the non-compliance in the reporting period for the Project is tabulated in Table 6.1.

*Table 6.1 Non-compliance record in the reporting period*

| Parameter | Reporting Period | No. of Exceedance | | Action Taken |
|---|---|---|---|---|
| | | Action Level | Limit Level | |
| 1-hr TSP | October 2021 | 0 | 0 | N/A |
| | November 2021 | 0 | 0 | N/A |
| | December 2021 | 0 | 0 | N/A |
| 24-hr TSP | October 2021 | 0 | 0 | N/A |
| | November 2021 | 0 | 0 | N/A |
| | December 2021 | 0 | 0 | N/A |
| Construction noise | October 2021 | 0 | 0 | N/A |
| | November 2021 | 0 | 0 | N/A |
| | December 2021 | 0 | 0 | N/A |

**Environmental Complaint and Non-compliance**

6.5 One water discharge complaint was received in the December 2021. Summary of complaints in the reporting period is tabulated in Table 6.2.

*Table 6.2 Summary of complaints in the reporting period*

| Date of complaint received | Date of complaint | Description of complaint | Investigation / Recommendations / Action take | Close-out date / Status |
|---|---|---|---|---|
| 10 December 2021 | A sewage discharge complaint was referred from the Contractor on 10 December 2021 through E-Mail regarding a complaint received by EPD (ref.: K19/RE/00029046-21) on 9 December 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<br>Joint site inspection was conducted by ER, IEC, ET and the contractor on 14 December 2021, no adverse observation against the water impact was recorded.<br>- There was no muddy water discharge to DSD outfall near the roundabout of Shing Fung Road.<br>- The sand bag with layers and filter were provided at the manholes.<br><br>Recommendations<br>There was no direct evidence showing that the water nuisance was caused by the contractor at the complaint area.<br>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 sand bag and filter to ease the nuisance.<br>The contractor is recommended to implement the following measures to minimize the impact for waste water:<br>1. Enhance the sand bag with several layers instead of | - Closed-out on 4 Oct 2021<br>- No further complaint was received. |

| Date of complaint received | Date of complaint | Description of complaint | Investigation / Recommendations / Action take | Close-out date / Status |
|---|---|---|---|---|
| | | | one layer only and replace the filter frequently.<br>2. Modify the wheel washing area such that the muddy water will be directly flow to the pit and then waste water treatment facility.<br>3. Take necessary measures to minimize the environmental nuisance arising from the construction site.<br><br><u>Action taken</u><br>1. Sand bags and filter were used to block the manholes.<br>2. Manholes had been adequately covered and replace the filter frequently. | |

6.6 Complaint log is shown in Appendix H.

**<u>Notifications of summons and successful prosecutions</u>**

6.7 No notification of summons and successful prosecutions was received in the reporting period. Summary of summons and successful prosecutions in the reporting period is tabulated in Table 6.3.

*Table 6.3 Summary of summons and successful prosecutions in the reporting period*

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

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

# 7. COMMENTS, RECOMMENDATIONS AND CONCLUSIONS

**Comments**

7.1 Mitigation measures in the EM&A Manuals were implemented during the reporting period. The effectiveness and efficiency of the mitigation measures were reviewed during the weekly environmental site inspection and audit.

7.2 Environmental monitoring works (air quality and construction noise) were performed in the reporting period to monitor the environmental impacts from the Project site.

7.3 Based on the observations from the site inspection and reviewing the environmental monitoring results, it would be considered that the mitigation measures were effective and efficient in controlling the environmental impacts generated from the construction activities of the Project site.

**Recommendations**

7.4 During the weekly environmental site inspection and audit performed in the reporting period, the following recommendations were provided:

*Table 7.1 Summary of recommendations / reminders made in site inspections during the reporting period*

| Inspection Date | Recommendations / Reminder |
|---|---|
| 07 October 2021 | No |
| 11 October 2021 | No |
| 21 October 2021 | The accumulated waste should be removed. |
| 28 October 2021 | Dust suppression should be enforced traffic road to reduce dust nuisance. |
| 04 November 2021 | Dust suppression should be enforced traffic road to reduce dust nuisance. |
| | The accumulated waste should be removed. |
| 11 November 2021 | NA |
| 18 November 2021 | NA |
| 25 November 2021 | The NRMM label of the generator should be shown in proper colour. |
| 02 December 2021 | NA |
| 09 December 2021 | The accumulated waste should be removed. |
| 14 December 2021 | The main haul road near the underpass area (NDR) should be kept water spraying to reduce dust emission. |

| Inspection Date | Recommendations / Reminder |
|---|---|
| 23 December 2021 | NA |
| 30 December 2021 | NA |

**Conclusions**

7.5 Environmental monitoring works were performed in the reporting period and all monitoring results were checked and reviewed.

7.6 1-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

7.7 24-hour TSP monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

7.8 Construction noise monitoring was conducted as scheduled in the reporting period. No Action/Limit Level exceedance was recorded.

7.9 No complaint was received in the October and November 2021. One water discharge complaint was received in the 10 December 2021 and was closed-out on 5 January 2022. No further complaint was received.

7.10 No notification of summons and successful prosecutions was received in the reporting period.

# Figure

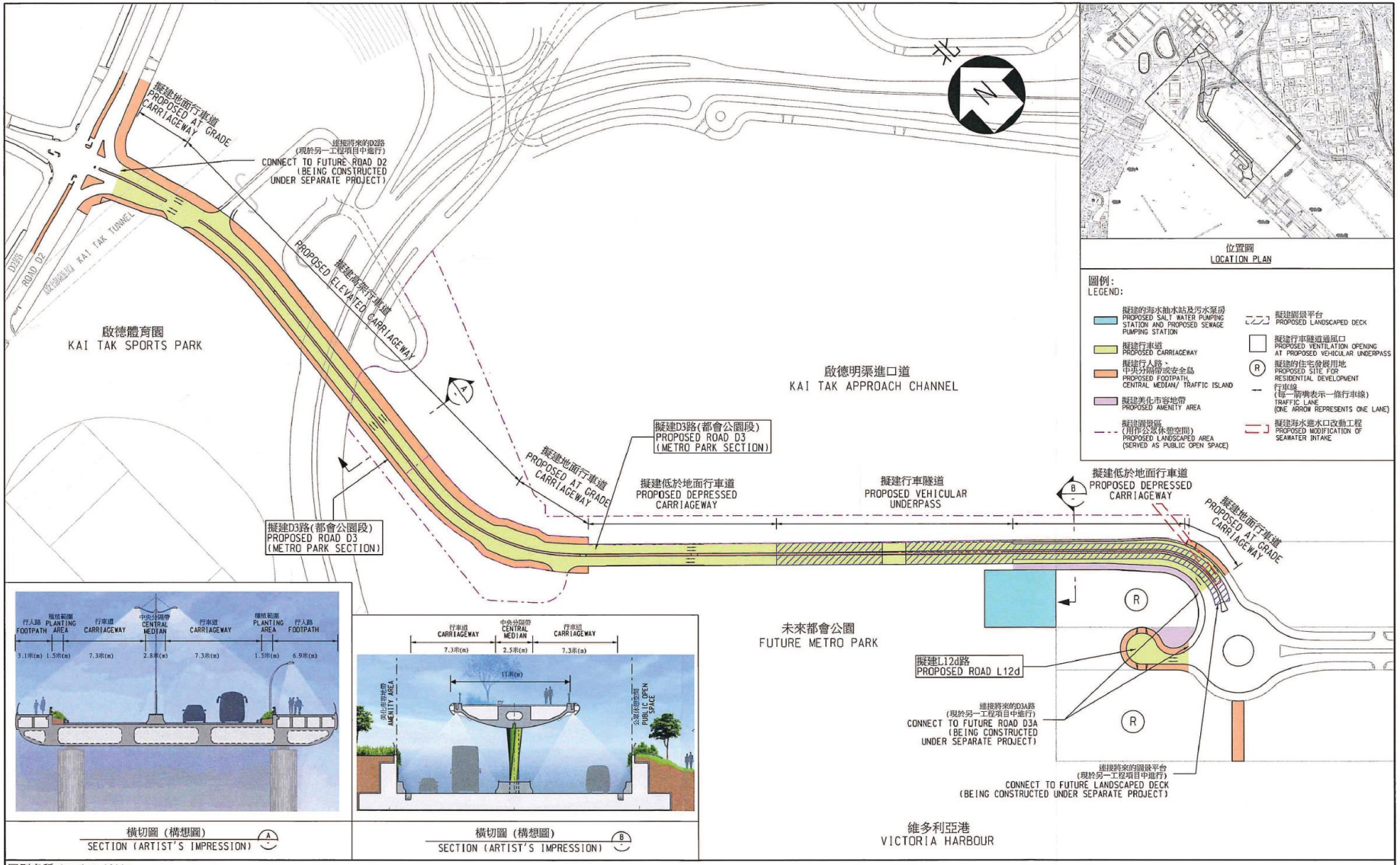



Figure 1 – Proposed works of Contract No. ED/2018/01

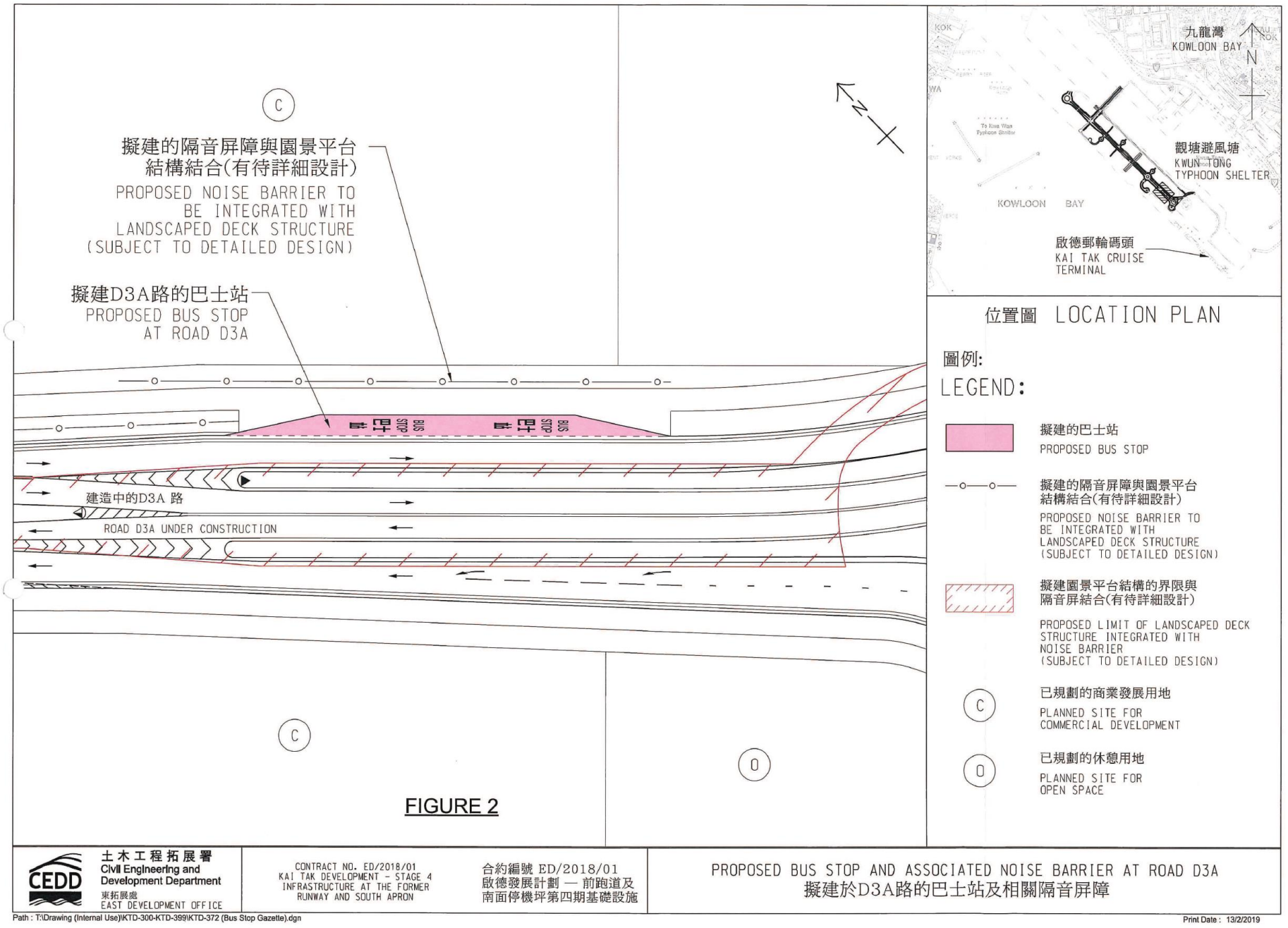



Figure 2 – Proposed Bus Stop And Associated Noise Barrier At Road D3A

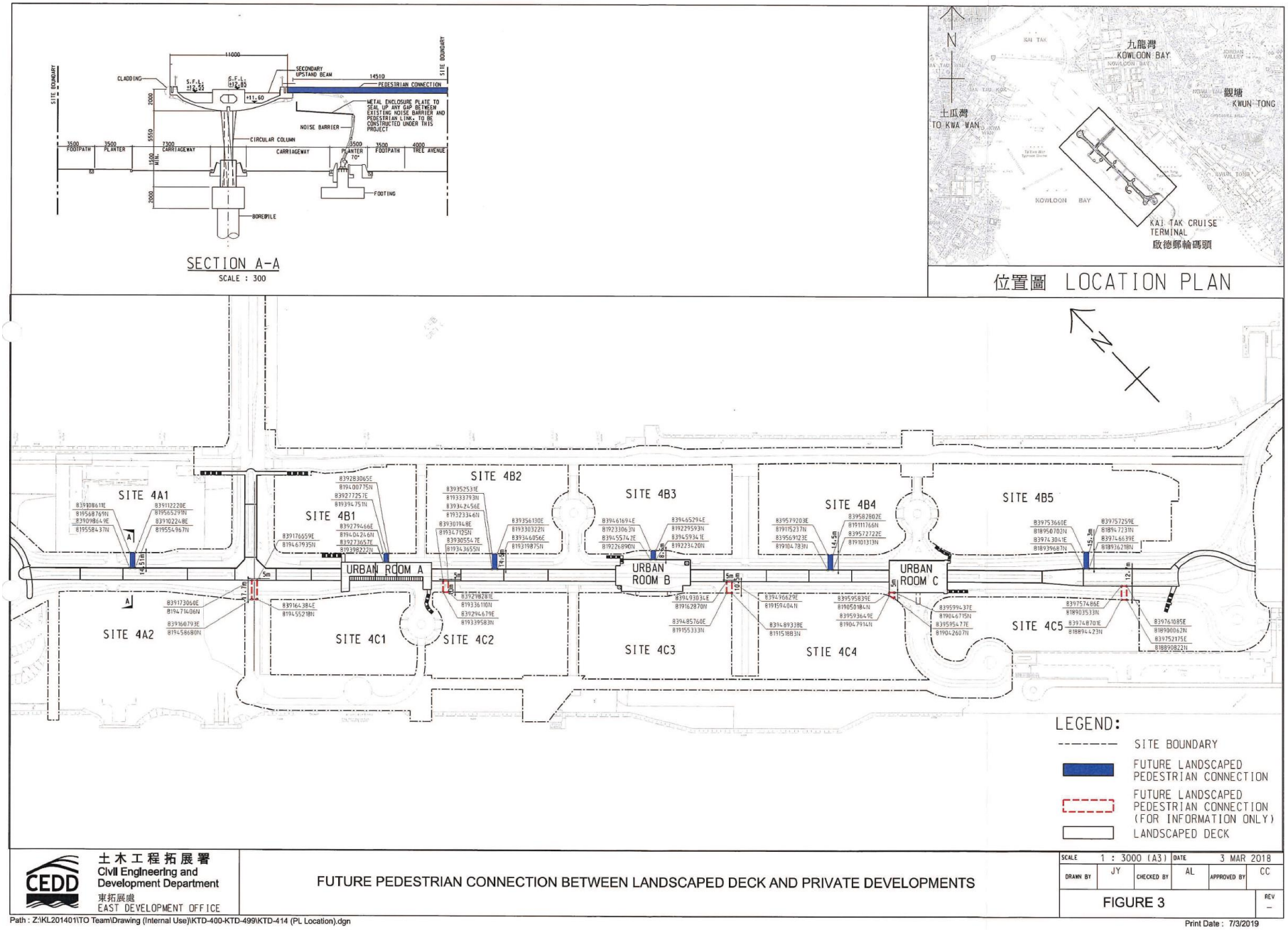



Figure 3 – Future Pedestrian Connection Between Landscaped Deck And Private Developments

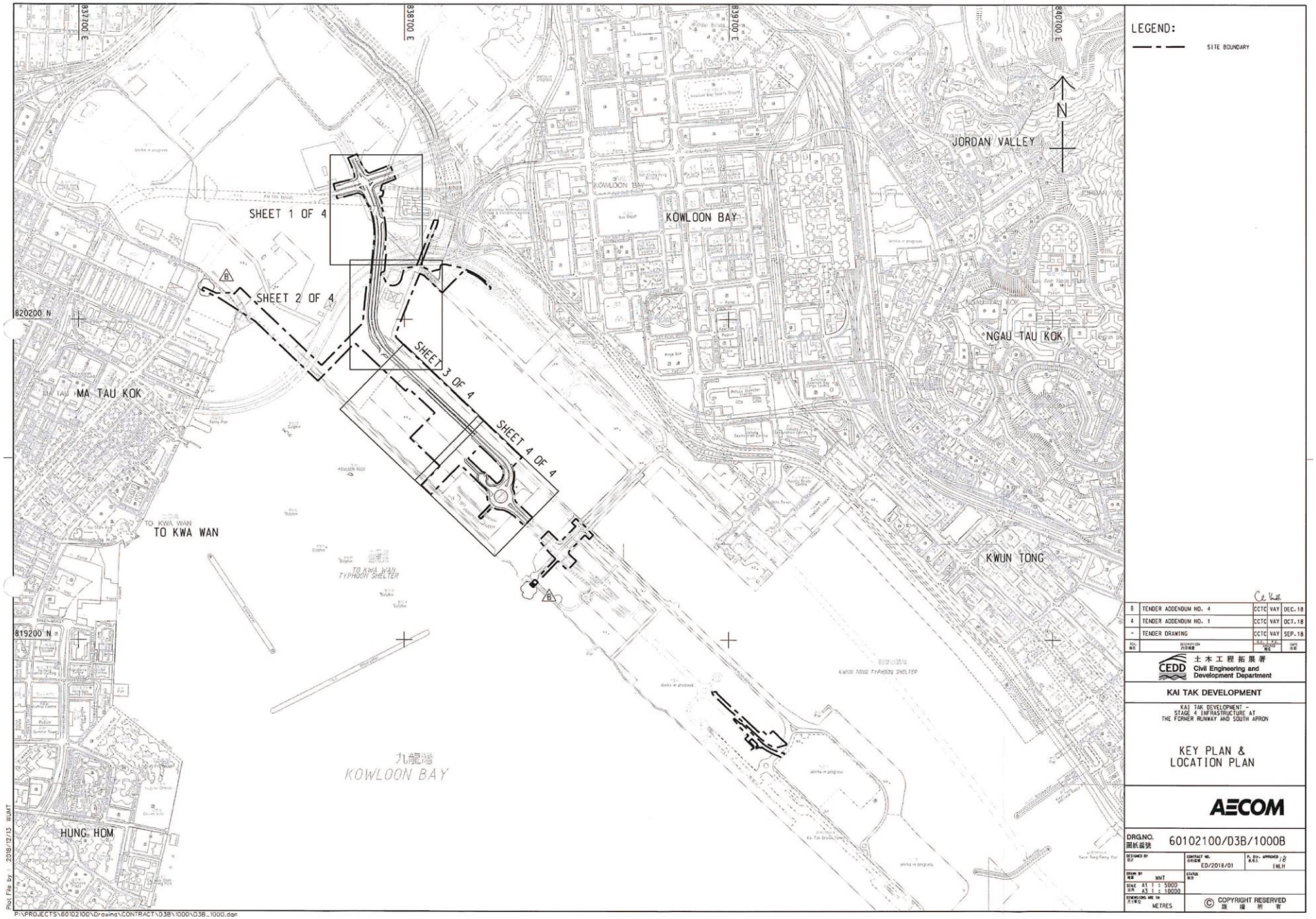



Figure 4 – Site Layout Plan

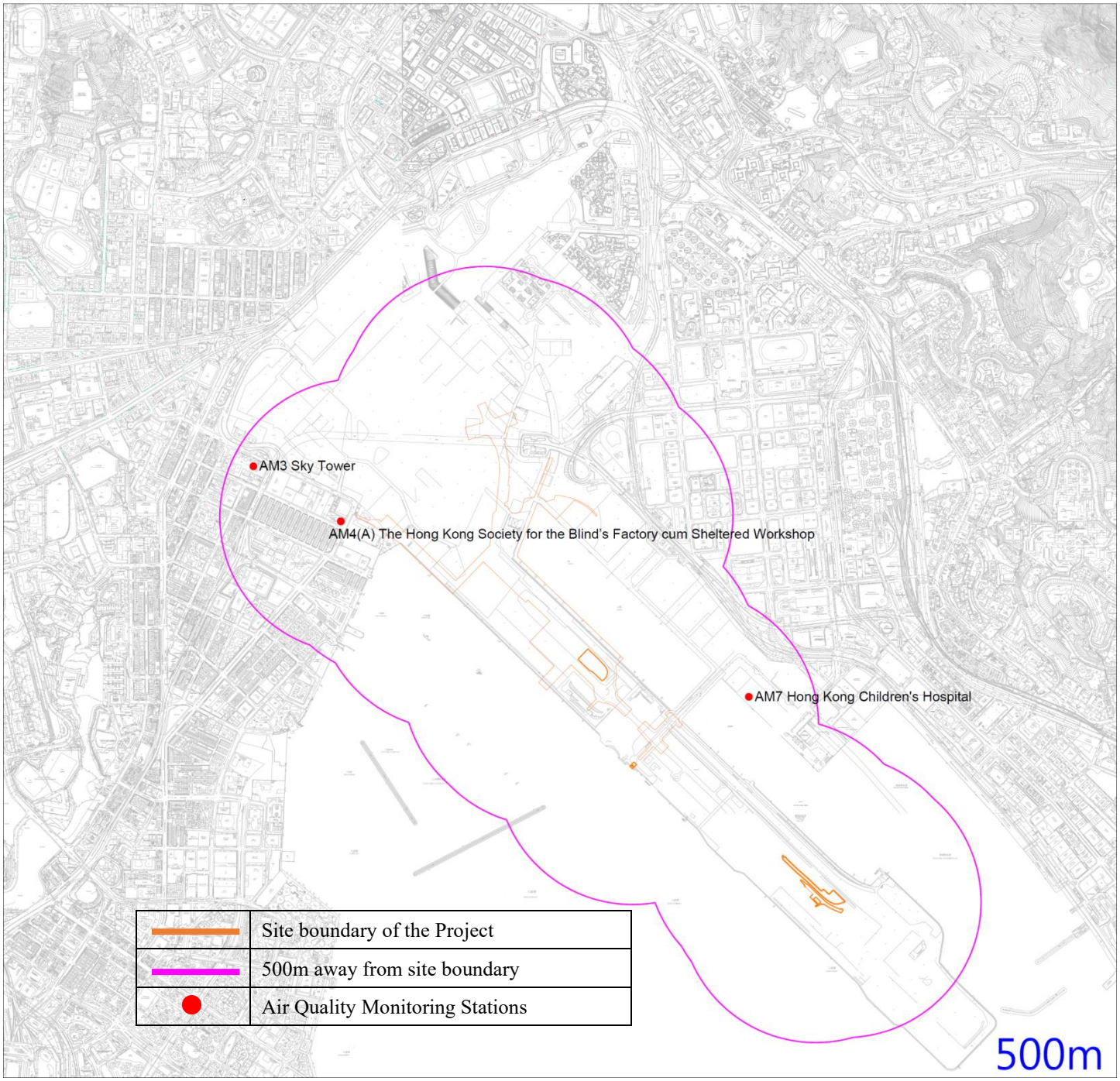



Figure 5 – Air Quality Monitoring Stations

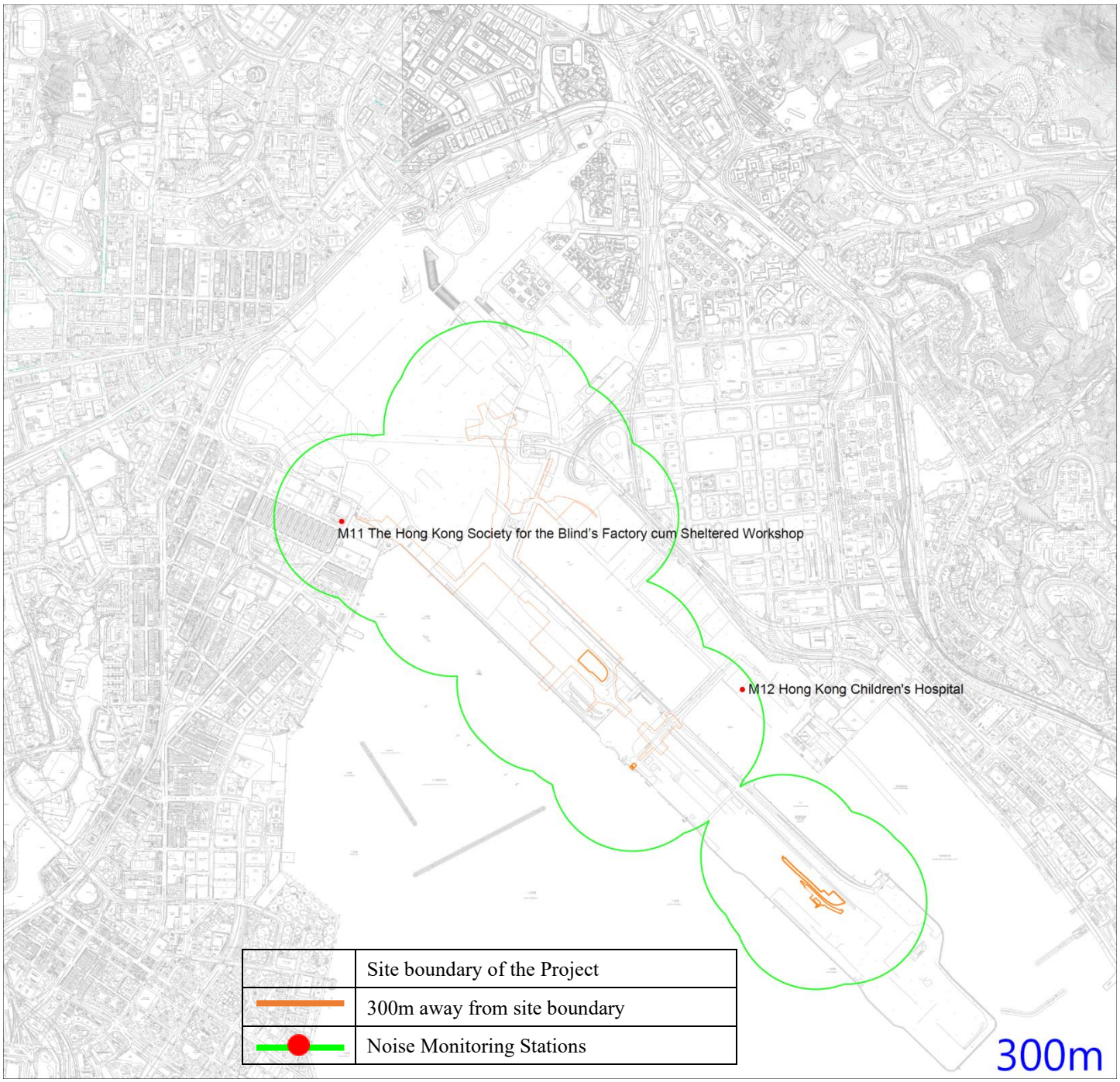
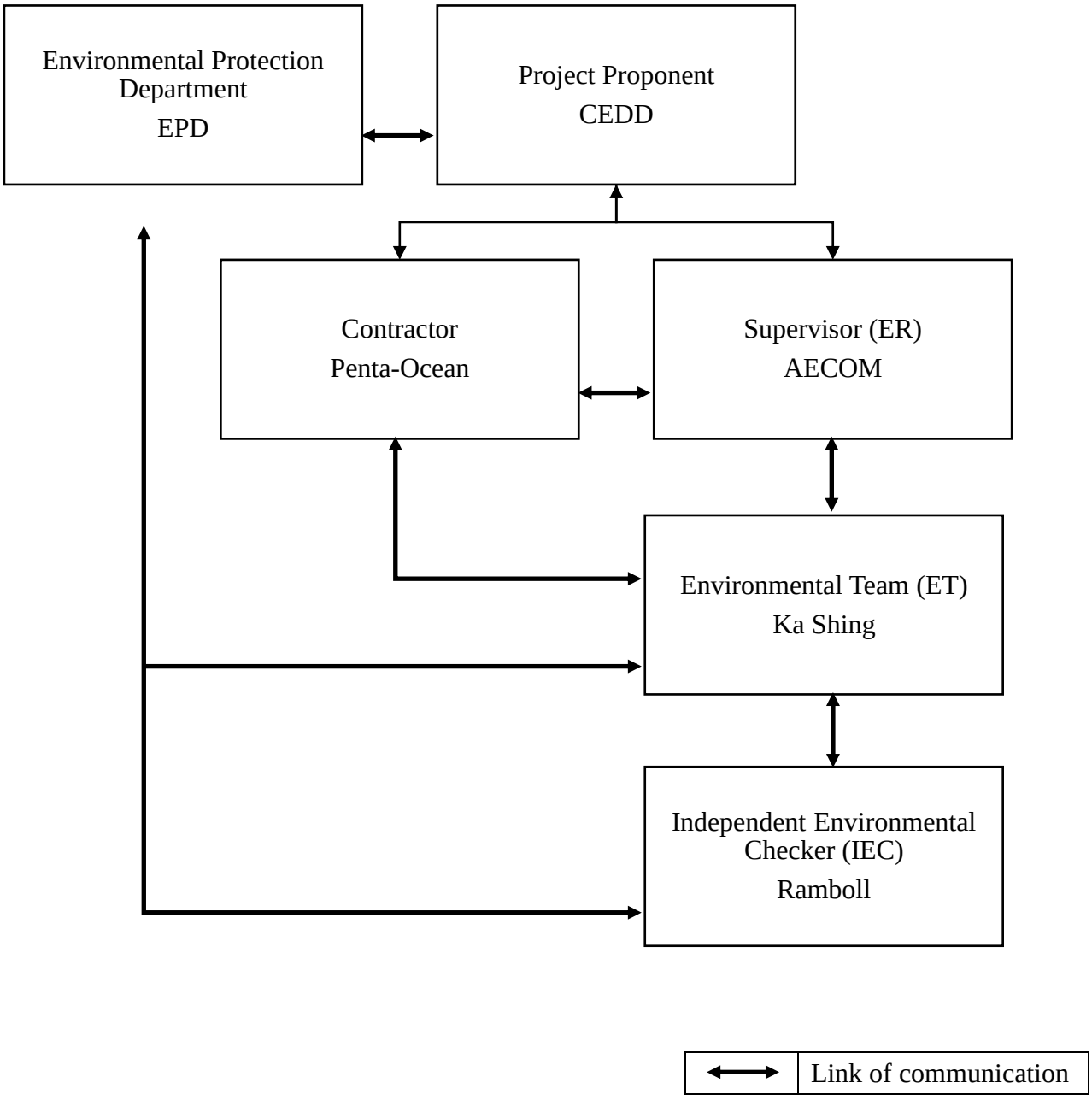



Figure 6 – Noise Monitoring Stations

# Appendix A – Organization Chart of EM&A Team and Emergency Team


Environmental Protection Department
EPD
Project Proponent
CEDD
Contractor
Penta-Ocean
Supervisor (ER)
AECOM
Environmental Team (ET)
Ka Shing
Independent Environmental Checker (IEC)
Ramboll
Link of communication

**Penta-Ocean Construction Co., Ltd**

Contract No. ED/2018/01 –Kai Tak development –
stage 4 infrastructure at the former runway and south apron

## 緊急應變小組成員及聯絡電話 Emergency Team Contact List

CPR AED

First-Aider * First Contact

| NAME 姓名 | TEAM MEMBER 成員 | POSITION 職位 | TEL. 電話 |
|---|---|---|---|
| **Emergency Hotline : 9317-0821** | | | |
| **何先生 Daniel HO** | **總隊長 Emergency Coordinator** | **地盤代表 Site Agent** | **9271-6455** |
| 林先生 C. K. LAM | 副隊長 Asst. Emergency Coordinator | 地盤總管 Gerenal Foreman | 9869-9978 |
| **鄧先生 Nelson TANG** | **副隊長 (急救員) Asst. Emergency Coordinator (First Aider)** | **安全經理 Safety Manager** | **9630 1923** |
| **蔣先生 Kay CHEUNG** | **副隊長 (急救員) Asst. Emergency Coordinator (First Aider)** | **安全主任 Safety Officer** | **9094-1110** |
| **梁先生 Kevin LEUNG** | **隊員 (急救員) Member (First Aider)** | **安全督導員 Safety Supervisor** | **6015-7981** |
| 鄧先生 Tony TANG | 隊員 Member | 助理地盤代表 Sub Agent | 9433-2628 |
| 林先生 YS LAM | 隊員 Member | 電工 Electrician | 9603-2722 |

*Emergency Contact of Authorities / Utility Companies*

| Authorities / Utility Companies 政府部門/公營機構名稱 | Emergency Service Hotline 緊急服務召援電話 |
|---|---|
| *Ambulance Console (Hotline) 救護車總機 (Serious Injury)* | *2735-3355* |
| *Fire Station (Ma Tau Chung) 消防處 (馬頭涌消防局)* | *2711-0292* |
| *Police Station (Ngau Tau Kok) 警署 (牛頭角分區)* | *3661-1626* |
| *LabourDept (Enquiry Hotline) 勞工處* | *2717-1771* |
| *Environmental Protection Dept 環保處* | *2802-3111* |
| *Marine Dept 海事處* | |
| Maritime Rescue Co-ordination Centre (24 hours) | 2233-7999 |
| Marine Dept Harbour Division - Duty Officer | 2885-9385 |
| *E&MD Dept 機電工程* | 2882-8011 / 2333-3762 |
| *Highways Dept (24hrs) 路政處熱線* | 2923-7766 |

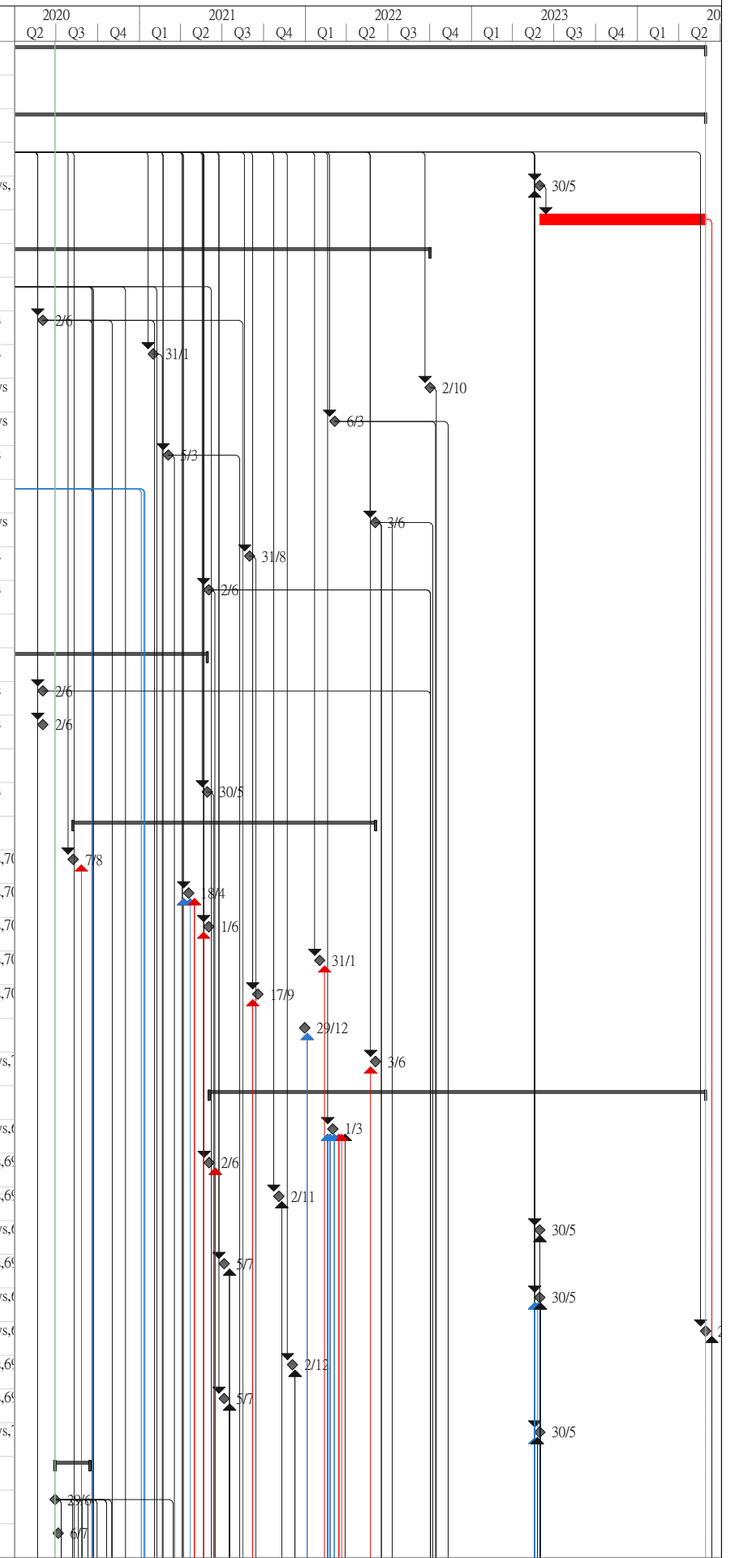
| Utility Undertakers Companies | | | |
|---|---|---|---|
| China Light Power Ltd 中華電力 | 2728-8333 | HK Observatory 香港天文台 | 2835-1473 |
| Hong Kong Electric 港燈電力 | 2555-4999 | Weather Enquiry 查詢天氣 | 1878-200 |
| Town Gas 中華煤氣 | 2963-1811 / 2880-6999 | Security Guard Service 保安 | 5725-2784 |
| Water Supplies Dept 水務署 | 2824-5000 | Drainage Services Dept 渠務署 | 2300-1110 |
| PCCW Limited 電話公司 | 109 | | |

REV. D

# Appendix B – Construction Programme

# Contract No. ED/2018/01 KTD Project

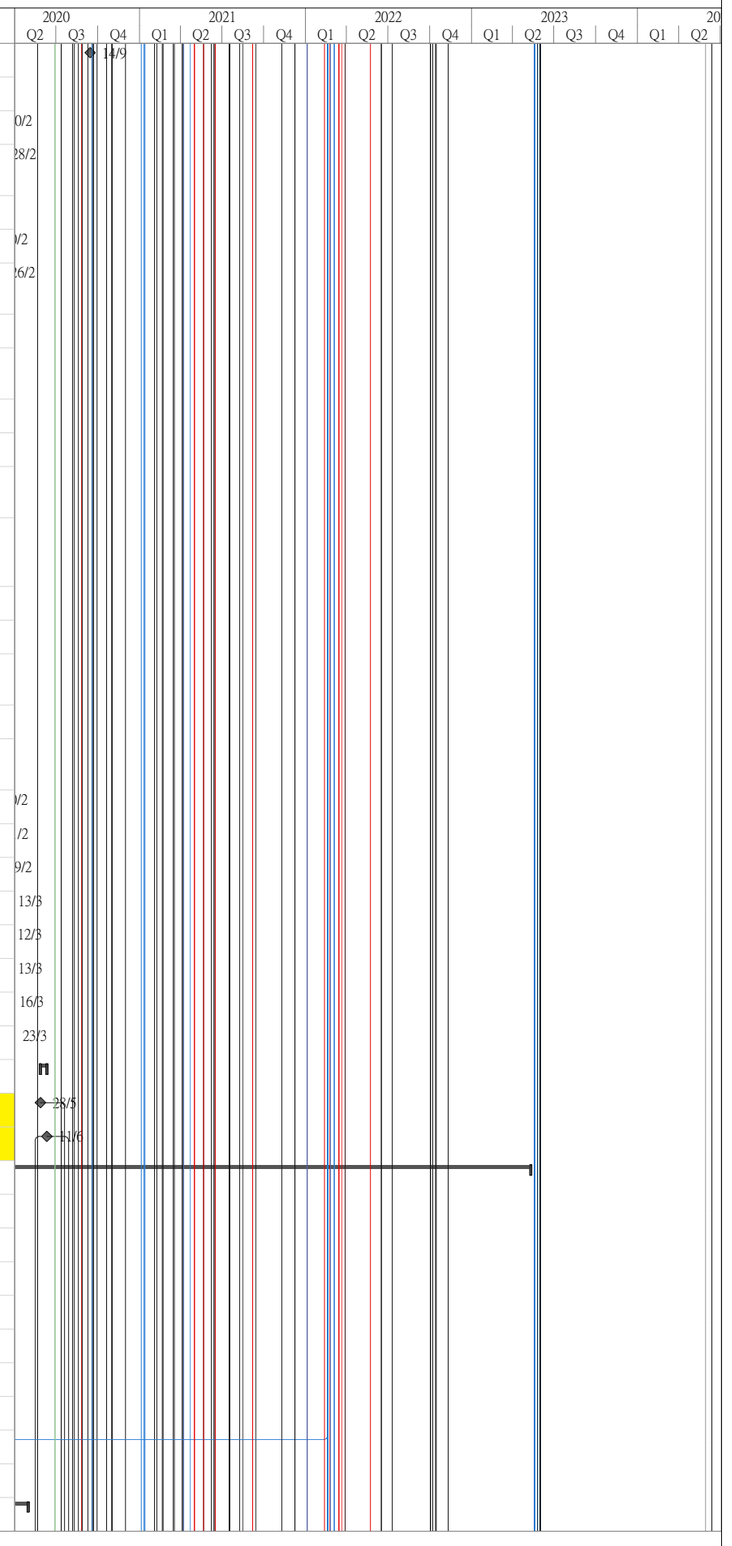
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Project Dates** | 1841 days | 5.03 days | 1835.97 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 | 0 days | |
| 2 | Contract Date | 0 days | 0 days | 0 days | 0% | Thu 16/5/19 | Thu 16/5/19 | Thu 16/5/19 | Thu 16/5/19 | Thu 16/5/19 | Thu 16/5/19 | 0 days | 0 days | |
| 3 | Date of Commencement & Completion (CDP1: Item 3) | 1827 days | 0 days | 1827 days | 0% | Thu 30/5/19 | Wed 29/5/24 | Thu 30/5/19 | NA | Thu 30/5/19 | Wed 29/5/24 | 0 days | 0 days | |
| 4 | Starting Date (CDPart1: Item 3) | 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 | 2FS+14 days |
| 5 | Completion Date | 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 | Establishment Work | 365 days | 0 days | 365 days | 0% | Wed 31/5/23 | Wed 29/5/24 | NA | NA | Wed 31/5/23 | Wed 29/5/24 | 0 days | 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 |
| 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 | |
| 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 | 0 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 | 0 days | |
| 20 | Time for Ordering "Section Subject to Excision" - Section 4 | 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+368 days |
| 21 | Time for Ordering "Section Subject to Excision" - Section 8 | 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+368 days |
| 22 | Time for Ordering "Section Subject to Excision" - Section 9 | 0 days | 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 | 0 days | 4FS+35 days |
| 23 | Time for Ordering "Section Subject to Excision" - Section 10 | 0 days | 0 days | 0 days | 0% | Sun 30/5/21 | Sun 30/5/21 | NA | NA | Sun 30/5/21 | Sun 30/5/21 | 0 days | 0 days | 4FS+730 days |
| 24 | Schedule of Key Dates (CDP1: Item 3[TA No.1]) | 665 days | 0 days | 665 days | 0% | Fri 7/8/20 | Fri 3/6/22 | NA | NA | Fri 7/8/20 | Fri 3/6/22 | 0 days | 0 days | |
| 25 | KD1 | 0 days | 0 days | 0 days | 0% | Fri 7/8/20 | Fri 7/8/20 | NA | NA | Fri 7/8/20 | Fri 7/8/20 | -4 days | 0 days | 4FS+435 days,7 |
| 26 | KD2 | 0 days | 0 days | 0 days | 0% | Sun 18/4/21 | Sun 18/4/21 | NA | NA | Sun 18/4/21 | Sun 18/4/21 | 0 days | 0 days | 4FS+689 days,7 |
| 27 | KD3 | 0 days | 0 days | 0 days | 0% | Tue 1/6/21 | Tue 1/6/21 | NA | NA | Tue 1/6/21 | Tue 1/6/21 | 0 days | 0 days | 4FS+733 days,7 |
| 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,7 |
| 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,7 |
| 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,7 |
| 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,6 |
| 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,6 |
| 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,6 |
| 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 days | 0% | Thu 2/12/21 | Thu 2/12/21 | NA | NA | Thu 2/12/21 | Thu 2/12/21 | 0 days | 0 days | 4FS+917 days,6 |
| 41 | Section Completion Date Section 9 | 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,6 |
| 42 | Section Completion Date Section 10 | 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,7 |
| 43 | Pre-meeting of ACABAS | 77 days | 0 days | 77 days | 0% | Mon 29/6/20 | Mon 14/9/20 | NA | NA | Mon 6/7/20 | Mon 14/9/20 | 0 days | | |
| 44 | Pre-meeting of ACABAS | 0 days | 0 days | 0 days | 0% | Mon 29/6/20 | Mon 29/6/20 | NA | NA | Thu 23/7/20 | Thu 23/7/20 | 24 days | | |
| 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 | | |




Title: Rev.11 Prog with Progress as of 22-May-20

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split | |
| Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress | |
| Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress | |

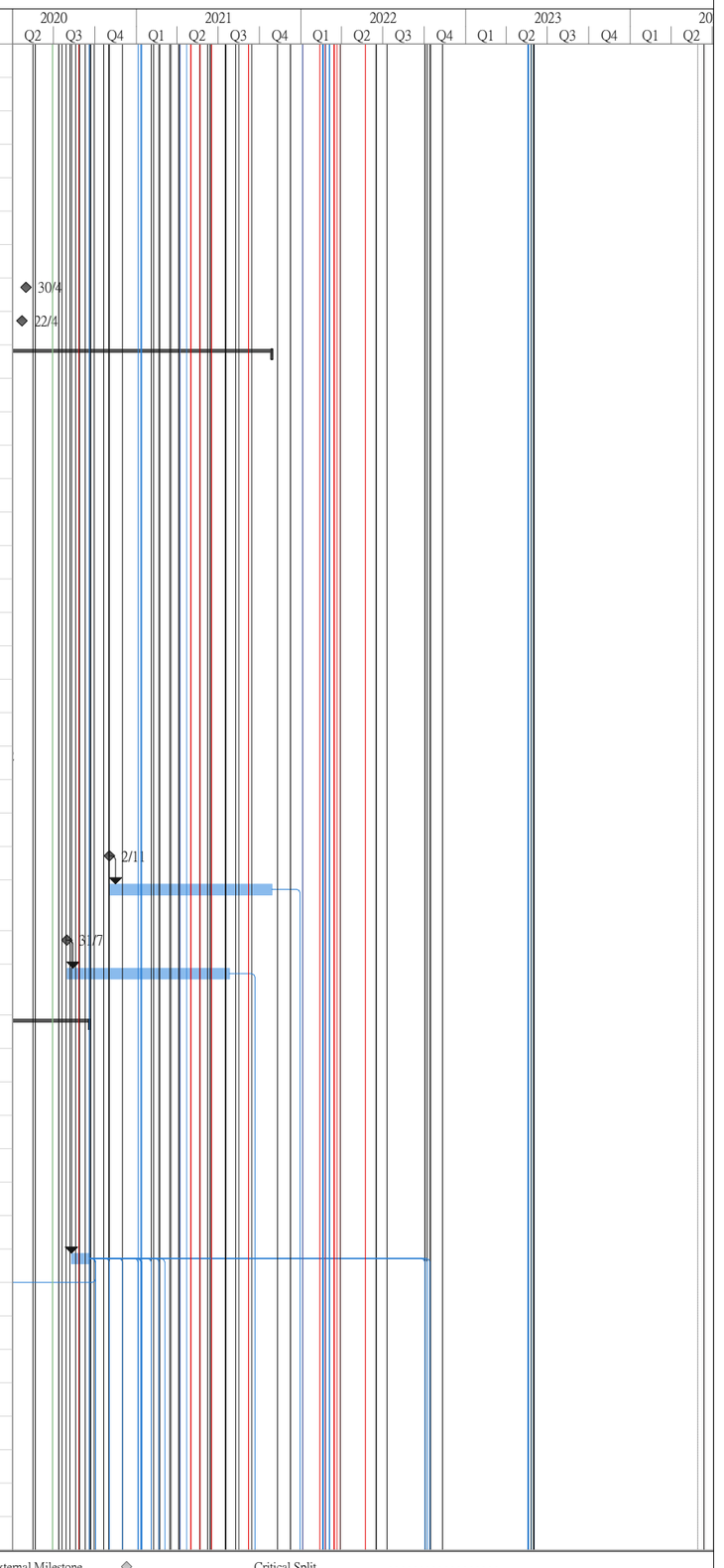
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46 | District Council Consultation | 0 days | 0 days | 0 days | 0% | Mon 14/9/20 | Mon 14/9/20 | NA | NA | Mon 14/9/20 | Mon 14/9/20 | 0 days | | |
| 47 | Project Manager's Instruction | 8 days | 8 days | 0 days | 0% | Thu 20/2/20 | Fri 28/2/20 | Thu 20/2/20 | Fri 28/2/20 | Thu 20/2/20 | Fri 28/2/20 | 0 days | | |
| 48 | PMI No. 001 - BIM Promenade Walk-through Video for Infrastructure in Kai Tak Stage 4 | 0 days | 0 days | 0 days | 100% | Thu 20/2/20 | Thu 20/2/20 | Thu 20/2/20 | Thu 20/2/20 | Thu 20/2/20 | Thu 20/2/20 | 0 days | | |
| 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 | | |
| 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 | | |
| 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 | | |
| 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. 011: Additional Requirement for Special Arrangement for Design and Constructioon of Noise Barrier fir Future Connection of Footbridge FB10 from Development Site 4B5 | 0 days | 0 days | 0 days | 100% | Tue 14/1/20 | Tue 14/1/20 | Tue 14/1/20 | Tue 14/1/20 | 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 | | |
| 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 | | |
| 66 | EW No. 016: Outbreak of Novel Coronavirus (Late Supply of Aggregate) | 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 | | |
| 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 | | |
| 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 | | |
| 69 | EW No. 022:Deferral of Interface Management Plan Submission for Noise Barrier Works | 0 days | 0 days | 0 days | 100% | Fri 13/3/20 | Fri 13/3/20 | Fri 13/3/20 | Fri 13/3/20 | Fri 13/3/20 | Fri 13/3/20 | 0 days | | |
| 70 | EW No. 023:Disruption of the Works due to Stockpile was not allowed to dispose to the Proposed Disposal Ground | 0 days | 0 days | 0 days | 100% | Mon 16/3/20 | Mon 16/3/20 | Mon 16/3/20 | Mon 16/3/20 | Mon 16/3/20 | Mon 16/3/20 | 0 days | | |
| 71 | EW No. 025: Broken Steel Casing for Bored Pile P02-BP2 | 0 days | 0 days | 0 days | 100% | Mon 23/3/20 | Mon 23/3/20 | Mon 23/3/20 | Mon 23/3/20 | Mon 23/3/20 | Mon 23/3/20 | 0 days | | |
| 72 | **Contractor's Notification of Compensation Event** | 14 days | 0 days | 14 days | 0% | Thu 28/5/20 | Thu 11/6/20 | NA | NA | Tue 9/6/20 | Tue 7/7/20 | 12 days | | |
| 73 | Compensation Event (CNCE) No. 009 - Inclement Weather in April 2020 | 0 days | 0 days | 0 days | 0% | Thu 28/5/20 | Thu 28/5/20 | NA | NA | Tue 7/7/20 | Tue 7/7/20 | 40 days | | |
| 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 days | 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 | 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 | 20 days | 0 days | 100% | Thu 16/5/19 | Tue 4/6/19 | Thu 16/5/19 | Tue 4/6/19 | Thu 16/5/19 | Tue 4/6/19 | 0 days | 0 days | 2 |
| 79 | Review and Comment by Project Manager | 9 days | 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 | 42 days | 0 days | 100% | Fri 14/6/19 | Thu 25/7/19 | Fri 14/6/19 | Thu 25/7/19 | Fri 14/6/19 | Thu 25/7/19 | 0 days | 0 days | 79 |
| 81 | Final Review and Acceptance of the First Programme by Project Manager | 20 days | 20 days | 0 days | 100% | Sat 27/7/19 | Thu 15/8/19 | Sat 27/7/19 | Thu 15/8/19 | Sat 27/7/19 | Thu 15/8/19 | 0 days | 0 days | 80 |
| 82 | Submit Health and Safety Management Plan (ACC Cl. D6(2)) | 6 days | 6 days | 0 days | 100% | Thu 30/5/19 | Tue 4/6/19 | Thu 30/5/19 | Tue 4/6/19 | Thu 30/5/19 | Tue 4/6/19 | 0 days | 0.5 day | 4 |
| 83 | Submit Detailed Programme for Safety Risk (ER Part 7, Cl. 7.3.4) | 34 days | 34 days | 0 days | 100% | Mon 9/12/19 | Sat 11/1/20 | Mon 9/12/19 | Sat 11/1/20 | Mon 9/12/19 | Sat 11/1/20 | 0 days | 0.5 day | 4 |
| 84 | Submit Environmental Management Plan (ACC Cl. D20(2)) | 6 days | 6 days | 0 days | 100% | Thu 30/5/19 | Tue 4/6/19 | 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 | | |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

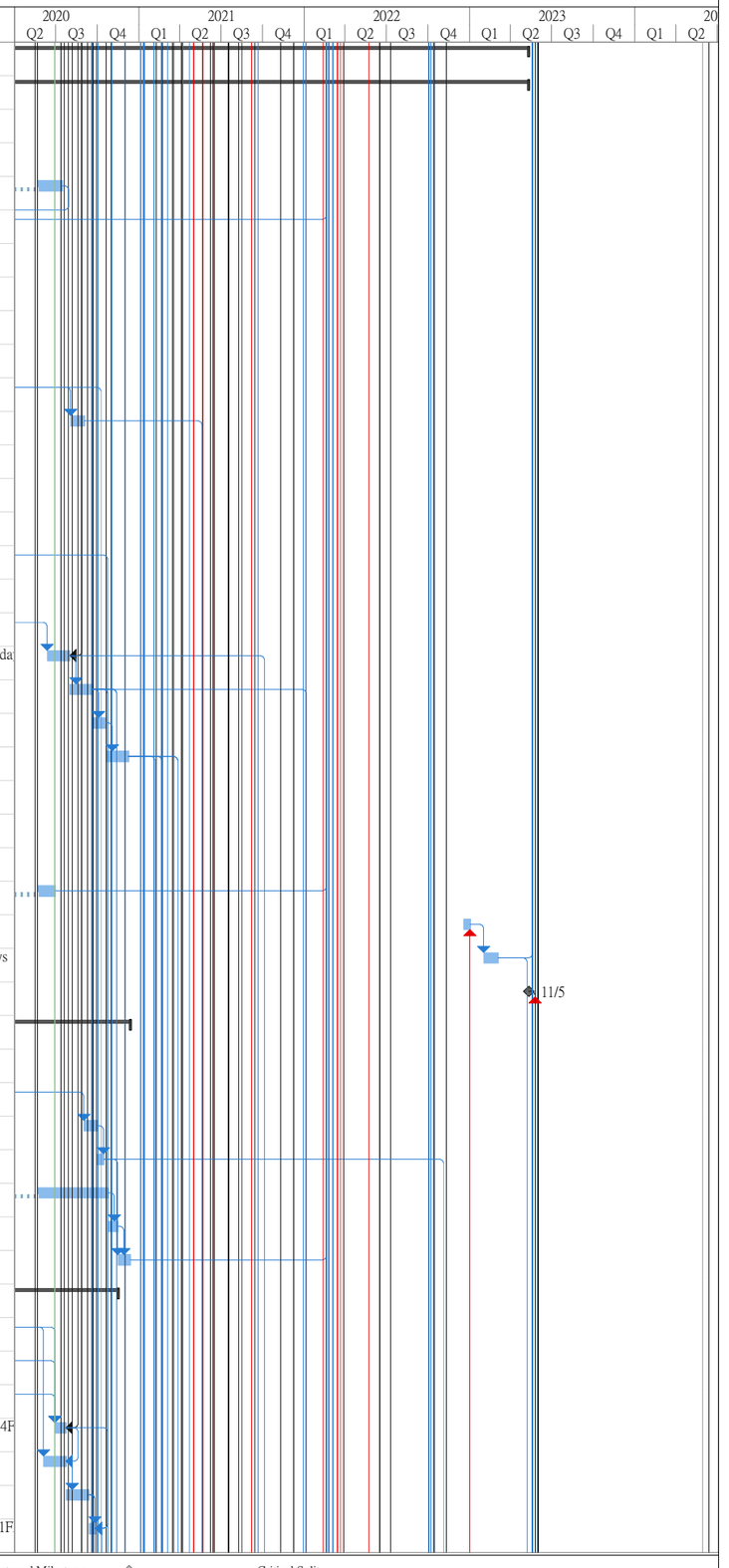
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86 | Existing Site Model (Topography) | 46 days | 46 days | 0 days | 100% | Tue 13/8/19 | Fri 27/9/19 | Tue 13/8/19 | Fri 27/9/19 | Tue 13/8/19 | Fri 27/9/19 | 0 days | 1 day | |
| 87 | Existing Underground Utilities (UU) Model | 33 days | 33 days | 0 days | 100% | Mon 26/8/19 | Fri 27/9/19 | 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 Conditions | 44 days | 44 days | 0 days | 100% | Mon 2/9/19 | Tue 15/10/19 | Mon 2/9/19 | Tue 15/10/19 | Mon 2/9/19 | Tue 15/10/19 | 0 days | 1 day | |
| 89 | 3D Photogrametry Model | 46 days | 46 days | 0 days | 100% | Mon 16/9/19 | Thu 31/10/19 | Mon 16/9/19 | Thu 31/10/19 | 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 Programme | 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 | |
| 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 | |
| 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 | |
| 100 | BIM/Drawing Management Software 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 | |
| 101 | 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 | |
| 102 | Clash Report Format | 0 days | 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 | |
| 103 | Monthly Report Format | 0 days | 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 | |
| 104 | Quality Assurance Plan for BIM | 0 days | 0 days | 0 days | 100% | Mon 30/9/19 | Mon 30/9/19 | Mon 30/9/19 | Mon 30/9/19 | Mon 30/9/19 | Mon 30/9/19 | 0 days | 1 day | |
| 105 | BIM Training Plan | 0 days | 0 days | 0 days | 100% | Thu 10/10/19 | Thu 10/10/19 | Thu 10/10/19 | Thu 10/10/19 | Thu 10/10/19 | Thu 10/10/19 | 0 days | 1 day | |
| 106 | BIM Training Schedule for CIC Training | 0 days | 0 days | 0 days | 100% | Mon 30/9/19 | Mon 30/9/19 | Mon 30/9/19 | Mon 30/9/19 | Mon 30/9/19 | Mon 30/9/19 | 0 days | 1 day | |
| 107 | Monthly BIM Progress Report | 0 days | 0 days | 0 days | 100% | Thu 16/5/19 | Tue 31/12/19 | Thu 16/5/19 | Tue 31/12/19 | Thu 16/5/19 | Tue 31/12/19 | 0 days | 1 day | |
| 108 | Monthly Clash Report | 1 day | 1 day | 0 days | 100% | Tue 31/3/20 | Tue 31/3/20 | Tue 31/3/20 | Tue 31/3/20 | Tue 31/3/20 | Tue 31/3/20 | 0 days | 1 day | |
| 109 | BIM Object Libraries | 1 day | 1 day | 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 | |
| 110 | Trees Preservation and Removal Proposal (TPRP) for tress along promenade open space Submission | 0 days | 0 days | 0 days | 0% | Mon 2/11/20 | Mon 2/11/20 | NA | NA | Sun 17/1/21 | Sun 17/1/21 | 63 days | 1 day | |
| 111 | Trees Preservation and Removal Proposal (TPRP) for tress along promenade open space Submission Comment & Approval by Relevant Government Authories | 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 |
| 112 | Trees Preservation and Removal Proposal (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 | |
| 113 | Trees Preservation and Removal Proposal (TPRP) for tress along Sing Kai Road Submission Comment & Approval by Relevant Government Authories | 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 |
| 114 | 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 | | |
| 115 | Submit Traffic Engineering Consultant and TTM Team Leader (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 |
| 116 | Submit EP Mgt System Co-ordinator (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 |
| 117 | Approve of EP Co-ordinator by Project 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 |
| 118 | Submit UU detection equipment for Supervisor approval (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 |
| 119 | Submit & obtain approval: site office's location and layout plan (PS Cl. 1.45(11)) (7d submission + 14d approval) | 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 |
| 120 | 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 |
| 121 | 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 |
| 122 | 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 |
| 123 | Submit security system (PS Cl. 1.53A(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 |
| 124 | Submit Interface Management Plan (PS Cl. 1.89(2)) | 47 days | 47 days | 0 days | 100% | Thu 30/5/19 | Mon 15/7/19 | Thu 30/5/19 | Mon 15/7/19 | Thu 30/5/19 | Mon 15/7/19 | 0 days | 0.5 days | 4 |
| 125 | Submit Subcontractor Management Plan (ACC Cl. C5(1)) | 13 days | 13 days | 0 days | 100% | Thu 30/5/19 | Tue 11/6/19 | Thu 30/5/19 | Tue 11/6/19 | Thu 30/5/19 | Tue 11/6/19 | 0 days | 0.5 days | 4 |
| 126 | Submit Temporary Drainage and Sewerage Management Plan (PS Cl. 1.24A(1)) | 174 days | 174 days | 0 days | 100% | Thu 30/5/19 | Tue 19/11/19 | Thu 30/5/19 | Tue 19/11/19 | Thu 30/5/19 | Tue 19/11/19 | 0 days | 1 day | 4 |
| 127 | Submit EM&A Manual (ER Part 8, Cl. 8.2) | 6 days | 6 days | 0 days | 100% | Thu 30/5/19 | Tue 4/6/19 | Thu 30/5/19 | Tue 4/6/19 | Thu 30/5/19 | Tue 4/6/19 | 0 days | 0 days | 4 |
| 128 | Submit Proposal of selection of suppliers of Plant and Materials (ACC Cl. C11(1) | 80 days | 80 days | 0 days | 100% | Thu 30/5/19 | Sat 17/8/19 | Thu 30/5/19 | Sat 17/8/19 | Thu 30/5/19 | Sat 17/8/19 | 0 days | 0 days | 4 |
| 129 | Submit Contractor's Management Team (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 |




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 Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

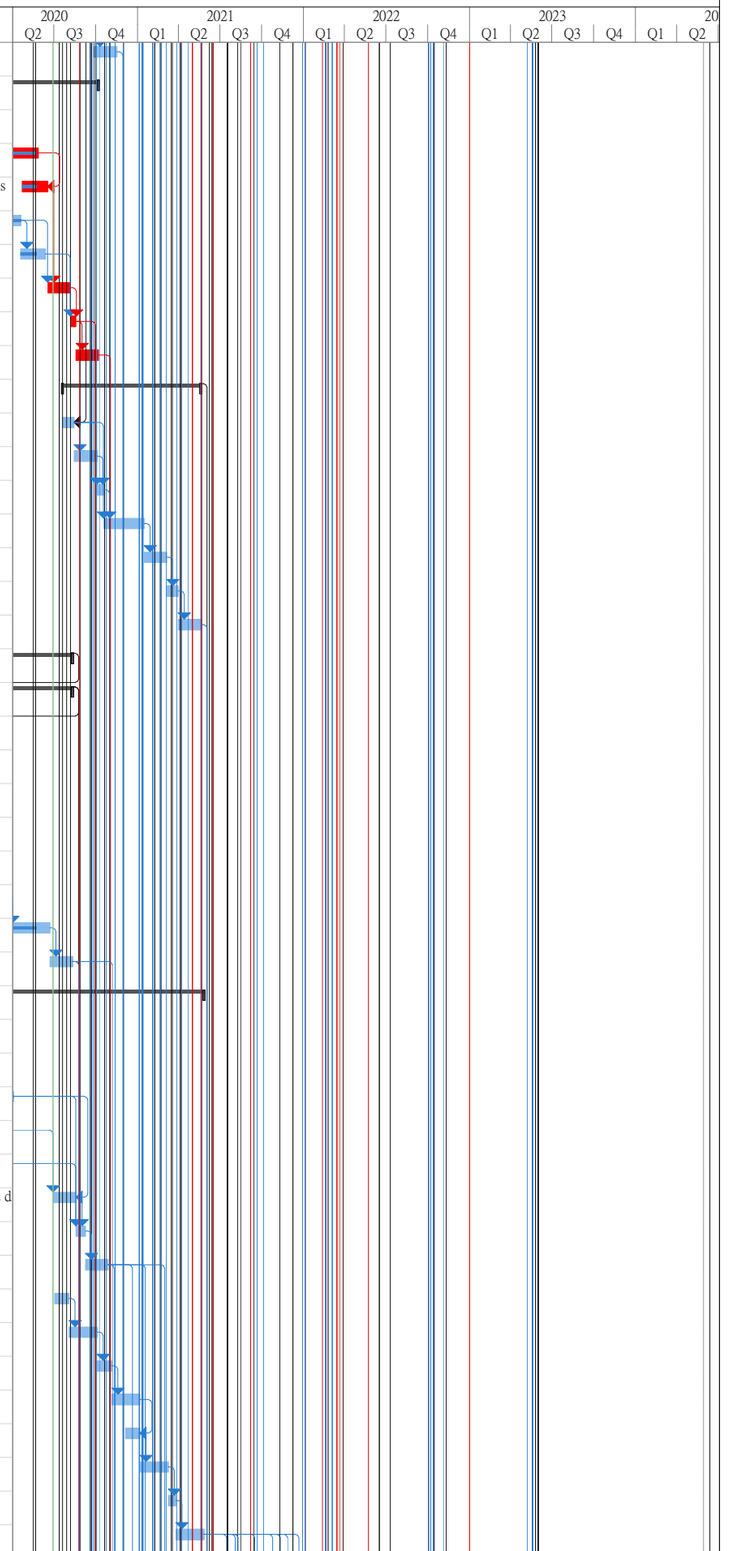
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 130 | Permanent Works Design Submission | 1457 days | 373.08 days | 1083.92 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 | | |
| 131 | General Design Submission | 1443 days | 955.46 days | 487.54 days | 0% | Thu 30/5/19 | Thu 11/5/23 | Thu 30/5/19 | NA | Thu 30/5/19 | Thu 11/5/23 | 0 days | | 4 |
| 132 | Project Design Plan (Draft) | 16 days | 16 days | 0 days | 100% | Thu 30/5/19 | Fri 14/6/19 | Thu 30/5/19 | Fri 14/6/19 | Thu 30/5/19 | Fri 14/6/19 | 0 days | 1 day | 4 |
| 133 | Project Design Plan (Draft) Comment by PM | 14 days | 14 days | 0 days | 100% | Sat 15/6/19 | Fri 28/6/19 | Sat 15/6/19 | Fri 28/6/19 | Sat 15/6/19 | Fri 28/6/19 | 0 days | 1 day | |
| 134 | Address Comments | 120 days | 66 days | 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 |
| 135 | Project Design Plan (Final) | 54 days | 54 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 |
| 136 | Design Memorandum (include E&M Provision) (Draft) | 26 days | 26 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 |
| 137 | Address Comments | 15 days | 15 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 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 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 | 16 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 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 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 | 61 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 | 63 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 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 | 21 days | 0 days | 100% | Tue 3/3/20 | Mon 23/3/20 | Tue 3/3/20 | Mon 23/3/20 | Tue 3/3/20 | Mon 23/3/20 | 0 days | 2 days | 146 |
| 148 | Stage 1: VCAB and DAP Submission | 50 days | 0 days | 50 days | 0% | Fri 12/6/20 | Fri 31/7/20 | NA | NA | Sat 4/7/20 | Sat 22/8/20 | 22 days | 2 days | 147,44FF+21 da |
| 149 | Comment by PM and Relevant Authorities | 50 days | 0 days | 50 days | 0% | Sat 1/8/20 | Sat 19/9/20 | NA | NA | Sun 23/8/20 | Sun 11/10/20 | 22 days | 2 days | 148 |
| 150 | Stage 2: VCAB and DAP Submission | 30 days | 0 days | 30 days | 0% | Sun 20/9/20 | Mon 19/10/20 | NA | NA | Fri 13/11/20 | Sat 12/12/20 | 54 days | | 149 |
| 151 | Comment by PM and Relevant Authorities | 50 days | 0 days | 50 days | 0% | Tue 20/10/20 | Tue 8/12/20 | NA | NA | Sun 13/12/20 | Sun 31/1/21 | 54 days | | 150 |
| 152 | Draft Utility Report Submission | 19 days | 19 days | 0 days | 100% | Mon 2/9/19 | Fri 20/9/19 | Mon 2/9/19 | Fri 20/9/19 | Mon 2/9/19 | Fri 20/9/19 | 0 days | 2 days | |
| 153 | Draft Utility Report Comment & Approval | 17 days | 17 days | 0 days | 100% | Sat 21/9/19 | Mon 7/10/19 | Sat 21/9/19 | Mon 7/10/19 | Sat 21/9/19 | Mon 7/10/19 | 0 days | 2 days | |
| 154 | Final Utility Report Submission | 52 days | 52 days | 0 days | 100% | Mon 2/12/19 | Wed 22/1/20 | Mon 2/12/19 | Wed 22/1/20 | Mon 2/12/19 | Wed 22/1/20 | 0 days | 2 days | |
| 155 | Final Utility Report Submission Comment & Approval | 38 days | 0 days | 38 days | 0% | Thu 30/1/20 | Mon 29/6/20 | Thu 30/1/20 | NA | Thu 30/1/20 | Tue 1/3/22 | 610 days | 2 days | 154 |
| 156 | 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 | 167.98 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 | 56 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 | 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 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 | 165.12 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 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 | 21 days | 0 days | 100% | Tue 26/11/19 | Mon 16/12/19 | Tue 26/11/19 | Mon 16/12/19 | 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 days | 0 days | 100% | Fri 28/2/20 | Fri 20/3/20 | Fri 28/2/20 | Fri 20/3/20 | Fri 28/2/20 | Fri 20/3/20 | 0 days | 2 days | 168 |
| 171 | Prepare AIP and ICE certification (Final) | 25 days | 0 days | 25 days | 0% | Mon 29/6/20 | Thu 23/7/20 | NA | NA | Fri 10/7/20 | Mon 3/8/20 | 11 days | 0 days | 168,169,170,44F |
| 172 | Prepare DDA and ICE certification (Draft) | 50 days | 0 days | 50 days | 0% | Thu 4/6/20 | Thu 23/7/20 | NA | NA | Mon 15/6/20 | Mon 3/8/20 | 11 days | 4 days | 168,171FF |
| 173 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Fri 24/7/20 | Fri 11/9/20 | NA | NA | Tue 4/8/20 | Tue 22/9/20 | 11 days | 3 days | 172 |
| 174 | Prepare DDA for and ICE certification (Final) | 15 days | 0 days | 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 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

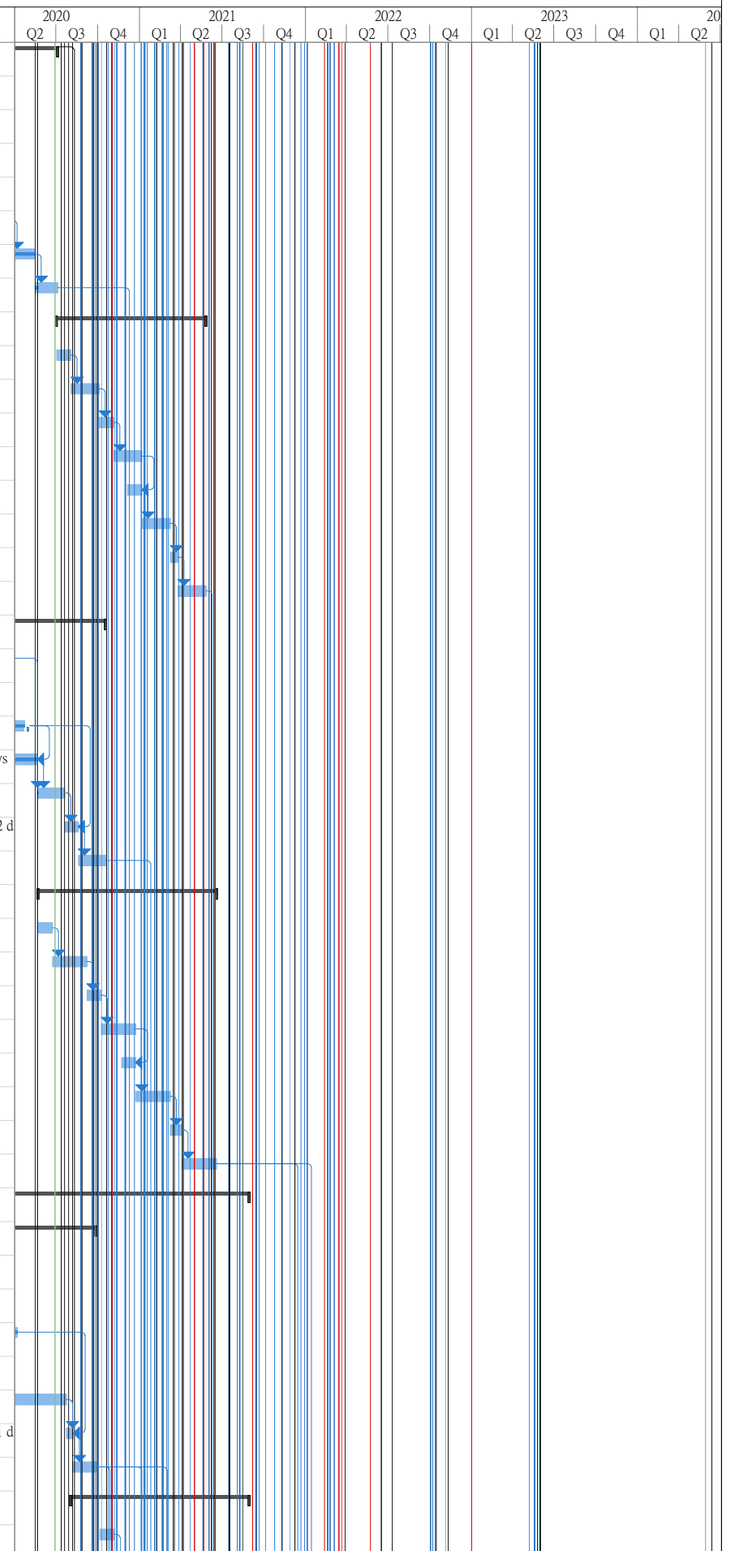
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 175 | Submit & endorse by PM and Statutory 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 |
| 176 | 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 Statutory 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 (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. Dept | 50 days | 0 days | 50 days | 0% | Wed 17/6/20 | Wed 5/8/20 | NA | NA | Thu 18/6/20 | Thu 6/8/20 | 1 day | | 180,179 |
| 183 | Prepare DDA for and ICE certification (Final) (Original Contract Scope) | 12 days | 0 days | 12 days | 0% | Thu 6/8/20 | Mon 17/8/20 | NA | NA | Fri 7/8/20 | Tue 18/8/20 | 1 day | 1 days | 181,182 |
| 184 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Tue 18/8/20 | Tue 6/10/20 | NA | 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 | | |
| 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 Statutory 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 (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 (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 Statutory 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 certification (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 Statutory 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 Ramps | 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 |
| 194 | D3 Bridge Substructure | 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 | | |
| 195 | Prepare AIP and ICE certification (Draft) | 66 days | 66 days | 0 days | 100% | Thu 30/5/19 | Sat 3/8/19 | Thu 30/5/19 | Sat 3/8/19 | Thu 30/5/19 | Sat 3/8/19 | 0 days | 3 days | 4 |
| 196 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 15 days | 15 days | 0 days | 100% | Mon 5/8/19 | Mon 19/8/19 | Mon 5/8/19 | Mon 19/8/19 | Mon 5/8/19 | Mon 19/8/19 | 0 days | 1 days | 195,138 |
| 197 | Prepare AIP and ICE certification (Final) | 30 days | 30 days | 0 days | 100% | Mon 23/12/19 | Tue 21/1/20 | Mon 23/12/19 | Tue 21/1/20 | Mon 23/12/19 | Tue 21/1/20 | 0 days | 0 days | 195,196 |
| 198 | Prepare DDA and ICE certification (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 Statutory 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 certification (Include P02-BP2 Remedial Pile) (Contractor Bear DDA Approval Risk) | 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 | Submit & endorse by PM and Statutory Authorities/Gov. Dept (Contractor Bear DDA Approval Risk) | 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 |
| 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 (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 Statutory 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 (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 certification (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 | 23 days | 0 days | 100% | Wed 26/2/20 | Thu 19/3/20 | Wed 26/2/20 | Thu 19/3/20 | Wed 26/2/20 | Thu 19/3/20 | 0 days | 2 days | 207 |
| 209 | Submit & endorse by Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Mon 29/6/20 | Mon 17/8/20 | NA | NA | Thu 16/7/20 | Thu 3/9/20 | 17 days | 2 days | 207,206FF+12 d |
| 210 | Prepare DDA for and ICE certification (Final) | 21 days | 0 days | 21 days | 0% | Tue 18/8/20 | Mon 7/9/20 | NA | NA | Fri 4/9/20 | Thu 24/9/20 | 17 days | 1 days | 208,206,209 |
| 211 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Tue 8/9/20 | Tue 27/10/20 | NA | NA | Fri 25/9/20 | Fri 13/11/20 | 17 days | 2 days | 210 |
| 212 | Prepare AIP (E&M works) and ICE certification (Draft) | 32 days | 0 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 Statutory 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 Statutory 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 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 Statutory 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 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 Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Fri 26/3/21 | Wed 26/5/21 | NA | NA | Fri 21/5/21 | Wed 21/7/21 | 56 days | 2 days | 218 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

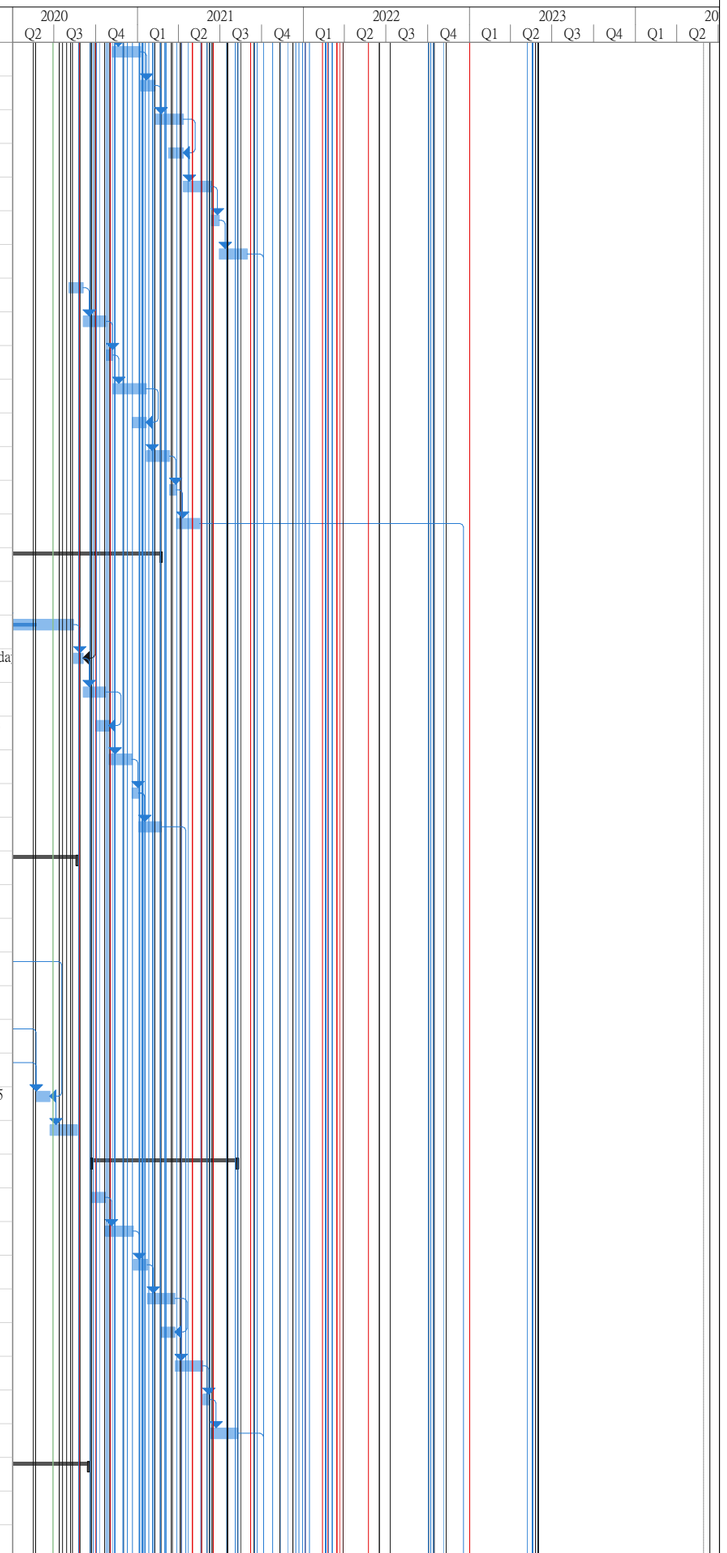
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | D3 North Approach Ramp (Structure) | 398 days | 348.95 days | 49.05 days | 0% | Mon 3/6/19 | Sat 4/7/20 | Mon 3/6/19 | NA | Mon 3/6/19 | Thu 8/10/20 | 96 days | | |
| 221 | Prepare AIP and ICE certification (Draft)) | 51 days | 51 days | 0 days | 100% | Mon 3/6/19 | Tue 23/7/19 | Mon 3/6/19 | Tue 23/7/19 | Mon 3/6/19 | Tue 23/7/19 | 0 days | 3 days | 4 |
| 222 | Submit & endorse by PM and Statutory 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 (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 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 |
| 225 | Submit & endorse by PM/Statutory 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 |
| 226 | Prepare DDA for and ICE certification (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 |
| 227 | Submit & endorse by PM/Statutory 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 |
| 228 | D3 North Approach Ramp (E&M Works) | 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 | | |
| 229 | Prepare AIP (E&M works) and ICE 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 | |
| 230 | Submit & endorse by PM and Statutory 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 |
| 231 | 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 | Mon 1/3/21 | Thu 1/4/21 | 148 days | 2 days | 230 |
| 232 | Submit & endorse by PM and Statutory 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 |
| 233 | Prepare DDA (E&M works) and ICE certification (Draft) | 32 days | 0 days | 32 days | 0% | Sat 5/12/20 | Tue 5/1/21 | NA | NA | Sun 2/5/21 | Wed 2/6/21 | 148 days | 2 days | 232FF |
| 234 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Wed 6/1/21 | Mon 8/3/21 | NA | NA | Thu 3/6/21 | Tue 3/8/21 | 148 days | 2 days | 233 |
| 235 | Prepare DDA (E&M works) and ICE certification (Final) | 17 days | 0 days | 17 days | 0% | Tue 9/3/21 | Thu 25/3/21 | NA | NA | Wed 4/8/21 | Fri 20/8/21 | 148 days | 2 days | 234 |
| 236 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Fri 26/3/21 | Wed 26/5/21 | NA | NA | Sat 21/8/21 | Thu 21/10/21 | 148 days | 2 days | 235 |
| 237 | D3 South Approach Ramp | 507 days | 322.64 days | 184.36 days | 0% | Thu 30/5/19 | Sat 17/10/20 | Thu 30/5/19 | NA | Thu 30/5/19 | Tue 16/2/21 | 122 days | | |
| 238 | Prepare 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 | |
| 239 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 35 days | 35 days | 0 days | 100% | Wed 25/9/19 | Tue 29/10/19 | Wed 25/9/19 | Tue 29/10/19 | Wed 25/9/19 | Tue 29/10/19 | 0 days | 1 day | 238 |
| 240 | Prepare AIP Submission (Final) | 76 days | 76 days | 0 days | 100% | Fri 7/2/20 | Mon 4/5/20 | Fri 7/2/20 | Mon 4/5/20 | Fri 7/2/20 | Mon 4/5/20 | 0 days | 1 day | 238,239 |
| 241 | Prepare DDA and ICE certification (Draft) | 50 days | 50 days | 0 days | 100% | Wed 1/4/20 | Wed 20/5/20 | Wed 1/4/20 | Wed 20/5/20 | Wed 1/4/20 | Wed 20/5/20 | 0 days | 5 days | 240FF+15 days |
| 242 | Submit & endorse by PM and Statutory 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 |
| 243 | Prepare DDA for and ICE certification (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 |
| 244 | Submit & endorse by PM and Statutory 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 |
| 245 | D3 South Approach Ramp (E&M Works) | 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 | | |
| 246 | Prepare AIP (E&M works) and ICE 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 | |
| 247 | Submit & endorse by PM and Statutory 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 |
| 248 | Prepare AIP (E&M works) and ICE 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 |
| 249 | Submit & endorse by PM and Statutory 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 |
| 250 | 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 |
| 251 | Submit & endorse by PM and Statutory 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 |
| 252 | 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 |
| 253 | Submit & endorse by PM and Statutory 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 |
| 254 | 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 | | |
| 255 | Underpass (Structure) | 486 days | 320.41 days | 165.59 days | 0% | Thu 30/5/19 | Sat 26/9/20 | Thu 30/5/19 | NA | Thu 30/5/19 | Wed 2/12/20 | 67 days | | |
| 256 | Prepare 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 |
| 257 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 17 days | 17 days | 0 days | 100% | Tue 3/9/19 | Thu 19/9/19 | Tue 3/9/19 | Thu 19/9/19 | Tue 3/9/19 | Thu 19/9/19 | 0 days | 1 days | 256 |
| 258 | Prepare AIP and ICE certification (Final) | 84 days | 84 days | 0 days | 100% | Tue 14/1/20 | Mon 6/4/20 | Tue 14/1/20 | Mon 6/4/20 | Tue 14/1/20 | Mon 6/4/20 | 0 days | 2 days | 256,257 |
| 259 | Prepare DDA (Draft) Preparation | 156 days | 156 days | 0 days | 100% | Tue 3/9/19 | Wed 5/2/20 | Tue 3/9/19 | Wed 5/2/20 | Tue 3/9/19 | Wed 5/2/20 | 0 days | 3 days | 256 |
| 260 | DDA (Draft) Submit & endorse by PM & Statutory Authorities/Gov. Dept | 169 days | 34 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 | 67 days | 0.5 days | 259 |
| 261 | Prepare DDA for and ICE certification (Final) | 15 days | 0 days | 15 days | 0% | Fri 24/7/20 | Fri 7/8/20 | NA | NA | Tue 29/9/20 | Tue 13/10/20 | 67 days | 1 day | 260,258FF+21 d |
| 262 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Sat 8/8/20 | Sat 26/9/20 | NA | NA | Wed 14/10/20 | Wed 2/12/20 | 67 days | 1 day | 261 |
| 263 | Underpass (E&M Works) | 392 days | 0 days | 392 days | 0% | Mon 3/8/20 | Sun 29/8/21 | NA | NA | Tue 10/11/20 | Wed 11/1/23 | 99 days | | |
| 264 | Prepare AIP (E&M works) and 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 | |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

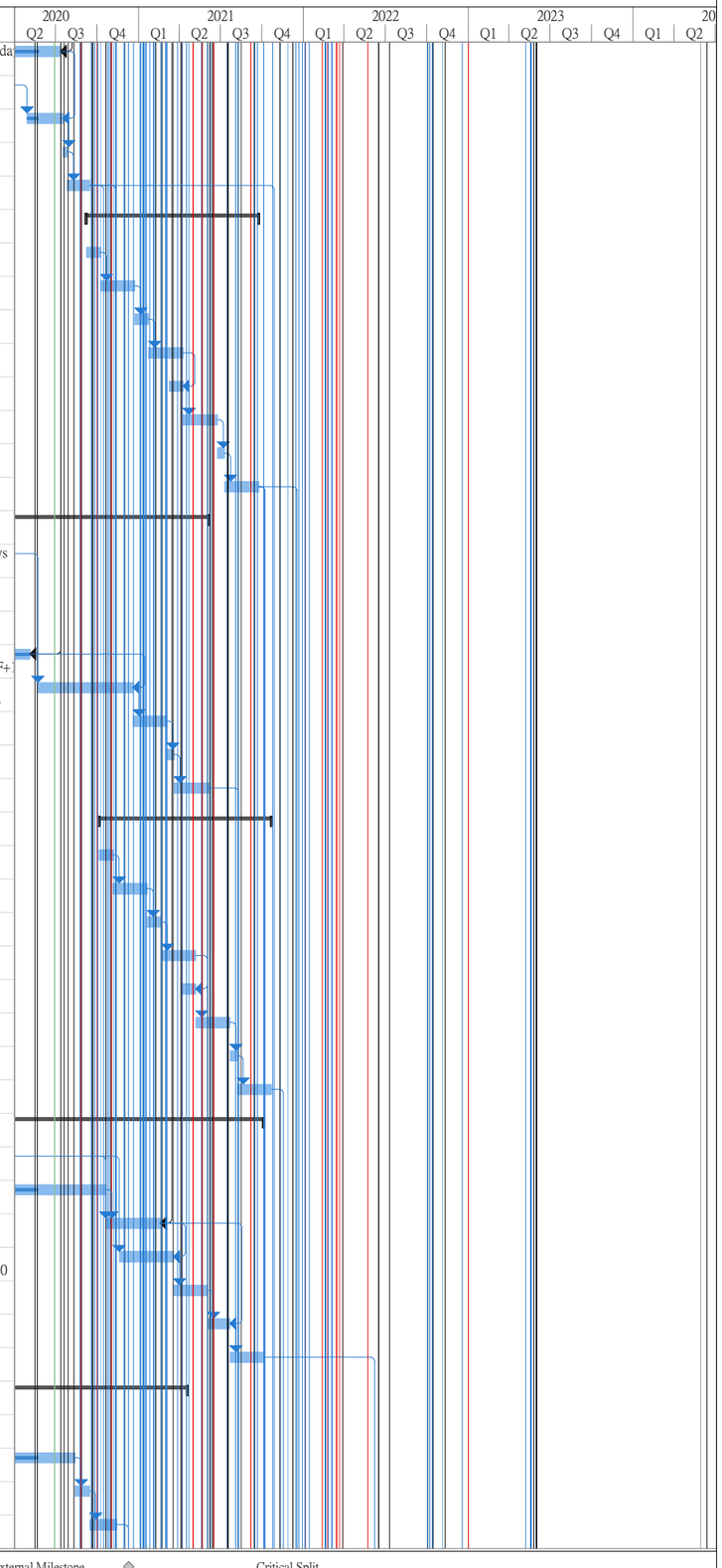
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 265 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Fri 6/11/20 | Wed 6/1/21 | NA | NA | Sat 12/12/20 | Thu 11/2/21 | 36 days | 2 days | 264 |
| 266 | Prepare AIP (E&M works) and ICE certification (Final) | 32 days | 0 days | 32 days | 0% | Thu 7/1/21 | Sun 7/2/21 | NA | NA | Fri 12/2/21 | Mon 15/3/21 | 36 days | 2 days | 265 |
| 267 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Mon 8/2/21 | Sat 10/4/21 | NA | NA | Tue 16/3/21 | Sun 16/5/21 | 36 days | 2 days | 266 |
| 268 | Prepare DDA (E&M works) and ICE certification (Draft) | 32 days | 0 days | 32 days | 0% | Wed 10/3/21 | Sat 10/4/21 | NA | NA | Thu 15/4/21 | Sun 16/5/21 | 36 days | 2 days | 267FF |
| 269 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Sun 11/4/21 | Fri 11/6/21 | NA | NA | Mon 17/5/21 | Sat 17/7/21 | 36 days | 2 days | 268 |
| 270 | Prepare DDA (E&M works) and ICE certification (Final) | 17 days | 0 days | 17 days | 0% | Sat 12/6/21 | Mon 28/6/21 | NA | NA | Sun 18/7/21 | Tue 3/8/21 | 36 days | 2 days | 269 |
| 271 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Tue 29/6/21 | Sun 29/8/21 | NA | NA | Wed 4/8/21 | Mon 4/10/21 | 36 days | 2 days | 270 |
| 272 | Prepare AIP (E&M works) and Architectural Finishes of of Underpass (Road L14) and ICE certification (Draft) | 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 | 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 L14) and ICE certification (Final) | 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 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 74 days | 0 days | 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 L14) and ICE certification (Draft) | 31 days | 0 days | 31 days | 0% | Sun 20/12/20 | Tue 19/1/21 | NA | NA | Wed 17/8/22 | Fri 16/9/22 | 605 days | 1 day | 275FF |
| 277 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 51 days | 0 days | 51 days | 0% | Wed 20/1/21 | Thu 11/3/21 | NA | NA | Sat 17/9/22 | Sun 6/11/22 | 605 days | 1 day | 276 |
| 278 | Prepare DDA (E&M works) and Architectural Finishes of of Underpass (Road L14) and ICE certification (Final) | 15 days | 0 days | 15 days | 0% | Fri 12/3/21 | Fri 26/3/21 | NA | NA | Mon 7/11/22 | Mon 21/11/22 | 605 days | 1 day | 277 |
| 279 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 51 days | 0 days | 51 days | 0% | Sat 27/3/21 | Sun 16/5/21 | NA | NA | Tue 22/11/22 | Wed 11/1/23 | 605 days | 1 day | 278 |
| 280 | E&M Work for Pump House of Underpass D3 | 364 days | 83.71 days | 280.29 days | 0% | Mon 24/2/20 | Sun 21/2/21 | Mon 24/2/20 | NA | Mon 24/2/20 | Wed 18/8/21 | 178 days | | |
| 281 | Prepare AIP (E&M works) Submission (Draft) | 11 days | 11 days | 0 days | 0% | Mon 24/2/20 | Thu 5/3/20 | Mon 24/2/20 | Thu 5/3/20 | Mon 24/2/20 | Thu 5/3/20 | 0 days | 2 days | |
| 282 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 160 days | 78 days | 82 days | 49% | Fri 6/3/20 | Wed 12/8/20 | Fri 6/3/20 | NA | Fri 6/3/20 | Sat 15/8/20 | 3 days | 2 days | 281 |
| 283 | Prepare AIP (E&M works) and ICE certification (Final) | 21 days | 0 days | 21 days | 0% | Thu 13/8/20 | Wed 2/9/20 | NA | NA | Sun 16/8/20 | Sat 5/9/20 | 3 days | 2 days | 282,44FF+12 da |
| 284 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Thu 3/9/20 | Thu 22/10/20 | NA | NA | Sun 6/9/20 | Sun 25/10/20 | 3 days | 2 days | 283 |
| 285 | Prepare DDA (E&M works) and ICE certification (Draft) | 30 days | 0 days | 30 days | 0% | Wed 30/9/20 | Thu 29/10/20 | NA | NA | Sat 3/10/20 | Sun 1/11/20 | 3 days | 2 days | 284FF+7 days |
| 286 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Fri 30/10/20 | Fri 18/12/20 | NA | NA | Mon 2/11/20 | Mon 21/12/20 | 3 days | 2 days | 285 |
| 287 | Prepare DDA (E&M works) and ICE certification (Final) | 15 days | 0 days | 15 days | 0% | Sat 19/12/20 | Sat 2/1/21 | NA | NA | Tue 22/12/20 | Tue 5/1/21 | 3 days | 2 days | 286 |
| 288 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Sun 3/1/21 | Sun 21/2/21 | NA | NA | Wed 30/6/21 | Wed 18/8/21 | 178 days | 2 days | 287 |
| 289 | Depressed Road (North) Structure | 463 days | 335.18 days | 127.82 days | 0% | Thu 16/5/19 | Thu 20/8/20 | Thu 16/5/19 | NA | Thu 16/5/19 | Thu 11/5/23 | 994 days | | |
| 290 | Prepare AIP and ICE certification (Draft) | 65 days | 65 days | 0 days | 100% | Thu 16/5/19 | Fri 2/8/19 | Thu 16/5/19 | Fri 2/8/19 | Thu 16/5/19 | Fri 2/8/19 | 0 days | 1 days | 4 |
| 291 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 33 days | 33 days | 0 days | 100% | Sat 3/8/19 | Wed 4/9/19 | Sat 3/8/19 | Wed 4/9/19 | Sat 3/8/19 | Wed 4/9/19 | 0 days | 2 days | 290 |
| 292 | Prepare AIP and ICE certification (Final) | 44 days | 44 days | 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 | 57 days | 0 days | 100% | Tue 24/9/19 | Tue 19/11/19 | Tue 24/9/19 | Tue 19/11/19 | Tue 24/9/19 | Tue 19/11/19 | 0 days | 5 days | 290 |
| 294 | Submit & endorse by PM | 17 days | 17 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 | 1 day | 293 |
| 295 | Submit & endorse by Statutory Authorities/Gov. Dept | 20 days | 20 days | 0 days | 100% | Wed 19/2/20 | Mon 9/3/20 | 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 | 0 days | 30 days | 0% | Sat 23/5/20 | Sun 21/6/20 | NA | 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 | 0 days | 60 days | 0% | Mon 22/6/20 | Thu 20/8/20 | NA | NA | Mon 13/3/23 | Thu 11/5/23 | 994 days | 5 days | 296 |
| 298 | Depressed Road (North) E&M Works | 322 days | 0 days | 322 days | 0% | Mon 21/9/20 | Sun 8/8/21 | NA | NA | Tue 17/11/20 | Mon 4/10/21 | 57 days | | |
| 299 | Prepare AIP (E&M works) and ICE certification (Draft) | 31 days | 0 days | 31 days | 0% | Mon 21/9/20 | Wed 21/10/20 | NA | NA | Tue 17/11/20 | Thu 17/12/20 | 57 days | 1 day | |
| 300 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 61 days | 0 days | 61 days | 0% | Thu 22/10/20 | Mon 21/12/20 | NA | NA | Fri 18/12/20 | Tue 16/2/21 | 57 days | 1 day | 299 |
| 301 | Prepare AIP (E&M works) and ICE certification (Final) | 31 days | 0 days | 31 days | 0% | Tue 22/12/20 | Thu 21/1/21 | NA | NA | Wed 17/2/21 | Fri 19/3/21 | 57 days | 1 day | 300 |
| 302 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 61 days | 0 days | 61 days | 0% | Fri 22/1/21 | Tue 23/3/21 | NA | NA | Sat 20/3/21 | Wed 19/5/21 | 57 days | 1 day | 301 |
| 303 | Prepare DDA (E&M works) and ICE certification (Draft) | 31 days | 0 days | 31 days | 0% | Sun 21/2/21 | Tue 23/3/21 | NA | NA | Mon 19/4/21 | Wed 19/5/21 | 57 days | 1 day | 302FF |
| 304 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 61 days | 0 days | 61 days | 0% | Wed 24/3/21 | Sun 23/5/21 | NA | NA | Thu 20/5/21 | Mon 19/7/21 | 57 days | 1 day | 303 |
| 305 | Prepare DDA (E&M works) and ICE certification (Final) | 16 days | 0 days | 16 days | 0% | Mon 24/5/21 | Tue 8/6/21 | NA | NA | Tue 20/7/21 | Wed 4/8/21 | 57 days | 1 day | 304 |
| 306 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 61 days | 0 days | 61 days | 0% | Wed 9/6/21 | Sun 8/8/21 | NA | NA | Thu 5/8/21 | Mon 4/10/21 | 57 days | 1 day | 305 |
| 307 | Depressed Road (South) and Substructure of Elevated Landscape Deck | 463 days | 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 | 54 days | 0 days | 100% | Mon 10/6/19 | Fri 2/8/19 | Mon 10/6/19 | Fri 2/8/19 | Mon 10/6/19 | Fri 2/8/19 | 0 days | 1 days | |
| 309 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 81 days | 81 days | 0 days | 100% | Sat 3/8/19 | Tue 22/10/19 | Sat 3/8/19 | Tue 22/10/19 | Sat 3/8/19 | Tue 22/10/19 | 0 days | 2 days | 308 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

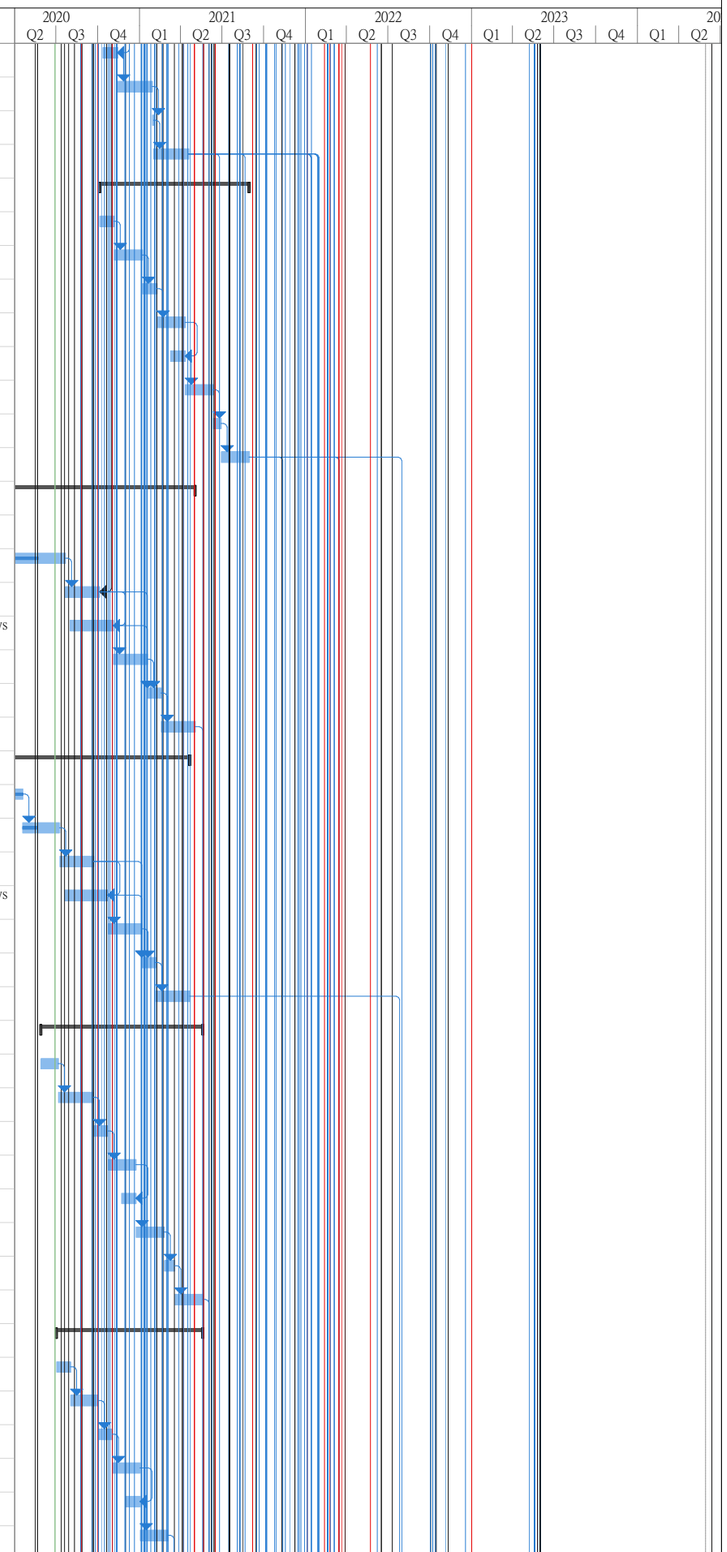
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 310 | Prepare AIP and ICE (certification (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 |
| 311 | Prepare DDA certification (Draft) | 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 |
| 312 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 24 days | 51 days | 32% | Wed 29/4/20 | Thu 16/7/20 | Wed 29/4/20 | NA | Wed 29/4/20 | Sun 16/8/20 | 31 days | 1 days | 311,310FF+6 days |
| 313 | Prepare DDA for and ICE certification (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 | 312 |
| 314 | Submit & endorse by PM and Statutory 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 |
| 315 | South Depressed Road (E&M Works) | 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 | | |
| 316 | 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 | |
| 317 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 76 days | 0 days | 76 days | 0% | Thu 8/10/20 | Tue 22/12/20 | NA | NA | Mon 19/10/20 | Sat 2/1/21 | 11 days | 1 day | 316 |
| 318 | Prepare AIP (E&M works) and 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 |
| 319 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 76 days | 0 days | 76 days | 0% | Sat 23/1/21 | Thu 8/4/21 | NA | NA | Wed 3/2/21 | Mon 19/4/21 | 11 days | 1 day | 318 |
| 320 | Prepare DDA (E&M works) and ICE certification (Draft) | 31 days | 0 days | 31 days | 0% | Tue 9/3/21 | Thu 8/4/21 | NA | NA | Sat 20/3/21 | Mon 19/4/21 | 11 days | 1 day | 319FF |
| 321 | Submit & endorse by PM and Statutory 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 |
| 322 | Prepare DDA (E&M works) and 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 |
| 323 | Submit & endorse by PM and Statutory 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 |
| 324 | Road Works (Civil Works) | 662 days | 196.01 days | 465.99 days | 0% | Tue 13/8/19 | Fri 4/6/21 | Tue 13/8/19 | NA | Tue 13/8/19 | Tue 14/12/21 | 193 days | | |
| 325 | Prepare AIP for At-grade Road D3 and ICE certification (Draft) | 57 days | 57 days | 0 days | 100% | Tue 13/8/19 | Tue 8/10/19 | Tue 13/8/19 | Tue 8/10/19 | Tue 13/8/19 | Tue 8/10/19 | 0 days | 1 day | 293SS+75 days |
| 326 | Submit & endorse by PM | 21 days | 21 days | 0 days | 100% | Wed 9/10/19 | Tue 29/10/19 | Wed 9/10/19 | Tue 29/10/19 | Wed 9/10/19 | Tue 29/10/19 | 0 days | 0.5 days | 325 |
| 327 | Submit & endorse by Statutory Authorities/Gov. Dept | 24 days | 24 days | 0 days | 100% | Wed 30/10/19 | Fri 22/11/19 | Wed 30/10/19 | Fri 22/11/19 | Wed 30/10/19 | Fri 22/11/19 | 0 days | 1 day | 325 |
| 328 | Prepare AIP for At-grade Road D3 and ICE certification (Final) | 57 days | 57 days | 0 days | 100% | Thu 5/3/20 | Mon 4/5/20 | Thu 5/3/20 | Mon 4/5/20 | Thu 5/3/20 | Mon 4/5/20 | 0 days | 0 days | 326FS+12 days,327,44FF+ |
| 329 | Prepare DDA for At-grade Road D3 and ICE certification (Draft) | 210 days | 0 days | 210 days | 0% | Sat 23/5/20 | Fri 18/12/20 | NA | NA | Wed 2/12/20 | Tue 29/6/21 | 193 days | 5 days | 325FS+100 days,328FF+6 |
| 330 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 0 days | 75 days | 0% | Sat 19/12/20 | Wed 3/3/21 | NA | NA | Wed 30/6/21 | Sun 12/9/21 | 193 days | 0.5 days | 329 |
| 331 | Prepare DDA for At-grade Road D3 and ICE certification (Final) | 16 days | 0 days | 16 days | 0% | Thu 4/3/21 | Fri 19/3/21 | NA | NA | Mon 13/9/21 | Tue 28/9/21 | 193 days | 1 day | 330 |
| 332 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 77 days | 0 days | 77 days | 0% | Sat 20/3/21 | Fri 4/6/21 | NA | NA | Wed 29/9/21 | Tue 14/12/21 | 193 days | 2 days | 331 |
| 333 | Remaining Road Works (E&M Works) | 382 days | 0 days | 382 days | 0% | Mon 5/10/20 | Thu 21/10/21 | NA | NA | Sat 13/2/21 | Tue 1/3/22 | 131 days | | |
| 334 | Prepare AIP (E&M works) and ICE certification (Draft) | 31 days | 0 days | 31 days | 0% | Mon 5/10/20 | Wed 4/11/20 | NA | NA | Sat 13/2/21 | Mon 15/3/21 | 131 days | 1 day | |
| 335 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 76 days | 0 days | 76 days | 0% | Thu 5/11/20 | Tue 19/1/21 | NA | NA | Tue 16/3/21 | Sun 30/5/21 | 131 days | 1 day | 334 |
| 336 | 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 |
| 337 | Submit & endorse by PM and Statutory 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 |
| 338 | 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 |
| 339 | Submit & endorse by PM and Statutory 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 |
| 340 | Prepare DDA (E&M works) and ICE certification (Final) | 16 days | 0 days | 16 days | 0% | Thu 22/7/21 | Fri 6/8/21 | NA | NA | Tue 30/11/21 | Wed 15/12/21 | 131 days | 1 day | 339 |
| 341 | Submit & endorse by PM and Statutory 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 |
| 342 | 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 | | |
| 343 | Prepare AIP for Road L12d Submission (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 |
| 344 | Submit & endorse by PM and Statutory 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 | | |
| 345 | Prepare AIP for Road L12d (Include E&M Provision Works) and ICE certification (Final) | 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 days,344 |
| 346 | Prepare DDA for Road L12d (Include E&M Provision Works) and ICE certification (Draft) | 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 days,345FF+30 |
| 347 | Submit & endorse by PM and Statutory 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 |
| 348 | Prepare DDA for Road L12d (Include E&M Provision Works) and ICE certification (Final) | 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 |
| 349 | Submit & endorse by PM and Statutory 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 |
| 350 | 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 | | |
| 351 | Prepare AIP (E&M works) Submission (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 | |
| 352 | Submit & endorse by Statutory Authorities/Gov. Dept and PM | 190 days | 108 days | 82 days | 57% | Wed 5/2/20 | Wed 12/8/20 | Wed 5/2/20 | NA | Wed 5/2/20 | Wed 25/11/20 | 105 days | | 351 |
| 353 | Prepare AIP (E&M works) and ICE certification (Final) | 32 days | 0 days | 32 days | 0% | Thu 13/8/20 | Sun 13/9/20 | NA | NA | Thu 26/11/20 | Sun 27/12/20 | 105 days | 2 days | 352 |
| 354 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 0 days | 60 days | 0% | Mon 14/9/20 | Thu 12/11/20 | NA | NA | Mon 28/12/20 | Thu 25/2/21 | 105 days | 2 days | 353 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

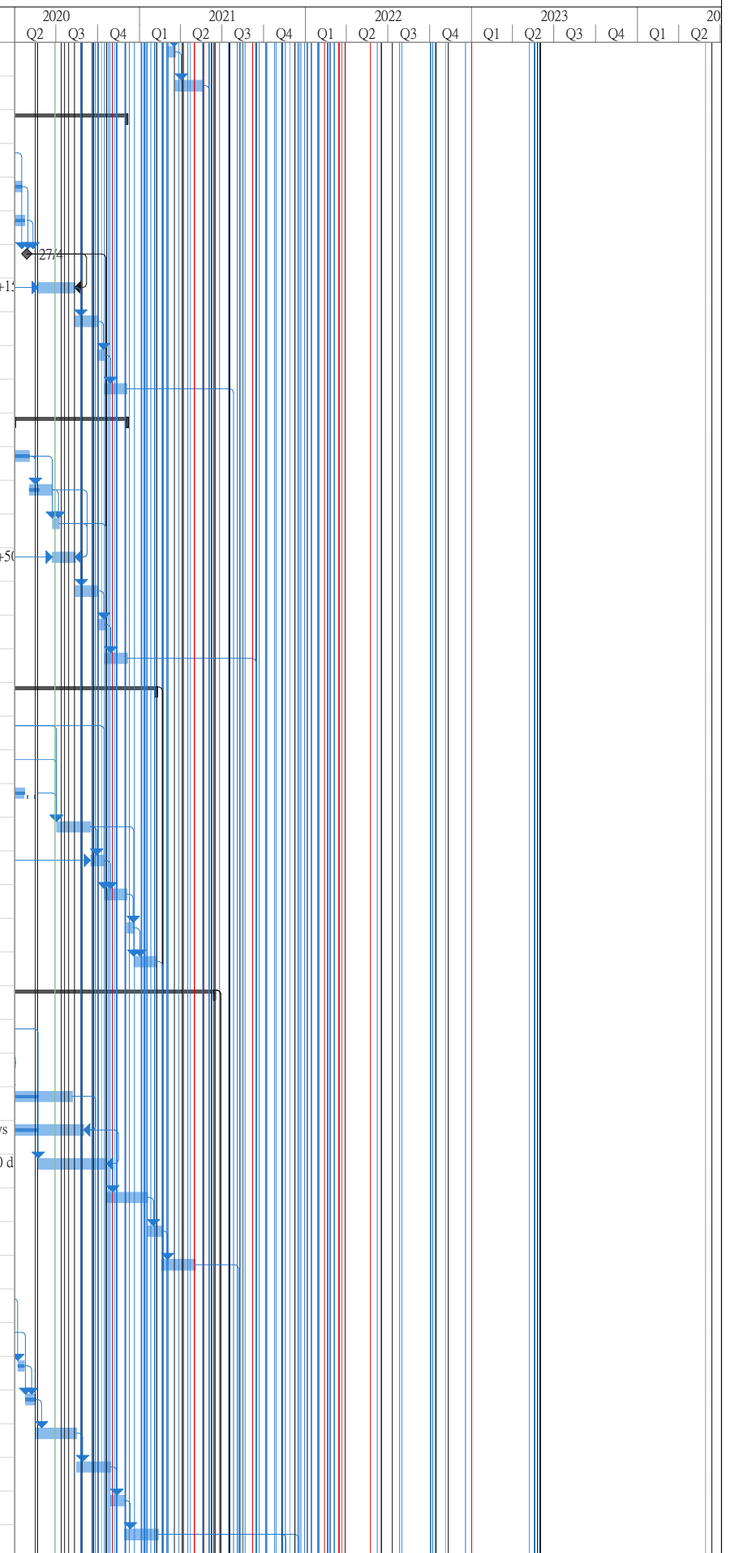
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 355 | Prepare DDA (E&M works) and 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 |
| 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) and 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 | | |
| 360 | Prepare AIP (E&M works) and 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 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) and 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) and 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 Road 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 | AIP for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (Draft) | 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 | 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 | AIP for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (Final) | 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 days |
| 372 | DDA for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (Draft) | 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 | 371FF+30 days |
| 373 | 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 | DDA for Roadworks - Roadworks other than at-grade Road D3 and Road L12d (Final) | 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 | 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 and 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 | | |
| 377 | AIP for Roadworks - EVA to Sewerage and Saltwater Pumping Station (Draft) | 46 days | 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 | 0.5 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 | AIP for Roadworks - EVA to Sewerage and Saltwater Pumping Station (Final) | 75 days | 0 days | 75 days | 0% | Thu 9/7/20 | Mon 21/9/20 | NA | NA | Tue 24/5/22 | Sat 6/8/22 | 684 days | 0.5 days | 378 |
| 380 | DDA for Roadworks - EVA to Sewerage and Saltwater Pumping Station (Draft) | 95 days | 0 days | 95 days | 0% | Mon 20/7/20 | Thu 22/10/20 | NA | NA | Thu 19/5/22 | Sun 21/8/22 | 668 days | 1 day | 379FF+15 days |
| 381 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 0 days | 75 days | 0% | Fri 23/10/20 | Tue 5/1/21 | NA | NA | Mon 22/8/22 | Fri 4/11/22 | 668 days | 0.5 days | 380 |
| 382 | DDA for Roadworks - EVA to Sewerage and Saltwater Pumping Station (Final) | 30 days | 0 days | 30 days | 0% | Wed 6/1/21 | Thu 4/2/21 | NA | NA | Sat 5/11/22 | Sun 4/12/22 | 668 days | 0.5 days | 379,380,381 |
| 383 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 0 days | 75 days | 0% | Fri 5/2/21 | Tue 20/4/21 | NA | NA | Mon 5/12/22 | Fri 17/2/23 | 668 days | 0.5 days | 382 |
| 384 | Road Lighting of Road other than Road D3 (E&M) | 356 days | 0 days | 356 days | 0% | Fri 29/5/20 | Wed 19/5/21 | NA | NA | Tue 2/6/20 | Sun 23/5/21 | 4 days | | |
| 385 | Prepare AIP (E&M works) and ICE certification (Draft) | 38 days | 0 days | 38 days | 0% | Fri 29/5/20 | Sun 5/7/20 | NA | NA | Tue 2/6/20 | Thu 9/7/20 | 4 days | 2 days | |
| 386 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 77 days | 0 days | 77 days | 0% | Mon 6/7/20 | Sun 20/9/20 | NA | NA | Fri 10/7/20 | Thu 24/9/20 | 4 days | 2 days | 385 |
| 387 | Prepare AIP (E&M works) and ICE certification (Final) | 32 days | 0 days | 32 days | 0% | Mon 21/9/20 | Thu 22/10/20 | NA | NA | Fri 25/9/20 | Mon 26/10/20 | 4 days | 2 days | 386 |
| 388 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Fri 23/10/20 | Wed 23/12/20 | NA | NA | Tue 27/10/20 | Sun 27/12/20 | 4 days | 2 days | 387 |
| 389 | Prepare DDA (E&M works) and ICE certification (Draft) | 32 days | 0 days | 32 days | 0% | Sun 22/11/20 | Wed 23/12/20 | NA | NA | Thu 26/11/20 | Sun 27/12/20 | 4 days | 2 days | 388FF |
| 390 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Thu 24/12/20 | Tue 23/2/21 | NA | NA | Mon 28/12/20 | Sat 27/2/21 | 4 days | 2 days | 389 |
| 391 | Prepare DDA (E&M works) and ICE certification (Final) | 23 days | 0 days | 23 days | 0% | Wed 24/2/21 | Thu 18/3/21 | NA | NA | Sun 28/2/21 | Mon 22/3/21 | 4 days | 2 days | 390 |
| 392 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 62 days | 0 days | 62 days | 0% | Fri 19/3/21 | Wed 19/5/21 | NA | NA | Tue 23/3/21 | Sun 23/5/21 | 4 days | 2 days | 391 |
| 393 | Roadworks other than at-grade Road D3 and Road L12d (E&M Works) | 322 days | 0 days | 322 days | 0% | Thu 2/7/20 | Wed 19/5/21 | NA | NA | Mon 6/7/20 | Sun 23/5/21 | 4 days | | |
| 394 | Prepare AIP (E&M works) and ICE certification (Draft) | 31 days | 0 days | 31 days | 0% | Thu 2/7/20 | Sat 1/8/20 | NA | NA | Mon 6/7/20 | Wed 5/8/20 | 4 days | 1 day | |
| 395 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 61 days | 0 days | 61 days | 0% | Sun 2/8/20 | Thu 1/10/20 | NA | NA | Thu 6/8/20 | Mon 5/10/20 | 4 days | 1 day | 394 |
| 396 | Prepare AIP (E&M works) and ICE certification (Final) | 31 days | 0 days | 31 days | 0% | Fri 2/10/20 | Sun 1/11/20 | NA | NA | Tue 6/10/20 | Thu 5/11/20 | 4 days | 1 day | 395 |
| 397 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 61 days | 0 days | 61 days | 0% | Mon 2/11/20 | Fri 1/1/21 | NA | NA | Fri 6/11/20 | Tue 5/1/21 | 4 days | 1 day | 396 |
| 398 | Prepare DDA (E&M works) and ICE certification (Draft) | 31 days | 0 days | 31 days | 0% | Wed 2/12/20 | Fri 1/1/21 | NA | NA | Sun 6/12/20 | Tue 5/1/21 | 4 days | 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.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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

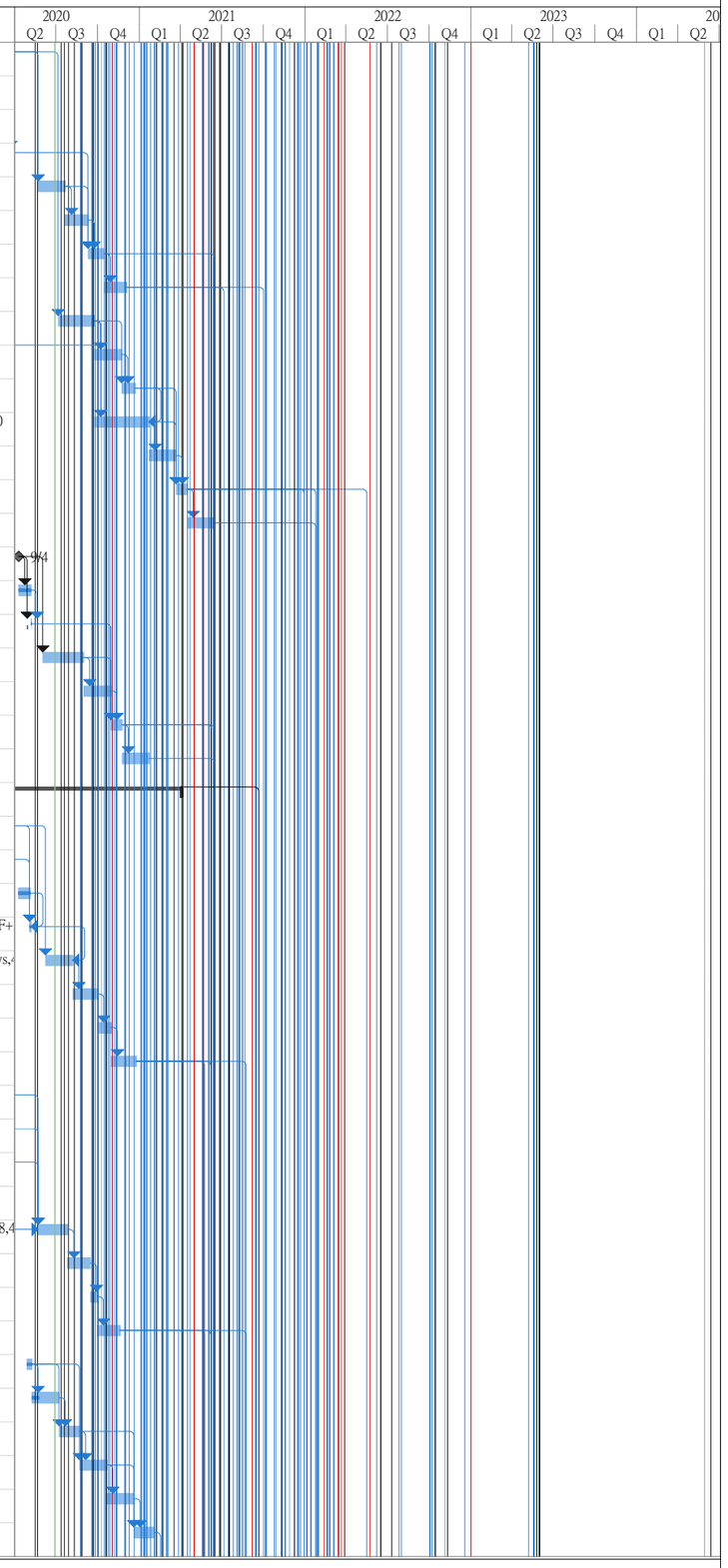
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 400 | Prepare DDA (E&M works) and ICE certification (Final) | 16 days | 0 days | 16 days | 0% | Thu 4/3/21 | Fri 19/3/21 | NA | NA | Mon 8/3/21 | Tue 23/3/21 | 4 days | 1 day | 399 |
| 401 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 61 days | 0 days | 61 days | 0% | Sat 20/3/21 | Wed 19/5/21 | NA | NA | Wed 24/3/21 | Sun 23/5/21 | 4 days | 1 day | 400 |
| 402 | DCS Seawater & Intake Box Culverts (approx 88m) (Section 2) | 479 days | 304.41 days | 174.59 days | 0% | Tue 13/8/19 | Thu 3/12/20 | Tue 13/8/19 | NA | Tue 13/8/19 | Tue 3/8/21 | 243 days | | |
| 403 | Prepare AIP Subm with ICE certification (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 | |
| 404 | 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 |
| 405 | 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 |
| 406 | Prepare AIP and ICE certification (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 |
| 407 | Prepare DDA and ICE certification | 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 |
| 408 | 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 |
| 409 | Prepare DDA for and ICE certification (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 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 certification (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 certification | 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+5 |
| 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 certification (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 |
| 418 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Fri 16/10/20 | Fri 4/12/20 | NA | NA | Wed 18/8/21 | Wed 6/10/21 | 306 days | 2 days | 417 |
| 419 | Rising Main (Sewerage Works) | 402 days | 134 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 | | |
| 420 | Prepare AIP (Draft) | 35 days | 35 days | 0 days | 100% | Thu 2/1/20 | Wed 5/2/20 | Thu 2/1/20 | Wed 5/2/20 | Thu 2/1/20 | Wed 5/2/20 | 0 days | 3 days | 4 |
| 421 | Submit & endorse by PM | 19 days | 19 days | 0 days | 100% | Thu 6/2/20 | Mon 24/2/20 | Thu 6/2/20 | Mon 24/2/20 | Thu 6/2/20 | Mon 24/2/20 | 0 days | 1 day | |
| 422 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 56 days | 56 days | 0 days | 100% | Thu 27/2/20 | Fri 22/5/20 | Thu 27/2/20 | Fri 22/5/20 | Thu 27/2/20 | Fri 22/5/20 | 0 days | 2 days | 420 |
| 423 | Prepare AIP and ICE certification (Final) | 75 days | 0 days | 75 days | 0% | Thu 2/7/20 | Mon 14/9/20 | NA | NA | Fri 31/7/20 | Tue 13/10/20 | 29 days | 0 days | 420,422,421 |
| 424 | Prepare DDA and ICE certification (Draft) | 30 days | 0 days | 30 days | 0% | Tue 15/9/20 | Wed 14/10/20 | NA | NA | Wed 14/10/20 | Thu 12/11/20 | 29 days | 4 days | 420SS,423 |
| 425 | 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 | Fri 13/11/20 | Fri 1/1/21 | 29 days | 3 days | 424,420 |
| 426 | Prepare DDA and ICE certification (Final) | 15 days | 0 days | 15 days | 0% | Fri 4/12/20 | Fri 18/12/20 | NA | NA | Sat 2/1/21 | Sat 16/1/21 | 29 days | 0 days | 425 |
| 427 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 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 | Stormwater, Sewage, Salt Water and Fresh Water Works for Underpass and Depressed Road | 641 days | 151.9 days | 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 Underpass and Depressed Roads and ICE certification (Draft) | 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 certification (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 certification (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 certification (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 | Fresh and Salt Water Works AIP for Underpass, Depressed Road and ICE certification (Draft) | 51 days | 51 days | 0 days | 100% | Tue 8/10/19 | Wed 27/11/19 | Tue 8/10/19 | Wed 27/11/19 | Tue 8/10/19 | Wed 27/11/19 | 0 days | 1 day | |
| 438 | Submit & endorse by PM | 26 days | 26 days | 0 days | 100% | Thu 28/11/19 | Mon 23/12/19 | Thu 28/11/19 | 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 |
| 440 | Prepare AIP for Underpass, Depressed 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, 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 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 0 days | 75 days | 0% | Sat 15/8/20 | Wed 28/10/20 | NA | NA | Thu 31/12/20 | Mon 15/3/21 | 138 days | 0.5 days | 441 |
| 443 | Prepare DDA for Underpass, Depressed Road and ICE certification (Final) | 30 days | 0 days | 30 days | 0% | Thu 29/10/20 | Fri 27/11/20 | NA | NA | Tue 16/3/21 | Wed 14/4/21 | 138 days | 0 days | 442 |
| 444 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 0 days | 75 days | 0% | Sat 28/11/20 | Wed 10/2/21 | NA | NA | Thu 15/4/21 | Mon 28/6/21 | 138 days | 0 days | 443 |




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 Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

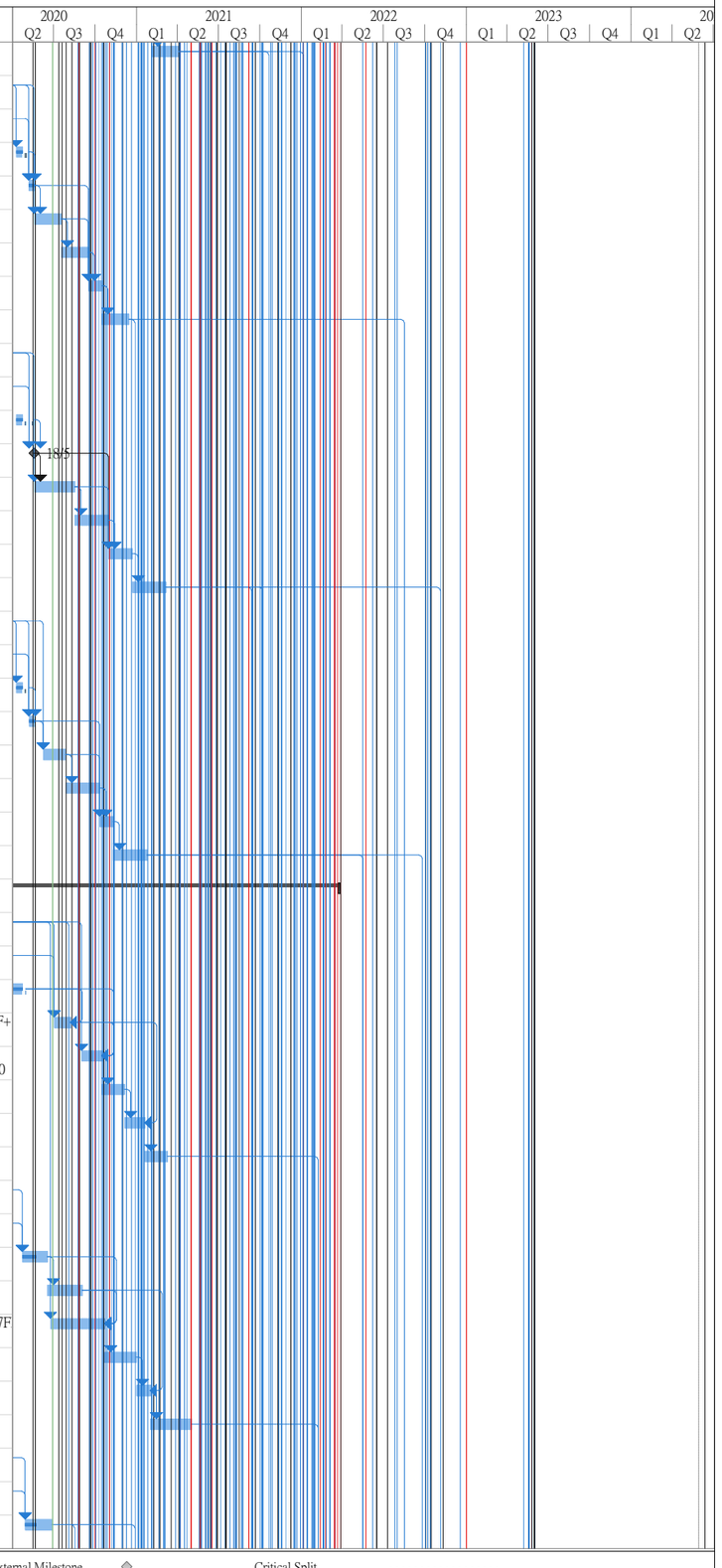
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 445 | AIP for Water Works (Sewerage 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 | |
| 446 | 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 | Mon 23/12/19 | Fri 10/1/20 | 0 days | 0.5 days | 445 |
| 447 | 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 |
| 448 | AIP for Water Works (Sewerage 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 |
| 449 | DDA for Water Works (Sewerage 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 |
| 450 | Submit & endorse by PM and 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 - (Sewerage 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 |
| 452 | 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 | Mon 10/5/21 | Mon 28/6/21 | 207 days | 0.5 days | 451 |
| 453 | AIP for Stormwater Works - Waterfront Promenade and at grade Open Space (Draft) | 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 |
| 454 | Submit & endorse by PM and 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 - Waterfront 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 | DDA for Stormwater Works - Waterfront Promenade and at grade Open Space (Draft) | 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 days |
| 457 | Submit & endorse by PM and 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 | 456 |
| 458 | DDA for Stormwater Works - Waterfront Promenade and at grade Open Space (Final) | 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 | Submit & endorse by PM and 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 - Remaining Stormwater works (Draft) | 0 days | 0 days | 0 days | 100% | Mon 2/3/20 | Thu 9/4/20 | Mon 2/3/20 | Thu 9/4/20 | Mon 2/3/20 | Thu 9/4/20 | 0 days | 1 day | 453 |
| 461 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 27 days | 27 days | 0 days | 100% | Fri 10/4/20 | Wed 6/5/20 | Fri 10/4/20 | Wed 6/5/20 | Fri 10/4/20 | Wed 6/5/20 | 0 days | 0.5 days | 460 |
| 462 | AIP for Water Works - Remaining Stormwater works (Final) | 1 day | 1 day | 0 days | 100% | Wed 29/4/20 | Thu 7/5/20 | Wed 29/4/20 | Thu 7/5/20 | Wed 29/4/20 | Thu 7/5/20 | 0 days | 0.5 days | 460,461 |
| 463 | DDA for Water Works - Remaining Stormwater works (Draft) | 90 days | 0 days | 90 days | 0% | Tue 2/6/20 | Sun 30/8/20 | NA | NA | Fri 6/11/20 | Wed 3/2/21 | 157 days | 1 day | 460 |
| 464 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 0 days | 60 days | 0% | Mon 31/8/20 | Thu 29/10/20 | NA | NA | Thu 4/2/21 | Sun 4/4/21 | 157 days | 0.5 days | 463 |
| 465 | DDA for Water Works - Remaining Stormwater works (Final) | 25 days | 0 days | 25 days | 0% | Fri 30/10/20 | Mon 23/11/20 | NA | NA | Mon 5/4/21 | Thu 29/4/21 | 157 days | 1 day | 462,463,464 |
| 466 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 0 days | 60 days | 0% | Tue 24/11/20 | Fri 22/1/21 | NA | NA | Fri 30/4/21 | Mon 28/6/21 | 157 days | 0.5 days | 465 |
| 467 | Stormwater, Sewage, Salt Water and Fresh Water Works for Bridge B3 | 530 days | 132.36 days | 397.64 days | 0% | Tue 22/10/19 | Sat 3/4/21 | Tue 22/10/19 | NA | Tue 22/10/19 | Wed 6/10/21 | 186 days | | |
| 468 | Fresh and Salt Water Works AIP 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 | |
| 469 | 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 |
| 470 | 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 and 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,4 |
| 473 | Submit & endorse by PM and 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 and 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 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 Bridge 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 Bridge 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 and ICE certification (Draft) | 65 days | 0 days | 65 days | 0% | Sat 23/5/20 | Sun 26/7/20 | NA | NA | Fri 9/10/20 | Sat 12/12/20 | 139 days | 1 day | 476,479SS,478,4 |
| 481 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Mon 27/7/20 | Mon 14/9/20 | NA | NA | Sun 13/12/20 | Sun 31/1/21 | 139 days | 0.5 days | 480 |
| 482 | Stormwater Works DDA for Bridge D3 and ICE certification (Final) | 15 days | 0 days | 15 days | 0% | Tue 15/9/20 | Tue 29/9/20 | NA | NA | Mon 1/2/21 | Mon 15/2/21 | 139 days | 1 day | 481 |
| 483 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Wed 30/9/20 | Wed 18/11/20 | NA | NA | Tue 16/2/21 | Tue 6/4/21 | 139 days | 1 day | 482 |
| 484 | AIP for Stormwater Drainage Works of Pump Rooms EVA & Road L12d (Draft) | 11 days | 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 | 1 day | |
| 485 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 15 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 | 186 days | 0.5 days | 484 |
| 486 | AIP for Stormwater Drainage Works (Final) | 45 days | 0 days | 45 days | 0% | Wed 8/7/20 | Fri 21/8/20 | NA | NA | Sun 10/1/21 | Tue 23/2/21 | 186 days | 0.5 days | 484,485 |
| 487 | DDA for Stormwater Drainage Works (Draft) | 60 days | 0 days | 60 days | 0% | Sat 22/8/20 | Tue 20/10/20 | NA | NA | Wed 24/2/21 | Sat 24/4/21 | 186 days | 1 day | 484,486 |
| 488 | Submit & endorse by PM and 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 |




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 Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

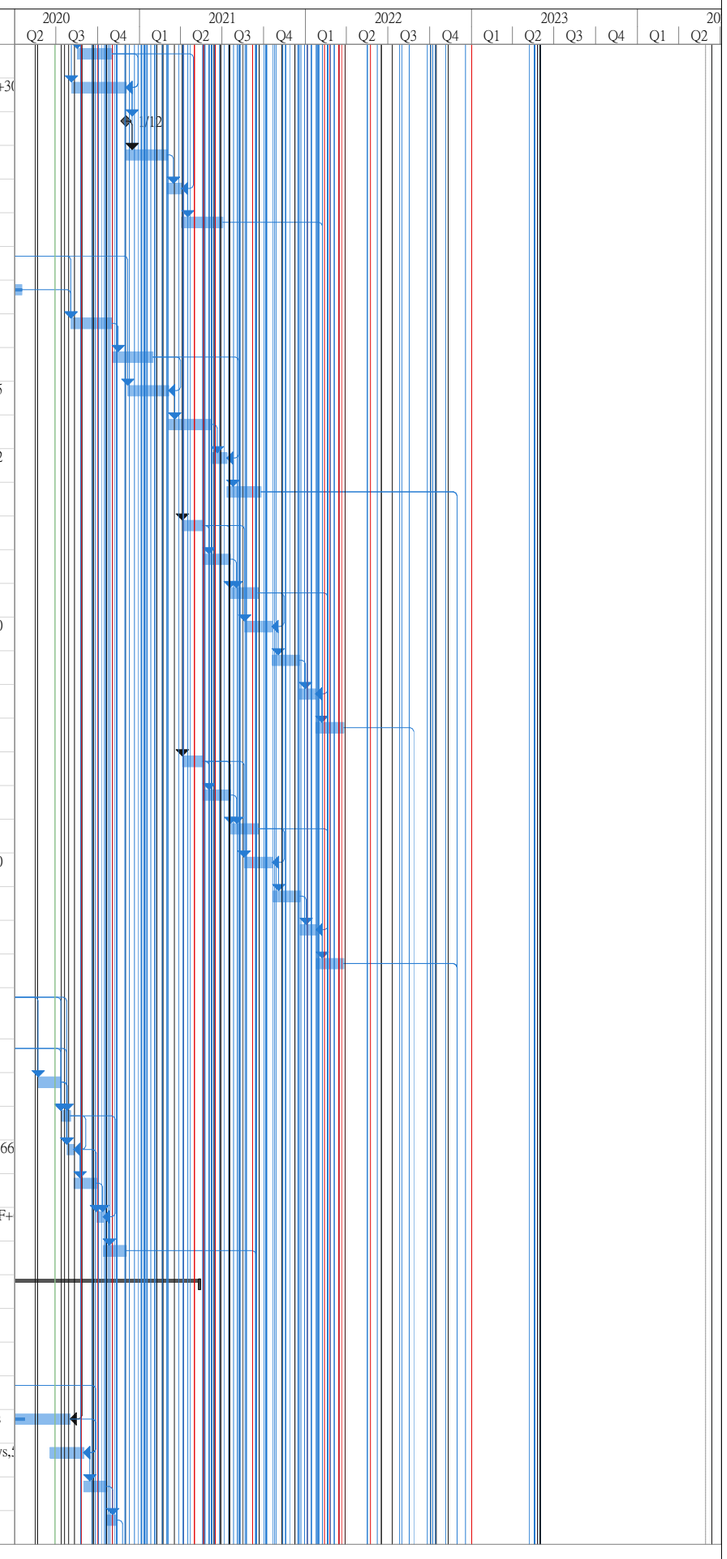
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 490 | Submit & endorse by PM and Statutory 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 - Road 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 | |
| 492 | 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 |
| 493 | Submit & endorse by Statutory Authorities/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 |
| 494 | AIP for Saltwater & Freshwater Works - 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 |
| 495 | DDA for Saltwater & Freshwater Works - 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 Statutory 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 |
| 497 | DDA for Saltwater & FreshwaterWorks - 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 |
| 498 | Submit & endorse by PM and Statutory 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 |
| 499 | Fresh and Salt Works AIP - Waterfront 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 | |
| 500 | 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 |
| 501 | Submit & endorse by PM/Statutory Authorities/Gov. Dept | 14 days | 14 days | 0 days | 100% | Thu 9/4/20 | Mon 18/5/20 | Thu 9/4/20 | Mon 18/5/20 | Thu 9/4/20 | Mon 18/5/20 | 0 days | 0.5 days | |
| 502 | Fresh and Salt Works AIP - Waterfront Promenade and at grade Open Space (Final) | 0 days | 0 days | 0 days | 100% | Mon 11/5/20 | Mon 18/5/20 | Mon 11/5/20 | Mon 18/5/20 | Mon 11/5/20 | Mon 18/5/20 | 0 days | 0.5 days | 499,500,501 |
| 503 | Fresh and Salt Works DDA - Waterfront Promenade and at grade Open Space (Draft) | 90 days | 0 days | 90 days | 0% | Tue 19/5/20 | Sun 16/8/20 | NA | NA | Sat 19/12/20 | Thu 18/3/21 | 214 days | 1 day | 499,502 |
| 504 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 0 days | 75 days | 0% | Mon 17/8/20 | Fri 30/10/20 | NA | NA | Fri 19/3/21 | Tue 1/6/21 | 214 days | 0.5 days | 503 |
| 505 | Fresh and Salt Works DDA - Waterfront Promenade and at grade Open Space (Final) | 52 days | 0 days | 52 days | 0% | Sat 31/10/20 | Mon 21/12/20 | NA | NA | Wed 2/6/21 | Fri 23/7/21 | 214 days | 1 day | 502,503,504 |
| 506 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 0 days | 75 days | 0% | Tue 22/12/20 | Sat 6/3/21 | NA | NA | Sat 24/7/21 | Wed 6/10/21 | 214 days | 0.5 days | 505 |
| 507 | AIP for Water Works - Remaining Fresh Water and Salt Water works (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 | 499SS |
| 508 | 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 |
| 509 | Submit & endorse by PM/Statutory Authorities/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 |
| 510 | AIP for Water Works - Remaining Fresh 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 |
| 511 | DDA for Water Works - Remaining Fresh 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 |
| 512 | Submit & endorse by PM and Statutory 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 |
| 513 | DDA for Water Works - Remaining Fresh 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 |
| 514 | Submit & endorse by PM and Statutory 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 |
| 515 | Pumping Stations, Box Culverts and Intake 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 | | |
| 516 | Prepare AIP for Salt Water and Sewage Pumping Structures (Draft) | 29 days | 29 days | 0 days | 100% | Mon 2/12/19 | Mon 30/12/19 | Mon 2/12/19 | Mon 30/12/19 | Mon 2/12/19 | Mon 30/12/19 | 0 days | 1 day | 4 |
| 517 | Submit & endorse by PM | 11 days | 11 days | 0 days | 100% | Tue 31/12/19 | Fri 10/1/20 | Tue 31/12/19 | Fri 10/1/20 | Tue 31/12/19 | Fri 10/1/20 | 0 days | 0.5 days | 516 |
| 518 | Submit & endorse by Statutory Authorities/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 | |
| 519 | Prepare AIP for Salt Water & Sewage Pumping Structures and ICE certification (Final) | 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+ days |
| 520 | Prepare DDA for Salt Water & Sewage Pumping Structures and ICE certification (Draft) | 45 days | 0 days | 45 days | 0% | Tue 1/9/20 | Thu 15/10/20 | NA | NA | Tue 10/8/21 | Thu 23/9/21 | 343 days | 1 day | 516,518FF+21 days,519FF+70 |
| 521 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Fri 16/10/20 | Fri 4/12/20 | NA | NA | Fri 24/9/21 | Fri 12/11/21 | 343 days | 0.5 days | 520 |
| 522 | Prepare DDA for Salt Water & Sewage Pumping Structures and ICE certification (Final) | 45 days | 0 days | 45 days | 0% | Sat 5/12/20 | Mon 18/1/21 | NA | NA | Sat 13/11/21 | Mon 27/12/21 | 343 days | 0.5 days | 521,519FF |
| 523 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Tue 19/1/21 | Tue 9/3/21 | NA | NA | Tue 28/12/21 | Tue 15/2/22 | 343 days | | 522 |
| 524 | Prepare E&M Works AIP for Sewage Pumping Station (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 | |
| 525 | 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 | 516,524 |
| 526 | Submit & endorse by Statutory Authorities/Gov. Dept | 55 days | 30 days | 25 days | 55% | Thu 23/4/20 | Tue 16/6/20 | Thu 23/4/20 | NA | Thu 23/4/20 | Sun 13/9/20 | 89 days | 2 days | 524,525 |
| 527 | Prepare AIP for Sewage Pumping Station E&M works and ICE certification (Final) | 77 days | 0 days | 77 days | 0% | Wed 17/6/20 | Tue 1/9/20 | NA | NA | Mon 14/9/20 | Sun 29/11/20 | 89 days | 2 days | 526 |
| 528 | Prepare DDA for Sewage Pumping Station 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 |
| 529 | Submit & endorse by PM and Statutory 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 |
| 530 | Prepare DDA for Sewage Pumping Station 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 |
| 531 | Submit & endorse by PM and Statutory 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 |
| 532 | Prepare E&M Works AIP for Salt Water 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 | |
| 533 | 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 |
| 534 | Submit & endorse by Statutory Authorities/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 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

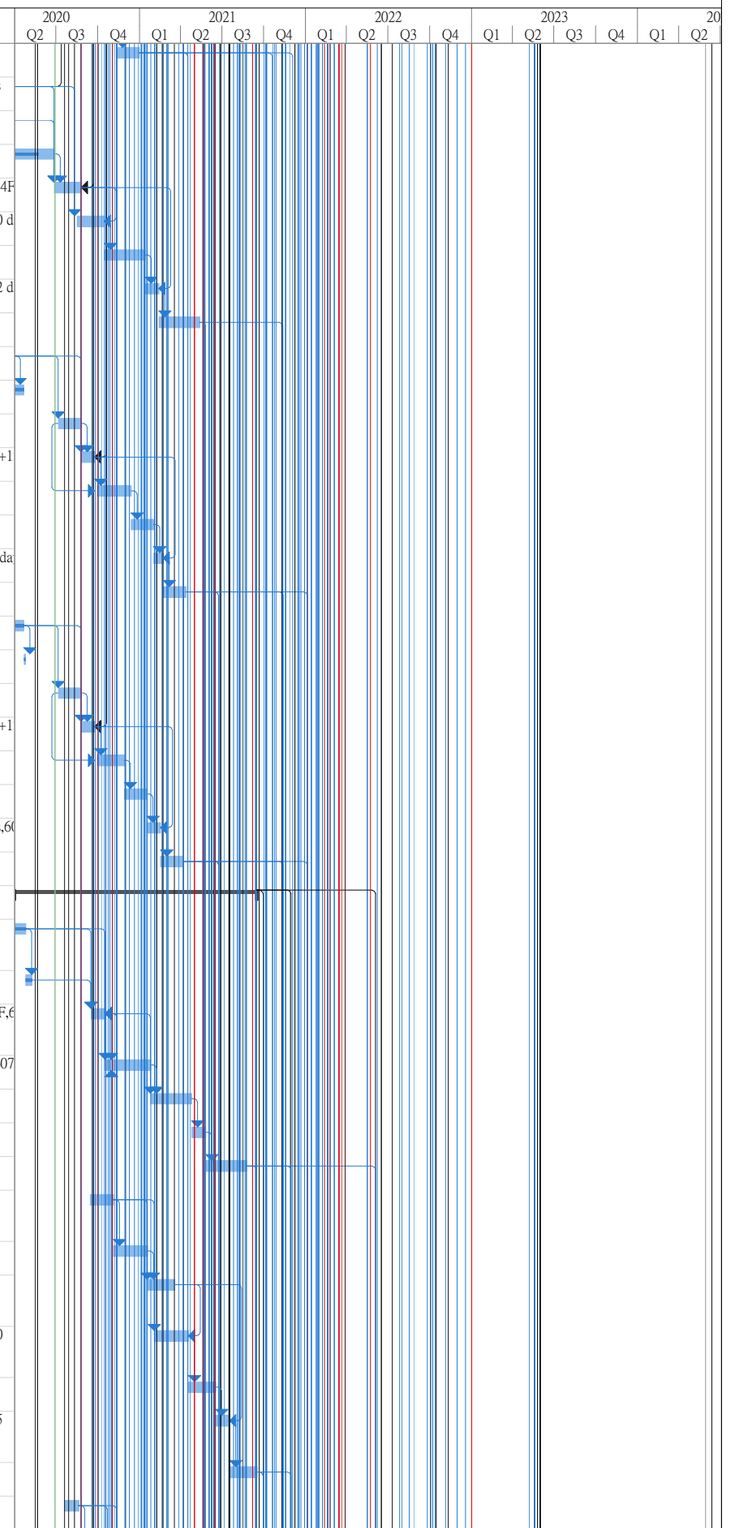
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 535 | Prepare AIP for Salt Water Pumping Station E&M works and ICE certification (Final) | 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 Pumping Station E&M works and ICE certification (Draft) | 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 |
| 537 | Submit to WSD for Plumbing and 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 Statutory 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 Pumping 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 |
| 540 | Submit & endorse by PM and Statutory 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 Salt Water & Sewerage Pumping and ICE certification (Draft) | 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 | | |
| 543 | 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 | AIP for Remaining Works of Salt Water Pumping & Sewage and ICE certification (Final) | 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 | DDA for Remaining Works of Salt Water & Sewage Pumping and ICE certification (Draft) | 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 days |
| 546 | Submit & endorse by PM and Statutory 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 | 545 |
| 547 | DDA for Remaining Works of Salt Water & Sewage Pumping and ICE certification (Final) | 35 days | 0 days | 35 days | 0% | Mon 7/6/21 | Sun 11/7/21 | NA | NA | Sun 16/1/22 | Sat 19/2/22 | 223 days | 3 days | 546,544FF+12 days |
| 548 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 0 days | 75 days | 0% | Mon 12/7/21 | Fri 24/9/21 | NA | NA | Sun 20/2/22 | Thu 5/5/22 | 223 days | 2 days | 547 |
| 549 | AIP for Architectural works of Salt Water & Sewage Pumping and ICE certification (Draft) | 45 days | 0 days | 45 days | 0% | Mon 5/4/21 | Wed 19/5/21 | NA | NA | Mon 3/5/21 | Wed 16/6/21 | 28 days | 1 day | 4 |
| 550 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 0 days | 60 days | 0% | Thu 20/5/21 | Sun 18/7/21 | NA | NA | Thu 17/6/21 | Sun 15/8/21 | 28 days | 0.5 days | 549 |
| 551 | AIP for Architectural works of Salt Water Pumping & Sewage and ICE certification (Final) | 62 days | 0 days | 62 days | 0% | Mon 19/7/21 | Sat 18/9/21 | NA | NA | Mon 16/8/21 | Sat 16/10/21 | 28 days | 2 days | 549,550 |
| 552 | DDA for Architectural works of Salt Water & Sewage Pumping and ICE certification (Draft) | 60 days | 0 days | 60 days | 0% | Fri 20/8/21 | Mon 18/10/21 | NA | NA | Fri 17/9/21 | Mon 15/11/21 | 28 days | 1 day | 549,551FF+30 days |
| 553 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 0 days | 60 days | 0% | Tue 19/10/21 | Fri 17/12/21 | NA | NA | Tue 16/11/21 | Fri 14/1/22 | 28 days | 0.5 days | 552 |
| 554 | DDA for Architectural works of Salt Water & Sewage Pumping and ICE certification (Final) | 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 Statutory 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 Salt Water & Sewage Pumping and ICE certification (Draft) | 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 Statutory 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 Salt Water Pumping & Sewage and ICE certification (Final) | 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 | DDA for Landscaping works of Salt Water & Sewage Pumping and ICE certification (Draft) | 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 Statutory 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 Salt Water & Sewage Pumping and ICE certification (Final) | 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 days,560 |
| 562 | Submit & endorse by PM and Statutory 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 | 561 |
| 563 | AIP for Seawater Intake and Box Culvert Structures for Pumping Station (approx. 160m) (Section 6) Submission (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 |
| 565 | Submit & endorse by Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Sat 23/5/20 | Sat 11/7/20 | NA | NA | Sun 28/3/21 | Sun 16/5/21 | 309 days | 0.5 days | 563 |
| 566 | AIP for Seawater Intake and Box Culvert Structure (Final) | 21 days | 0 days | 21 days | 0% | Sun 12/7/20 | Sat 1/8/20 | NA | NA | Mon 17/5/21 | Sun 6/6/21 | 309 days | 0.5 days | 563,565,564 |
| 567 | DDA for Seawater Intake and Box Culvert Structure (Draft) | 15 days | 0 days | 15 days | 0% | Sat 25/7/20 | Sat 8/8/20 | NA | NA | Sun 30/5/21 | Sun 13/6/21 | 309 days | 1 day | 563,565,564,566 |
| 568 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Sun 9/8/20 | Sun 27/9/20 | NA | NA | Mon 14/6/21 | Mon 2/8/21 | 309 days | 0.5 days | 567 |
| 569 | DDA for Seawater Intake and Box Culvert Structure (Final) | 15 days | 0 days | 15 days | 0% | Mon 28/9/20 | Mon 12/10/20 | NA | NA | Tue 3/8/21 | Tue 17/8/21 | 309 days | 1 day | 567,568,566FF+ |
| 570 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Tue 13/10/20 | Tue 1/12/20 | NA | NA | Wed 18/8/21 | Wed 6/10/21 | 309 days | 0.5 days | 569 |
| 571 | Elevated Landscape Deck Staircase & Associated Work | 714 days | 268.49 days | 445.51 days | 0% | Thu 30/5/19 | Wed 12/5/21 | Thu 30/5/19 | NA | Thu 30/5/19 | Mon 5/7/21 | 54 days | | |
| 572 | Elevated Landscape Deck Superstructure 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 (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 certification (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,5 |
| 577 | Submit & endorse by PM and Statutory 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 certification (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 |




Title: Rev.11 Prog with Progress as of 22-May-20

Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split
Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress
Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress

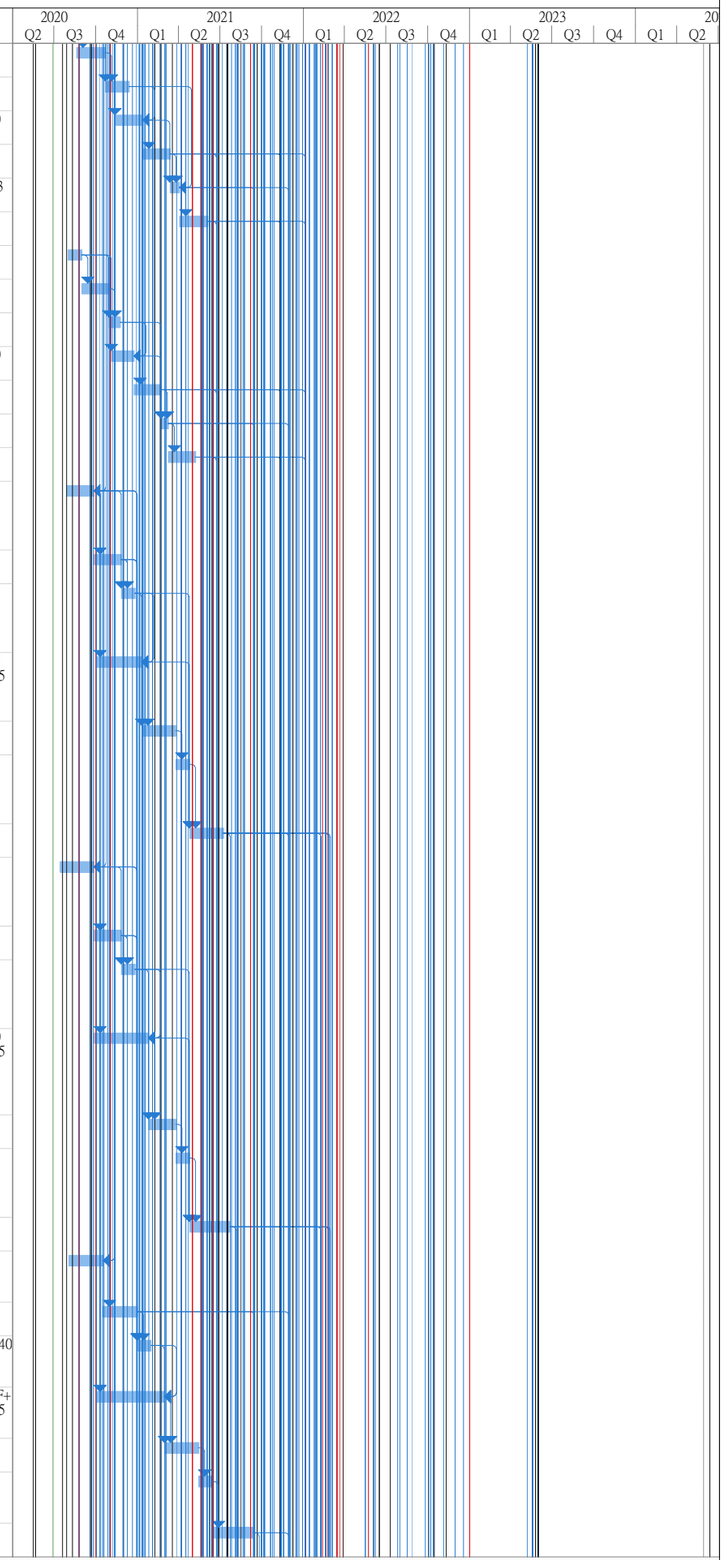
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 579 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Wed 11/11/20 | Wed 30/12/20 | NA | NA | Tue 9/3/21 | Tue 27/4/21 | 118 days | 1 day | 578 |
| 580 | Elevated Landscape Deck - Lift (LT1&LT2)& Staircase include E&M Progvision: AIP and ICE Certification (Draft) | 50 days | 50 days | 0 days | 100% | Mon 7/10/19 | Mon 25/11/19 | Mon 7/10/19 | Mon 25/11/19 | Mon 7/10/19 | Mon 25/11/19 | 0 days | 3 days | 44FF+12 days |
| 581 | Submit & endorse by PM | 21 days | 21 days | 0 days | 100% | Tue 26/11/19 | Mon 16/12/19 | Tue 26/11/19 | 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 | 0 days | 60 days | 0% | Sat 27/6/20 | Tue 25/8/20 | NA | NA | Fri 14/8/20 | Mon 12/10/20 | 48 days | 0 days | 580,581,582,44F |
| 584 | Prepare DDA and ICE certification (Draft) | 60 days | 0 days | 60 days | 0% | Tue 11/8/20 | Wed 14/10/20 | NA | NA | Mon 28/9/20 | Tue 1/12/20 | 48 days | 1 day | 580,583FF+50 d |
| 585 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 90 days | 0 days | 90 days | 0% | Thu 15/10/20 | Tue 12/1/21 | NA | NA | Wed 2/12/20 | Mon 1/3/21 | 48 days | 0.5 days | 584 |
| 586 | Prepare DDA for and ICE certification (Final) | 30 days | 0 days | 30 days | 0% | Wed 13/1/21 | Thu 11/2/21 | NA | NA | Tue 2/3/21 | Wed 31/3/21 | 48 days | 0.5 days | 585,583FF+12 d |
| 587 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 90 days | 0 days | 90 days | 0% | Fri 12/2/21 | Wed 12/5/21 | NA | NA | Thu 1/4/21 | Tue 29/6/21 | 48 days | 2 days | 586 |
| 588 | Elevated Landscape Deck - Open Space AIP Subm (Draft) | 50 days | 50 days | 0 days | 100% | Mon 10/2/20 | Mon 30/3/20 | Mon 10/2/20 | Mon 30/3/20 | Mon 10/2/20 | Mon 30/3/20 | 0 days | 3 days | |
| 589 | Submit & endorse by PM | 21 days | 21 days | 0 days | 100% | Mon 30/3/20 | Mon 20/4/20 | Mon 30/3/20 | Mon 20/4/20 | Mon 30/3/20 | Mon 20/4/20 | 0 days | 0.5 days | 588 |
| 590 | Submit & endorse by Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Mon 6/7/20 | Mon 24/8/20 | NA | NA | Mon 28/9/20 | Mon 16/11/20 | 84 days | 1 days | 588 |
| 591 | Prepare AIP and ICE certification (Final) | 30 days | 0 days | 30 days | 0% | Tue 25/8/20 | Wed 23/9/20 | NA | NA | Tue 17/11/20 | Wed 16/12/20 | 84 days | 2 days | 588,590,44FF+1 |
| 592 | Prepare DDA and ICE certification (Draft) | 75 days | 0 days | 75 days | 0% | Thu 24/9/20 | Sat 12/12/20 | NA | NA | Thu 17/12/20 | Sat 6/3/21 | 84 days | 1 day | 590SS,591 |
| 593 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 50 days | 0 days | 50 days | 0% | Sun 13/12/20 | Sun 31/1/21 | NA | NA | Sun 7/3/21 | Sun 25/4/21 | 84 days | 0.5 days | 592 |
| 594 | 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 |
| 595 | 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 |
| 596 | 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 | |
| 597 | 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 |
| 598 | 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 |
| 599 | 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 |
| 600 | 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 |
| 601 | 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 |
| 602 | 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,60 |
| 603 | 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 |
| 604 | 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 | | |
| 605 | 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 | |
| 606 | 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 |
| 607 | 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 |
| 608 | Prepare DDA for Observation Deck with Lift and Staircase and ICE (Include E&M Provision Works) certification (Draft) | 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 |
| 609 | 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 |
| 610 | Prepare DDA for Observation Deck with Lift and Staircase and ICE (Include E&M Provision Works) certification (Final) | 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 |
| 611 | 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 |
| 612 | 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 | |
| 613 | 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 |
| 614 | 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 |
| 615 | 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 |
| 616 | 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 |
| 617 | 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 |
| 618 | 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 |
| 619 | 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 | |




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 Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

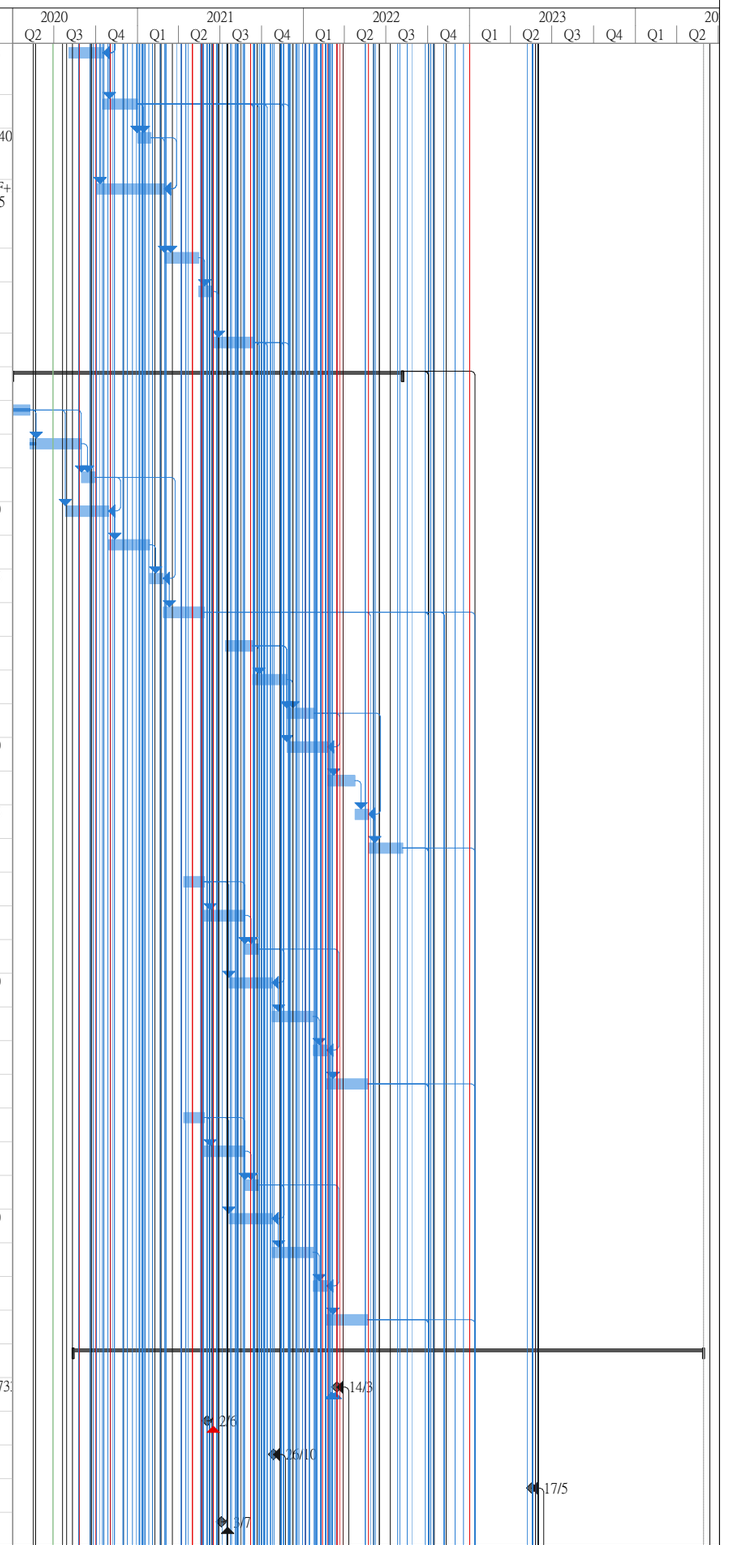
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 620 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 63 days | 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 associated Works (Final) | 52 days | 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 associated Works (Draft) | 61 days | 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 days | 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 associated Works (Final) | 21 days | 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 days | 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 (Draft) | 30 days | 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 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 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 |
| 628 | AIP for Balustrade and Railing of Promenade, Open Space and Assocated Works (Final) | 25 days | 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 |
| 629 | DDA for Balustrade and Railing of Promenade, Open Space and Assocated Works (Draft) | 50 days | 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 days |
| 630 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 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 | 629 |
| 631 | DDA for Balustrade and Railing of Promenade, Open Space and Assocated Works (Final) | 15 days | 0 days | 15 days | 0% | Mon 22/2/21 | Mon 8/3/21 | NA | NA | Thu 22/4/21 | Thu 6/5/21 | 59 days | 1 day | 628,629,630 |
| 632 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 0 days | 60 days | 0% | Tue 9/3/21 | Fri 7/5/21 | NA | NA | Fri 7/5/21 | Mon 5/7/21 | 59 days | 0 days | 631 |
| 633 | Prepare AIP for Permanent Building Works (i.e. Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE certification (Draft) | 60 days | 0 days | 60 days | 0% | Wed 29/7/20 | Sat 26/9/20 | NA | NA | Thu 20/8/20 | Sun 18/10/20 | 22 days | 1 day | 149FF+7 days |
| 634 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 0 days | 60 days | 0% | Sun 27/9/20 | Wed 25/11/20 | NA | NA | Tue 3/11/20 | Fri 1/1/21 | 37 days | 0.5 days | 633 |
| 635 | Prepare AIP for Permanent Building Works (i.e.Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE certification (Final) | 30 days | 0 days | 30 days | 0% | Thu 26/11/20 | Fri 25/12/20 | NA | NA | Sat 2/1/21 | Sun 31/1/21 | 37 days | 0 days | 633,634 |
| 636 | Prepare DDA for Permanent Building Works (i.e. Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE certification (Draft) | 100 days | 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 |
| 637 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 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 |
| 638 | Prepare DDA for Permanent Building Works (i.e. Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) nd ICE certification (Final) | 30 days | 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 |
| 639 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 75 days | 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 |
| 640 | Prepare AIP for Permanent Building E&M Works (i.e. Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE certification (Draft) | 75 days | 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 |
| 641 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 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. Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE certification (Final) | 30 days | 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.Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) and ICE (Include E&M Provision Works) certification (Draft) | 120 days | 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 |
| 644 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 60 days | 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. Ampitheater, Observation Tower, Toilet Block, Light Refreshment Kiosk, Refuse Collection Block, Back of House Building Blocks) nd ICE certification (Final) | 30 days | 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 |
| 646 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 90 days | 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 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 |
| 648 | 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 | 647 |
| 649 | Prepare AIP for Temporary Building 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 | 633,634,648,640 |
| 650 | Prepare DDA for AIP for Temporary Building 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 | 633,640,649FF+ days,151FF+15 days |
| 651 | 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 | 649,650 |
| 652 | Prepare DDA for AIP for Temporary Building 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 | 651 |
| 653 | 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 | 652 |




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 Rollup, Manual Summary, Start-only, Finish-only, External Tasks, External Milestone, Deadline, Critical, Critical Split, Progress, Manual Progress

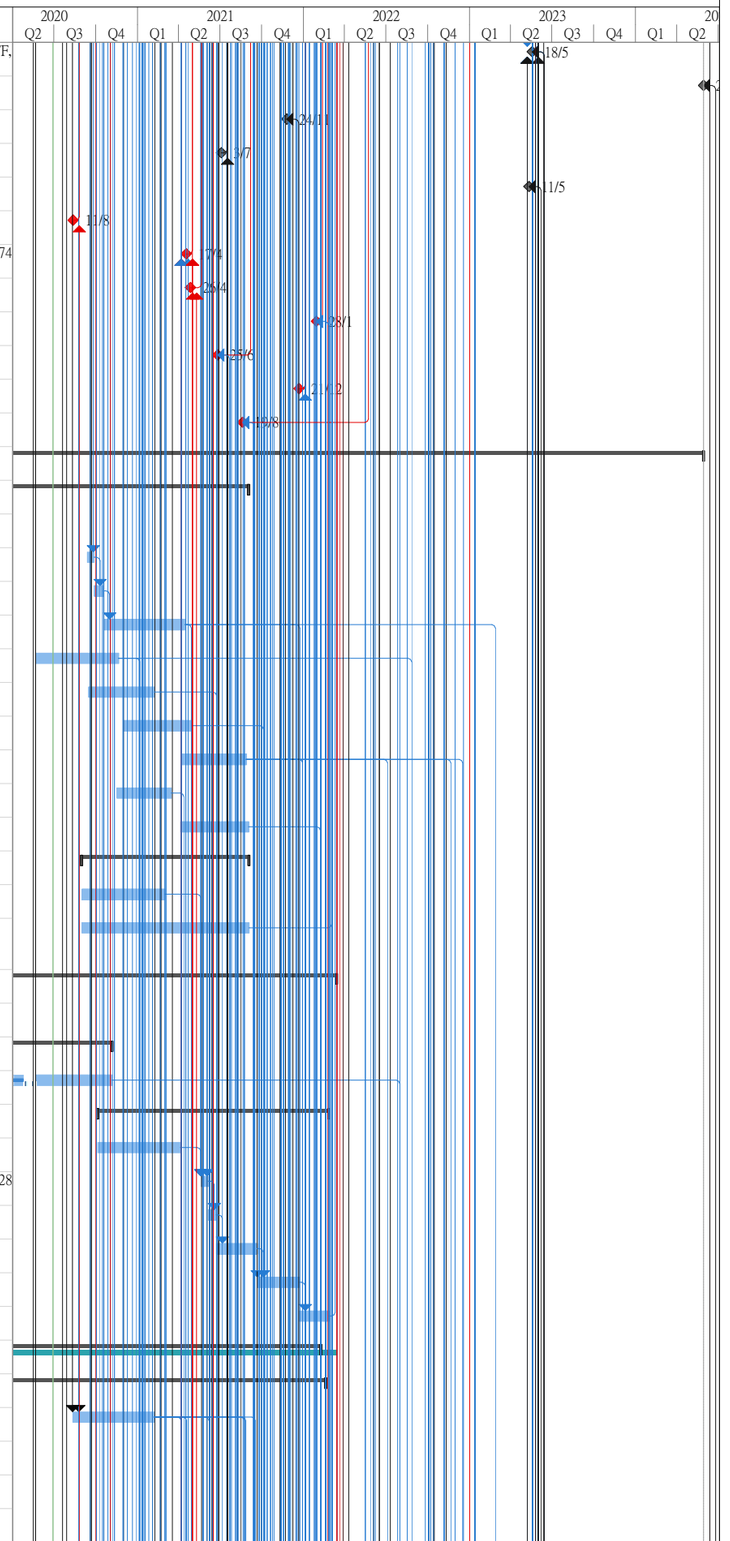
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 654 | Prepare AIP for Temporary 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 |
| 655 | 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 |
| 656 | 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 |
| 657 | 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 |
| 658 | 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 |
| 659 | 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 |
| 660 | 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 |
| 661 | 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 | | |
| 662 | 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 | |
| 663 | 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 |
| 664 | 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 |
| 665 | 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 days |
| 666 | Submit & endorse by PM and Statutory Authorities/Gov. Dept | 90 days | 0 days | 90 days | 0% | Thu 29/10/20 | Tue 26/1/21 | NA | NA | Sat 20/11/21 | Thu 17/2/22 | 387 days | 0.5 days | 665 |
| 667 | 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 days |
| 668 | 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 | 667 |
| 669 | Prepare AIP for irrigation system for all landscaping works and ICE certification (Draft) | 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 | |
| 670 | 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 |
| 671 | Prepare AIP for irrigation system for all landscaping works and ICE certification (Final) | 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 |
| 672 | Prepare DDA for irrigation system for all landscaping works and ICE certification (Draft) | 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 days |
| 673 | 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 | 672 |
| 674 | Prepare DDA for irrigation system for all landscaping works and ICE certification (Final) | 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 days |
| 675 | 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 | 674 |
| 676 | 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 | |
| 677 | 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 |
| 678 | 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 |
| 679 | 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 days |
| 680 | 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 | 679 |
| 681 | 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 days,680 |
| 682 | 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 | 681 |
| 683 | 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 | |
| 684 | 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 |
| 685 | 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 |
| 686 | 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 days |
| 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 | 686 |
| 688 | 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 days,687 |
| 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 | 688 |
| 690 | Work Stage/ Phase - Planned Completion | 1387 days | 0 days | 1387 days | 0% | Tue 11/8/20 | Wed 29/5/24 | NA | NA | Fri 7/8/20 | Wed 29/5/24 | -4 days | | |
| 691 | 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 | 0 days | 1105FF,1438,73 |
| 692 | 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 | 1127 |
| 693 | 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 | 7 days | 0 days | 1172FF |
| 694 | Section 4 | 0 days | 0 days | 0 days | 0% | Wed 17/5/23 | Wed 17/5/23 | NA | NA | Tue 30/5/23 | Tue 30/5/23 | 13 days | 0 days | 1133FF |
| 695 | Section 5 | 0 days | 0 days | 0 days | 0% | Sat 3/7/21 | Sat 3/7/21 | NA | NA | Mon 5/7/21 | Mon 5/7/21 | 2 days | 0 days | 1222 |




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 Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

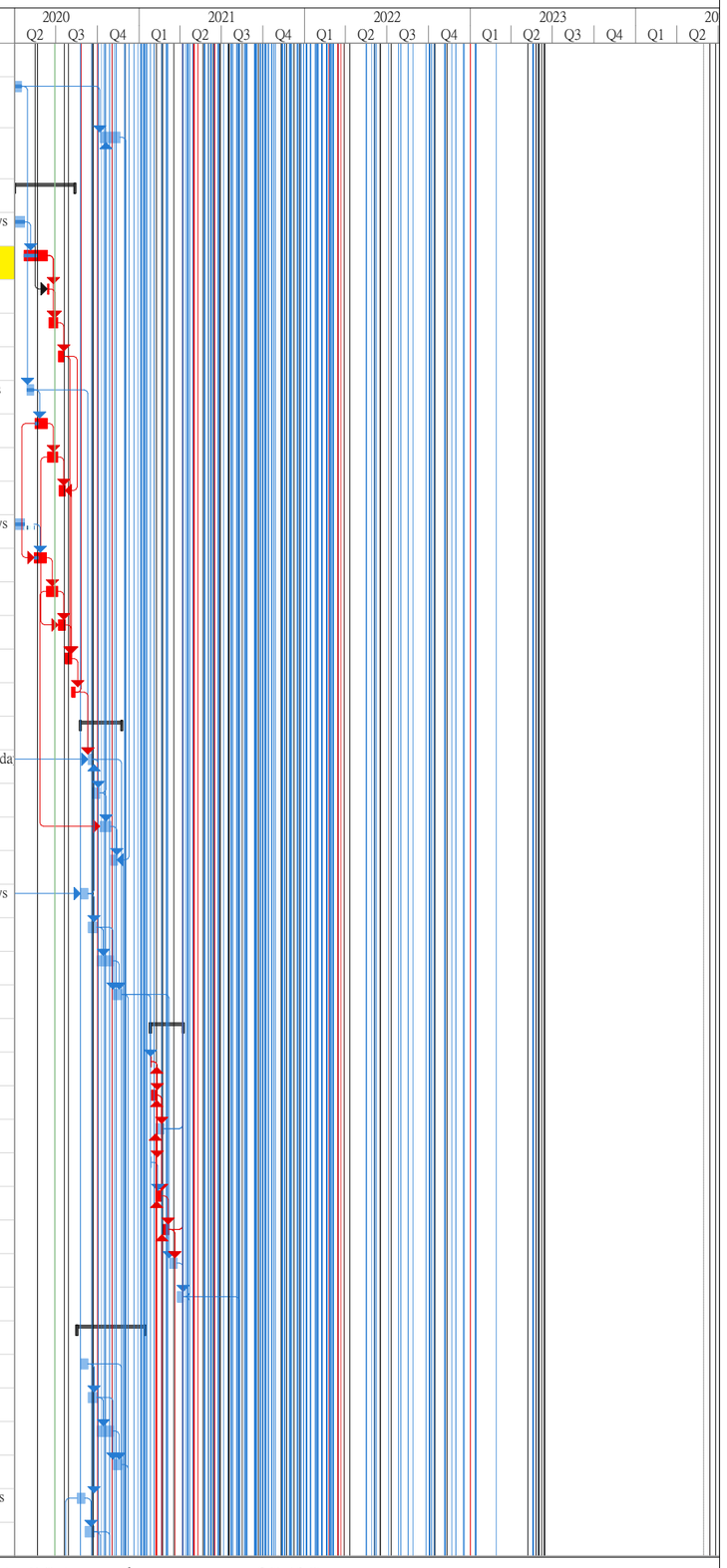
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 696 | Section 6 | 0 days | 0 days | 0 days | 0% | Thu 18/5/23 | Thu 18/5/23 | NA | NA | Tue 30/5/23 | Tue 30/5/23 | 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 |
| 698 | 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 |
| 699 | Section 9 | 0 days | 0 days | 0 days | 0% | Sat 3/7/21 | Sat 3/7/21 | NA | NA | Mon 5/7/21 | Mon 5/7/21 | 2 days | 0 days | 1222 |
| 700 | Section 10 | 0 days | 0 days | 0 days | 0% | Thu 11/5/23 | Thu 11/5/23 | NA | NA | Tue 30/5/23 | Tue 30/5/23 | 19 days | 0 days | 1559FF |
| 701 | KD1 | 0 days | 0 days | 0 days | 0% | Tue 11/8/20 | Tue 11/8/20 | NA | NA | Fri 7/8/20 | Fri 7/8/20 | -4 days | 0 days | 758 |
| 702 | KD2 | 0 days | 0 days | 0 days | 0% | Sat 17/4/21 | Sat 17/4/21 | NA | NA | Sun 18/4/21 | Sun 18/4/21 | 1 day | 0 days | 791,821,771,774 |
| 703 | KD3 | 0 days | 0 days | 0 days | 0% | Mon 26/4/21 | Mon 26/4/21 | NA | NA | Tue 1/6/21 | Tue 1/6/21 | 36 days | 0 days | 822,821 |
| 704 | KD4 | 0 days | 0 days | 0 days | 0% | Fri 28/1/22 | Fri 28/1/22 | NA | NA | Mon 31/1/22 | Mon 31/1/22 | 3 days | 0 days | 1255FF |
| 705 | KD5 | 0 days | 0 days | 0 days | 0% | Fri 25/6/21 | Fri 25/6/21 | NA | NA | Fri 17/9/21 | Fri 17/9/21 | 84 days | 0 days | 1252FF |
| 706 | KD6 | 0 days | 0 days | 0 days | 0% | Tue 21/12/21 | Tue 21/12/21 | NA | NA | Wed 29/12/21 | Wed 29/12/21 | 8 days | 0 days | 883 |
| 707 | KD7 | 0 days | 0 days | 0 days | 0% | Thu 19/8/21 | Thu 19/8/21 | NA | NA | Fri 3/6/22 | Fri 3/6/22 | 288 days | 0 days | 1254FF |
| 708 | Construction Works | 1499 days | 75.67 days | 1423.33 days? | 0% | Thu 16/5/19 | Wed 29/5/24 | Thu 16/5/19 | NA | Thu 16/5/19 | Wed 29/5/24 | 0 days? | | |
| 709 | Procurement of Materials and Equipments | 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 | | |
| 710 | Office Accommodation | 21 days | 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 | 1 day | |
| 711 | Lift Submission Preparation | 15 days | 0 days | 15 days | 0% | Sat 12/9/20 | Sat 26/9/20 | NA | NA | Wed 23/9/20 | Wed 7/10/20 | 11 days | 0.5 days | 173 |
| 712 | Lift Comment & Approval | 21 days | 0 days | 21 days | 0% | Sun 27/9/20 | Sat 17/10/20 | NA | NA | Thu 8/10/20 | Wed 28/10/20 | 11 days | 0.5 days | 711 |
| 713 | Lifts ((5 nos) | 180 days | 0 days | 180 days | 0% | Sun 18/10/20 | Thu 15/4/21 | NA | NA | Thu 29/10/20 | Mon 26/4/21 | 11 days | 30 days | 712 |
| 714 | Pumps for Pump Room next to Underpass | 150 days | 0 days | 150 days | 0% | Sat 23/5/20 | Thu 19/11/20 | NA | NA | Wed 8/7/20 | Tue 5/1/21 | 37 days | 30 days | |
| 715 | Elevated landscape deck soffit panels | 120 days | 0 days | 120 days | 0% | Mon 14/9/20 | Sat 6/2/21 | NA | NA | Thu 4/2/21 | Mon 5/7/21 | 117 days | 30 days | |
| 716 | Underpass & Depressed Rd - facades | 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 | |
| 717 | E & M equipment & fittings (for Open 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 | |
| 718 | 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 | |
| 719 | Pumps for Salt and Sewage Pumping 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 | |
| 720 | 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 | | |
| 721 | TTA Application for Junction Modification 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 | |
| 722 | Interfaced DCS 3 x DN150mm chilled water pipes under contract no. 2852EM17A and 4 nos. of signaling cable along North 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 | |
| 723 | 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 | | |
| 724 | 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 |
| 725 | 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 | | |
| 726 | 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 |
| 727 | Part 1 - Junction Modification Rd L6 & 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 | | |
| 728 | XP Application for Junction Modification 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 | |
| 729 | Stage 1: Trial Pit to locate the existing 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 |
| 730 | Stage 2: Trial Pit to locate the existing underground cables and utilities | 14 days | 0 days | 14 days | 0% | Sat 5/6/21 | Tue 22/6/21 | NA | NA | Wed 9/6/21 | Fri 25/6/21 | 3 days | 1 day | 729 |
| 731 | Stage 3: East Bound + Drop Kerb Modification + Road Marking | 76 days | 0 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 |
| 732 | Stage 4: TTA for Central Divider | 76 days | 0 days | 76 days | 0% | Tue 21/9/21 | Tue 21/12/21 | NA | NA | Sat 25/9/21 | Fri 24/12/21 | 3 days | 1 day | 731,113 |
| 733 | Stage 5: Construct 2 Dividers | 51 days | 0 days | 51 days | 0% | Wed 22/12/21 | Fri 25/2/22 | NA | NA | Tue 28/12/21 | Tue 1/3/22 | 3 days | 1 day | 732 |
| 734 | Bridge D3 (Approach Ramp and Bridge) CH1087-1444.7 | 812 days | 91.74 days | 720.26 days | 0% | Thu 16/5/19 | Mon 7/2/22 | Thu 16/5/19 | NA | Mon 11/11/19 | Wed 29/5/24 | 687 days | | |
| 735 | North Approach Ramp | 636 days | 66.85 days | 569.15 days | 0% | Wed 25/12/19 | Fri 18/2/22 | Wed 25/12/19 | NA | Wed 25/12/19 | Tue 1/3/22 | 9 days | | |
| 736 | Procurement of Movement Joints 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 |
| 737 | Sheetpile Driven along North, Sourth & East Side ELS Cofferdam (assume 169 long) | 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 | |
| 738 | 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 | | |
| 739 | Hoarding Removal along KTSP 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 |




Title: Rev.11 Prog with Progress as of 22-May-20

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split | |
| Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress | |
| Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress | |

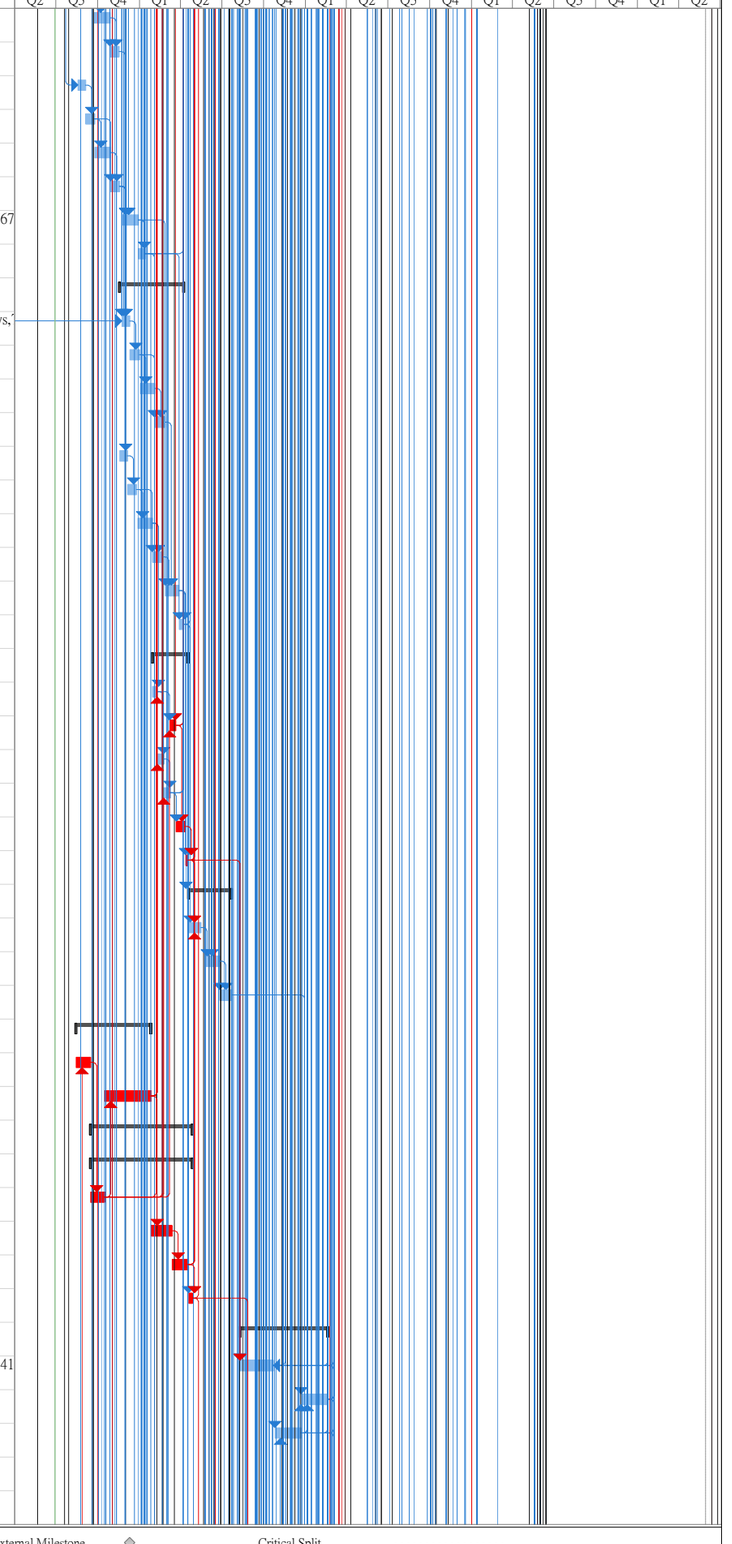
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 740 | Sheetpile Driven along Western ELS Cofferdam (assume 105m long) | 8 days | 8 days | 0 days | 100% | Tue 11/2/20 | Wed 19/2/20 | Tue 11/2/20 | Wed 19/2/20 | Tue 11/2/20 | Wed 19/2/20 | 0 days | 0.5 day | 737,739 |
| 741 | Excavattion with Shoring and Waling Installation with Rock Fill Replacement include Sand Raplacemnet Test 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 Shoring and Waling Installation with Rock Fill Replacement include Sand Raplacemnet Test with PWRL | 37 days | 0 days | 37 days | 0% | Tue 6/10/20 | Wed 18/11/20 | NA | NA | Tue 13/10/20 | Wed 25/11/20 | 6 days | 2 days | 741,761 |
| 743 | North Approach Ramp (Bays No.2,3,4&5) (Next to BEM) (KD1) | 106 days | 34.01 days | 71.99 days | 0% | Wed 1/4/20 | Tue 11/8/20 | Wed 1/4/20 | NA | Wed 1/4/20 | Fri 7/8/20 | -3 days | | |
| 744 | Bay No.3 Base Slab with Blinding (1)+(2) | 15 days | 15 days | 0 days | 100% | Wed 1/4/20 | Wed 22/4/20 | Wed 1/4/20 | Wed 22/4/20 | Wed 1/4/20 | Wed 22/4/20 | 0 days | 0.5 days | 741SS+35 days |
| 745 | Bay No.3: Wall & Column 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 Weather | 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 | Bay No. 3: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab(6)+(7) | 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 | Bay No. 3: Top Slab Construction 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 | Bay No.2: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former) (3)+(4)+(5) | 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 | Bay No. 2: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab (6)+(7) | 18 days | 0 days | 18 days | 0% | Fri 12/6/20 | Sat 4/7/20 | NA | NA | Thu 11/6/20 | Fri 3/7/20 | -1 day | 1 day | 750 |
| 752 | Bay No. 2: Top Slab Construction with Formwork & Falsework Erection(8) | 12 days | 0 days | 12 days | 0% | Wed 8/7/20 | Tue 21/7/20 | NA | NA | Sat 4/7/20 | Fri 17/7/20 | -3 days | 1 day | 751,748FF+2 days |
| 753 | Bay No.4 Base Slab with Blinding (1)+(2) | 15 days | 15 days | 0 days | 100% | Wed 1/4/20 | Wed 13/5/20 | Wed 1/4/20 | Wed 13/5/20 | Wed 1/4/20 | Wed 13/5/20 | 0 days | 1 day | 741SS+35 days |
| 754 | Bay No.4: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former) (3)+(4)+(5) | 22 days | 8 days | 14 days | 36% | Thu 14/5/20 | Tue 9/6/20 | Thu 14/5/20 | NA | Thu 14/5/20 | Tue 9/6/20 | -3 days | 1 day | 753,750SS+7 days |
| 755 | Bay No. 4: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab (6)+(7) | 20 days | 0 days | 20 days | 0% | Wed 10/6/20 | Sat 4/7/20 | NA | NA | Sat 6/6/20 | Tue 30/6/20 | -3 days | 1 day | 754 |
| 756 | Bay No. 4: Top Slab Construction with Formwork & Falsework Erection (8) | 14 days | 0 days | 14 days | 0% | Mon 6/7/20 | Tue 21/7/20 | NA | NA | Thu 2/7/20 | Fri 17/7/20 | -3 days | 1 day | 755,751SS+4 days |
| 757 | Backfill (9) | 12 days | 0 days | 12 days | 0% | Wed 22/7/20 | Tue 4/8/20 | NA | NA | Sat 18/7/20 | Fri 31/7/20 | -3 days | 0.5 days | 756,752,748 |
| 758 | Sheetpile Extraction and Road Reinstatement (10) (KD1) | 6 days | 0 days | 6 days | 0% | Wed 5/8/20 | Tue 11/8/20 | NA | NA | Sat 1/8/20 | Fri 7/8/20 | -3 days | 0.5 days | 757 |
| 759 | North Approach Ramp (Bays No.5 & 6) (Next to BEM) | 92 days | 0 days | 92 days | 0% | Mon 24/8/20 | Mon 23/11/20 | NA | NA | Thu 27/8/20 | Thu 17/12/20 | 3 days | | |
| 760 | Bay No.5 Base Slab with Blinding (1+2) | 8 days | 0 days | 8 days | 0% | Thu 10/9/20 | Fri 18/9/20 | NA | NA | Mon 14/9/20 | Tue 22/9/20 | 3 days | 1 day | 749,753SS+4 da |
| 761 | Bay No.5: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former) (3+4+5) | 12 days | 0 days | 12 days | 0% | Sat 19/9/20 | Mon 5/10/20 | NA | NA | Wed 23/9/20 | Thu 8/10/20 | 3 days | 1 day | 760 |
| 762 | Bay No. 5: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab (6)+(7) | 20 days | 0 days | 20 days | 0% | Tue 6/10/20 | Thu 29/10/20 | NA | NA | Fri 9/10/20 | Mon 2/11/20 | 3 days | 1 day | 761,755SS+4 days |
| 763 | Bay No. 5: Top Slab Construction with Formwork & Falsework Erection & Removal (8) | 12 days | 0 days | 12 days | 0% | Fri 30/10/20 | Thu 12/11/20 | NA | NA | Tue 3/11/20 | Mon 16/11/20 | 3 days | 1 day | 762,227FF |
| 764 | Bay No.6 Base Slab with Blinding (1)+(2) | 15 days | 0 days | 15 days | 0% | Mon 24/8/20 | Wed 9/9/20 | NA | NA | Thu 27/8/20 | Sat 12/9/20 | 3 days | 1 day | 741SS+35 days |
| 765 | Bay No.6: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former) (3)+(4)+(5) | 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 & Column Casted and Formwork & Falsework upto Soffit of Top Slab(6)+(7) | 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 Construction with Formwork & Falsework Erection & Removal (8) | 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 Sheetpile | 9 days | 0 days | 9 days | 0% | Thu 25/3/21 | Wed 7/4/21 | NA | NA | Thu 8/4/21 | Sat 17/4/21 | 9 days | 0.5 days | 775 |
| 777 | North Approach Ramp (Bays No.2,3,4) (Next to KTSP) | 149 days | 0 days | 149 days | 0% | Mon 17/8/20 | Tue 12/1/21 | NA | NA | Tue 25/8/20 | Fri 5/2/21 | 8 days | | |
| 778 | Bay No.3 Base Slab with Blinding (1)+(2) | 15 days | 0 days | 15 days | 0% | Mon 24/8/20 | Wed 9/9/20 | NA | NA | Tue 1/9/20 | Thu 17/9/20 | 7 days | 1 day | |
| 779 | Bay No.3: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former) (3)+(4)+(5) | 17 days | 0 days | 17 days | 0% | Thu 10/9/20 | Tue 29/9/20 | NA | NA | Wed 7/10/20 | Tue 27/10/20 | 21 days | 1 day | 778 |
| 780 | Bay No. 3: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab(6)+(7) | 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 | Bay No. 3: Top Slab Construction with Formwork & Falsework Erection & Removal (8) | 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 | Bay No.2 Base Slab with Blinding (1)+(2) | 15 days | 0 days | 15 days | 0% | Mon 17/8/20 | Wed 2/9/20 | NA | NA | Tue 25/8/20 | Thu 10/9/20 | 7 days | 1 day | 778FS-21 days |
| 783 | Bay No.2: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former) (3)+(4)+(5) | 17 days | 0 days | 17 days | 0% | Thu 3/9/20 | Tue 22/9/20 | NA | NA | Wed 7/10/20 | Tue 27/10/20 | 27 days | 1 day | 782 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

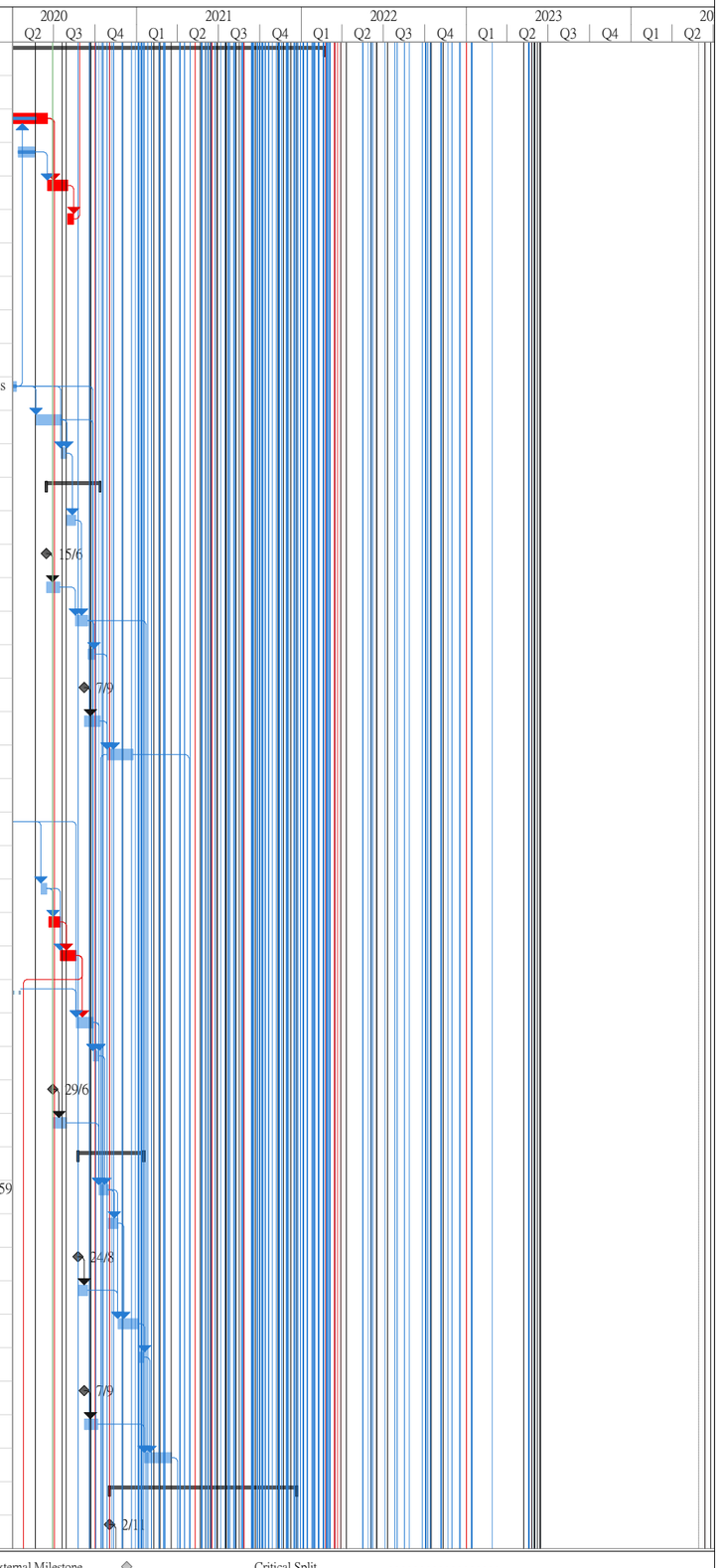
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 784 | Bay No. 2: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab(6)+(7) | 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 | Bay No. 2: Top Slab Construction with Formwork & Falsework Erection & Removal (8) | 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) (3)+(4)+(5) | 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 | Bay No. 4: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab(6)+(7) | 27 days | 0 days | 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 | Bay No. 4: Top Slab Construction with Formwork & Falsework Erection & Removal (8) | 17 days | 0 days | 17 days | 0% | Thu 29/10/20 | Tue 17/11/20 | NA | NA | Fri 6/11/20 | Wed 25/11/20 | 7 days | 1 day | 787,788 |
| 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 |
| 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,7 |
| 794 | Bay No.5: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former) (3)+(4)+(5) | 17 days | 0 days | 17 days | 0% | Thu 10/12/20 | Thu 31/12/20 | NA | NA | Mon 14/12/20 | Tue 5/1/21 | 3 days | 1 day | 793 |
| 795 | Bay No. 5: Wall & Column Casted and Formwork & Falsework upto Soffit of Top Slab(6)+(7) | 27 days | 0 days | 27 days | 0% | Sat 2/1/21 | Tue 2/2/21 | NA | NA | Wed 6/1/21 | Fri 5/2/21 | 3 days | 1 day | 794 |
| 796 | Bay No. 5: Top Slab Construction with Formwork & Falsework Erection & Removal (8) | 17 days | 0 days | 17 days | 0% | Wed 3/2/21 | Thu 25/2/21 | NA | NA | Sat 6/2/21 | Mon 1/3/21 | 3 days | 1 day | 794,795,791 |
| 797 | Bay No.6 Base Slab with Blinding (1)+(2) | 15 days | 0 days | 15 days | 0% | Wed 18/11/20 | Fri 4/12/20 | NA | NA | Thu 26/11/20 | Sat 12/12/20 | 7 days | 1 day | 789 |
| 798 | Bay No.6: Wall & Column with Soffit (upto +4.6mPD) (include Wall Former) (3)+(4)+(5) | 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 of Top Slab(6)+(7) | 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 | Bay No. 6: Top Slab Construction with Formwork & Falsework Erection & Removal (8) | 17 days | 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 | Bay No.5&6: Backfilling upto +3.0mPD | 26 days | 0 days | 26 days | 0% | Fri 26/2/21 | Sat 27/3/21 | NA | NA | Tue 2/3/21 | Wed 31/3/21 | 3 days | 1 day | 790,800,796 |
| 802 | Bay No.5&6: Sheetpile Extraction (KD2) | 6 days | 0 days | 6 days | 0% | Mon 29/3/21 | Wed 7/4/21 | NA | NA | Thu 1/4/21 | Sat 10/4/21 | 3 days | 0.5 days | 801,791 |
| 803 | North Approach Ramp (Bays 7&8) (Next to KTSP) | 79 days | 0 days | 79 days | 0% | Fri 29/1/21 | Sat 17/4/21 | NA | NA | Thu 11/2/21 | Sat 17/4/21 | 0 days | | |
| 804 | Bay 7: Base slab | 9 days | 0 days | 9 days | 0% | Fri 29/1/21 | Mon 8/2/21 | NA | NA | Thu 11/2/21 | Wed 24/2/21 | 11 days | 0.5 days | 816,799 |
| 805 | Bay 7: Wall | 12 days | 0 days | 12 days | 0% | Mon 8/3/21 | Sat 20/3/21 | NA | NA | Mon 8/3/21 | Sat 20/3/21 | 0 days | 1 day | 804,819,774 |
| 806 | Bay 8: Base slab | 9 days | 0 days | 9 days | 0% | Tue 9/2/21 | Mon 22/2/21 | NA | NA | Thu 25/2/21 | Sat 6/3/21 | 11 days | 0.5 days | 804,816 |
| 807 | Bay 8: Wall | 12 days | 0 days | 12 days | 0% | Tue 23/2/21 | Mon 8/3/21 | NA | NA | Mon 8/3/21 | Sat 20/3/21 | 11 days | 1 day | 806,819 |
| 808 | Bays No.7&8: Backfilling | 15 days | 0 days | 15 days | 0% | Mon 22/3/21 | Sat 10/4/21 | NA | NA | Mon 22/3/21 | Sat 10/4/21 | 0 days | 1 day | 807,805 |
| 809 | Bays No.7&8: Extract Sheetpile | 6 days | 0 days | 6 days | 0% | Mon 12/4/21 | Sat 17/4/21 | NA | NA | Mon 12/4/21 | Sat 17/4/21 | 0 days | 1 day | 808,801,802 |
| 810 | CH1087-1189 (100m): North Approach Ramp: Parapet, Central Median & Furniture | 77 days | 0 days | 77 days | 0% | Mon 19/4/21 | Wed 21/7/21 | NA | NA | Thu 23/9/21 | Tue 14/12/21 | 122 days | | 718 |
| 811 | CH1087-1189: Parapet (28m per day per team) x 1 team + 6 day concreting | 23 days | 0 days | 23 days | 0% | Mon 19/4/21 | Sat 15/5/21 | NA | NA | Thu 23/9/21 | Thu 21/10/21 | 130 days | 2 day | 809,776,821 |
| 812 | CH1087-1189: Central Median and Utilties Trough (6m per day per team) x 1 team | 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 | CH1087-1189: Road Furniture | 21 days | 0 days | 21 days | 0% | Sat 26/6/21 | Wed 21/7/21 | NA | NA | Sat 20/11/21 | Tue 14/12/21 | 122 days | 3 days | 812,358 |
| 814 | North Approach Ramp: Bay No. 1 | 135 days | 0 days | 135 days | 0% | Fri 14/8/20 | Mon 25/1/21 | NA | 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 | 0 days | 25 days | 0% | Tue 15/9/20 | Thu 15/10/20 | NA | NA | Tue 15/9/20 | Thu 15/10/20 | 0 days | 1 day | 815 |
| 820 | North Abutment Wall (3.85m thk) | 37 days | 0 days | 37 days | 0% | Tue 26/1/21 | Fri 12/3/21 | NA | NA | Tue 26/1/21 | Fri 12/3/21 | 0 days | 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 days | 60 days | 0% | Tue 10/8/21 | Thu 21/10/21 | NA | NA | Wed 15/12/21 | Tue 1/3/22 | 106 days | 1 day | 776,809,332,341 |
| 825 | CH1444.7-1560 At grade road works | 45 days | 0 days | 45 days | 0% | Wed 22/12/21 | Fri 18/2/22 | NA | NA | Wed 5/1/22 | Tue 1/3/22 | 9 days | 1 day | 1293,826,219 |
| 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 | |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

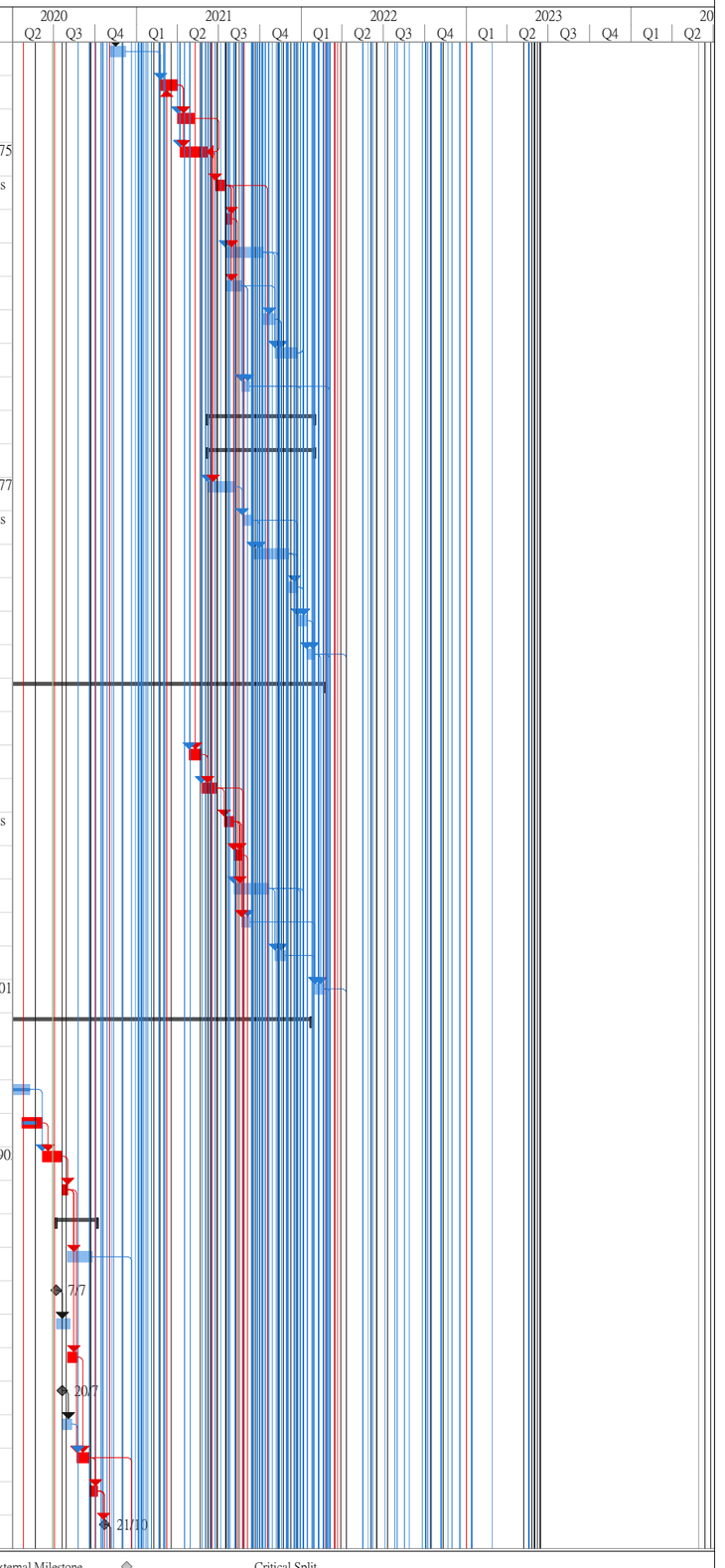
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 829 | Part 3C - CH1229 to CH1279 | 823 days? | 137.51 days | 685.49 days? | 0% | Thu 16/5/19 | Sat 19/2/22 | Thu 16/5/19 | NA | Mon 11/11/19 | Wed 29/5/24 | 676 da... | | |
| 830 | Abutment A01 Piling | 0 days | 0 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 | 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 | 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 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 |
| 834 | Abutment A01: Proof-drilling Works | 11 days | 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 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 | 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 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 | Bored pile (P01-BP2) @ CH1229 by Rig 1 (Contractor Bear DDA Approval Risk) | 44 days | 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 | Bored pile (P01-BP1) @ CH1229 by Rig 1 (Contractor Bear DDA Approval Risk) | 38 days | 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 | Pier P01: Pile Testing (18d curing & 14 test) | 45 days | 0 days | 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 | Pier P01: Proof-drilling Works | 10 days | 0 days | 10 days | 0% | Fri 17/7/20 | Tue 28/7/20 | NA | NA | Thu 27/8/20 | Mon 7/9/20 | 35 days | 1 day | 839,840 |
| 842 | Pile Cap P01 @ CH1229 | 98 days | 0 days | 98 days | 0% | Mon 15/6/20 | Sun 11/10/20 | NA | NA | Sat 29/8/20 | Fri 13/11/20 | 28 days | | |
| 843 | Excavation with Shoring Installation ~2600m3 Prod. Rate: 160m3/day/team | 17 days | 0 days | 17 days | 0% | Wed 29/7/20 | Mon 17/8/20 | NA | NA | Tue 8/9/20 | Sat 26/9/20 | 35 days | 1 day | 841 |
| 844 | Pilecap - Formwork Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Mon 15/6/20 | Mon 15/6/20 | NA | NA | Sat 29/8/20 | Sat 29/8/20 | 75 days | 1 day | |
| 845 | Pilecap - Formwork Design and Method Statement Comment & Appraoval | 30 days | 0 days | 30 days | 0% | Mon 15/6/20 | Tue 14/7/20 | NA | NA | Sat 29/8/20 | Sun 27/9/20 | 75 days | 2 days | 844 |
| 846 | Pilecap structure | 24 days | 0 days | 24 days | 0% | Tue 18/8/20 | Mon 14/9/20 | NA | NA | Mon 28/9/20 | Wed 28/10/20 | 35 days | 1 day | 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 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 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 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 | 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 | 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 |
| 853 | Pier P02 Piling, Pilecap & Pier | 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... | | |
| 854 | Predrilling works for Bored pile (P02-BP2)(Abandoned) @ CH1269 | 11 days | 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 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 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 | 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 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 |
| 859 | Proof-drilling Works | 9 days | 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 day | 839,840,858 |
| 860 | Pile Cap ELS - Temp. Works Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Mon 29/6/20 | Mon 29/6/20 | NA | NA | Tue 22/9/20 | Tue 22/9/20 | 85 days | 1 day | |
| 861 | Pile Cap ELS - Temp. Works Design and Method Statement Comment & Appraoval | 30 days | 0 days | 30 days | 0% | Mon 29/6/20 | Tue 28/7/20 | NA | NA | Tue 22/9/20 | Wed 21/10/20 | 85 days | 1 day | 860 |
| 862 | Pile Cap P02 @ CH1270 | 120 days | 0 days | 120 days | 0% | Mon 24/8/20 | Sat 16/1/21 | NA | NA | Thu 22/10/20 | Fri 29/1/21 | 11 days | | |
| 863 | Drive sheetpile (~75m). Prod. Rate: 5m/day/side/team | 17 days | 0 days | 17 days | 0% | Fri 9/10/20 | Thu 29/10/20 | NA | NA | Thu 22/10/20 | Wed 11/11/20 | 11 days | 2 days | 861,858,140,859 |
| 864 | Excavation ~1677m3 & lateral support. Prod. Rate: 100m3/day/team | 18 days | 0 days | 18 days | 0% | Fri 30/10/20 | Thu 19/11/20 | NA | NA | Thu 12/11/20 | Wed 2/12/20 | 11 days | 1 days | 863 |
| 865 | Pilecap Formwork Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Mon 24/8/20 | Mon 24/8/20 | NA | NA | Thu 12/11/20 | Thu 12/11/20 | 80 days | 1 day | |
| 866 | Pilecap Formwork - Design and Method Statement Comment & Appraoval | 21 days | 0 days | 21 days | 0% | Mon 24/8/20 | Sun 13/9/20 | NA | NA | Thu 12/11/20 | Wed 2/12/20 | 80 days | 1 day | 865 |
| 867 | Pilecap structure | 36 days | 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 days | 0 days | 0% | Mon 7/9/20 | Mon 7/9/20 | NA | NA | Thu 31/12/20 | Thu 31/12/20 | 115 days | 1 day | |
| 870 | Pier - Temp. Works Design and Method Statement Comment & Appraoval | 30 days | 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 | 1 day | 869 |
| 871 | Pier P02 @ CH1270 | 49 days | 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 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 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 | |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

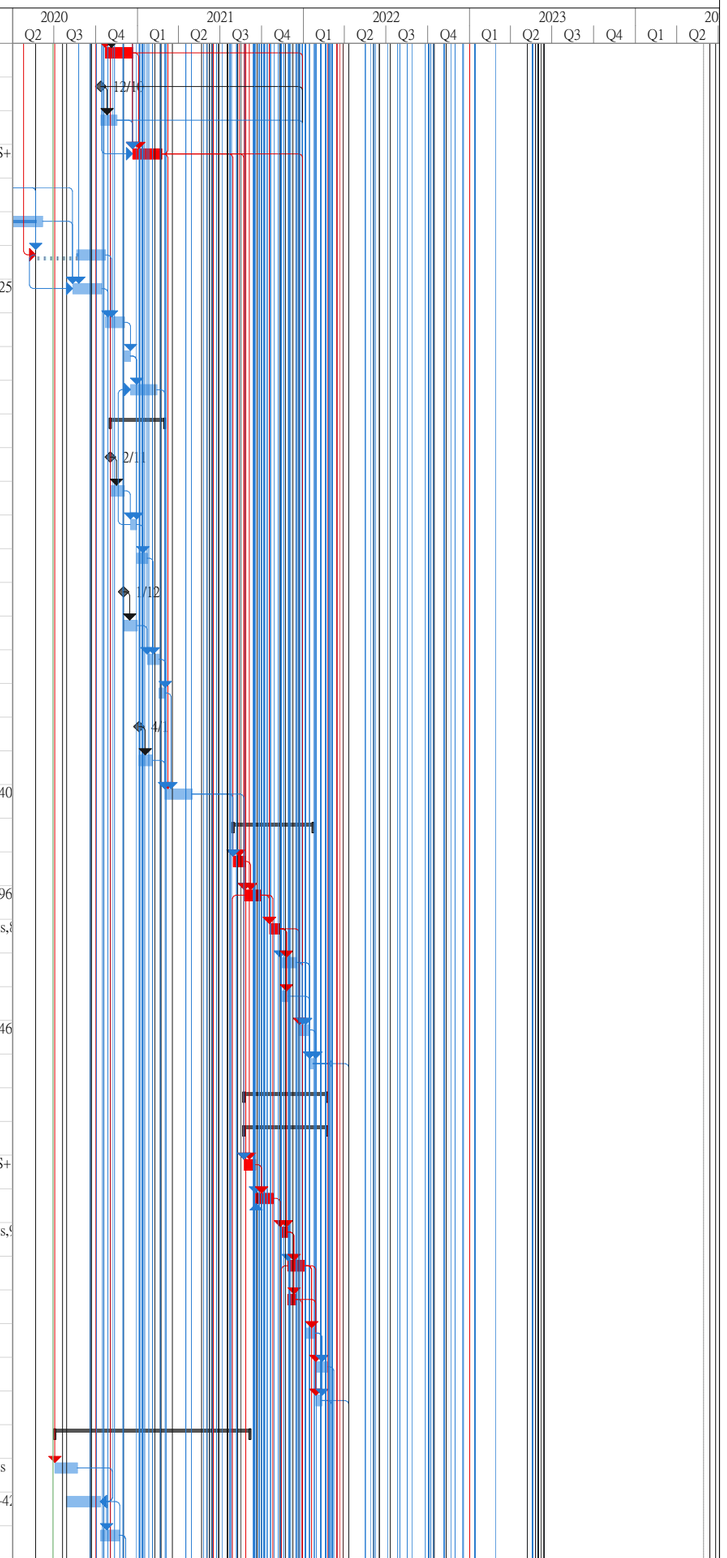
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 874 | Bridge Deck - Temp. Works Design and Method Statement Comment & Appraoval | 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 |
| 875 | CH1229-1311: Deck Falsework erection 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 |
| 876 | CH1229-1311: Deck Falsework 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 |
| 877 | 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 | 475,483,736,875 |
| 878 | 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 |
| 879 | CH1229-1311: Falsework Under 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 |
| 880 | CH1229-1311: Utility Trough (0.67m per day per team) x 4 team | 70 days | 0 days | 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 |
| 881 | CH1229-1311: Central Median (6m per day per team) x 2 team | 31 days | 0 days | 31 days | 0% | Fri 16/7/21 | Fri 20/8/21 | NA | NA | Sat 2/10/21 | Mon 8/11/21 | 65 days | 3 days | 878 |
| 882 | CH1229-1311: Parapet (28m per day per team) x 2 team + 6x2 day concreting | 21 days | 0 days | 21 days | 0% | Fri 8/10/21 | Tue 2/11/21 | NA | NA | Fri 15/10/21 | Mon 8/11/21 | 5 days | 3 days | 880 |
| 883 | CH1229-1311: Removal of Falsework (KD6) | 42 days | 0 days | 42 days | 0% | Wed 3/11/21 | Tue 21/12/21 | NA | NA | Tue 9/11/21 | Wed 29/12/21 | 5 days | 6 days | 880,882,881 |
| 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 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 deck | 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 | 475,483,736,877 |
| 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 Trough (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 | CH1269-1311 : Parapet (28m per day per team) x 1 team + 6 day concreting | 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 Median (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 Furniture | 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 CH1189-1229 | 823 days? | 0 days | 823 days? | 0% | Thu 16/5/19 | Sat 19/2/22 | NA | NA | Tue 27/4/21 | Wed 29/5/24 | 579 da... | | |
| 894 | CH1189-1229: Deck Falsework erection | 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... | | |
| 895 | CH1189-1229: Deck Falsework erection | 22 days | 0 days | 22 days | 0% | Tue 27/4/21 | Mon 24/5/21 | NA | NA | Tue 27/4/21 | Mon 24/5/21 | 0 days | 1 day | 850,822 |
| 896 | CH1189-1229: Structure deck | 27 days | 0 days | 27 days | 0% | Tue 25/5/21 | Fri 25/6/21 | NA | NA | Tue 25/5/21 | Fri 25/6/21 | 0 days | 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 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 Median (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 per 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 | 900,892,358,901 |
| 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 (Contractor Bear DDA Design Risk) (Rig 2) | 36 days | 25 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 | 0 days | 3 day | |
| 907 | Pile Testing (18 curing & 14 test) | 35 days | 0 days | 35 days | 0% | Sat 6/6/20 | Sat 18/7/20 | NA | NA | Sat 6/6/20 | Sat 18/7/20 | 0 days | 3 day | 906FS+1 day,90 |
| 908 | Proof-drilling Works | 11 days | 0 days | 11 days | 0% | Mon 20/7/20 | Fri 31/7/20 | NA | NA | Mon 20/7/20 | Fri 31/7/20 | 0 days | 2 days | 907 |
| 909 | Pile Cap P03 @ CH1311 | 76 days | 0 days | 76 days | 0% | Tue 7/7/20 | Mon 5/10/20 | NA | NA | Fri 31/7/20 | Wed 29/5/24 | 21 days | | |
| 910 | Pile Cap @ CH1311 by Open Cut | 46 days | 0 days | 46 days | 0% | Sat 1/8/20 | Wed 23/9/20 | NA | NA | Wed 28/10/20 | Sat 19/12/20 | 72 days | | 908 |
| 911 | Pilecap Formwork Design and Method Statement Submission | 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 Installation ~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 |
| 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 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 | 0 days | 1 day | 916 |
| 918 | Agree Interface Coordination Plan with CKP-KTW (HY/2014/07) | 14 days | 0 days | 14 days | 0% | Tue 6/10/20 | Wed 21/10/20 | NA | NA | Tue 6/10/20 | Wed 21/10/20 | 0 days | 0 days | 917 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

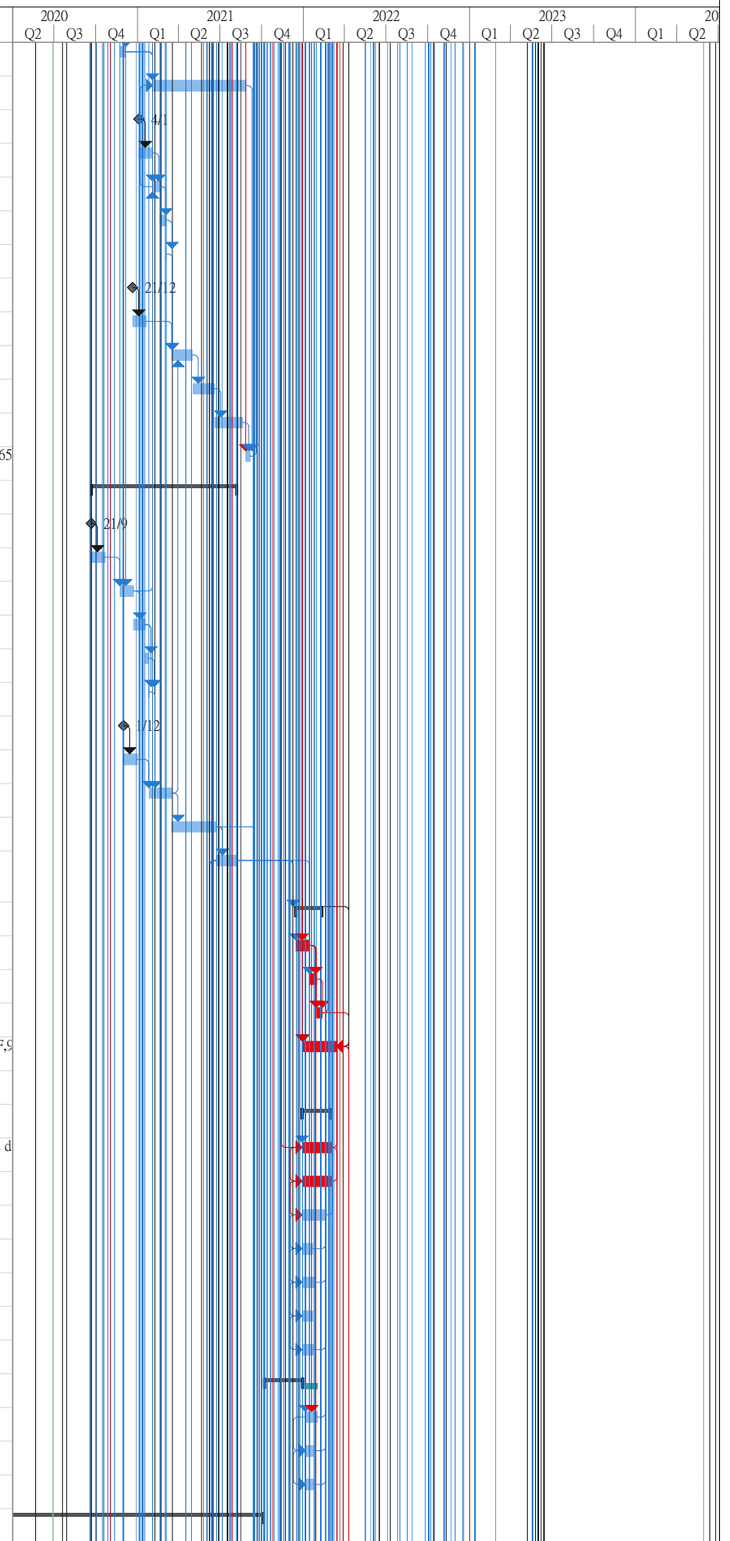
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 919 | Allow access to CKR-KTW contractor for sheet pile wall installation. PS App.1.18 2.7(A)( c) | 60 days | 0 days | 60 days | 0% | Thu 22/10/20 | Sun 20/12/20 | NA | NA | Thu 22/10/20 | Sun 20/12/20 | 0 days | 0 days | 917,918 |
| 920 | Pier - Temp. Works Design and 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 | |
| 921 | Pier - Temp. Works Design and 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 |
| 922 | 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 dia. 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) @ CH1351 (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) @ CH1351 (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 |
| 927 | Pile Testing (14d curing & 14 test) | 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 days | 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 ELS | 47 days | 0 days | 47 days | 0% | Wed 16/12/20 | Thu 11/2/21 | NA | NA | Thu 1/4/21 | Mon 31/5/21 | 85 days | | 933SS,928 |
| 930 | Pile Cap @ CH1351 | 97 days | 0 days | 97 days | 0% | Mon 2/11/20 | Mon 1/3/21 | NA | NA | Tue 16/2/21 | Mon 31/5/21 | 73 days | | |
| 931 | Pilecap ELS- Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Mon 2/11/20 | Mon 2/11/20 | NA | NA | Tue 16/2/21 | Tue 16/2/21 | 106 days | 1 day | |
| 932 | Pilecap ELS - Design and Method Statement Comment & Appraoval | 30 days | 0 days | 30 days | 0% | Mon 2/11/20 | Tue 1/12/20 | NA | NA | Tue 16/2/21 | Wed 17/3/21 | 106 days | 1 day | 931 |
| 933 | Drive sheetpile (~75m). Prod. 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 Installation ~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 - Design 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 pile | 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 and 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 and 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 CH1311-1351 | 145 days | 0 days | 145 days | 0% | Fri 30/7/21 | Fri 21/1/22 | NA | NA | Fri 30/7/21 | Sat 29/1/22 | 0 days | 1 day | |
| 943 | CH1311-1351: Deck Falsework erection | 21 days | 0 days | 21 days | 0% | Fri 30/7/21 | Mon 23/8/21 | NA | NA | Fri 30/7/21 | Mon 23/8/21 | 0 days | 3 days | 941,922,879 |
| 944 | CH1311-1351: Structure deck | 30 days | 0 days | 30 days | 0% | Tue 24/8/21 | Tue 28/9/21 | NA | NA | Tue 24/8/21 | Tue 28/9/21 | 0 days | 5 days | 475,483,736,896 |
| 945 | CH1311-1351: Prestressing | 21 days | 0 days | 21 days | 0% | Mon 18/10/21 | Wed 10/11/21 | NA | NA | Mon 18/10/21 | Wed 10/11/21 | 0 days | 3 days | 944FS+14 days,8 |
| 946 | CH1311-1351: Utility Trough (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 | NA | Fri 26/11/21 | Mon 3/1/22 | 13 days | 0.5 day | 219,880,945 |
| 947 | CH1311-1351: Central Median (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 (28m 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 Furniture | 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 Falsework 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 deck | 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 | 0 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 | CH1351 - CH1386: Central Median (6m per day per team) x 1 team | 15 days | 0 days | 15 days | 0% | Sat 27/11/21 | Tue 14/12/21 | NA | NA | Sat 27/11/21 | Tue 14/12/21 | 0 days | 3 days | 954 |
| 957 | CH1351 - CH1386: Parapet (28m per day per team) x 1 team + 6 day concreting | 20 days | 0 days | 20 days | 0% | Wed 5/1/22 | Thu 27/1/22 | NA | NA | Wed 12/1/22 | Mon 7/2/22 | 6 days | 4 days | 955 |
| 958 | CH1351-1386 Falsework removal | 19 days | 0 days | 19 days | 0% | Fri 28/1/22 | Tue 22/2/22 | NA | NA | Tue 8/2/22 | Tue 1/3/22 | 6 days | 1 day | 955,957 |
| 959 | CH1351 - CH1386: Road Furniture (Section 1) | 8 days | 0 days | 8 days | 0% | Fri 28/1/22 | Wed 9/2/22 | NA | NA | Mon 14/2/22 | Tue 22/2/22 | 11 days | 2 day | 956,358,957 |
| 960 | Part 1 - CH1386 to CH1394 South Abutment | 352 days | 0 days | 352 days | 0% | Fri 3/7/20 | Sat 4/9/21 | NA | NA | Sat 25/7/20 | Thu 16/9/21 | 10 days | | |
| 961 | Bored Pile (A02-BP2) @ CH1386 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) @ CH1386 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 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

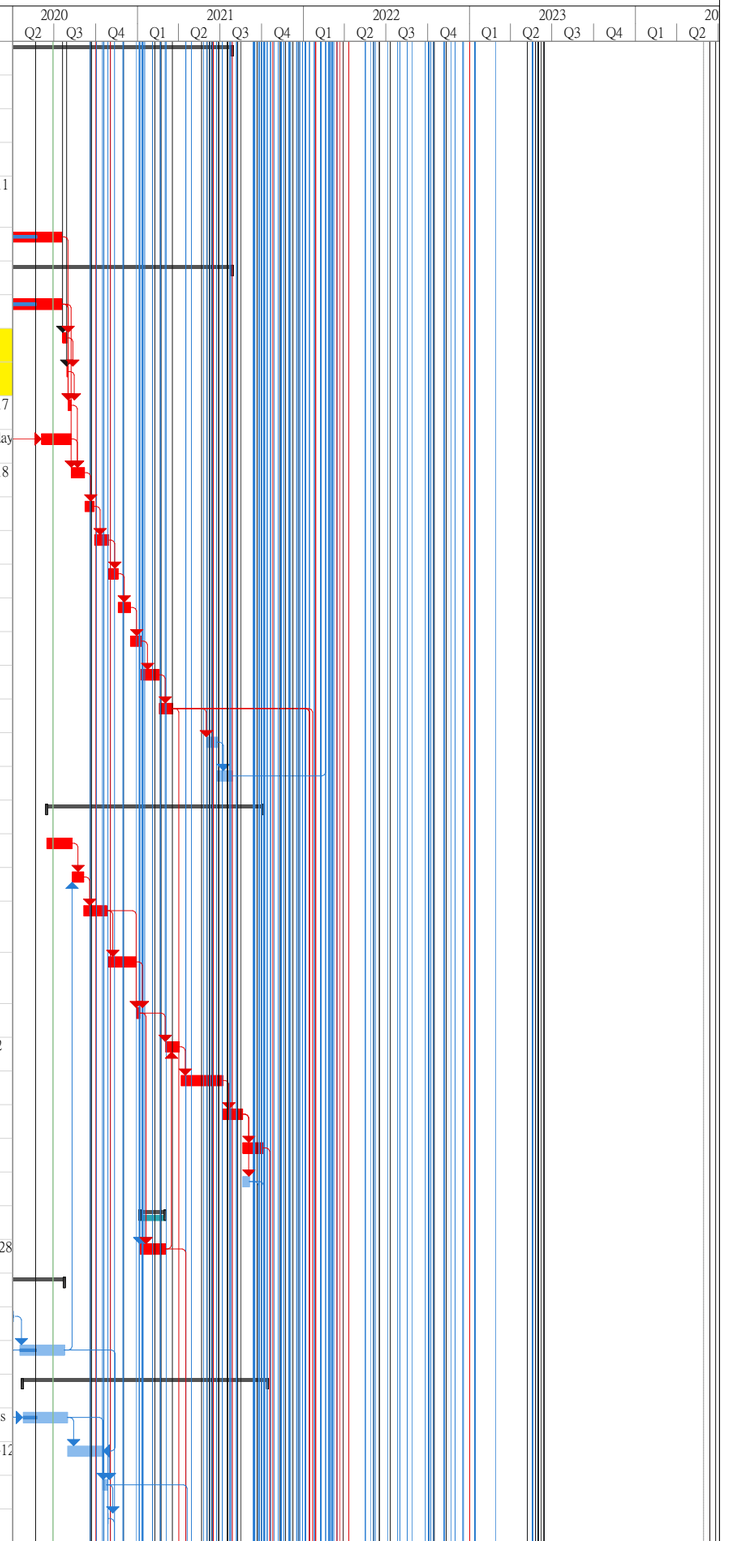
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 964 | Proof-drilling Works | 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,964 |
| 966 | South Abutment ELS- Design 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 | |
| 967 | South Abutment ELS - Design 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 |
| 968 | Drive sheetpile (~900m) Prod. 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 | 964,967,980 |
| 969 | Excavation ~1,344m3 & lateral 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 |
| 970 | 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 |
| 971 | South Abutment Formwork- 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 | |
| 972 | South Abutment Formwork - Design and Method Statement Comment & Appraoval | 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 |
| 973 | 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 | 970,972,986 |
| 974 | Wall (3.85m thk). Prod. Rate: 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 |
| 975 | Wall (0.5m thk) | 52 days | 0 days | 52 days | 0% | Sat 19/6/21 | Thu 19/8/21 | NA | NA | Fri 9/7/21 | Tue 7/9/21 | 16 days | 2 days | 974 |
| 976 | Install bridge bearing | 8 days | 0 days | 8 days | 0% | Fri 27/8/21 | Sat 4/9/21 | NA | NA | Wed 8/9/21 | Thu 16/9/21 | 10 days | 1 day | 975,736,822,965 |
| 977 | South Approach Ramp - CH1394-1444.7 - Total 8 bays (4 bay/side) | 259 days | 0 days | 259 days | 0% | Mon 21/9/20 | Fri 6/8/21 | NA | NA | Sun 15/11/20 | Sat 4/12/21 | 45 days | | |
| 978 | South Approach Ramp ELS - Temp. Works Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Mon 21/9/20 | Mon 21/9/20 | NA | NA | Sun 15/11/20 | Sun 15/11/20 | 55 days | 1 day | |
| 979 | South Approach Ramp ELS - Temp. Works Design and Method Statement Comment & Approval | 30 days | 0 days | 30 days | 0% | Mon 21/9/20 | Tue 20/10/20 | NA | NA | Sun 15/11/20 | Mon 14/12/20 | 55 days | 1 day | 978 |
| 980 | Drive sheetpile (~240m) Prod. Rate: 10m/d/team | 26 days | 0 days | 26 days | 0% | Mon 23/11/20 | Tue 22/12/20 | NA | NA | Tue 15/12/20 | Sat 16/1/21 | 19 days | 2 days | 979,962,963 |
| 981 | Excavation ~2,688m3 & lateral support. Prod. Rate: 160m3/day/team | 19 days | 0 days | 19 days | 0% | Wed 23/12/20 | Sat 16/1/21 | NA | NA | Mon 18/1/21 | Mon 8/2/21 | 19 days | 2 days | 980 |
| 982 | 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 |
| 983 | 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 |
| 984 | Sourth Approach - Formworks 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 | |
| 985 | South Approach Ramp Formworks Design and Method Statement Comment & Appraoval | 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 |
| 986 | 6 x Base Slab Prod. Rate: 12d/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 | 983,985,244 |
| 987 | 6 x Wall. Prod. Rate: 12d/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 |
| 988 | Backfilling ~4,765.89m3 within approach ramp to formation level (160m3/day) +12d shoring removal x 2 (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 |
| 989 | CH1386-1444: South Approach 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 |
| 990 | CH1386-1444: Central Median and Utilities Trough (5m per day per team) x 1 team | 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 |
| 991 | CH1386-1444: Parapet (10m per day per team) x 2 team + 2 team x 6 day concreting | 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 | 988,253,990 |
| 992 | CH1386-1444: Road Furniture | 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 | 990,358,991 |
| 993 | CH1087 - 1444: Bitumen Paving 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 | 813,884,892FF,9 |
| 994 | 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... | | |
| 995 | CH1087-1311 (224m): Utility Laying (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 | | |
| 996 | CLP (132kV) | 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 | 1 day | 899,955SS+32 d |
| 997 | CLP (11kV) | 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 | 1 day | 996SS |
| 998 | HKCG | 53 days | 0 days | 53 days | 0% | Wed 29/12/21 | Sat 19/2/22 | NA | NA | Sat 8/1/22 | Tue 1/3/22 | 10 days | 1 day | 997SS |
| 999 | CATV | 23 days | 0 days | 23 days | 0% | Wed 29/12/21 | Thu 20/1/22 | NA | NA | Thu 3/2/22 | Fri 25/2/22 | 36 days | 1 day | 998SS |
| 1000 | Towngas telecom | 27 days | 0 days | 27 days | 0% | Wed 29/12/21 | Mon 24/1/22 | NA | NA | Thu 3/2/22 | Tue 1/3/22 | 36 days | 1 day | 999SS |
| 1001 | PCCW-HKT | 23 days | 0 days | 23 days | 0% | Wed 29/12/21 | Thu 20/1/22 | NA | NA | Sun 6/2/22 | Mon 28/2/22 | 39 days | 1 day | 1000SS |
| 1002 | Fresh and Salt Watermains (by POC) | 24 days | 0 days | 24 days | 0% | Wed 29/12/21 | Fri 21/1/22 | NA | NA | Sun 6/2/22 | Tue 1/3/22 | 39 days | 1 day | 1001SS |
| 1003 | CH1311-1396 (85m): Utility Laying (by Others) (Agreed) | 84 days | 0 days | 84 days | 0% | Thu 7/10/21 | Wed 29/12/21 | NA | NA | Fri 4/2/22 | Tue 1/3/22 | 62 days | | |
| 1004 | 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 day | 899,955 |
| 1005 | 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 |
| 1006 | 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 |
| 1007 | 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 | | |




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 Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

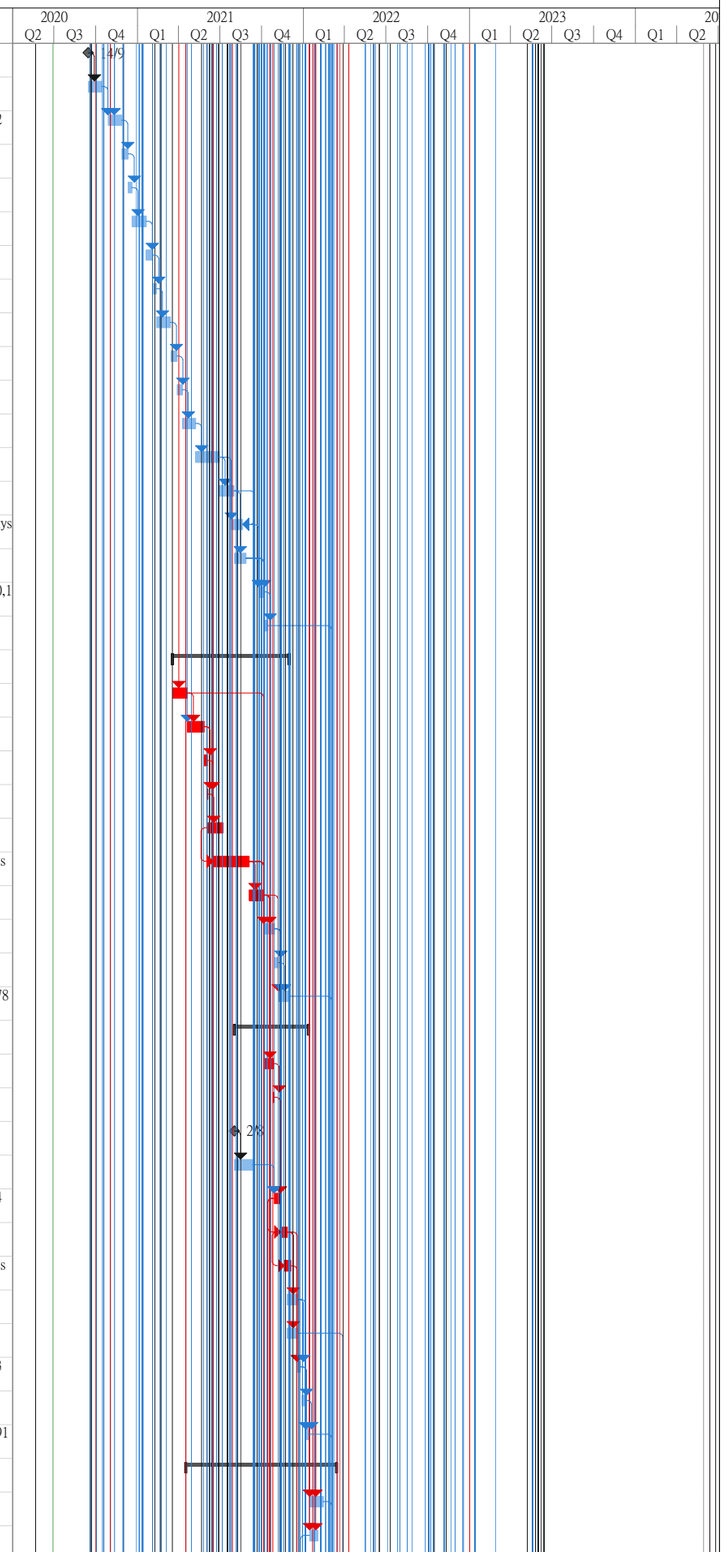
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1008 | North Depressed Rd (CH1560-1720) | 562 days | 211.42 days | 350.58 days | 0% | Tue 3/9/19 | Tue 27/7/21 | Tue 3/9/19 | NA | Tue 3/9/19 | Tue 1/3/22 | 177 days | | |
| 1009 | Ground Monitoring Works | 17 days | 17 days | 0 days | 100% | Tue 3/9/19 | Thu 19/9/19 | Tue 3/9/19 | Thu 19/9/19 | Tue 3/9/19 | Thu 19/9/19 | 0 days | 2 days | |
| 1010 | Mobilization | 7 days | 7 days | 0 days | 100% | Fri 1/11/19 | Fri 8/11/19 | Fri 1/11/19 | Fri 8/11/19 | Fri 1/11/19 | Fri 8/11/19 | 0 days | 0 days | |
| 1011 | Complete the Diveration of Existing Overhang Cable along the North Depressed Rd | 1 day | 1 day | 0 days | 100% | Sat 26/10/19 | Sat 26/10/19 | Sat 26/10/19 | Sat 26/10/19 | Sat 26/10/19 | Sat 26/10/19 | 0 days | 0.5 days | |
| 1012 | 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 |
| 1013 | 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 |
| 1014 | 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 | | |
| 1015 | Excavation with Shoring Installation - Prod Rate: 270m3/d/team. (~36,611m3). 1 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 | -11 days | 1 day | 1012 |
| 1016 | CNCE No. 73 - April 2020 Inclement Weather | 8 days | 0 days | 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 |
| 1017 | May 2020 - Inclement Weather | 3 days | 0 days | 3 days | 0% | Wed 29/7/20 | Fri 31/7/20 | NA | NA | Thu 16/7/20 | Sat 18/7/20 | -11 days | | 1016,74 |
| 1018 | Rock Fill Replacement (Final Level) | 6 days | 0 days | 6 days | 0% | Sat 1/8/20 | Fri 7/8/20 | NA | NA | Mon 20/7/20 | Sat 25/7/20 | -11 days | | 1013,1015,1017 |
| 1019 | 6 Bay Base Slabs + 3 Levels Wall Both Sides | 55 days | 0 days | 55 days | 0% | Wed 3/6/20 | Fri 7/8/20 | NA | NA | Thu 21/5/20 | Sat 25/7/20 | -11 days | | 1015SS+107 day |
| 1020 | Base Slab and Wall Below 4th Level Shoring | 25 days | 0 days | 25 days | 0% | Sat 8/8/20 | Sat 5/9/20 | NA | NA | Mon 27/7/20 | Mon 24/8/20 | -11 days | 0.5 days | 1019,1015,1018 |
| 1021 | Backfilling and 4th Level Shoring Removal | 18 days | 0 days | 18 days | 0% | Mon 7/9/20 | Sat 26/9/20 | NA | NA | Tue 25/8/20 | Mon 14/9/20 | -11 days | | 1020 |
| 1022 | Wall Construction (between 3rd and 4th levels shoring) and Remaining Base Slab | 24 days | 0 days | 24 days | 0% | Mon 28/9/20 | Wed 28/10/20 | NA | NA | Tue 15/9/20 | Wed 14/10/20 | -11 days | | 1021 |
| 1023 | Backfilling and 3rd Level Shoring Removal | 18 days | 0 days | 18 days | 0% | Thu 29/10/20 | Wed 18/11/20 | NA | NA | Thu 15/10/20 | Thu 5/11/20 | -11 days | | 1022 |
| 1024 | 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 |
| 1025 | 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 |
| 1026 | 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 |
| 1027 | 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 |
| 1028 | 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 |
| 1029 | 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 |
| 1030 | 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 | | |
| 1031 | 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 | |
| 1032 | 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 |
| 1033 | CH1720 - CH1850 (130m long) (2 x teams) Top Portion: Excavation with Shoring Installation = 23,000 cu.m. (320m3/d/team x 2) | 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 |
| 1034 | 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 |
| 1035 | 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 day | 1033,1034 |
| 1036 | Base Slab - 8 bays. Prod. Rate: 12d/team/bay include pipe laying. 4 teams | 26 days | 0 days | 26 days | 0% | Wed 3/3/21 | Thu 1/4/21 | NA | NA | Wed 3/3/21 | Thu 1/4/21 | 0 days | 2 day | 1035,1042,262 |
| 1037 | Wall - 8 bays. Prod. Rate: 3 level of shoring 12d/bay/level/team. 4 teams | 75 days | 0 days | 75 days | 0% | Tue 6/4/21 | Tue 6/7/21 | NA | NA | Tue 6/4/21 | Tue 6/7/21 | 0 days | 3 days | 1036 |
| 1038 | Top Slab - 8 bays. Prod. Rate: 18d/team/bay, 4 teams | 38 days | 0 days | 38 days | 0% | Wed 7/7/21 | Thu 19/8/21 | NA | NA | Wed 7/7/21 | Thu 19/8/21 | 0 days | 2 day | 1037 |
| 1039 | Falsework Removal | 37 days | 0 days | 37 days | 0% | Fri 20/8/21 | Mon 4/10/21 | NA | NA | Fri 20/8/21 | Mon 4/10/21 | 0 days | 2 day | 1038 |
| 1040 | Sheetpile Extraction and Backfill | 13 days | 0 days | 13 days | 0% | Fri 20/8/21 | Fri 3/9/21 | NA | NA | Fri 17/9/21 | Mon 4/10/21 | 24 days | 1 day | 1038 |
| 1041 | Underground Plant Room next to Underpass | 45 days | 0 days | 45 days | 0% | Wed 6/1/21 | Tue 2/3/21 | NA | NA | Wed 6/1/21 | Tue 2/3/21 | 0 days | | |
| 1042 | Underground pump house structure | 45 days | 0 days | 45 days | 0% | Wed 6/1/21 | Tue 2/3/21 | NA | NA | Wed 6/1/21 | Tue 2/3/21 | 0 days | 3 day | 714,1035,262,28 |
| 1043 | Underpass & South Depressed Road CH1850-1950 - (100m long) 8 bays x 13.5m long | 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 | | |
| 1044 | 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 | |
| 1045 | 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 |
| 1046 | 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 | | |
| 1047 | Excavation with Shoring Installation (Upper Portion) - Prod. Rate: 270m3/d/team. 1 team 16,000m3) | 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 |
| 1048 | Excavation with Shoring Installation (Lower Portion) - Prod. Rate: 270m3/d/team. 1 team 16,000m3) | 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 days |
| 1049 | 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 | 1047,1048 |
| 1050 | 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 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

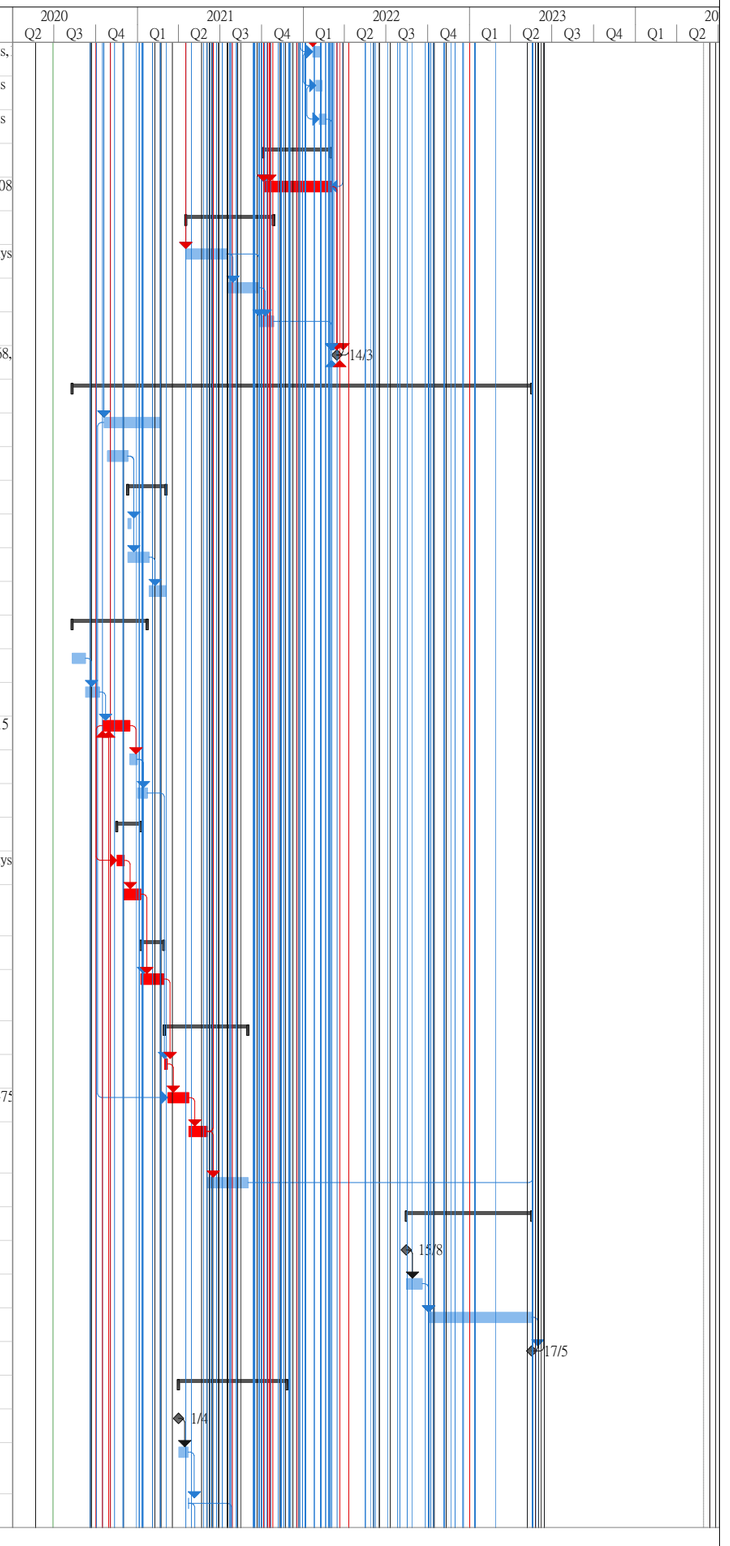
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1051 | Underpass Formworks Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Mon 14/9/20 | Mon 14/9/20 | NA | NA | Tue 3/11/20 | Tue 3/11/20 | 50 days | 1 day | |
| 1052 | Underpass Formworks Design and Method Statement Comment & Appraoval | 30 days | 0 days | 30 days | 0% | Mon 14/9/20 | Tue 13/10/20 | NA | 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 | 0 days | 26 days | 0% | Wed 28/10/20 | Thu 26/11/20 | NA | 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 | 0 days | 9 days | 0% | Fri 24/9/21 | Tue 5/10/21 | NA | NA | Fri 11/2/22 | Mon 21/2/22 | 112 days | 1 day | 323,1066,1040,1 |
| 1068 | Parapet installation | 7 days | 0 days | 7 days | 0% | Wed 6/10/21 | Wed 13/10/21 | NA | 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 layers of shoring | 209 days | 0 days | 209 days | 0% | Fri 19/3/21 | Mon 29/11/21 | NA | NA | Sat 6/3/21 | Tue 1/3/22 | -11 days | | |
| 1070 | Drive sheet pile ( approx. 8,800m embedded length sheetpile), 380m/team/day | 24 days | 0 days | 24 days | 0% | Fri 19/3/21 | Mon 19/4/21 | NA | NA | Sat 6/3/21 | Tue 6/4/21 | -11 days | 1 day | 1027 |
| 1071 | Excavation with Shoring Installation - Prod. Rate: 2 teams x 250m3/d/team. (14,500m3) | 30 days | 0 days | 30 days | 0% | Tue 20/4/21 | Wed 26/5/21 | NA | NA | Wed 7/4/21 | Wed 12/5/21 | -11 days | 1 day | 1049,1070 |
| 1072 | Rock Fill Replacement | 6 days | 0 days | 6 days | 0% | Thu 27/5/21 | Wed 2/6/21 | NA | NA | Thu 13/5/21 | Thu 20/5/21 | -11 days | 0.5 days | 1071 |
| 1073 | Blinding | 1 day | 0 days | 1 day | 0% | Thu 3/6/21 | 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 long - Average 2 layers of shoring | 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 & Appraoval | 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 | 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 days |
| 1087 | Wall - 3 bays. Prod. Rate: 2 level of shoring 12d/bay/level/team. 2 teams | 12 days | 0 days | 12 days | 0% | Sat 20/11/21 | Fri 3/12/21 | NA | NA | Mon 8/11/21 | Sat 20/11/21 | -11 days | 0.5day | 1086SS+7 days |
| 1088 | Backfill & extract sheet pile | 19 days | 0 days | 19 days | 0% | Fri 26/11/21 | Fri 17/12/21 | NA | NA | Fri 14/1/22 | Tue 8/2/22 | 39 days | 1 day | 1086 |
| 1089 | Curing and Formwork Ramoval | 19 days | 0 days | 19 days | 0% | Fri 26/11/21 | Fri 17/12/21 | NA | NA | Thu 30/12/21 | Fri 21/1/22 | 27 days | 1 day | 1086 |
| 1090 | Emergency walkway & median barrier installation | 6 days | 0 days | 6 days | 0% | Sat 18/12/21 | Fri 24/12/21 | NA | NA | Wed 9/2/22 | Tue 15/2/22 | 39 days | 2 days | 1086,1088,323 |
| 1091 | Pavement work | 6 days | 0 days | 6 days | 0% | Tue 28/12/21 | Tue 4/1/22 | NA | NA | Wed 16/2/22 | Tue 22/2/22 | 39 days | 1 day | 1090 |
| 1092 | Parapet installation | 6 days | 0 days | 6 days | 0% | Wed 5/1/22 | Tue 11/1/22 | NA | 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 | 0 days | 332 days | 0% | Sat 17/4/21 | Mon 14/3/22 | NA | 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 |




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 Rollup, Manual Summary, Start-only, Finish-only, External Tasks, External Milestone, Deadline, Critical, Critical Split, Progress, Manual Progress

| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1096 | HGC | 15 days | 0 days | 15 days | 0% | Fri 21/1/22 | Fri 4/2/22 | NA | NA | Tue 1/2/22 | Tue 15/2/22 | 11 days | 1 day | 1095SS+7 days, |
| 1097 | CATV | 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 |
| 1098 | 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 |
| 1099 | 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 | | |
| 1100 | 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 |
| 1101 | 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 | | |
| 1102 | 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 |
| 1103 | 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 |
| 1104 | 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 |
| 1105 | 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, |
| 1106 | 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 | | |
| 1107 | 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 |
| 1108 | 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 | |
| 1109 | Demolition of Existing Seawall an Construction of Water Channel (Ch 0 to Ch30) | 67 days | 0 days | 67 days | 0% | Thu 10/12/20 | Thu 4/3/21 | NA | NA | Wed 6/3/24 | Wed 29/5/24 | 962 days | | |
| 1110 | Installation of Silt Curtain with Concrete Sinkers | 6 days | 0 days | 6 days | 0% | Thu 10/12/20 | Wed 16/12/20 | NA | NA | Thu 23/5/24 | Wed 29/5/24 | 1023 d... | 1 day | 1108 |
| 1111 | Demolition of Existing Seawall | 37 days | 0 days | 37 days | 0% | Thu 10/12/20 | Mon 25/1/21 | NA | NA | Wed 6/3/24 | Mon 22/4/24 | 962 days | 1 day | 1108 |
| 1112 | Grade 200 rock filiing and placing levelling stone | 30 days | 0 days | 30 days | 0% | Tue 26/1/21 | Thu 4/3/21 | NA | NA | Tue 23/4/24 | Wed 29/5/24 | 962 days | 1 day | 1111 |
| 1113 | CH86 to CH70 ELS Works | 136 days | 0 days | 136 days | 0% | Mon 10/8/20 | Thu 21/1/21 | NA | NA | Mon 17/8/20 | Sat 27/2/21 | 6 days | | |
| 1114 | Temporary Works Design Preparation | 25 days | 0 days | 25 days | 0% | Mon 10/8/20 | Mon 7/9/20 | NA | NA | Mon 17/8/20 | Mon 14/9/20 | 6 days | 1 days | |
| 1115 | 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 |
| 1116 | 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 |
| 1117 | 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 |
| 1118 | 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 |
| 1119 | 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 | | |
| 1120 | 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 |
| 1121 | 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 |
| 1122 | DCS Seawater Intake (Insitu Section Bay 15) | 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 days | |
| 1123 | 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 |
| 1124 | 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 | | |
| 1125 | 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 |
| 1126 | Installation of 14 precast units with feeder pipe installation (2.5 days per unit) | 37 days | 0 days | 37 days | 0% | Mon 8/3/21 | Thu 22/4/21 | NA | NA | Mon 8/3/21 | Thu 22/4/21 | 0 days | 2 days | 1125,1107SS+75 days |
| 1127 | Inspection Shaft Construction and Backfilling Upto +2.0mPD + Feeder Pipe Laying + Backfilling upto Final Formation Level | 33 days | 0 days | 33 days | 0% | Fri 23/4/21 | Wed 2/6/21 | NA | NA | Fri 23/4/21 | Wed 2/6/21 | 0 days | 0.5 day | 1126 |
| 1128 | 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 |
| 1129 | 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 | | |
| 1130 | 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 | |
| 1131 | Abandon Existing DCS - Temp. Works Design and Method Statement Comment & Appraoval | 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 |
| 1132 | 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 |
| 1133 | Planned Completion for Section 4 | 0 days | 0 days | 0 days | 0% | Wed 17/5/23 | Wed 17/5/23 | NA | NA | Tue 30/5/23 | Tue 30/5/23 | 10 days | | 1132 |
| 1134 | Section 8: Part 2A - Diversion & abandon of extg DCS box culvert | 194 days | 0 days | 194 days | 0% | Thu 1/4/21 | Wed 24/11/21 | NA | NA | Fri 9/4/21 | Thu 2/12/21 | 4 days | | |
| 1135 | Diversion & Abandon of Existing DCS Box Culvert - Temp. Works Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Thu 1/4/21 | Thu 1/4/21 | NA | NA | Fri 9/4/21 | Fri 9/4/21 | 8 days | 1 day | |
| 1136 | Diversion & Abandon of Existing DCS Box Box Culvert - Temp. Works Design and Method Statement Comment & Appraoval | 21 days | 0 days | 21 days | 0% | Thu 1/4/21 | Wed 21/4/21 | NA | NA | Fri 9/4/21 | Thu 29/4/21 | 8 days | 1 day | 1135 |
| 1137 | 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 |




Title: Rev.11 Prog with Progress as of 22-May-20

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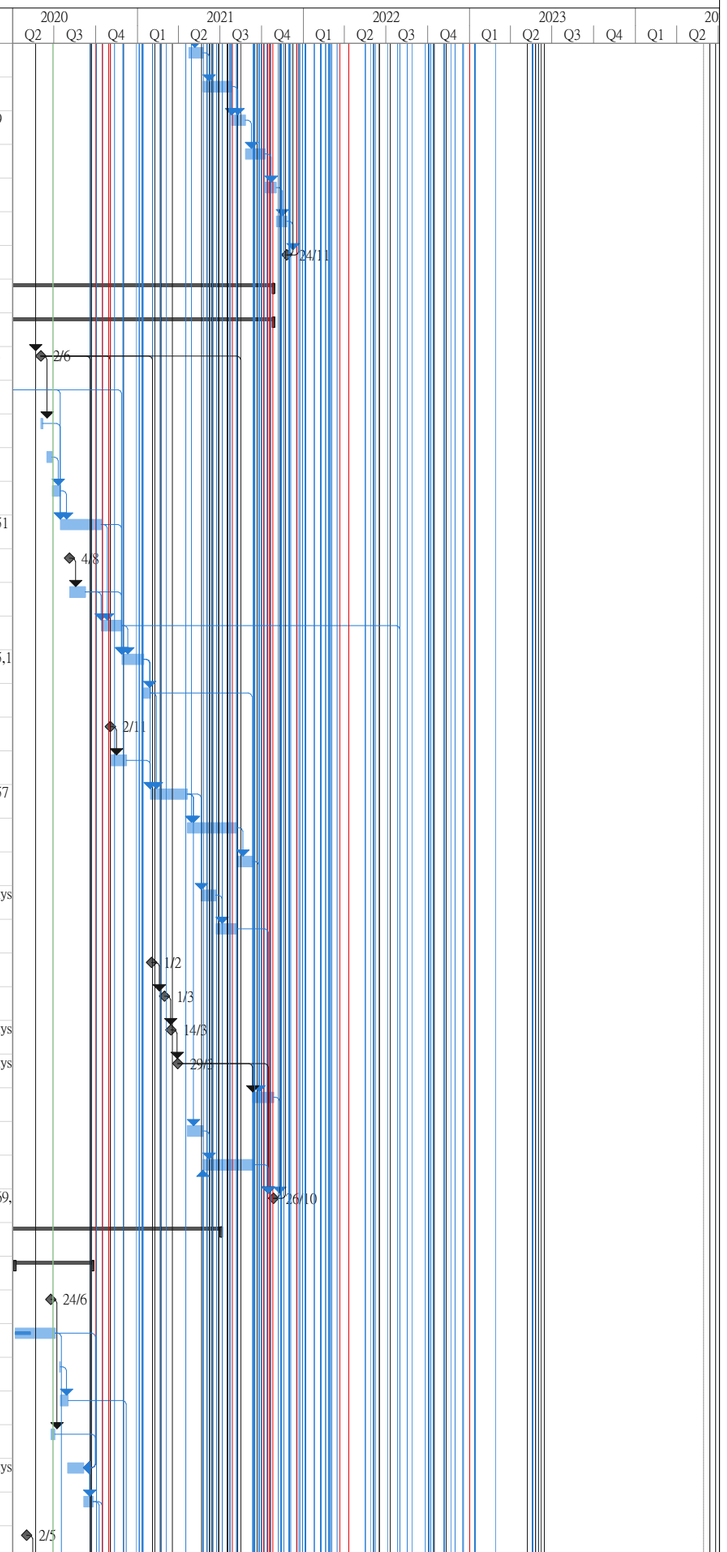
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Task | | Summary | | Inactive Milestone | | Duration-only | | Start-only | | External Milestone | | Critical Split | | | | | |
| Split | | Project Summary | | Inactive Summary | | Manual Summary Rollup | | Finish-only | | Deadline | | Progress | | | | | |
| Milestone | | Inactive Task | | Manual Task | | Manual Summary | | External Tasks | | Critical | | Manual Progress | | | | | |

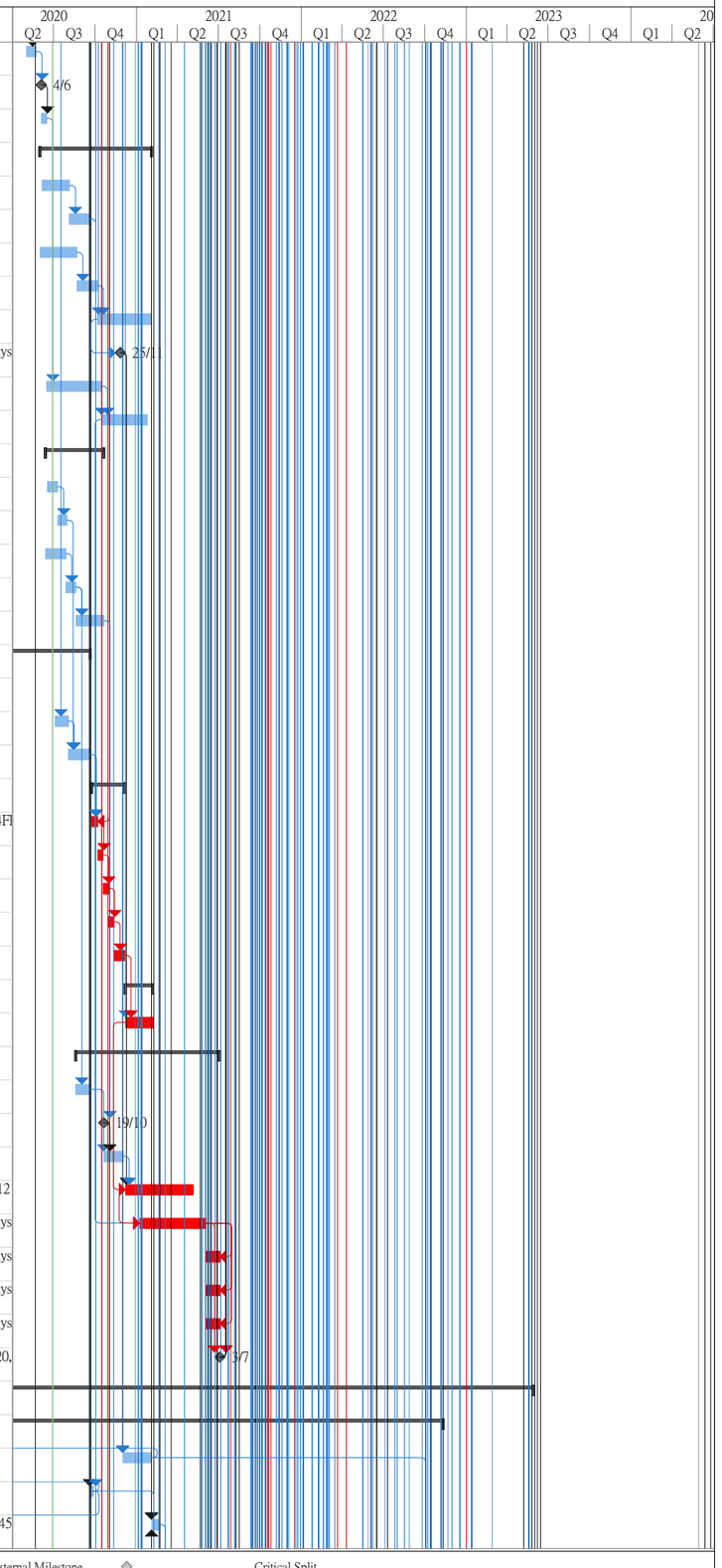
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1138 | Sheetpile Installation | 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 |
| 1139 | 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 |
| 1140 | 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 |
| 1141 | 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 |
| 1142 | 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 | 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 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 |
| 1148 | Mobilization of plant and materials | 15 days | 0 days | 15 days | 0% | Thu 16/5/19 | Sat 1/6/19 | NA | NA | Sat 4/7/20 | Tue 21/7/20 | 337 days | 1 days | |
| 1149 | TTA implementation | 4 days | 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 | 1 day | 1147 |
| 1150 | Carry out Titpit and Identify Underground Utilities location | 12 days | 0 days | 12 days | 0% | Mon 15/6/20 | Fri 26/6/20 | NA | NA | Mon 22/6/20 | Fri 3/7/20 | 7 days | | |
| 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 |
| 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, Drainage & Slope Protection) | 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 | Foundation Construction (Pad Footing include blinding layer, formwork erection, rebar fixing & concreting) | 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 | 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 day | |
| 1159 | Lift Tower - Temp. Works Design and Method Statement Comment & Appraoval | 35 days | 0 days | 35 days | 0% | Mon 2/11/20 | Sun 6/12/20 | NA | NA | Fri 1/1/21 | Thu 4/2/21 | 60 days | 1 day | 1158 |
| 1160 | Lift Shaft Tower: 3 Lifts x 20 day/Lift, Falsework & Formwork Erection, Rebar Fixing & Concreting | 63 days | 0 days | 63 days | 0% | Fri 29/1/21 | Mon 19/4/21 | NA | NA | Fri 5/2/21 | Mon 26/4/21 | 6 days | 3 days | 1156,1159,1157 |
| 1161 | Lift installation (LT3 & LT4) | 90 days | 0 days | 90 days | 0% | Tue 20/4/21 | Fri 6/8/21 | NA | NA | Tue 27/4/21 | Fri 13/8/21 | 6 days | 5 days | 1160,713 |
| 1162 | E & M installation | 30 days | 0 days | 30 days | 0% | Sat 7/8/21 | Fri 10/9/21 | NA | NA | Sat 14/8/21 | Fri 17/9/21 | 6 days | 3 days | 1161 |
| 1163 | Louvers and Glazing Installation | 26 days | 0 days | 26 days | 0% | Fri 21/5/21 | Mon 21/6/21 | NA | NA | Sat 14/8/21 | Mon 13/9/21 | 71 days | 2 days | 1160FS+25 days |
| 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 | 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 | 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 | 0.5 day | 1166FS+14 days |
| 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 |
| 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 | 380 days | 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 | 1 day | |
| 1174 | 1.0 Noise Barrier Shop Drawing Preparation, Offsite Fabrication | 141 days | 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 | | |
| 1175 | CNP and TTA available | 0 days | 0 days | 0 days | 0% | Wed 24/6/20 | Wed 24/6/20 | NA | NA | Thu 20/8/20 | Thu 20/8/20 | 47 days | 1 day | |
| 1176 | Expose the Extisting Noise Barrier Foundation | 70 days | 25 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 | 1 day | |
| 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 | 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 | 1 day | 1177 |
| 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 |
| 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 |
| 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 | |




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 Rollup, Manual Summary, Start-only, Finish-only, External Tasks, External Milestone, Deadline, Critical, Critical Split, Progress, Manual Progress

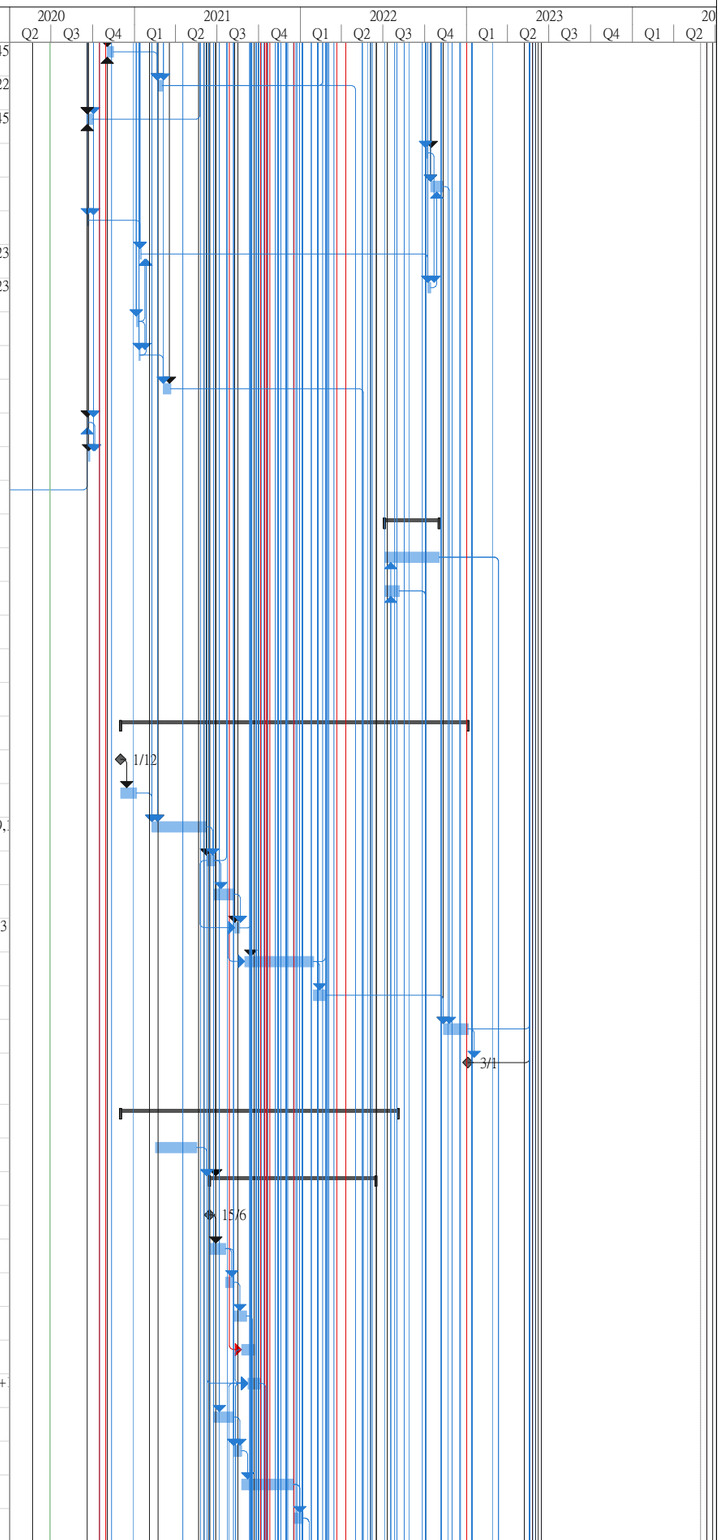
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1183 | PMAA Panel Material 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 |
| 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 |
| 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 |
| 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 |
| 1193 | Polymethyl Metharylate (PMMA) and Associated Aluminium Sub-frame Procurement | 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 |
| 1194 | 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 |
| 1195 | 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 | | |
| 1196 | 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 | Thu 30/7/20 | NA | NA | Thu 16/7/20 | Wed 5/8/20 | 6 days | 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 | NA | Fri 19/6/20 | Sat 1/8/20 | 5 days | 1 day | |
| 1199 | Temporary Working Platform Design Submit for AECOM Comment | 19 days | 0 days | 19 days | 0% | Tue 28/7/20 | Tue 18/8/20 | NA | NA | Mon 3/8/20 | Mon 24/8/20 | 5 days | 1 day | 1198 |
| 1200 | Temporary Working Platform Fabrication | 51 days | 0 days | 51 days | 0% | Wed 19/8/20 | Mon 19/10/20 | NA | NA | Tue 25/8/20 | Sat 24/10/20 | 5 days | 1 day | 1199 |
| 1201 | 2.0 Noise Barrier Footing and Modification Existing Column Stud | 184 days | 2.71 days | 181.29 days | 0% | Fri 20/3/20 | Sat 19/9/20 | Fri 20/3/20 | NA | Fri 20/3/20 | Wed 23/9/20 | 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 | Fri 20/3/20 | 0 days | | |
| 1203 | Ground Investigation Works | 25 days | 0 days | 25 days | 0% | Sat 4/7/20 | Sat 1/8/20 | NA | NA | Wed 8/7/20 | Wed 5/8/20 | 3 days | 1 day | 1176 |
| 1204 | Diversion of Existing Utilities and ELS Construction | 42 days | 0 days | 42 days | 0% | Mon 3/8/20 | Sat 19/9/20 | NA | NA | Thu 6/8/20 | Wed 23/9/20 | 3 days | 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 | | |
| 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 | 1188,1204,184FI |
| 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 |
| 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 |
| 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 | |
| 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 | |
| 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 |
| 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 | 1192,1212SS,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 | Sat 3/7/21 | 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 | Sat 3/7/21 | NA | NA | Fri 4/6/21 | Mon 5/7/21 | 1 day | 1 day | 1218FF+25 days |
| 1221 | Bus Lay-by | 25 days | 0 days | 25 days | 0% | Thu 3/6/21 | Sat 3/7/21 | NA | NA | Fri 4/6/21 | Mon 5/7/21 | 1 day | | 1218FF+25 days |
| 1222 | Planned Completion for Section 5 & 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 | 1 day | 0 days | 1218,1219,1220, |
| 1223 | Section 6 | 1201 days | 8.73 days | 1192.27 days? | 0% | Thu 16/5/19 | Tue 30/5/23 | Thu 16/5/19 | NA | Thu 16/5/19 | Wed 29/5/24 | 298 da... | | |
| 1224 | Fencing (15m/d) & Hoarding Erection (10m/d) | 915 days | 185.72 days | 729.28 days | 0% | Tue 15/10/19 | Thu 10/11/22 | Tue 15/10/19 | NA | Tue 15/10/19 | Fri 30/12/22 | 42 days | | |
| 1225 | Hoarding - Part 1 (~57m) | 51 days | 0 days | 51 days | 0% | Tue 1/12/20 | Mon 1/2/21 | NA | NA | Wed 21/9/22 | Mon 21/11/22 | 536 days | 1 day | 121,8 |
| 1226 | Fencing - Part 1 (758m) | 6 days | 0 days | 6 days | 0% | Sat 19/9/20 | Fri 25/9/20 | NA | NA | Mon 1/3/21 | Sat 6/3/21 | 130 days | 0 days | 121,8 |
| 1227 | 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 |




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 Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

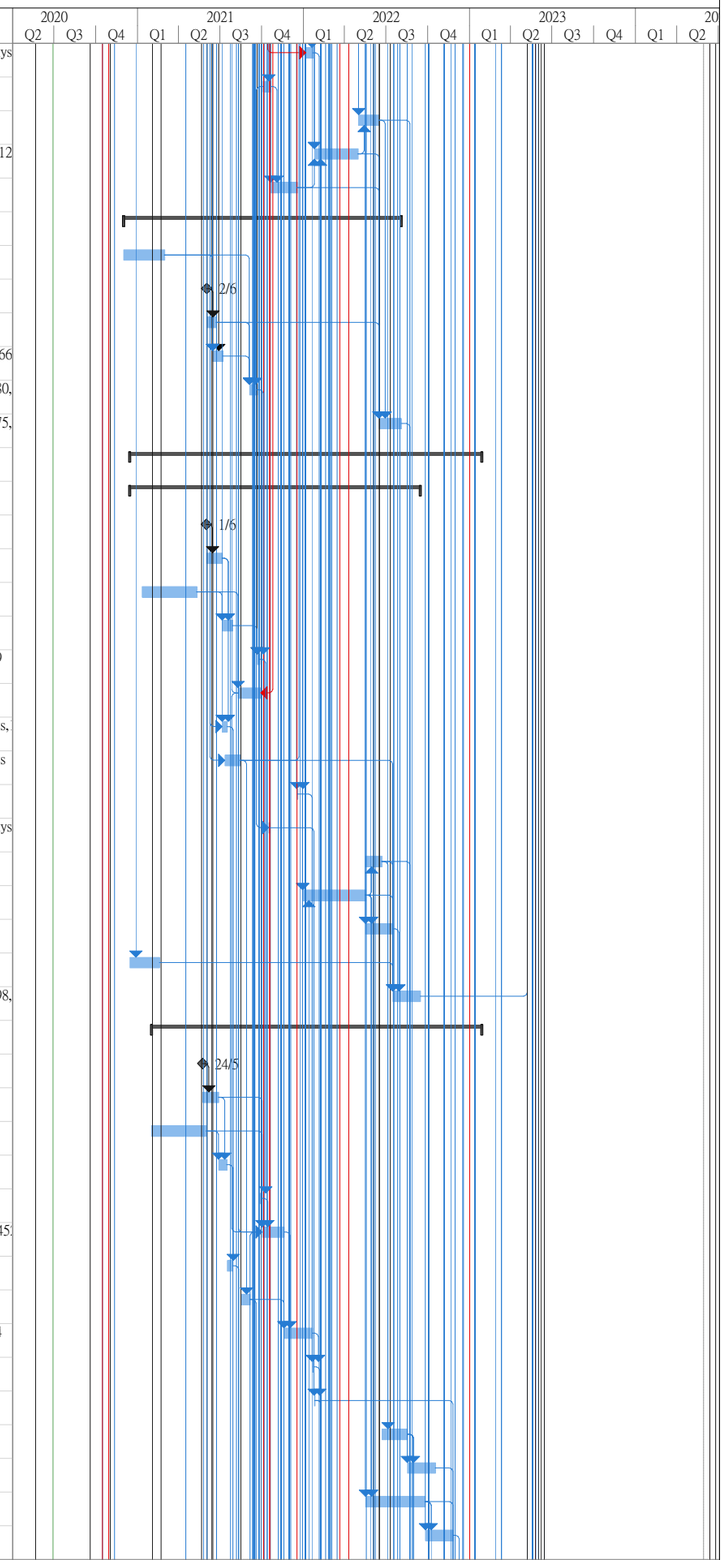
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1228 | Hoarding - Part 2A (~379m) - 4 team | 12 days | 0 days | 12 days | 0% | Mon 2/11/20 | Sat 14/11/20 | NA | NA | Sat 5/2/22 | Fri 18/2/22 | 373 days | 1 days | 9,121,1147,1445 |
| 1229 | Fencing - Part 2B (~132m) | 9 days | 0 days | 9 days | 0% | Sat 20/2/21 | Tue 2/3/21 | NA | NA | Sat 19/2/22 | Tue 1/3/22 | 296 days | 0 days | 10,121,1227,122 |
| 1230 | Hoarding - Part 2C (~106m) | 9 days | 0 days | 9 days | 0% | Sat 19/9/20 | Tue 29/9/20 | NA | NA | Fri 2/7/21 | Mon 12/7/21 | 229 days | 1 days | 9,121,1147,1445 |
| 1231 | Hoarding - Part 2E (~37m) | 4 days | 0 days | 4 days | 0% | Mon 3/10/22 | Fri 7/10/22 | NA | NA | Tue 22/11/22 | Fri 25/11/22 | 42 days | 0 days | 11,121,1225 |
| 1232 | Fencing - Part 3A (~326m) | 24 days | 0 days | 24 days | 0% | Fri 14/10/22 | Thu 10/11/22 | NA | NA | Fri 2/12/22 | Fri 30/12/22 | 42 days | 2 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 | NA | Sat 12/6/21 | Tue 15/6/21 | 214 days | 0 days | 14,121 |
| 1234 | Fencing - Part 3E (~23m) | 2 days | 0 days | 2 days | 0% | Wed 13/1/21 | Thu 14/1/21 | NA | 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 |
| 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 |
| 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 |
| 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 |
| 1248 | 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 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 | 0 days | 35 days | 0% | Tue 1/12/20 | Mon 4/1/21 | NA | NA | Mon 1/2/21 | Sun 7/3/21 | 62 days | 0.5 days | 1249 |
| 1251 | Part 1 - CHA660-1097.77 - 2x160mm dia (~438m) | 95 days | 0 days | 95 days | 0% | Mon 8/2/21 | Mon 7/6/21 | NA | NA | Mon 8/3/21 | Sat 3/7/21 | 21 days | 14 day | 8,1226,427,419, |
| 1252 | Part 9A - CHA32-71 - 2x160mm dia (~39m) (KD5) | 15 days | 0 days | 15 days | 0% | Tue 8/6/21 | Fri 25/6/21 | NA | NA | Mon 5/7/21 | Wed 21/7/21 | 21 days | 7 day | 8,1251 |
| 1253 | Part 9B Rising Main | 36 days | 0 days | 36 days | 0% | Sat 26/6/21 | Sat 7/8/21 | NA | NA | Thu 22/7/21 | Wed 1/9/21 | 21 days | 10 days | 1252 |
| 1254 | Part 3B - CHA418-443 - 2x160mm dia (~25m) (KD7) | 10 days | 0 days | 10 days | 0% | Mon 9/8/21 | Thu 19/8/21 | NA | NA | Thu 2/9/21 | Mon 13/9/21 | 21 days | 5 days | 13,1252SS,1253 |
| 1255 | Part 9 - CHA0-363 & 71-363 - 2x160mm dia. (~655m) (KD4) | 124 days | 0 days | 124 days | 0% | Tue 31/8/21 | Fri 28/1/22 | NA | NA | Thu 2/9/21 | Mon 31/1/22 | 2 days | 3 days | 16,1254SS |
| 1256 | Part 8 - CHA363-418&443-452 - 2x160mm dia (~64m) | 20 days | 0 days | 20 days | 0% | Sat 29/1/22 | Thu 24/2/22 | NA | NA | Thu 9/3/23 | Fri 31/3/23 | 330 days | 8 days | 1255 |
| 1257 | Part 3A - CH452-660 - 2x160mm dia (~208m) | 45 days | 0 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 Pipeline Laying at Parts 3A, 3B, 8, 9 and 9A | 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 | 0 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 Submission | 0 days | 0 days | 0 days | 0% | Tue 15/6/21 | Tue 15/6/21 | NA | NA | Tue 29/6/21 | Tue 29/6/21 | 14 days | 1 day | |
| 1263 | Stormwater Drainage - ELS Temp. Works Design and Method Statement Comment & Appraoval | 35 days | 0 days | 35 days | 0% | Tue 15/6/21 | Mon 19/7/21 | NA | NA | Tue 29/6/21 | Mon 2/8/21 | 14 days | 1 day | 1262 |
| 1264 | CH1000 - CH1087 (~92.5m, 2 M/H) | 16 days | 0 days | 16 days | 0% | Tue 20/7/21 | Fri 6/8/21 | NA | NA | Tue 3/8/21 | Fri 20/8/21 | 12 days | 1 days | 1263 |
| 1265 | CH1087 - CH1189.4 (~210m, 9 M/H) | 24 days | 0 days | 24 days | 0% | Sat 7/8/21 | Fri 3/9/21 | NA | NA | Sat 21/8/21 | Fri 17/9/21 | 12 days | 1 days | 1264 |
| 1266 | CH1189.4 - CH1394 (~167m, 3 MH) - Bridge D3 | 24 days | 0 days | 24 days | 0% | Tue 24/8/21 | Mon 20/9/21 | NA | NA | Tue 9/11/21 | Mon 6/12/21 | 63 days | 0.5 days | 944SS |
| 1267 | CH1394 - CH1444.7 (~40m, 3 M/H) - S. Ramp | 21 days | 0 days | 21 days | 0% | Tue 7/9/21 | Sat 2/10/21 | NA | NA | Tue 9/11/21 | Thu 2/12/21 | 51 days | 1 days | 1266SS,988SS+ |
| 1268 | CH1444.7 - CH1560 (~222m, 10 M/H) - Rd D3 | 38 days | 0 days | 38 days | 0% | Wed 23/6/21 | Fri 6/8/21 | NA | NA | Mon 21/2/22 | Wed 6/4/22 | 198 days | 3 days | 987 |
| 1269 | CH1560 - CH1720 (~239m, 8 M/H) - N.D. Rd | 14 days | 0 days | 14 days | 0% | Sat 7/8/21 | Mon 23/8/21 | NA | NA | Thu 7/4/22 | Tue 26/4/22 | 198 days | 1 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 | NA | Wed 27/4/22 | Thu 18/8/22 | 198 days | 6 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 |




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 Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

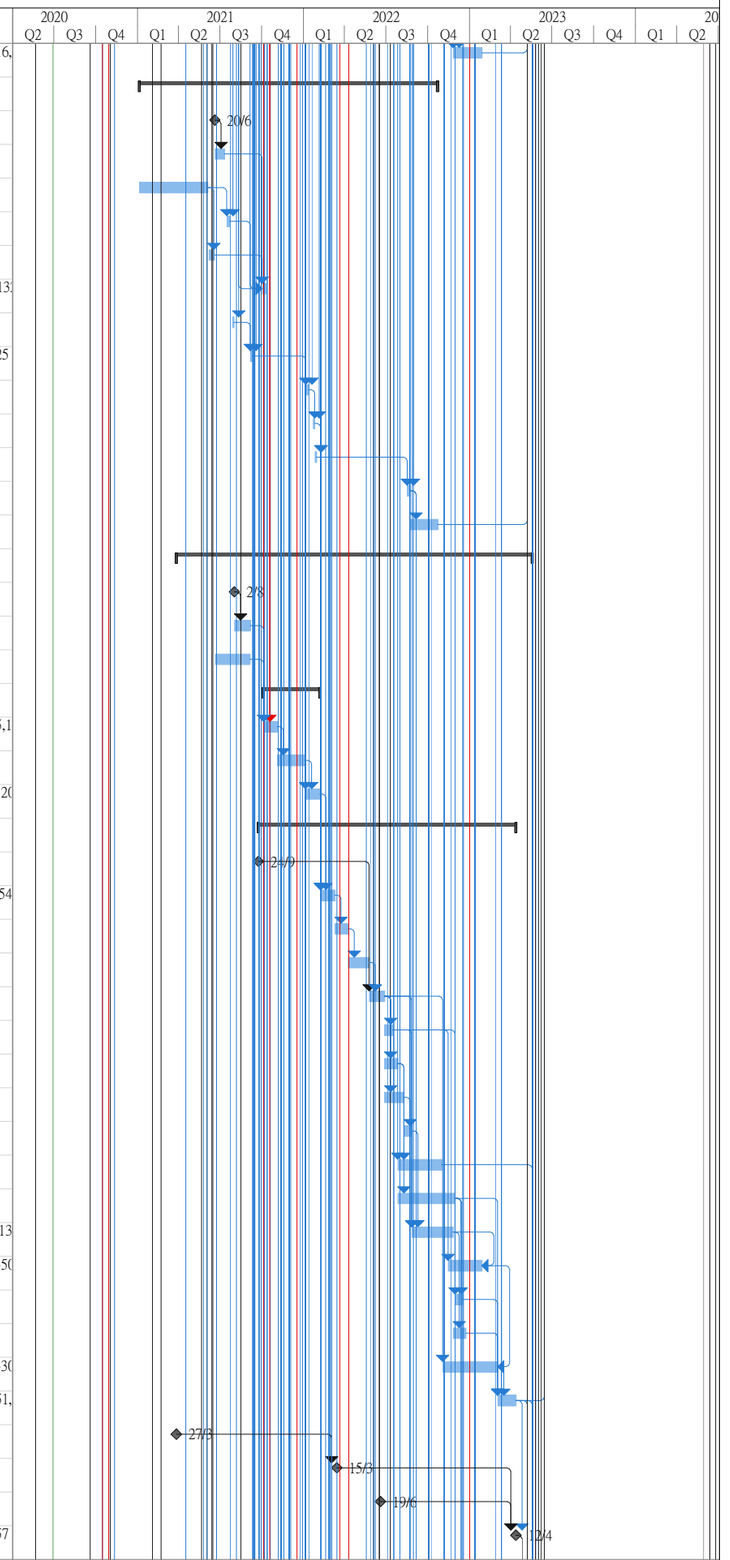
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1272 | CH2000 - CH2060 (~84m, 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 |
| 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 |
| 1274 | 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 |
| 1275 | 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 days | |
| 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 days | |
| 1280 | Sewerage Drainage - Temp. Works Design and Method Statement Comment & Appraoval | 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 days | 1279 |
| 1281 | 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 |
| 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, |
| 1284 | 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 | | |
| 1286 | Fresh Watermain - Method Statement Submission | 0 days | 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 | |
| 1287 | Fresh Watermain Method Statement Comment & Appraoval | 35 days | 0 days | 35 days | 0% | Tue 1/6/21 | Mon 5/7/21 | NA | NA | Sat 7/8/21 | Fri 10/9/21 | 67 days | 1 days | 1286 |
| 1288 | Fresh Watermain Procurement | 120 days | 0 days | 120 days | 0% | Mon 11/1/21 | Mon 10/5/21 | NA | NA | Fri 14/5/21 | Fri 10/9/21 | 123 days | 1 days | |
| 1289 | CH1000 - CH1087 (~191m) Rd D3 | 20 days | 0 days | 20 days | 0% | Tue 6/7/21 | Wed 28/7/21 | NA | NA | Sat 11/9/21 | Wed 6/10/21 | 58 days | 1 days | 1288,1287 |
| 1290 | CH1087 - CH1189.4 (~212m) - N. Ramp | 4 days | 0 days | 4 days | 0% | Tue 21/9/21 | Sat 25/9/21 | NA | NA | Thu 7/10/21 | Mon 11/10/21 | 12 days | 0 days | 1282,467,1289 |
| 1291 | CH1189.4 - CH1394 (~409.2m) - Bridge D3 | 42 days | 0 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 |
| 1292 | CH1394 - CH1444.7 (~101.4m) - S. Ramp | 10 days | 0 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, |
| 1293 | CH1444.7 - CH1560 (~165m) - Rd D3 | 30 days | 0 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 |
| 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 | 0 days | 110 days | 0% | Thu 30/12/21 | Mon 16/5/22 | NA | 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 days | 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 | 3 days | 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 | 2 days | 0 days | 2 days | 0% | Mon 24/1/22 | Tue 25/1/22 | NA | NA | Thu 22/9/22 | Fri 23/9/22 | 197 days | 0 days | 1295,1311 |
| 1313 | CH100 - CH147 (~455m) - L12 Road | 47 days | 0 days | 47 days | 0% | Wed 22/6/22 | Tue 16/8/22 | NA | NA | Wed 3/8/22 | Tue 27/9/22 | 35 days | 2 days | 1296 |
| 1314 | L12d Salt Watermain | 50 days | 0 days | 50 days | 0% | Wed 17/8/22 | Mon 17/10/22 | NA | NA | Wed 16/11/22 | Fri 13/1/23 | 75 days | 1 day | 1313,498 |
| 1315 | Open Space & Promenade (~1,093m) | 110 days | 0 days | 110 days | 0% | Tue 17/5/22 | Sat 24/9/22 | NA | NA | Sat 28/5/22 | Sat 8/10/22 | 10 days | 1 day | 1297,458 |
| 1316 | Saltwater main across Kai Tak River | 51 days | 0 days | 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 |




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 Rollup, Manual Summary, Start-only, Finish-only, External Tasks, External Milestone, Deadline, Critical, Critical Split, Progress, Manual Progress

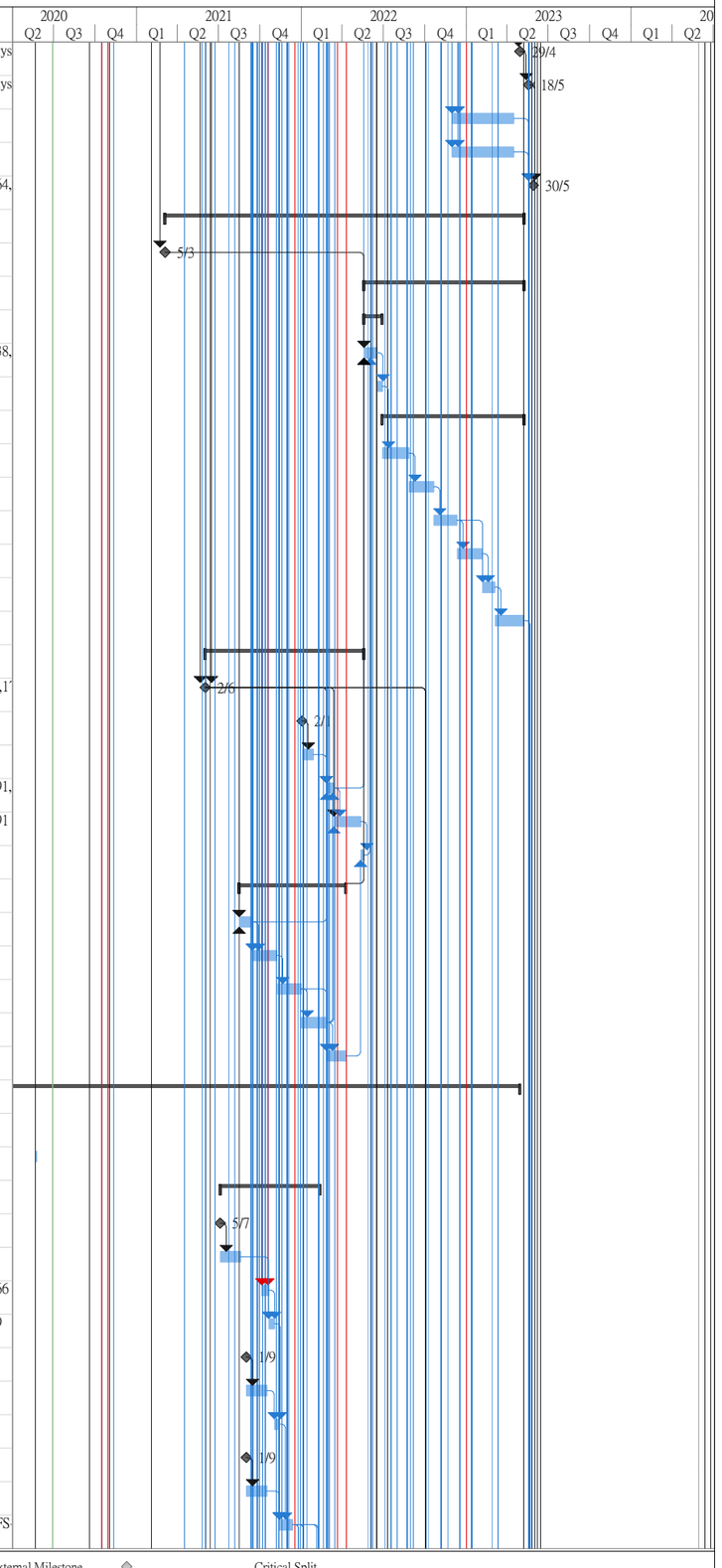
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1317 | Salt Watermain T&C | 50 days | 0 days | 50 days | 0% | Sat 26/11/22 | Fri 27/1/23 | NA | NA | Sat 14/1/23 | Thu 16/3/23 | 41 days | 1 day | 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 | 0 days | 637 days | 0% | Sat 27/3/21 | Thu 18/5/23 | NA | NA | Wed 28/7/21 | Tue 30/5/23 | 8 days | | |
| 1333 | Salt Water Pumping Station - Temp. Works Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Mon 2/8/21 | Mon 2/8/21 | NA | NA | Fri 10/9/21 | Fri 10/9/21 | 39 days | 1 day | |
| 1334 | Salt Water Pumping Station - Temp. Works Design and Method Statement Comment & Appraoval | 35 days | 0 days | 35 days | 0% | Mon 2/8/21 | Sun 5/9/21 | NA | NA | Fri 10/9/21 | Thu 14/10/21 | 39 days | 1 day | 1333 |
| 1335 | Utilities Diversion | 65 days | 0 days | 65 days | 0% | Mon 21/6/21 | Sat 4/9/21 | NA | NA | Wed 28/7/21 | Wed 13/10/21 | 31 days | 15 day | |
| 1336 | Substructure | 100 days | 0 days | 100 days | 0% | Tue 5/10/21 | Sat 5/2/22 | NA | NA | Fri 15/10/21 | Tue 15/2/22 | 8 days | | |
| 1337 | Sheetpile Installation | 25 days | 0 days | 25 days | 0% | Tue 5/10/21 | Wed 3/11/21 | NA | NA | Fri 15/10/21 | Fri 12/11/21 | 8 days | 5 days | 148,1334,1335,1 |
| 1338 | Excavation and Shoring Installation | 50 days | 0 days | 50 days | 0% | Thu 4/11/21 | Tue 4/1/22 | NA | NA | Sat 13/11/21 | Thu 13/1/22 | 8 days | 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 | NA | Fri 14/1/22 | Tue 15/2/22 | 8 days | 3 days | 1338,149FS+12( |
| 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 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+5( |
| 1354 | PCCW Installation | 15 days | 0 days | 15 days | 0% | Wed 30/11/22 | Fri 16/12/22 | NA | NA | Fri 24/2/23 | Mon 13/3/23 | 70 days | 1 day | 1351,1346 |
| 1355 | Ironmongery work | 24 days | 0 days | 24 days | 0% | Sat 26/11/22 | Fri 23/12/22 | NA | NA | Tue 14/2/23 | Mon 13/3/23 | 64 days | 0.5 days | 1352 |
| 1356 | E&M installation | 100 days | 0 days | 100 days | 0% | Thu 3/11/22 | Fri 3/3/23 | NA | NA | Sat 12/11/22 | Mon 13/3/23 | 8 days | 5 days | 1345,1353FF+3( |
| 1357 | Testing and Commissioning | 30 days | 0 days | 30 days | 0% | Sat 4/3/23 | Wed 12/4/23 | NA | NA | Tue 14/3/23 | Fri 21/4/23 | 8 days | 2 days | 1356,1355,1351, |
| 1358 | WSD Form 46 Part I & II Submission | 0 days | 0 days | 0 days | 0% | Sat 27/3/21 | Sat 27/3/21 | NA | NA | Sat 22/4/23 | Sat 22/4/23 | 615 days | 0.5 days | |
| 1359 | WSD Form 46 Part 46 Part IV Submission | 0 days | 0 days | 0 days | 0% | Tue 15/3/22 | Tue 15/3/22 | NA | NA | Sat 22/4/23 | Sat 22/4/23 | 329 days | 0.5 days | 1358 |
| 1360 | CLP Meter Installation | 0 days | 0 days | 0 days | 0% | Sun 19/6/22 | Sun 19/6/22 | NA | NA | Sat 22/4/23 | Sat 22/4/23 | 251 days | 0.5 days | |
| 1361 | FSD Form 501 Submission for FS Inspection | 0 days | 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 as of 22-May-20

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split |
| Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress |
| Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress |

| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1362 | FSD Inspection | 0 days | 0 days | 0 days | 0% | Sat 29/4/23 | Sat 29/4/23 | NA | NA | Thu 11/5/23 | Thu 11/5/23 | 8 days | 0.5 days | 1361FS+15 days |
| 1363 | Issuance of FS Certificate | 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 | 8 days | 0.5 days | 1362FS+15 days |
| 1364 | Salt Water and Sewage Pumping Station: Landscaping hardworks and softworks | 110 days | 0 days | 110 days | 0% | Wed 30/11/22 | Sat 15/4/23 | NA | NA | Wed 11/1/23 | Mon 29/5/23 | 35 days | 2 days | 562,1351,548 |
| 1365 | Salt Water and Sewage Pumping Station: Planting Works | 110 days | 0 days | 110 days | 0% | Wed 30/11/22 | Sat 15/4/23 | NA | 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 days | 0% | Tue 30/5/23 | 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 | 0 days | 24 days | 0% | Mon 6/2/23 | Sat 4/3/23 | NA | NA | Mon 27/2/23 | Sat 25/3/23 | 18 days | 1 days | 1376,1377 |
| 1379 | Reinstate seawall | 50 days | 0 days | 50 days | 0% | Mon 6/3/23 | Mon 8/5/23 | NA | NA | Mon 27/3/23 | Tue 30/5/23 | 18 days | 1 days | 1378 |
| 1380 | Part 10 - CHA79-89 (10m) | 286 days | 0 days | 286 days | 0% | Wed 2/6/21 | Wed 18/5/22 | NA | NA | Wed 2/6/21 | Thu 9/6/22 | 0 days | | |
| 1381 | 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,1 |
| 1382 | Tempoary Works Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Sun 2/1/22 | Sun 2/1/22 | NA | NA | Tue 22/2/22 | Tue 22/2/22 | 40 days | | |
| 1383 | Tempoary Works Design and Method Statement Comment by PM | 21 days | 0 days | 21 days | 0% | Mon 3/1/22 | Wed 26/1/22 | NA | NA | Tue 22/2/22 | Thu 17/3/22 | 40 days | | 1382 |
| 1384 | Temporary ELS & Excavation | 14 days | 0 days | 14 days | 0% | Fri 25/2/22 | Sat 12/3/22 | NA | NA | Fri 18/3/22 | Sat 2/4/22 | 18 days | 0 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 days | 11.27 days | 1166.74 days? | 0% | Thu 16/5/19 | Sat 29/4/23 | Thu 16/5/19 | NA | Thu 16/5/19 | Wed 29/5/24 | 321 da... | | |
| 1394 | Agree Interface Coordination Plan with KL/2014/01 Contractor | 14 days | 14 days | 0 days | 100% | Thu 16/5/19 | Fri 31/5/19 | Thu 16/5/19 | Fri 31/5/19 | Thu 16/5/19 | Fri 31/5/19 | 0 days | 0 days | |
| 1395 | Ch1920-CH2060 | 1 day? | 0 days | 1 day? | 0% | Sat 23/5/20 | Sat 23/5/20 | NA | NA | Wed 29/5/24 | Wed 29/5/24 | 1467 d... | | |
| 1396 | Part 1 - CH1919-2020 (70m) 4 bays | 181 days | 0 days | 181 days | 0% | Mon 5/7/21 | Thu 10/2/22 | NA | NA | Wed 8/9/21 | Mon 14/2/22 | 3 days | | |
| 1397 | Pier Temporary Works Design and Method Statement Submission | 0 days | 0 days | 0 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 days | 45 days | 0% | Mon 5/7/21 | Wed 18/8/21 | NA | NA | Wed 8/9/21 | Fri 22/10/21 | 65 days | 1 day | 1397 |
| 1399 | CH1930 Pier (1set x 3nos.): | 12 days | 0 days | 12 days | 0% | Tue 5/10/21 | Tue 19/10/21 | NA | NA | Fri 8/10/21 | Fri 22/10/21 | 3 days | | 1075,1076,1066 |
| 1400 | CH1950-CH2020: Pier (3sets x 3nos) - 1 day/no.. 1 team | 11 days | 0 days | 11 days | 0% | Wed 20/10/21 | Mon 1/11/21 | NA | NA | Sat 23/10/21 | Thu 4/11/21 | 3 days | 2 day | 579,1398,1399 |
| 1401 | Falsework Temporary Works Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Wed 1/9/21 | Wed 1/9/21 | NA | NA | Tue 21/9/21 | Tue 21/9/21 | 20 days | 1 day | |
| 1402 | Falsework 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 | Tue 21/9/21 | Thu 4/11/21 | 20 days | 1 day | 1401 |
| 1403 | Falsework erection | 10 days | 0 days | 10 days | 0% | Tue 2/11/21 | Fri 12/11/21 | NA | 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 | Wed 1/9/21 | NA | NA | Sun 3/10/21 | Sun 3/10/21 | 32 days | 1 day | |
| 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 |

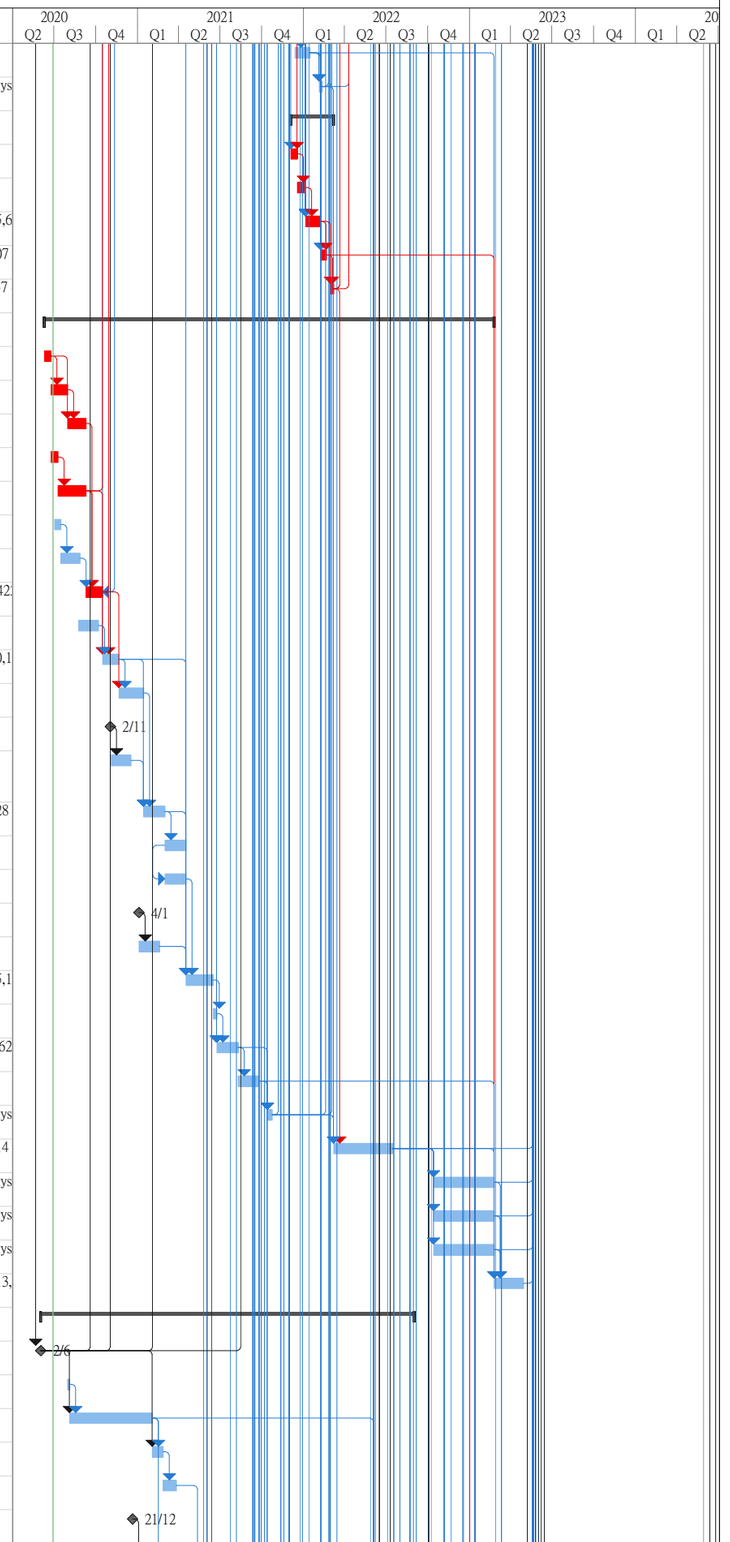



Title: Rev.11 Prog with Progress as of 22-May-20

Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split
Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress
Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress

# Contract No. ED/2018/01 KTD Project

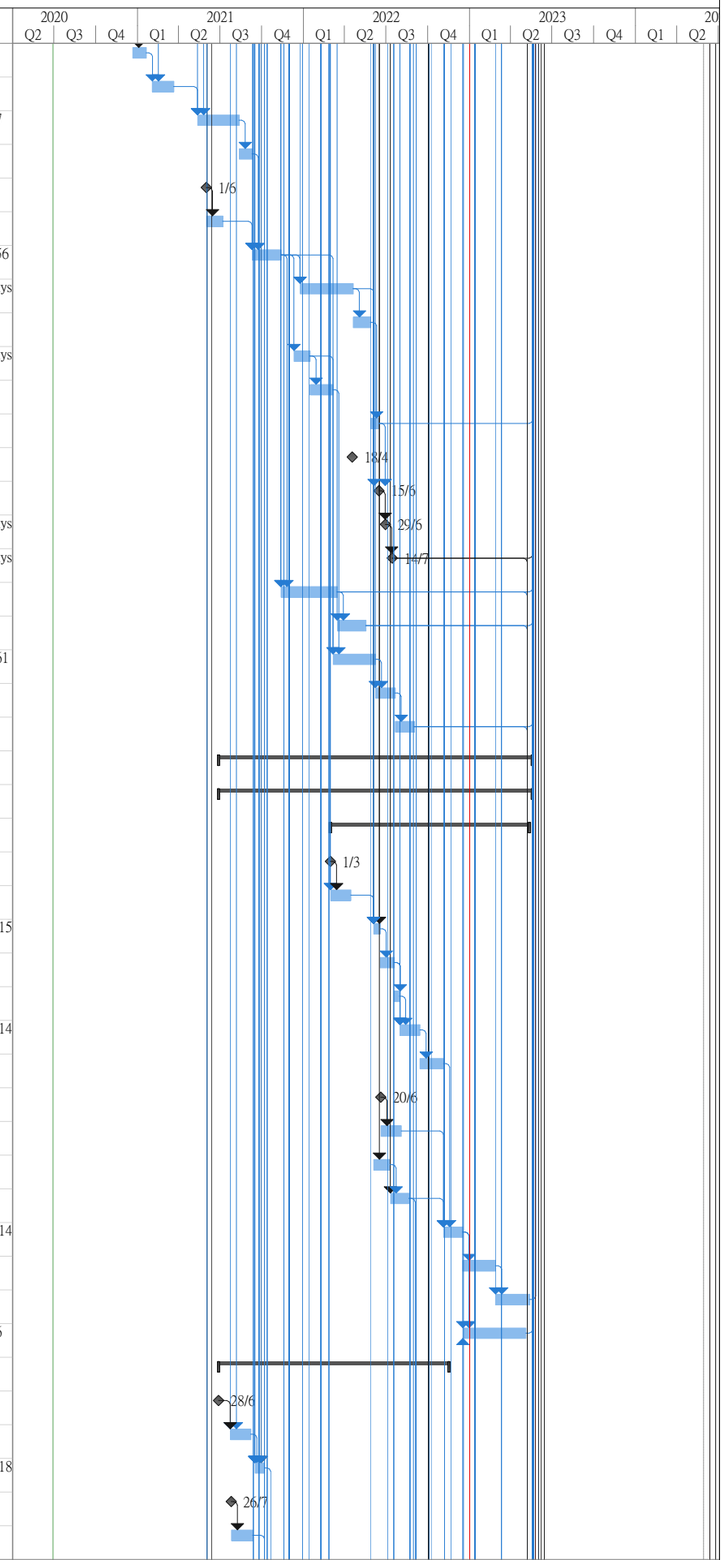
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1407 | Secondary Upstand Beam | 26 days | 0 days | 26 days | 0% | Mon 13/12/21 | Fri 14/1/22 | NA | NA | Thu 16/12/21 | Tue 18/1/22 | 3 days | 1.5 day | 1406 |
| 1408 | Dismantle falsework | 6 days | 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 | 1406FS+14 days |
| 1409 | Part 2A - CH2020-2050 (30m) 3 bays | 74 days | 0 days | 74 days | 0% | Sat 4/12/21 | Mon 7/3/22 | NA | NA | Mon 22/11/21 | Tue 22/2/22 | -11 days | | |
| 1410 | Pier (3sets x 3nos) within CH2007-2090. 1 team | 12 days | 0 days | 12 days | 0% | Sat 4/12/21 | Fri 17/12/21 | NA | NA | Mon 22/11/21 | Sat 4/12/21 | -11 days | 3 day | 579,1087 |
| 1411 | Falsework erection | 12 days | 0 days | 12 days | 0% | Sat 18/12/21 | Tue 4/1/22 | NA | NA | Mon 6/12/21 | Sat 18/12/21 | -11 days | 3 days | 1410 |
| 1412 | Deck (3 bays) 12d/bay | 25 days | 0 days | 25 days | 0% | Wed 5/1/22 | Sat 5/2/22 | NA | NA | Mon 20/12/21 | Thu 20/1/22 | -11 days | 3 day | 1411,1406,625,6 |
| 1413 | Secondary Upstand Beam | 12 days | 0 days | 12 days | 0% | Mon 7/2/22 | Sat 19/2/22 | NA | NA | Fri 21/1/22 | Mon 7/2/22 | -11 days | 1.5 day | 1412,1406,1407 |
| 1414 | Dismantle falsework | 6 days | 0 days | 6 days | 0% | Tue 1/3/22 | Mon 7/3/22 | NA | NA | Wed 16/2/22 | Tue 22/2/22 | -11 days | 0.5 day | 1412,1413FS+7 |
| 1415 | Elevated Landscaped Deck CH2090 - Ch2109 | 989 days | 0 days | 989 days | 0% | Wed 10/6/20 | Thu 23/2/23 | 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 | 0 days | 12 days | 0% | Wed 10/6/20 | Tue 23/6/20 | 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 Method Statement Submission | 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 Method Statement Comment & Appraoval | 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 Submission | 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 | Elevated Landscape Deck - Temp. Works Design and Method Statement Comment & Appraoval | 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 | 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 | 0 days | 105 days | 0% | Tue 8/3/22 | Thu 14/7/22 | NA | NA | Wed 6/4/22 | Thu 11/8/22 | 24 days | 5 days | 1438,1408,1414 |
| 1440 | Elevated Landscaped Deck: Hard Landscaping Works | 110 days | 0 days | 110 days | 0% | Fri 14/10/22 | Thu 23/2/23 | NA | NA | Fri 11/11/22 | Thu 23/3/23 | 24 days | 2 days | 1439FS+75 days |
| 1441 | Elevated Landscaped Deck: Soft Landscaping Works | 110 days | 0 days | 110 days | 0% | Fri 14/10/22 | Thu 23/2/23 | NA | NA | Fri 11/11/22 | Thu 23/3/23 | 24 days | 2 days | 1439FS+75 days |
| 1442 | Elevated Landscaped Deck: Planting Works | 110 days | 0 days | 110 days | 0% | Fri 14/10/22 | Thu 23/2/23 | NA | NA | Fri 11/11/22 | Thu 23/3/23 | 24 days | 2 days | 1439FS+75 days |
| 1443 | Installation of Glass Balustrade | 52 days | 0 days | 52 days | 0% | Fri 24/2/23 | Sat 29/4/23 | NA | NA | Fri 24/3/23 | Tue 30/5/23 | 24 days | 6 days | 1437,1407,1413, |
| 1444 | Part 2A - Lift LT1 & LT2 (Landscaped Deck) | 671 days | 0 days | 671 days | 0% | Tue 2/6/20 | Wed 31/8/22 | NA | NA | Tue 2/6/20 | Tue 30/5/23 | 0 days | | |
| 1445 | 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 |
| 1446 | TTA Implementation | 3 days | 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 | 0 days | 150 days | 0% | Tue 4/8/20 | Mon 1/2/21 | NA | NA | Sat 12/6/21 | Thu 9/12/21 | 254 days | 5 days | 1445,1446 |
| 1448 | G.I. works | 18 days | 0 days | 18 days | 0% | Tue 2/2/21 | Thu 25/2/21 | NA | NA | Fri 10/12/21 | Mon 3/1/22 | 254 days | 1 day | 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 | 2 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: Rev.11 Prog with Progress as of 22-May-20

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split |
| Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress |
| Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress |

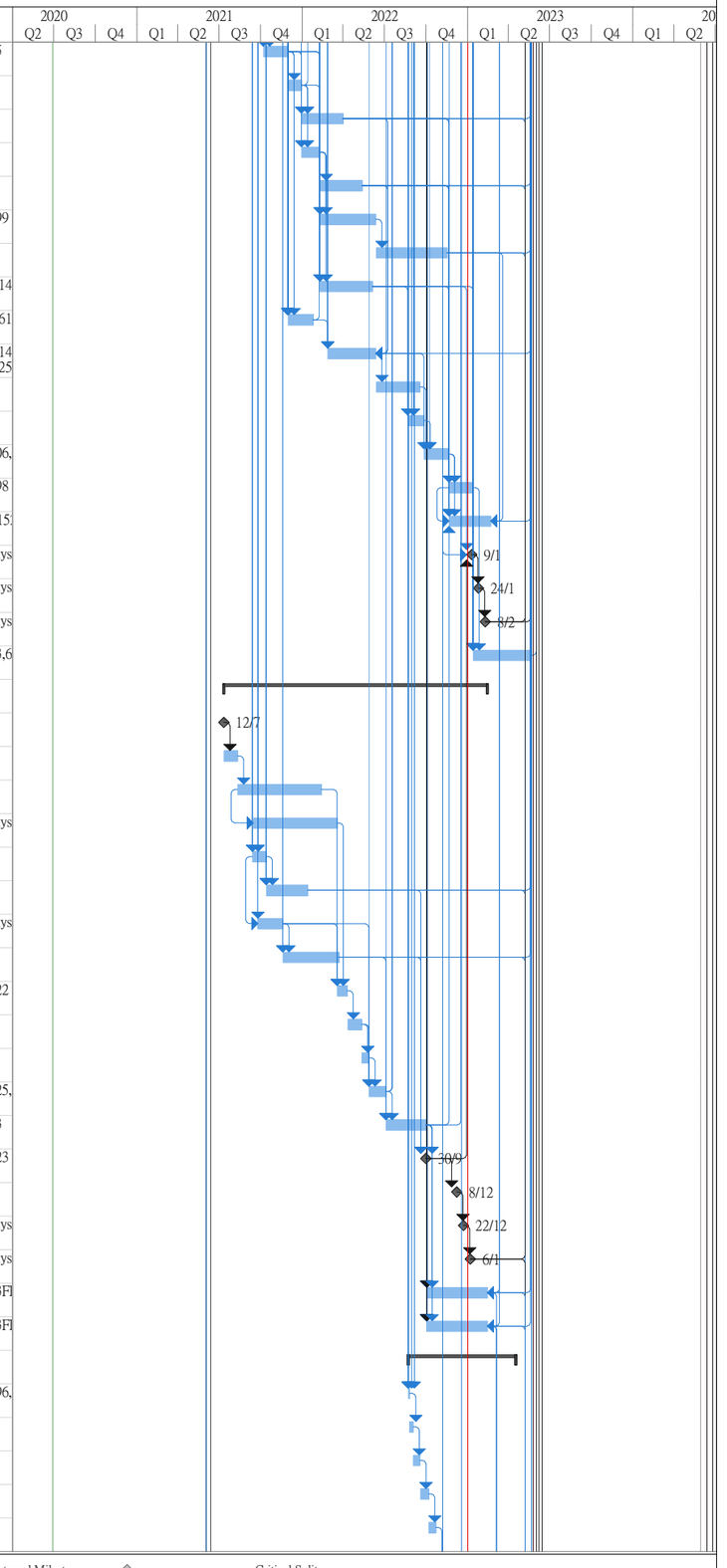
| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1451 | Lift Pilecap and ELS - Temp. Works Foundation Design and Method Statement Comment & Appraoval | 30 days | 0 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 |
| 1452 | Intall Sheetpile, ELS, Excavation and Temp. Works Installation (Shoring, Drainage & Slope Protection) | 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 |
| 1453 | 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 |
| 1454 | 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 |
| 1455 | 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 | |
| 1456 | Lift Structure - Temp. Works Design and Method Statement Comment & Appraoval | 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 |
| 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 |
| 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 |
| 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 | 3 days | 1458 |
| 1460 | Louvers and Glazing Installation | 27 days | 0 days | 27 days | 0% | Sat 11/12/21 | Fri 14/1/22 | NA | NA | Thu 8/9/22 | Wed 12/10/22 | 220 days | 3 days | 1457FS+25 days |
| 1461 | Parapet Installation and Finishing Works | 40 days | 0 days | 40 days | 0% | Sat 15/1/22 | Sat 5/3/22 | NA | NA | Thu 13/10/22 | Mon 28/11/22 | 220 days | 3 days | 1460 |
| 1462 | Testing & commissioning | 15 days | 0 days | 15 days | 0% | Sat 28/5/22 | Wed 15/6/22 | NA | NA | Thu 13/4/23 | Sat 29/4/23 | 261 days | 0.5 days | 1459 |
| 1463 | CLP Meter Installation | 0 days | 0 days | 0 days | 0% | Mon 18/4/22 | Mon 18/4/22 | NA | NA | Mon 18/4/22 | Mon 18/4/22 | 0 days | 0.5 day | |
| 1464 | EMSD Submission Form 5 for Lift Inspection | 0 days | 0 days | 0 days | 0% | Wed 15/6/22 | Wed 15/6/22 | NA | NA | Tue 2/5/23 | Tue 2/5/23 | 320 days | 0.5 day | 1458,1462 |
| 1465 | EMSD Lift Inspection | 0 days | 0 days | 0 days | 0% | Wed 29/6/22 | Wed 29/6/22 | NA | NA | Tue 16/5/23 | Tue 16/5/23 | 320 days | 0.5 day | 1464FS+14 days |
| 1466 | Issuance of Lift Use Permit | 0 days | 0 days | 0 days | 0% | Thu 14/7/22 | Thu 14/7/22 | NA | NA | Tue 30/5/23 | Tue 30/5/23 | 320 days | 0.5 day | 1465FS+15 days |
| 1467 | Staircase ST1 | 100 days | 0 days | 100 days | 0% | Fri 12/11/21 | Tue 15/3/22 | NA | NA | Fri 25/11/22 | Sat 25/3/23 | 309 days | 5 days | 587,367,1457 |
| 1468 | Finishing and E&M Works | 50 days | 0 days | 50 days | 0% | Wed 16/3/22 | Tue 17/5/22 | NA | NA | Mon 27/3/23 | Tue 30/5/23 | 309 days | 0.5 day | 1467,367 |
| 1469 | L12d Underground Drainage and Utilities Laying | 75 days | 0 days | 75 days | 0% | Mon 7/3/22 | Tue 7/6/22 | NA | NA | Tue 29/11/22 | Tue 28/2/23 | 220 days | 1 day | 1457,1460,1461 |
| 1470 | L12d Roadworks and Pedestrian, with Light Pole | 36 days | 0 days | 36 days | 0% | Wed 8/6/22 | Wed 20/7/22 | NA | NA | Wed 1/3/23 | Sat 15/4/23 | 220 days | 1 day | 1469,349 |
| 1471 | L12d Roadworks and Pedestrian | 36 days | 0 days | 36 days | 0% | Thu 21/7/22 | Wed 31/8/22 | NA | NA | Mon 17/4/23 | Tue 30/5/23 | 220 days | 1 day | 1470 |
| 1472 | Open Space & Promenade | 564 days | 0 days | 564 days | 0% | Mon 28/6/21 | Thu 18/5/23 | NA | NA | Sun 1/8/21 | Tue 30/5/23 | 9 days | | |
| 1473 | Open Space & Promenade (From Northern End - CH1720) | 564 days | 0 days | 564 days | 0% | Mon 28/6/21 | Thu 18/5/23 | NA | NA | Sun 15/8/21 | Tue 30/5/23 | 9 days | | |
| 1474 | Observation Deck | 358 days | 0 days | 358 days | 0% | Tue 1/3/22 | Fri 12/5/23 | NA | NA | Fri 6/5/22 | Tue 30/5/23 | 14 days | | |
| 1475 | Foundation - Temp. Works Design and Method Statement Submission | 0 days | 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 | |
| 1476 | Foundation - Temp. Works Design and Method Statement Comment & Appraoval | 45 days | 0 days | 45 days | 0% | Tue 1/3/22 | Thu 14/4/22 | NA | NA | Fri 6/5/22 | Sun 19/6/22 | 66 days | 0.5 day | 1475,639,646 |
| 1477 | G.I. works for LT5 | 12 days | 0 days | 12 days | 0% | Sat 4/6/22 | Fri 17/6/22 | NA | NA | Mon 20/6/22 | Mon 4/7/22 | 13 days | 2 days | 1447,611,604,15 |
| 1478 | Design Vertification | 25 days | 0 days | 25 days | 0% | Sat 18/6/22 | Mon 18/7/22 | NA | NA | Tue 5/7/22 | Tue 2/8/22 | 13 days | 1 day | 1477 |
| 1479 | Predrilling works for Socket H- pile | 12 days | 0 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 |
| 1480 | Socket H-pile Installation | 37 days | 0 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 |
| 1481 | 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 |
| 1482 | Structure & Lift Core - Temp. Works Design and Method Statement Submission | 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 | |
| 1483 | Structure & Lift Core - Temp. Works Design and Method Statement Comment & Appraoval | 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 |
| 1484 | 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 |
| 1485 | 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 |
| 1486 | 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 |
| 1487 | 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 |
| 1488 | 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 |
| 1489 | 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 |
| 1490 | 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 | | |
| 1491 | 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 | |
| 1492 | Foundation - Temp. Works Design and Method Statement Comment & Appraoval | 45 days | 0 days | 45 days | 0% | Sat 24/7/21 | Mon 6/9/21 | NA | NA | Sun 15/8/21 | Tue 28/9/21 | 22 days | 0.5 days | 1491,639,646 |
| 1493 | Footing | 16 days | 0 days | 16 days | 0% | Thu 16/9/21 | Wed 6/10/21 | NA | NA | Wed 29/9/21 | Tue 19/10/21 | 10 days | 0.5 days | 987,611,604,618 |
| 1494 | Structure - Temp. Works Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Mon 26/7/21 | Mon 26/7/21 | NA | NA | Fri 3/9/21 | Fri 3/9/21 | 39 days | 0.5 days | |
| 1495 | Structure - Temp. Works Design and Method Statement Comment & Appraoval | 47 days | 0 days | 47 days | 0% | Mon 26/7/21 | Fri 10/9/21 | NA | NA | Fri 3/9/21 | Tue 19/10/21 | 39 days | 2 days | 1494 |




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 Rollup, Manual Summary, Start-only, Finish-only, External Tasks, External Milestone, Deadline, Critical, Critical Split, Progress, Manual Progress

| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 days,1500FF+25 |
| 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 | 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 | 0 days | 75 days | 0% | Mon 21/11/22 | Mon 20/2/23 | NA | 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 days | 0% | Mon 9/1/23 | Mon 9/1/23 | NA | 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 days | 0% | Tue 24/1/23 | Tue 24/1/23 | NA | NA | Tue 16/5/23 | Tue 16/5/23 | 111 days | 0.5 day | 1511FS+15 days |
| 1513 | Issuance of FS Certificate | 0 days | 0 days | 0 days | 0% | Wed 8/2/23 | Wed 8/2/23 | NA | NA | Tue 30/5/23 | Tue 30/5/23 | 111 days | 0.5 day | 1512FS+15 days |
| 1514 | Landscaping works and Planting works | 100 days | 0 days | 100 days | 0% | Fri 13/1/23 | Thu 18/5/23 | NA | NA | Fri 27/1/23 | Tue 30/5/23 | 9 days | 4 days | 1509,668,1503,6 |
| 1515 | Open Space & Promenade (From CH1720 - South End) | 477 days | 0 days | 477 days | 0% | Mon 12/7/21 | Mon 13/2/23 | NA | NA | Sun 1/8/21 | Tue 30/5/23 | 18 days | | |
| 1516 | Modification Seawall - Temp. Works Design and Method Statement Submission | 0 days | 0 days | 0 days | 0% | Mon 12/7/21 | Mon 12/7/21 | NA | NA | Sun 1/8/21 | Sun 1/8/21 | 20 days | 1 day | |
| 1517 | Modification Seawall - Temp. Works Design and Method Statement Comment & Appraoval | 30 days | 0 days | 30 days | 0% | Mon 12/7/21 | Tue 10/8/21 | NA | NA | Sun 1/8/21 | Mon 30/8/21 | 20 days | 2 days | 1516 |
| 1518 | Modification (Seawall) CH1720-1820 | 150 days | 0 days | 150 days | 0% | Wed 11/8/21 | Fri 11/2/22 | 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 |
| 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 |
| 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, |
| 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 |
| 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 |
| 1531 | FSD Inspection | 0 days | 0 days | 0 days | 0% | Thu 22/12/22 | Thu 22/12/22 | NA | 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 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 | 0 days | 110 days | 0% | Mon 3/10/22 | Mon 13/2/23 | NA | NA | Mon 24/10/22 | Sat 4/3/23 | 17 days | 5 days | 1528,668,1243FI |
| 1534 | Open Space & Promenade: Planting works | 110 days | 0 days | 110 days | 0% | Mon 3/10/22 | Mon 13/2/23 | NA | NA | Mon 24/10/22 | Sat 4/3/23 | 17 days | 5 days | 1528,668,1243FI |
| 1535 | Part 1, 2A, 2B - Road L12 | 193 days | 0 days | 193 days | 0% | Tue 23/8/22 | Mon 17/4/23 | NA | NA | Thu 6/10/22 | Tue 30/5/23 | 35 days | 0.5 day | |
| 1536 | Trim road formation | 3 days | 0 days | 3 days | 0% | Tue 23/8/22 | Thu 25/8/22 | NA | NA | Thu 6/10/22 | Sat 8/10/22 | 35 days | 1 day | 1274,1283,1296, |
| 1537 | Lay sub base | 7 days | 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 | 0 days | 12 days | 0% | Sat 3/9/22 | Sat 17/9/22 | NA | NA | Tue 18/10/22 | Mon 31/10/22 | 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 |

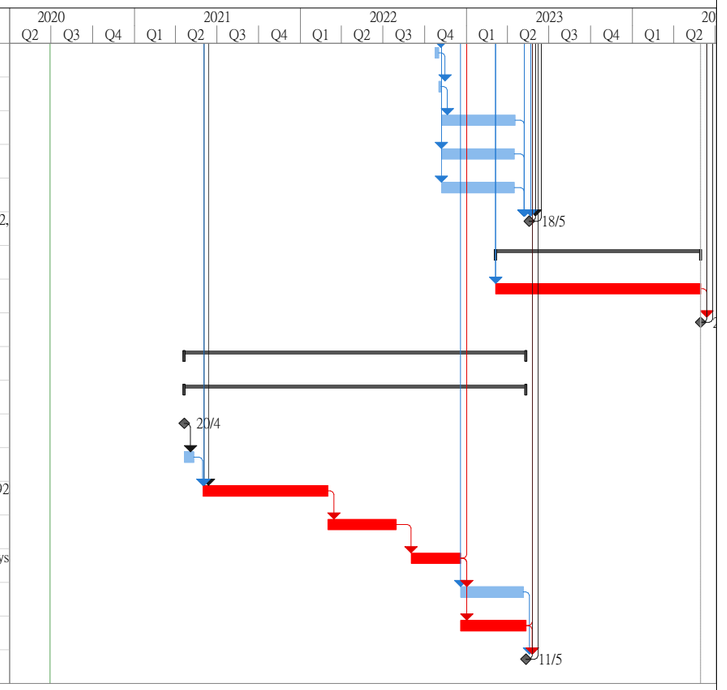



Title: Rev.11 Prog with Progress as of 22-May-20

Task, Split, Milestone, Summary, Project Summary, Inactive Task, Inactive Milestone, Inactive Summary, Manual Task, Duration-only, Manual Summary Rollup, Manual Summary, Start-only, Finish-only, External Tasks, External Milestone, Deadline, Critical, Critical Split, Progress, Manual Progress

## Contract No. ED/2018/01 KTD Project

| ID | Task Name | Duration | Actual Duration | Remaining Duration | Physical % Complete | Early Start | Early Finish | Actual Start | Actual Finish | Late Start | Late Finish | Total Slack | TRA | Predecessors |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 & Appraoval | 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 | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split |
| Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress |
| Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress |

# Appendix C – Weather information

## General Information

| Date | Absolute Daily Min Temperature (℃) | Absolute Daily Max Temperature (℃) | Total Rainfall (mm) |
|---|---|---|---|
| 01/10/2021 | 28.8 | 33.1 | Trace |
| 02/10/2021 | 28.3 | 32.9 | 0 |
| 03/10/2021 | 27 | 29.9 | 1.9 |
| 04/10/2021 | 28.1 | 32.7 | 0 |
| 05/10/2021 | 28.7 | 32.8 | Trace |
| 06/10/2021 | 27.6 | 31.7 | Trace |
| 07/10/2021 | 25 | 30.8 | 43.9 |
| 08/10/2021 | 24.7 | 26.8 | 329.7 |
| 09/10/2021 | 25.3 | 27.9 | 130.3 |
| 10/10/2021 | 25.3 | 27.9 | 45.1 |
| 11/10/2021 | 26 | 32.7 | 0 |
| 12/10/2021 | 23.6 | 26.4 | 0.2 |
| 13/10/2021 | 22.9 | 27.4 | 57.7 |
| 14/10/2021 | 26.1 | 30 | 13.3 |
| 15/10/2021 | 25.2 | 27.6 | 4.6 |
| 16/10/2021 | 24.3 | 30.3 | Trace |
| 17/10/2021 | 22.2 | 28 | 0 |
| 18/10/2021 | 20.9 | 27.7 | 0 |
| 19/10/2021 | 23.5 | 28.9 | 0 |
| 20/10/2021 | 25 | 29.8 | 0.1 |
| 21/10/2021 | 19.3 | 28.2 | 0.7 |
| 22/10/2021 | 18.2 | 20.5 | Trace |
| 23/10/2021 | 18.3 | 22.7 | 0 |
| 24/10/2021 | 19.8 | 26.6 | 0 |
| 25/10/2021 | 19.7 | 27.5 | 0 |
| 26/10/2021 | 22.7 | 28.3 | 0 |
| 27/10/2021 | 24.9 | 27 | Trace |
| 28/10/2021 | 24.2 | 28 | 0.1 |
| 29/10/2021 | 23.9 | 27.7 | 1.1 |
| 30/10/2021 | 23 | 26.2 | 2.4 |
| 31/10/2021 | 23.4 | 26.1 | 0 |

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

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2021&m=10

| Date | Absolute Daily Min Temperature (℃) | Absolute Daily Max Temperature (℃) | Total Rainfall (mm) |
|---|---|---|---|
| 01/11/2021 | 23.7 | 27.6 | Trace |
| 02/11/2021 | 24.1 | 27.9 | Trace |
| 03/11/2021 | 24.1 | 27.4 | Trace |
| 04/11/2021 | 24.1 | 27.9 | 0 |
| 05/11/2021 | 24.6 | 27.8 | 0 |
| 06/11/2021 | 24 | 29.2 | 0 |
| 07/11/2021 | 24.8 | 29 | 0 |
| 08/11/2021 | 18.1 | 25.3 | 2 |
| 09/11/2021 | 16.9 | 23 | 0 |
| 10/11/2021 | 17.8 | 24.7 | 0 |
| 11/11/2021 | 18.9 | 25 | 0 |
| 12/11/2021 | 20 | 25.7 | 0 |
| 13/11/2021 | 20.1 | 25.4 | Trace |
| 14/11/2021 | 19.3 | 24.7 | 0 |
| 15/11/2021 | 20.4 | 25.5 | 0 |
| 16/11/2021 | 21 | 26.3 | 0 |
| 17/11/2021 | 22 | 26.5 | 0 |
| 18/11/2021 | 20.2 | 25.8 | 0 |
| 19/11/2021 | 21.3 | 25.7 | Trace |
| 20/11/2021 | 22.4 | 26.1 | 0.3 |
| 21/11/2021 | 22.7 | 25.6 | 0 |
| 22/11/2021 | 16.8 | 23.3 | 3.5 |
| 23/11/2021 | 14.3 | 17.4 | Trace |
| 24/11/2021 | 16.9 | 22.1 | 0 |
| 25/11/2021 | 18.4 | 23.7 | 0 |
| 26/11/2021 | 18.6 | 24.8 | 0 |
| 27/11/2021 | 18.7 | 24.3 | 0 |
| 28/11/2021 | 19.2 | 24.5 | 0 |
| 29/11/2021 | 19.4 | 26.1 | 0 |
| 30/11/2021 | 17.1 | 24.6 | 0 |

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

https://www.hko.gov.hk/en/cis/dailyExtract.htm?y=2021&m=11

## General Information

| Date | Absolute Daily Min Temperature (℃) | Absolute Daily Max Temperature (℃) | Total Rainfall (mm) |
|---|---|---|---|
| 01/12/2021 | 14.8 | 20.1 | 0 |
| 02/12/2021 | 14.6 | 20.4 | 0 |
| 03/12/2021 | 14.7 | 21.3 | 0 |
| 04/12/2021 | 15.3 | 20.6 | 0 |
| 05/12/2021 | 16.7 | 22.2 | 0 |
| 06/12/2021 | 16.4 | 22.2 | 0 |
| 07/12/2021 | 17.1 | 22.5 | 0 |
| 08/12/2021 | 18.4 | 22.2 | 0 |
| 09/12/2021 | 18.7 | 22.9 | 0 |
| 10/12/2021 | 18.6 | 23.7 | 0 |
| 11/12/2021 | 20 | 24.4 | 0 |
| 12/12/2021 | 19.2 | 24.7 | 0 |
| 13/12/2021 | 17.4 | 21.5 | 0 |
| 14/12/2021 | 18.7 | 23.6 | Trace |
| 15/12/2021 | 19.9 | 23 | 0.2 |
| 16/12/2021 | 21.7 | 25.8 | Trace |
| 17/12/2021 | 18.9 | 23.8 | 0 |
| 18/12/2021 | 16.3 | 20 | 0 |
| 19/12/2021 | 16 | 19.7 | 0 |
| 20/12/2021 | 15.7 | 19.3 | 9.4 |
| 21/12/2021 | 16 | 19 | 2.4 |
| 22/12/2021 | 17.1 | 21.7 | Trace |
| 23/12/2021 | 18.7 | 21.9 | 0.8 |
| 24/12/2021 | 18.2 | 21.8 | 1.7 |
| 25/12/2021 | 17.9 | 21.5 | Trace |
| 26/12/2021 | 11.7 | 18.5 | 3.5 |
| 27/12/2021 | 9.9 | 14.6 | 1.3 |
| 28/12/2021 | 12.2 | 17.5 | 0.2 |
| 29/12/2021 | 16.6 | 20.6 | 0 |
| 30/12/2021 | 16.2 | 21.4 | 0 |
| 31/12/2021 | 17.1 | 19.9 | Trace |

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=2021&m=12

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01/10/2021 | 0:00 | 1.3 | 315 | 02/10/2021 | 0:00 | 1.3 | 112.5 | 03/10/2021 | 0:00 | 1.3 | 292.5 | 04/10/2021 | 0:00 | 2.2 | 22.5 |
| 01/10/2021 | 1:00 | 1.3 | 337.5 | 02/10/2021 | 1:00 | 0.9 | 90 | 03/10/2021 | 1:00 | 1.3 | 292.5 | 04/10/2021 | 1:00 | 1.8 | 315 |
| 01/10/2021 | 2:00 | 1.3 | 90 | 02/10/2021 | 2:00 | 0.9 | 112.5 | 03/10/2021 | 2:00 | 1.3 | 292.5 | 04/10/2021 | 2:00 | 1.8 | 22.5 |
| 01/10/2021 | 3:00 | 0.9 | 112.5 | 02/10/2021 | 3:00 | 0.9 | 90 | 03/10/2021 | 3:00 | 0.9 | 270 | 04/10/2021 | 3:00 | 1.3 | 337.5 |
| 01/10/2021 | 4:00 | 1.3 | 112.5 | 02/10/2021 | 4:00 | 0.9 | 90 | 03/10/2021 | 4:00 | 0.9 | 270 | 04/10/2021 | 4:00 | 1.8 | 45 |
| 01/10/2021 | 5:00 | 1.3 | 22.5 | 02/10/2021 | 5:00 | 0.4 | 112.5 | 03/10/2021 | 5:00 | 1.3 | 247.5 | 04/10/2021 | 5:00 | 1.8 | 292.5 |
| 01/10/2021 | 6:00 | 1.8 | 45 | 02/10/2021 | 6:00 | 0.4 | 90 | 03/10/2021 | 6:00 | 0.9 | 247.5 | 04/10/2021 | 6:00 | 1.3 | 112.5 |
| 01/10/2021 | 7:00 | 1.3 | 112.5 | 02/10/2021 | 7:00 | 0.4 | 90 | 03/10/2021 | 7:00 | 1.3 | 247.5 | 04/10/2021 | 7:00 | 0.9 | 45 |
| 01/10/2021 | 8:00 | 1.3 | 67.5 | 02/10/2021 | 8:00 | 0.4 | 112.5 | 03/10/2021 | 8:00 | 1.3 | 247.5 | 04/10/2021 | 8:00 | 1.3 | 112.5 |
| 01/10/2021 | 9:00 | 0.9 | 90 | 02/10/2021 | 9:00 | 0.4 | 112.5 | 03/10/2021 | 9:00 | 1.3 | 247.5 | 04/10/2021 | 9:00 | 2.2 | 112.5 |
| 01/10/2021 | 10:00 | 0.9 | 90 | 02/10/2021 | 10:00 | 1.3 | 90 | 03/10/2021 | 10:00 | 1.3 | 247.5 | 04/10/2021 | 10:00 | 1.8 | 22.5 |
| 01/10/2021 | 11:00 | 1.3 | 67.5 | 02/10/2021 | 11:00 | 1.3 | 90 | 03/10/2021 | 11:00 | 2.2 | 247.5 | 04/10/2021 | 11:00 | 1.8 | 337.5 |
| 01/10/2021 | 12:00 | 0.9 | 112.5 | 02/10/2021 | 12:00 | 0.9 | 135 | 03/10/2021 | 12:00 | 2.2 | 270 | 04/10/2021 | 12:00 | 1.3 | 247.5 |
| 01/10/2021 | 13:00 | 0.9 | 157.5 | 02/10/2021 | 13:00 | 0.4 | 112.5 | 03/10/2021 | 13:00 | 1.8 | 270 | 04/10/2021 | 13:00 | 1.8 | 247.5 |
| 01/10/2021 | 14:00 | 1.3 | 45 | 02/10/2021 | 14:00 | 0.4 | 45 | 03/10/2021 | 14:00 | 1.8 | 157.5 | 04/10/2021 | 14:00 | 2.7 | 45 |
| 01/10/2021 | 15:00 | 1.3 | 90 | 02/10/2021 | 15:00 | 0.9 | 90 | 03/10/2021 | 15:00 | 1.3 | 112.5 | 04/10/2021 | 15:00 | 2.7 | 22.5 |
| 01/10/2021 | 16:00 | 1.3 | 90 | 02/10/2021 | 16:00 | 0.4 | 90 | 03/10/2021 | 16:00 | 1.3 | 135 | 04/10/2021 | 16:00 | 2.2 | 247.5 |
| 01/10/2021 | 17:00 | 1.3 | 67.5 | 02/10/2021 | 17:00 | 0.4 | 45 | 03/10/2021 | 17:00 | 1.3 | 112.5 | 04/10/2021 | 17:00 | 1.8 | 22.5 |
| 01/10/2021 | 18:00 | 1.3 | 45 | 02/10/2021 | 18:00 | 0.9 | 67.5 | 03/10/2021 | 18:00 | 0.9 | 247.5 | 04/10/2021 | 18:00 | 1.3 | 45 |
| 01/10/2021 | 19:00 | 1.3 | 67.5 | 02/10/2021 | 19:00 | 0.4 | 45 | 03/10/2021 | 19:00 | 0.4 | 247.5 | 04/10/2021 | 19:00 | 1.3 | 157.5 |
| 01/10/2021 | 20:00 | 1.3 | 112.5 | 02/10/2021 | 20:00 | 1.3 | 45 | 03/10/2021 | 20:00 | 0.9 | 247.5 | 04/10/2021 | 20:00 | 1.8 | 90 |
| 01/10/2021 | 21:00 | 0.9 | 112.5 | 02/10/2021 | 21:00 | 1.8 | 67.5 | 03/10/2021 | 21:00 | 1.8 | 135 | 04/10/2021 | 21:00 | 2.7 | 270 |
| 01/10/2021 | 22:00 | 1.3 | 112.5 | 02/10/2021 | 22:00 | 2.2 | 45 | 03/10/2021 | 22:00 | 1.3 | 157.5 | 04/10/2021 | 22:00 | 2.2 | 270 |
| 01/10/2021 | 23:00 | 1.3 | 67.5 | 02/10/2021 | 23:00 | 0.9 | 22.5 | 03/10/2021 | 23:00 | 1.3 | 112.5 | 04/10/2021 | 23:00 | 2.2 | 292.5 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 05/10/2021 | 0:00 | 1.8 | 67.5 | 06/10/2021 | 0:00 | 1.3 | 112.5 | 07/10/2021 | 0:00 | 1.8 | 112.5 | 08/10/2021 | 0:00 | 1.8 | 67.5 |
| 05/10/2021 | 1:00 | 1.3 | 67.5 | 06/10/2021 | 1:00 | 1.3 | 112.5 | 07/10/2021 | 1:00 | 1.3 | 112.5 | 08/10/2021 | 1:00 | 2.2 | 90 |
| 05/10/2021 | 2:00 | 1.3 | 67.5 | 06/10/2021 | 2:00 | 1.3 | 135 | 07/10/2021 | 2:00 | 0.9 | 90 | 08/10/2021 | 2:00 | 1.3 | 90 |
| 05/10/2021 | 3:00 | 1.8 | 67.5 | 06/10/2021 | 3:00 | 0.9 | 135 | 07/10/2021 | 3:00 | 1.3 | 112.5 | 08/10/2021 | 3:00 | 1.3 | 67.5 |
| 05/10/2021 | 4:00 | 0.9 | 45 | 06/10/2021 | 4:00 | 1.3 | 135 | 07/10/2021 | 4:00 | 0.9 | 112.5 | 08/10/2021 | 4:00 | 1.3 | 45 |
| 05/10/2021 | 5:00 | 0.9 | 45 | 06/10/2021 | 5:00 | 0.9 | 135 | 07/10/2021 | 5:00 | 1.8 | 247.5 | 08/10/2021 | 5:00 | 0.9 | 45 |
| 05/10/2021 | 6:00 | 1.8 | 90 | 06/10/2021 | 6:00 | 1.3 | 112.5 | 07/10/2021 | 6:00 | 1.8 | 90 | 08/10/2021 | 6:00 | 1.3 | 45 |
| 05/10/2021 | 7:00 | 1.8 | 67.5 | 06/10/2021 | 7:00 | 1.8 | 135 | 07/10/2021 | 7:00 | 0.9 | 112.5 | 08/10/2021 | 7:00 | 0.9 | 112.5 |
| 05/10/2021 | 8:00 | 1.3 | 67.5 | 06/10/2021 | 8:00 | 2.7 | 135 | 07/10/2021 | 8:00 | 1.8 | 67.5 | 08/10/2021 | 8:00 | 1.3 | 22.5 |
| 05/10/2021 | 9:00 | 1.3 | 90 | 06/10/2021 | 9:00 | 2.7 | 225 | 07/10/2021 | 9:00 | 1.3 | 112.5 | 08/10/2021 | 9:00 | 1.8 | 90 |
| 05/10/2021 | 10:00 | 0.9 | 67.5 | 06/10/2021 | 10:00 | 1.8 | 67.5 | 07/10/2021 | 10:00 | 0.4 | 112.5 | 08/10/2021 | 10:00 | 1.3 | 112.5 |
| 05/10/2021 | 11:00 | 0.9 | 67.5 | 06/10/2021 | 11:00 | 1.3 | 67.5 | 07/10/2021 | 11:00 | 1.3 | 90 | 08/10/2021 | 11:00 | 1.8 | 112.5 |
| 05/10/2021 | 12:00 | 0.9 | 90 | 06/10/2021 | 12:00 | 1.8 | 90 | 07/10/2021 | 12:00 | 1.8 | 90 | 08/10/2021 | 12:00 | 1.3 | 90 |
| 05/10/2021 | 13:00 | 0.9 | 90 | 06/10/2021 | 13:00 | 1.8 | 112.5 | 07/10/2021 | 13:00 | 1.3 | 112.5 | 08/10/2021 | 13:00 | 1.8 | 90 |
| 05/10/2021 | 14:00 | 0.9 | 67.5 | 06/10/2021 | 14:00 | 0.9 | 112.5 | 07/10/2021 | 14:00 | 1.8 | 225 | 08/10/2021 | 14:00 | 1.3 | 112.5 |
| 05/10/2021 | 15:00 | 0.9 | 90 | 06/10/2021 | 15:00 | 0.9 | 90 | 07/10/2021 | 15:00 | 1.3 | 135 | 08/10/2021 | 15:00 | 0.9 | 90 |
| 05/10/2021 | 16:00 | 1.3 | 67.5 | 06/10/2021 | 16:00 | 1.3 | 112.5 | 07/10/2021 | 16:00 | 1.3 | 112.5 | 08/10/2021 | 16:00 | 1.8 | 112.5 |
| 05/10/2021 | 17:00 | 0.9 | 45 | 06/10/2021 | 17:00 | 0.9 | 112.5 | 07/10/2021 | 17:00 | 1.3 | 135 | 08/10/2021 | 17:00 | 1.8 | 112.5 |
| 05/10/2021 | 18:00 | 1.3 | 45 | 06/10/2021 | 18:00 | 1.3 | 112.5 | 07/10/2021 | 18:00 | 1.8 | 135 | 08/10/2021 | 18:00 | 1.8 | 90 |
| 05/10/2021 | 19:00 | 1.3 | 45 | 06/10/2021 | 19:00 | 1.3 | 135 | 07/10/2021 | 19:00 | 2.7 | 225 | 08/10/2021 | 19:00 | 1.3 | 112.5 |
| 05/10/2021 | 20:00 | 1.3 | 67.5 | 06/10/2021 | 20:00 | 1.3 | 157.5 | 07/10/2021 | 20:00 | 2.2 | 247.5 | 08/10/2021 | 20:00 | 0.9 | 90 |
| 05/10/2021 | 21:00 | 0.9 | 45 | 06/10/2021 | 21:00 | 0.9 | 112.5 | 07/10/2021 | 21:00 | 1.8 | 247.5 | 08/10/2021 | 21:00 | 1.3 | 90 |
| 05/10/2021 | 22:00 | 0.9 | 67.5 | 06/10/2021 | 22:00 | 0.9 | 135 | 07/10/2021 | 22:00 | 2.2 | 270 | 08/10/2021 | 22:00 | 0.9 | 112.5 |
| 05/10/2021 | 23:00 | 1.3 | 45 | 06/10/2021 | 23:00 | 1.3 | 112.5 | 07/10/2021 | 23:00 | 2.2 | 112.5 | 08/10/2021 | 23:00 | 1.8 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 09/10/2021 | 0:00 | 3.1 | 90 | 10/10/2021 | 0:00 | 2.7 | 67.5 | 11/10/2021 | 0:00 | 0.9 | 247.5 | 12/10/2021 | 0:00 | 1.8 | 22.5 |
| 09/10/2021 | 1:00 | 3.6 | 90 | 10/10/2021 | 1:00 | 2.7 | 67.5 | 11/10/2021 | 1:00 | 0.4 | 247.5 | 12/10/2021 | 1:00 | 1.8 | 225 |
| 09/10/2021 | 2:00 | 3.1 | 112.5 | 10/10/2021 | 2:00 | 1.8 | 90 | 11/10/2021 | 2:00 | 1.3 | 270 | 12/10/2021 | 2:00 | 2.7 | 247.5 |
| 09/10/2021 | 3:00 | 3.6 | 90 | 10/10/2021 | 3:00 | 2.2 | 112.5 | 11/10/2021 | 3:00 | 1.8 | 270 | 12/10/2021 | 3:00 | 2.7 | 247.5 |
| 09/10/2021 | 4:00 | 2.7 | 112.5 | 10/10/2021 | 4:00 | 2.2 | 90 | 11/10/2021 | 4:00 | 2.2 | 157.5 | 12/10/2021 | 4:00 | 2.2 | 135 |
| 09/10/2021 | 5:00 | 3.1 | 90 | 10/10/2021 | 5:00 | 2.2 | 90 | 11/10/2021 | 5:00 | 0.9 | 270 | 12/10/2021 | 5:00 | 1.8 | 45 |
| 09/10/2021 | 6:00 | 3.6 | 90 | 10/10/2021 | 6:00 | 2.7 | 67.5 | 11/10/2021 | 6:00 | 0.9 | 22.5 | 12/10/2021 | 6:00 | 1.3 | 225 |
| 09/10/2021 | 7:00 | 3.6 | 112.5 | 10/10/2021 | 7:00 | 3.1 | 45 | 11/10/2021 | 7:00 | 0.9 | 112.5 | 12/10/2021 | 7:00 | 1.3 | 247.5 |
| 09/10/2021 | 8:00 | 4.5 | 90 | 10/10/2021 | 8:00 | 2.7 | 67.5 | 11/10/2021 | 8:00 | 0.9 | 22.5 | 12/10/2021 | 8:00 | 1.8 | 270 |
| 09/10/2021 | 9:00 | 3.1 | 90 | 10/10/2021 | 9:00 | 2.2 | 90 | 11/10/2021 | 9:00 | 0.9 | 247.5 | 12/10/2021 | 9:00 | 2.7 | 225 |
| 09/10/2021 | 10:00 | 3.1 | 90 | 10/10/2021 | 10:00 | 2.7 | 67.5 | 11/10/2021 | 10:00 | 0.9 | 112.5 | 12/10/2021 | 10:00 | 2.2 | 337.5 |
| 09/10/2021 | 11:00 | 3.1 | 90 | 10/10/2021 | 11:00 | 2.7 | 112.5 | 11/10/2021 | 11:00 | 1.8 | 337.5 | 12/10/2021 | 11:00 | 1.8 | 202.5 |
| 09/10/2021 | 12:00 | 2.7 | 90 | 10/10/2021 | 12:00 | 2.7 | 67.5 | 11/10/2021 | 12:00 | 1.8 | 45 | 12/10/2021 | 12:00 | 1.8 | 67.5 |
| 09/10/2021 | 13:00 | 2.7 | 112.5 | 10/10/2021 | 13:00 | 3.1 | 90 | 11/10/2021 | 13:00 | 1.8 | 45 | 12/10/2021 | 13:00 | 1.8 | 22.5 |
| 09/10/2021 | 14:00 | 2.7 | 90 | 10/10/2021 | 14:00 | 2.7 | 67.5 | 11/10/2021 | 14:00 | 1.8 | 45 | 12/10/2021 | 14:00 | 1.3 | 270 |
| 09/10/2021 | 15:00 | 3.1 | 90 | 10/10/2021 | 15:00 | 2.2 | 90 | 11/10/2021 | 15:00 | 2.2 | 67.5 | 12/10/2021 | 15:00 | 1.3 | 90 |
| 09/10/2021 | 16:00 | 3.1 | 90 | 10/10/2021 | 16:00 | 1.3 | 45 | 11/10/2021 | 16:00 | 2.2 | 135 | 12/10/2021 | 16:00 | 1.3 | 45 |
| 09/10/2021 | 17:00 | 3.6 | 90 | 10/10/2021 | 17:00 | 0.9 | 135 | 11/10/2021 | 17:00 | 2.2 | 112.5 | 12/10/2021 | 17:00 | 1.3 | 45 |
| 09/10/2021 | 18:00 | 3.6 | 90 | 10/10/2021 | 18:00 | 1.8 | 112.5 | 11/10/2021 | 18:00 | 1.8 | 90 | 12/10/2021 | 18:00 | 1.8 | 45 |
| 09/10/2021 | 19:00 | 3.6 | 90 | 10/10/2021 | 19:00 | 2.2 | 67.5 | 11/10/2021 | 19:00 | 1.8 | 270 | 12/10/2021 | 19:00 | 1.8 | 45 |
| 09/10/2021 | 20:00 | 3.1 | 112.5 | 10/10/2021 | 20:00 | 1.3 | 112.5 | 11/10/2021 | 20:00 | 1.3 | 45 | 12/10/2021 | 20:00 | 1.3 | 22.5 |
| 09/10/2021 | 21:00 | 2.7 | 112.5 | 10/10/2021 | 21:00 | 1.3 | 90 | 11/10/2021 | 21:00 | 1.3 | 22.5 | 12/10/2021 | 21:00 | 1.8 | 22.5 |
| 09/10/2021 | 22:00 | 2.7 | 112.5 | 10/10/2021 | 22:00 | 2.2 | 135 | 11/10/2021 | 22:00 | 1.3 | 45 | 12/10/2021 | 22:00 | 1.3 | 45 |
| 09/10/2021 | 23:00 | 3.1 | 90 | 10/10/2021 | 23:00 | 1.3 | 90 | 11/10/2021 | 23:00 | 0.9 | 67.5 | 12/10/2021 | 23:00 | 2.2 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13/10/2021 | 0:00 | 0.9 | 22.5 | 14/10/2021 | 0:00 | 1.3 | 90 | 15/10/2021 | 0:00 | 0.9 | 292.5 | 16/10/2021 | 0:00 | 0.9 | 292.5 |
| 13/10/2021 | 1:00 | 3.6 | 67.5 | 14/10/2021 | 1:00 | 1.3 | 90 | 15/10/2021 | 1:00 | 1.3 | 292.5 | 16/10/2021 | 1:00 | 0.9 | 292.5 |
| 13/10/2021 | 2:00 | 4.5 | 292.5 | 14/10/2021 | 2:00 | 0.9 | 90 | 15/10/2021 | 2:00 | 0.4 | 292.5 | 16/10/2021 | 2:00 | 1.3 | 292.5 |
| 13/10/2021 | 3:00 | 3.6 | 22.5 | 14/10/2021 | 3:00 | 1.3 | 67.5 | 15/10/2021 | 3:00 | 0.4 | 292.5 | 16/10/2021 | 3:00 | 0.9 | 225 |
| 13/10/2021 | 4:00 | 3.6 | 45 | 14/10/2021 | 4:00 | 0.9 | 112.5 | 15/10/2021 | 4:00 | 0.9 | 292.5 | 16/10/2021 | 4:00 | 0.9 | 247.5 |
| 13/10/2021 | 5:00 | 3.1 | 67.5 | 14/10/2021 | 5:00 | 0.9 | 45 | 15/10/2021 | 5:00 | 0.9 | 292.5 | 16/10/2021 | 5:00 | 0.9 | 270 |
| 13/10/2021 | 6:00 | 3.6 | 67.5 | 14/10/2021 | 6:00 | 0.9 | 90 | 15/10/2021 | 6:00 | 0.9 | 292.5 | 16/10/2021 | 6:00 | 0.9 | 112.5 |
| 13/10/2021 | 7:00 | 2.7 | 67.5 | 14/10/2021 | 7:00 | 1.3 | 67.5 | 15/10/2021 | 7:00 | 0.9 | 22.5 | 16/10/2021 | 7:00 | 0.9 | 22.5 |
| 13/10/2021 | 8:00 | 2.7 | 67.5 | 14/10/2021 | 8:00 | 0.9 | 67.5 | 15/10/2021 | 8:00 | 0.4 | 22.5 | 16/10/2021 | 8:00 | 0.9 | 202.5 |
| 13/10/2021 | 9:00 | 3.1 | 67.5 | 14/10/2021 | 9:00 | 0.4 | 45 | 15/10/2021 | 9:00 | 0.9 | 22.5 | 16/10/2021 | 9:00 | 0.9 | 45 |
| 13/10/2021 | 10:00 | 3.6 | 45 | 14/10/2021 | 10:00 | 0.9 | 112.5 | 15/10/2021 | 10:00 | 0.4 | 22.5 | 16/10/2021 | 10:00 | 0.4 | 67.5 |
| 13/10/2021 | 11:00 | 3.6 | 45 | 14/10/2021 | 11:00 | 0.9 | 67.5 | 15/10/2021 | 11:00 | 1.3 | 337.5 | 16/10/2021 | 11:00 | 0.9 | 45 |
| 13/10/2021 | 12:00 | 3.1 | 90 | 14/10/2021 | 12:00 | 0.4 | 67.5 | 15/10/2021 | 12:00 | 1.3 | 315 | 16/10/2021 | 12:00 | 0.4 | 337.5 |
| 13/10/2021 | 13:00 | 3.6 | 67.5 | 14/10/2021 | 13:00 | 0.9 | 337.5 | 15/10/2021 | 13:00 | 1.3 | 112.5 | 16/10/2021 | 13:00 | 0.9 | 315 |
| 13/10/2021 | 14:00 | 3.6 | 67.5 | 14/10/2021 | 14:00 | 0.9 | 90 | 15/10/2021 | 14:00 | 0.9 | 90 | 16/10/2021 | 14:00 | 0.9 | 270 |
| 13/10/2021 | 15:00 | 2.7 | 90 | 14/10/2021 | 15:00 | 1.3 | 45 | 15/10/2021 | 15:00 | 1.3 | 90 | 16/10/2021 | 15:00 | 0.9 | 112.5 |
| 13/10/2021 | 16:00 | 3.6 | 67.5 | 14/10/2021 | 16:00 | 0.9 | 67.5 | 15/10/2021 | 16:00 | 2.2 | 315 | 16/10/2021 | 16:00 | 1.3 | 247.5 |
| 13/10/2021 | 17:00 | 3.1 | 67.5 | 14/10/2021 | 17:00 | 0.9 | 90 | 15/10/2021 | 17:00 | 1.3 | 135 | 16/10/2021 | 17:00 | 1.3 | 22.5 |
| 13/10/2021 | 18:00 | 2.7 | 90 | 14/10/2021 | 18:00 | 0.4 | 45 | 15/10/2021 | 18:00 | 1.3 | 22.5 | 16/10/2021 | 18:00 | 0.9 | 22.5 |
| 13/10/2021 | 19:00 | 3.1 | 45 | 14/10/2021 | 19:00 | 0.9 | 45 | 15/10/2021 | 19:00 | 0.9 | 67.5 | 16/10/2021 | 19:00 | 0.4 | 45 |
| 13/10/2021 | 20:00 | 3.1 | 67.5 | 14/10/2021 | 20:00 | 0.9 | 22.5 | 15/10/2021 | 20:00 | 0.4 | 45 | 16/10/2021 | 20:00 | 0.9 | 112.5 |
| 13/10/2021 | 21:00 | 2.7 | 45 | 14/10/2021 | 21:00 | 1.3 | 337.5 | 15/10/2021 | 21:00 | 0.9 | 225 | 16/10/2021 | 21:00 | 1.3 | 22.5 |
| 13/10/2021 | 22:00 | 3.1 | 270 | 14/10/2021 | 22:00 | 0.9 | 45 | 15/10/2021 | 22:00 | 1.3 | 315 | 16/10/2021 | 22:00 | 0.9 | 157.5 |
| 13/10/2021 | 23:00 | 2.2 | 202.5 | 14/10/2021 | 23:00 | 1.3 | 45 | 15/10/2021 | 23:00 | 0.9 | 315 | 16/10/2021 | 23:00 | 0.9 | 90 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17/10/2021 | 0:00 | 0.4 | 45 | 18/10/2021 | 0:00 | 1.3 | 315 | 19/10/2021 | 0:00 | 0.9 | 67.5 | 20/10/2021 | 0:00 | 0.4 | 45 |
| 17/10/2021 | 1:00 | 0.9 | 45 | 18/10/2021 | 1:00 | 1.3 | 270 | 19/10/2021 | 1:00 | 0.9 | 112.5 | 20/10/2021 | 1:00 | 0.9 | 112.5 |
| 17/10/2021 | 2:00 | 0.4 | 45 | 18/10/2021 | 2:00 | 0.9 | 270 | 19/10/2021 | 2:00 | 0.4 | 90 | 20/10/2021 | 2:00 | 0.4 | 112.5 |
| 17/10/2021 | 3:00 | 0.9 | 22.5 | 18/10/2021 | 3:00 | 0.9 | 247.5 | 19/10/2021 | 3:00 | 0.9 | 90 | 20/10/2021 | 3:00 | 0.4 | 135 |
| 17/10/2021 | 4:00 | 1.3 | 45 | 18/10/2021 | 4:00 | 0.9 | 247.5 | 19/10/2021 | 4:00 | 0.9 | 45 | 20/10/2021 | 4:00 | 0.4 | 112.5 |
| 17/10/2021 | 5:00 | 0.9 | 22.5 | 18/10/2021 | 5:00 | 0.9 | 247.5 | 19/10/2021 | 5:00 | 0.9 | 45 | 20/10/2021 | 5:00 | 0.4 | 112.5 |
| 17/10/2021 | 6:00 | 0.4 | 45 | 18/10/2021 | 6:00 | 0.9 | 247.5 | 19/10/2021 | 6:00 | 0.9 | 45 | 20/10/2021 | 6:00 | 0.4 | 90 |
| 17/10/2021 | 7:00 | 0.4 | 337.5 | 18/10/2021 | 7:00 | 0.9 | 45 | 19/10/2021 | 7:00 | 0.4 | 90 | 20/10/2021 | 7:00 | 0.4 | 135 |
| 17/10/2021 | 8:00 | 0.9 | 337.5 | 18/10/2021 | 8:00 | 0.9 | 22.5 | 19/10/2021 | 8:00 | 0.4 | 45 | 20/10/2021 | 8:00 | 0.4 | 67.5 |
| 17/10/2021 | 9:00 | 0.4 | 337.5 | 18/10/2021 | 9:00 | 0.4 | 90 | 19/10/2021 | 9:00 | 0.4 | 90 | 20/10/2021 | 9:00 | 0.9 | 112.5 |
| 17/10/2021 | 10:00 | 0.9 | 337.5 | 18/10/2021 | 10:00 | 0.4 | 22.5 | 19/10/2021 | 10:00 | 0.9 | 202.5 | 20/10/2021 | 10:00 | 0.9 | 112.5 |
| 17/10/2021 | 11:00 | 0.9 | 337.5 | 18/10/2021 | 11:00 | 0.4 | 90 | 19/10/2021 | 11:00 | 0.9 | 337.5 | 20/10/2021 | 11:00 | 1.3 | 135 |
| 17/10/2021 | 12:00 | 2.2 | 337.5 | 18/10/2021 | 12:00 | 0.4 | 112.5 | 19/10/2021 | 12:00 | 0.4 | 112.5 | 20/10/2021 | 12:00 | 1.3 | 90 |
| 17/10/2021 | 13:00 | 2.7 | 337.5 | 18/10/2021 | 13:00 | 0.4 | 67.5 | 19/10/2021 | 13:00 | 0.4 | 112.5 | 20/10/2021 | 13:00 | 1.3 | 112.5 |
| 17/10/2021 | 14:00 | 2.7 | 90 | 18/10/2021 | 14:00 | 0.4 | 112.5 | 19/10/2021 | 14:00 | 0.9 | 112.5 | 20/10/2021 | 14:00 | 1.3 | 112.5 |
| 17/10/2021 | 15:00 | 2.7 | 45 | 18/10/2021 | 15:00 | 0.4 | 112.5 | 19/10/2021 | 15:00 | 0.9 | 90 | 20/10/2021 | 15:00 | 0.9 | 67.5 |
| 17/10/2021 | 16:00 | 2.2 | 90 | 18/10/2021 | 16:00 | 0.9 | 112.5 | 19/10/2021 | 16:00 | 0.9 | 337.5 | 20/10/2021 | 16:00 | 0.9 | 67.5 |
| 17/10/2021 | 17:00 | 1.8 | 247.5 | 18/10/2021 | 17:00 | 0.9 | 112.5 | 19/10/2021 | 17:00 | 0.9 | 90 | 20/10/2021 | 17:00 | 1.3 | 112.5 |
| 17/10/2021 | 18:00 | 1.8 | 225 | 18/10/2021 | 18:00 | 0.9 | 22.5 | 19/10/2021 | 18:00 | 0.4 | 135 | 20/10/2021 | 18:00 | 1.3 | 315 |
| 17/10/2021 | 19:00 | 1.3 | 135 | 18/10/2021 | 19:00 | 0.4 | 90 | 19/10/2021 | 19:00 | 0.9 | 90 | 20/10/2021 | 19:00 | 1.3 | 90 |
| 17/10/2021 | 20:00 | 0.9 | 90 | 18/10/2021 | 20:00 | 0.4 | 157.5 | 19/10/2021 | 20:00 | 0.4 | 45 | 20/10/2021 | 20:00 | 1.3 | 22.5 |
| 17/10/2021 | 21:00 | 0.9 | 112.5 | 18/10/2021 | 21:00 | 0.4 | 45 | 19/10/2021 | 21:00 | 0.9 | 135 | 20/10/2021 | 21:00 | 1.3 | 135 |
| 17/10/2021 | 22:00 | 0.9 | 90 | 18/10/2021 | 22:00 | 0.4 | 112.5 | 19/10/2021 | 22:00 | 0.9 | 112.5 | 20/10/2021 | 22:00 | 1.3 | 90 |
| 17/10/2021 | 23:00 | 0.9 | 90 | 18/10/2021 | 23:00 | 0.4 | 45 | 19/10/2021 | 23:00 | 1.3 | 112.5 | 20/10/2021 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21/10/2021 | 0:00 | 0.9 | 112.5 | 22/10/2021 | 0:00 | 1.3 | 337.5 | 23/10/2021 | 0:00 | 0.9 | 292.5 | 24/10/2021 | 0:00 | 1.3 | 247.5 |
| 21/10/2021 | 1:00 | 0.9 | 22.5 | 22/10/2021 | 1:00 | 0.9 | 22.5 | 23/10/2021 | 1:00 | 0.4 | 315 | 24/10/2021 | 1:00 | 1.3 | 292.5 |
| 21/10/2021 | 2:00 | 0.9 | 45 | 22/10/2021 | 2:00 | 0.4 | 337.5 | 23/10/2021 | 2:00 | 0.4 | 225 | 24/10/2021 | 2:00 | 0.9 | 157.5 |
| 21/10/2021 | 3:00 | 0.9 | 90 | 22/10/2021 | 3:00 | 0.9 | 337.5 | 23/10/2021 | 3:00 | 0.4 | 337.5 | 24/10/2021 | 3:00 | 0.9 | 247.5 |
| 21/10/2021 | 4:00 | 1.3 | 157.5 | 22/10/2021 | 4:00 | 0.9 | 225 | 23/10/2021 | 4:00 | 0.4 | 337.5 | 24/10/2021 | 4:00 | 1.3 | 225 |
| 21/10/2021 | 5:00 | 0.9 | 135 | 22/10/2021 | 5:00 | 0.9 | 67.5 | 23/10/2021 | 5:00 | 0.4 | 225 | 24/10/2021 | 5:00 | 1.3 | 45 |
| 21/10/2021 | 6:00 | 0.9 | 112.5 | 22/10/2021 | 6:00 | 0.9 | 247.5 | 23/10/2021 | 6:00 | 0.9 | 337.5 | 24/10/2021 | 6:00 | 1.8 | 337.5 |
| 21/10/2021 | 7:00 | 1.3 | 112.5 | 22/10/2021 | 7:00 | 1.3 | 225 | 23/10/2021 | 7:00 | 0.4 | 337.5 | 24/10/2021 | 7:00 | 1.3 | 247.5 |
| 21/10/2021 | 8:00 | 1.3 | 112.5 | 22/10/2021 | 8:00 | 1.3 | 247.5 | 23/10/2021 | 8:00 | 0.9 | 315 | 24/10/2021 | 8:00 | 1.3 | 247.5 |
| 21/10/2021 | 9:00 | 0.9 | 112.5 | 22/10/2021 | 9:00 | 0.9 | 202.5 | 23/10/2021 | 9:00 | 0.9 | 225 | 24/10/2021 | 9:00 | 1.3 | 247.5 |
| 21/10/2021 | 10:00 | 1.3 | 67.5 | 22/10/2021 | 10:00 | 0.9 | 202.5 | 23/10/2021 | 10:00 | 0.9 | 247.5 | 24/10/2021 | 10:00 | 1.3 | 225 |
| 21/10/2021 | 11:00 | 0.9 | 112.5 | 22/10/2021 | 11:00 | 0.4 | 247.5 | 23/10/2021 | 11:00 | 0.4 | 112.5 | 24/10/2021 | 11:00 | 1.3 | 270 |
| 21/10/2021 | 12:00 | 0.9 | 112.5 | 22/10/2021 | 12:00 | 0.4 | 247.5 | 23/10/2021 | 12:00 | 0.9 | 315 | 24/10/2021 | 12:00 | 1.8 | 157.5 |
| 21/10/2021 | 13:00 | 1.3 | 135 | 22/10/2021 | 13:00 | 0.4 | 247.5 | 23/10/2021 | 13:00 | 0.9 | 337.5 | 24/10/2021 | 13:00 | 1.8 | 247.5 |
| 21/10/2021 | 14:00 | 0.9 | 90 | 22/10/2021 | 14:00 | 0.4 | 225 | 23/10/2021 | 14:00 | 0.4 | 45 | 24/10/2021 | 14:00 | 1.3 | 180 |
| 21/10/2021 | 15:00 | 1.3 | 112.5 | 22/10/2021 | 15:00 | 0.4 | 202.5 | 23/10/2021 | 15:00 | 0.9 | 45 | 24/10/2021 | 15:00 | 1.3 | 90 |
| 21/10/2021 | 16:00 | 1.3 | 112.5 | 22/10/2021 | 16:00 | 0.4 | 225 | 23/10/2021 | 16:00 | 0.4 | 45 | 24/10/2021 | 16:00 | 1.3 | 90 |
| 21/10/2021 | 17:00 | 1.8 | 112.5 | 22/10/2021 | 17:00 | 1.3 | 225 | 23/10/2021 | 17:00 | 0.4 | 135 | 24/10/2021 | 17:00 | 0.9 | 90 |
| 21/10/2021 | 18:00 | 1.3 | 112.5 | 22/10/2021 | 18:00 | 1.3 | 225 | 23/10/2021 | 18:00 | 0.9 | 90 | 24/10/2021 | 18:00 | 0.9 | 112.5 |
| 21/10/2021 | 19:00 | 0.9 | 112.5 | 22/10/2021 | 19:00 | 1.3 | 292.5 | 23/10/2021 | 19:00 | 0.9 | 337.5 | 24/10/2021 | 19:00 | 0.9 | 90 |
| 21/10/2021 | 20:00 | 0.9 | 112.5 | 22/10/2021 | 20:00 | 0.9 | 270 | 23/10/2021 | 20:00 | 0.9 | 90 | 24/10/2021 | 20:00 | 1.3 | 112.5 |
| 21/10/2021 | 21:00 | 1.3 | 112.5 | 22/10/2021 | 21:00 | 0.9 | 247.5 | 23/10/2021 | 21:00 | 0.9 | 67.5 | 24/10/2021 | 21:00 | 1.8 | 112.5 |
| 21/10/2021 | 22:00 | 0.9 | 112.5 | 22/10/2021 | 22:00 | 0.9 | 270 | 23/10/2021 | 22:00 | 1.3 | 315 | 24/10/2021 | 22:00 | 1.8 | 112.5 |
| 21/10/2021 | 23:00 | 0.9 | 112.5 | 22/10/2021 | 23:00 | 0.9 | 247.5 | 23/10/2021 | 23:00 | 0.4 | 157.5 | 24/10/2021 | 23:00 | 1.8 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25/10/2021 | 0:00 | 0.4 | 45 | 26/10/2021 | 0:00 | 0.4 | 22.5 | 27/10/2021 | 0:00 | 0.4 | 112.5 | 28/10/2021 | 0:00 | 0.9 | 90 |
| 25/10/2021 | 1:00 | 0.4 | 45 | 26/10/2021 | 1:00 | 1.8 | 45 | 27/10/2021 | 1:00 | 0.9 | 135 | 28/10/2021 | 1:00 | 0.4 | 90 |
| 25/10/2021 | 2:00 | 0.4 | 67.5 | 26/10/2021 | 2:00 | 1.8 | 90 | 27/10/2021 | 2:00 | 0.9 | 90 | 28/10/2021 | 2:00 | 0.4 | 45 |
| 25/10/2021 | 3:00 | 0.4 | 135 | 26/10/2021 | 3:00 | 2.2 | 67.5 | 27/10/2021 | 3:00 | 1.3 | 112.5 | 28/10/2021 | 3:00 | 0.9 | 112.5 |
| 25/10/2021 | 4:00 | 0.9 | 180 | 26/10/2021 | 4:00 | 1.3 | 22.5 | 27/10/2021 | 4:00 | 1.8 | 112.5 | 28/10/2021 | 4:00 | 0.9 | 112.5 |
| 25/10/2021 | 5:00 | 1.3 | 202.5 | 26/10/2021 | 5:00 | 1.8 | 270 | 27/10/2021 | 5:00 | 0.9 | 337.5 | 28/10/2021 | 5:00 | 1.3 | 270 |
| 25/10/2021 | 6:00 | 0.4 | 157.5 | 26/10/2021 | 6:00 | 2.2 | 337.5 | 27/10/2021 | 6:00 | 1.3 | 22.5 | 28/10/2021 | 6:00 | 0.9 | 45 |
| 25/10/2021 | 7:00 | 0.4 | 202.5 | 26/10/2021 | 7:00 | 1.3 | 112.5 | 27/10/2021 | 7:00 | 0.9 | 112.5 | 28/10/2021 | 7:00 | 0.4 | 45 |
| 25/10/2021 | 8:00 | 0.4 | 225 | 26/10/2021 | 8:00 | 1.3 | 90 | 27/10/2021 | 8:00 | 0.9 | 67.5 | 28/10/2021 | 8:00 | 0.9 | 45 |
| 25/10/2021 | 9:00 | 0.4 | 225 | 26/10/2021 | 9:00 | 0.9 | 112.5 | 27/10/2021 | 9:00 | 1.3 | 90 | 28/10/2021 | 9:00 | 1.3 | 337.5 |
| 25/10/2021 | 10:00 | 0.4 | 202.5 | 26/10/2021 | 10:00 | 0.9 | 112.5 | 27/10/2021 | 10:00 | 0.9 | 22.5 | 28/10/2021 | 10:00 | 1.3 | 45 |
| 25/10/2021 | 11:00 | 1.3 | 202.5 | 26/10/2021 | 11:00 | 0.9 | 112.5 | 27/10/2021 | 11:00 | 0.9 | 67.5 | 28/10/2021 | 11:00 | 0.9 | 22.5 |
| 25/10/2021 | 12:00 | 1.3 | 225 | 26/10/2021 | 12:00 | 1.3 | 90 | 27/10/2021 | 12:00 | 0.4 | 112.5 | 28/10/2021 | 12:00 | 1.3 | 112.5 |
| 25/10/2021 | 13:00 | 1.3 | 45 | 26/10/2021 | 13:00 | 1.3 | 112.5 | 27/10/2021 | 13:00 | 0.9 | 45 | 28/10/2021 | 13:00 | 1.3 | 112.5 |
| 25/10/2021 | 14:00 | 1.3 | 67.5 | 26/10/2021 | 14:00 | 0.9 | 112.5 | 27/10/2021 | 14:00 | 0.9 | 112.5 | 28/10/2021 | 14:00 | 1.3 | 112.5 |
| 25/10/2021 | 15:00 | 0.9 | 112.5 | 26/10/2021 | 15:00 | 0.9 | 22.5 | 27/10/2021 | 15:00 | 0.4 | 292.5 | 28/10/2021 | 15:00 | 0.9 | 157.5 |
| 25/10/2021 | 16:00 | 0.9 | 180 | 26/10/2021 | 16:00 | 1.3 | 22.5 | 27/10/2021 | 16:00 | 0.9 | 112.5 | 28/10/2021 | 16:00 | 0.9 | 135 |
| 25/10/2021 | 17:00 | 0.9 | 202.5 | 26/10/2021 | 17:00 | 1.3 | 67.5 | 27/10/2021 | 17:00 | 1.3 | 90 | 28/10/2021 | 17:00 | 0.9 | 90 |
| 25/10/2021 | 18:00 | 0.4 | 247.5 | 26/10/2021 | 18:00 | 0.9 | 337.5 | 27/10/2021 | 18:00 | 0.9 | 135 | 28/10/2021 | 18:00 | 1.3 | 112.5 |
| 25/10/2021 | 19:00 | 0.4 | 135 | 26/10/2021 | 19:00 | 0.9 | 90 | 27/10/2021 | 19:00 | 0.9 | 22.5 | 28/10/2021 | 19:00 | 1.3 | 112.5 |
| 25/10/2021 | 20:00 | 0.9 | 337.5 | 26/10/2021 | 20:00 | 0.9 | 337.5 | 27/10/2021 | 20:00 | 0.9 | 22.5 | 28/10/2021 | 20:00 | 0.9 | 112.5 |
| 25/10/2021 | 21:00 | 0.9 | 135 | 26/10/2021 | 21:00 | 1.3 | 112.5 | 27/10/2021 | 21:00 | 1.3 | 112.5 | 28/10/2021 | 21:00 | 0.9 | 90 |
| 25/10/2021 | 22:00 | 0.9 | 90 | 26/10/2021 | 22:00 | 1.3 | 22.5 | 27/10/2021 | 22:00 | 0.9 | 90 | 28/10/2021 | 22:00 | 1.3 | 112.5 |
| 25/10/2021 | 23:00 | 1.3 | 90 | 26/10/2021 | 23:00 | 0.9 | 67.5 | 27/10/2021 | 23:00 | 0.9 | 67.5 | 28/10/2021 | 23:00 | 0.9 | 157.5 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29/10/2021 | 0:00 | 1.3 | 112.5 | 30/10/2021 | 0:00 | 0.9 | 337.5 | 31/10/2021 | 0:00 | 0.9 | 247.5 | | | | |
| 29/10/2021 | 1:00 | 1.3 | 112.5 | 30/10/2021 | 1:00 | 0.4 | 135 | 31/10/2021 | 1:00 | 0.9 | 67.5 | | | | |
| 29/10/2021 | 2:00 | 1.3 | 90 | 30/10/2021 | 2:00 | 0.4 | 112.5 | 31/10/2021 | 2:00 | 1.8 | 90 | | | | |
| 29/10/2021 | 3:00 | 1.8 | 135 | 30/10/2021 | 3:00 | 1.3 | 90 | 31/10/2021 | 3:00 | 1.8 | 45 | | | | |
| 29/10/2021 | 4:00 | 1.8 | 90 | 30/10/2021 | 4:00 | 1.8 | 112.5 | 31/10/2021 | 4:00 | 2.2 | 67.5 | | | | |
| 29/10/2021 | 5:00 | 1.8 | 157.5 | 30/10/2021 | 5:00 | 1.8 | 112.5 | 31/10/2021 | 5:00 | 2.2 | 90 | | | | |
| 29/10/2021 | 6:00 | 2.2 | 135 | 30/10/2021 | 6:00 | 1.3 | 45 | 31/10/2021 | 6:00 | 2.2 | 67.5 | | | | |
| 29/10/2021 | 7:00 | 1.8 | 135 | 30/10/2021 | 7:00 | 0.9 | 135 | 31/10/2021 | 7:00 | 1.8 | 67.5 | | | | |
| 29/10/2021 | 8:00 | 2.2 | 112.5 | 30/10/2021 | 8:00 | 0.4 | 112.5 | 31/10/2021 | 8:00 | 2.2 | 112.5 | | | | |
| 29/10/2021 | 9:00 | 1.3 | 90 | 30/10/2021 | 9:00 | 0.4 | 90 | 31/10/2021 | 9:00 | 2.2 | 90 | | | | |
| 29/10/2021 | 10:00 | 1.3 | 22.5 | 30/10/2021 | 10:00 | 0.9 | 45 | 31/10/2021 | 10:00 | 0.9 | 112.5 | | | | |
| 29/10/2021 | 11:00 | 1.8 | 337.5 | 30/10/2021 | 11:00 | 1.3 | 112.5 | 31/10/2021 | 11:00 | 1.3 | 67.5 | | | | |
| 29/10/2021 | 12:00 | 1.3 | 292.5 | 30/10/2021 | 12:00 | 1.3 | 90 | 31/10/2021 | 12:00 | 0.9 | 45 | | | | |
| 29/10/2021 | 13:00 | 1.3 | 112.5 | 30/10/2021 | 13:00 | 0.9 | 112.5 | 31/10/2021 | 13:00 | 0.9 | 112.5 | | | | |
| 29/10/2021 | 14:00 | 1.3 | 135 | 30/10/2021 | 14:00 | 0.9 | 22.5 | 31/10/2021 | 14:00 | 0.4 | 90 | | | | |
| 29/10/2021 | 15:00 | 1.3 | 180 | 30/10/2021 | 15:00 | 1.3 | 112.5 | 31/10/2021 | 15:00 | 0.9 | 45 | | | | |
| 29/10/2021 | 16:00 | 0.9 | 135 | 30/10/2021 | 16:00 | 0.9 | 112.5 | 31/10/2021 | 16:00 | 0.9 | 112.5 | | | | |
| 29/10/2021 | 17:00 | 1.3 | 112.5 | 30/10/2021 | 17:00 | 0.9 | 112.5 | 31/10/2021 | 17:00 | 1.3 | 90 | | | | |
| 29/10/2021 | 18:00 | 1.3 | 225 | 30/10/2021 | 18:00 | 0.9 | 135 | 31/10/2021 | 18:00 | 1.3 | 112.5 | | | | |
| 29/10/2021 | 19:00 | 1.3 | 157.5 | 30/10/2021 | 19:00 | 1.3 | 112.5 | 31/10/2021 | 19:00 | 1.8 | 22.5 | | | | |
| 29/10/2021 | 20:00 | 1.3 | 112.5 | 30/10/2021 | 20:00 | 0.9 | 90 | 31/10/2021 | 20:00 | 0.9 | 112.5 | | | | |
| 29/10/2021 | 21:00 | 2.7 | 112.5 | 30/10/2021 | 21:00 | 0.9 | 112.5 | 31/10/2021 | 21:00 | 0.9 | 112.5 | | | | |
| 29/10/2021 | 22:00 | 1.3 | 112.5 | 30/10/2021 | 22:00 | 1.3 | 90 | 31/10/2021 | 22:00 | 0.4 | 112.5 | | | | |
| 29/10/2021 | 23:00 | 1.3 | 112.5 | 30/10/2021 | 23:00 | 1.3 | 112.5 | 31/10/2021 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01/11/2021 | 0:00 | 0.9 | 45 | 02/11/2021 | 0:00 | 1.3 | 45 | 03/11/2021 | 0:00 | 0.4 | 22.5 | 04/11/2021 | 0:00 | 1.8 | 90 |
| 01/11/2021 | 1:00 | 0.9 | 22.5 | 02/11/2021 | 1:00 | 1.3 | 67.5 | 03/11/2021 | 1:00 | 0.9 | 90 | 04/11/2021 | 1:00 | 1.3 | 112.5 |
| 01/11/2021 | 2:00 | 0.9 | 90 | 02/11/2021 | 2:00 | 1.3 | 90 | 03/11/2021 | 2:00 | 0.9 | 112.5 | 04/11/2021 | 2:00 | 1.3 | 112.5 |
| 01/11/2021 | 3:00 | 0.4 | 225 | 02/11/2021 | 3:00 | 0.9 | 90 | 03/11/2021 | 3:00 | 1.3 | 112.5 | 04/11/2021 | 3:00 | 1.3 | 90 |
| 01/11/2021 | 4:00 | 1.3 | 225 | 02/11/2021 | 4:00 | 1.8 | 90 | 03/11/2021 | 4:00 | 1.3 | 135 | 04/11/2021 | 4:00 | 1.3 | 90 |
| 01/11/2021 | 5:00 | 1.8 | 22.5 | 02/11/2021 | 5:00 | 1.3 | 90 | 03/11/2021 | 5:00 | 1.3 | 112.5 | 04/11/2021 | 5:00 | 1.3 | 90 |
| 01/11/2021 | 6:00 | 0.9 | 337.5 | 02/11/2021 | 6:00 | 2.2 | 112.5 | 03/11/2021 | 6:00 | 0.9 | 112.5 | 04/11/2021 | 6:00 | 0.9 | 112.5 |
| 01/11/2021 | 7:00 | 0.9 | 337.5 | 02/11/2021 | 7:00 | 1.8 | 112.5 | 03/11/2021 | 7:00 | 1.3 | 112.5 | 04/11/2021 | 7:00 | 0.9 | 112.5 |
| 01/11/2021 | 8:00 | 0.9 | 112.5 | 02/11/2021 | 8:00 | 2.2 | 90 | 03/11/2021 | 8:00 | 0.9 | 90 | 04/11/2021 | 8:00 | 0.9 | 112.5 |
| 01/11/2021 | 9:00 | 1.3 | 112.5 | 02/11/2021 | 9:00 | 1.3 | 112.5 | 03/11/2021 | 9:00 | 0.9 | 135 | 04/11/2021 | 9:00 | 1.3 | 67.5 |
| 01/11/2021 | 10:00 | 0.9 | 112.5 | 02/11/2021 | 10:00 | 1.3 | 135 | 03/11/2021 | 10:00 | 0.9 | 90 | 04/11/2021 | 10:00 | 0.9 | 157.5 |
| 01/11/2021 | 11:00 | 1.3 | 22.5 | 02/11/2021 | 11:00 | 1.8 | 112.5 | 03/11/2021 | 11:00 | 1.8 | 22.5 | 04/11/2021 | 11:00 | 0.9 | 90 |
| 01/11/2021 | 12:00 | 1.8 | 112.5 | 02/11/2021 | 12:00 | 2.2 | 90 | 03/11/2021 | 12:00 | 1.3 | 112.5 | 04/11/2021 | 12:00 | 0.9 | 112.5 |
| 01/11/2021 | 13:00 | 1.8 | 90 | 02/11/2021 | 13:00 | 2.2 | 90 | 03/11/2021 | 13:00 | 1.3 | 45 | 04/11/2021 | 13:00 | 1.8 | 112.5 |
| 01/11/2021 | 14:00 | 0.9 | 90 | 02/11/2021 | 14:00 | 1.8 | 112.5 | 03/11/2021 | 14:00 | 1.8 | 112.5 | 04/11/2021 | 14:00 | 0.9 | 112.5 |
| 01/11/2021 | 15:00 | 0.9 | 112.5 | 02/11/2021 | 15:00 | 1.3 | 90 | 03/11/2021 | 15:00 | 0.9 | 45 | 04/11/2021 | 15:00 | 1.3 | 90 |
| 01/11/2021 | 16:00 | 1.3 | 112.5 | 02/11/2021 | 16:00 | 1.3 | 67.5 | 03/11/2021 | 16:00 | 0.9 | 45 | 04/11/2021 | 16:00 | 1.8 | 112.5 |
| 01/11/2021 | 17:00 | 1.3 | 112.5 | 02/11/2021 | 17:00 | 1.3 | 67.5 | 03/11/2021 | 17:00 | 0.9 | 90 | 04/11/2021 | 17:00 | 1.8 | 90 |
| 01/11/2021 | 18:00 | 0.9 | 90 | 02/11/2021 | 18:00 | 0.9 | 22.5 | 03/11/2021 | 18:00 | 1.3 | 135 | 04/11/2021 | 18:00 | 1.3 | 112.5 |
| 01/11/2021 | 19:00 | 0.9 | 90 | 02/11/2021 | 19:00 | 0.9 | 22.5 | 03/11/2021 | 19:00 | 0.9 | 112.5 | 04/11/2021 | 19:00 | 0.9 | 90 |
| 01/11/2021 | 20:00 | 0.4 | 270 | 02/11/2021 | 20:00 | 0.9 | 90 | 03/11/2021 | 20:00 | 0.9 | 112.5 | 04/11/2021 | 20:00 | 0.9 | 112.5 |
| 01/11/2021 | 21:00 | 0.9 | 112.5 | 02/11/2021 | 21:00 | 1.3 | 90 | 03/11/2021 | 21:00 | 0.9 | 157.5 | 04/11/2021 | 21:00 | 0.9 | 135 |
| 01/11/2021 | 22:00 | 0.9 | 67.5 | 02/11/2021 | 22:00 | 0.9 | 112.5 | 03/11/2021 | 22:00 | 1.8 | 112.5 | 04/11/2021 | 22:00 | 1.3 | 112.5 |
| 01/11/2021 | 23:00 | 0.9 | 112.5 | 02/11/2021 | 23:00 | 0.9 | 112.5 | 03/11/2021 | 23:00 | 1.8 | 112.5 | 04/11/2021 | 23:00 | 1.3 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 05/11/2021 | 0:00 | 0.4 | 112.5 | 06/11/2021 | 0:00 | 0.9 | 270 | 07/11/2021 | 0:00 | 0.9 | 112.5 | 08/11/2021 | 0:00 | 1.8 | 22.5 |
| 05/11/2021 | 1:00 | 0.4 | 112.5 | 06/11/2021 | 1:00 | 1.8 | 247.5 | 07/11/2021 | 1:00 | 0.9 | 112.5 | 08/11/2021 | 1:00 | 1.8 | 22.5 |
| 05/11/2021 | 2:00 | 0.9 | 135 | 06/11/2021 | 2:00 | 1.8 | 247.5 | 07/11/2021 | 2:00 | 1.3 | 90 | 08/11/2021 | 2:00 | 1.3 | 157.5 |
| 05/11/2021 | 3:00 | 0.9 | 135 | 06/11/2021 | 3:00 | 0.4 | 112.5 | 07/11/2021 | 3:00 | 0.9 | 67.5 | 08/11/2021 | 3:00 | 0.9 | 22.5 |
| 05/11/2021 | 4:00 | 0.4 | 135 | 06/11/2021 | 4:00 | 0.4 | 90 | 07/11/2021 | 4:00 | 0.9 | 112.5 | 08/11/2021 | 4:00 | 0.9 | 22.5 |
| 05/11/2021 | 5:00 | 0.4 | 135 | 06/11/2021 | 5:00 | 0.4 | 67.5 | 07/11/2021 | 5:00 | 0.9 | 90 | 08/11/2021 | 5:00 | 1.3 | 45 |
| 05/11/2021 | 6:00 | 0.4 | 112.5 | 06/11/2021 | 6:00 | 0.4 | 90 | 07/11/2021 | 6:00 | 0.9 | 112.5 | 08/11/2021 | 6:00 | 1.3 | 45 |
| 05/11/2021 | 7:00 | 0.4 | 112.5 | 06/11/2021 | 7:00 | 0.9 | 90 | 07/11/2021 | 7:00 | 1.3 | 90 | 08/11/2021 | 7:00 | 1.3 | 112.5 |
| 05/11/2021 | 8:00 | 0.4 | 112.5 | 06/11/2021 | 8:00 | 0.9 | 135 | 07/11/2021 | 8:00 | 1.3 | 202.5 | 08/11/2021 | 8:00 | 1.3 | 45 |
| 05/11/2021 | 9:00 | 0.4 | 112.5 | 06/11/2021 | 9:00 | 0.9 | 135 | 07/11/2021 | 9:00 | 0.9 | 22.5 | 08/11/2021 | 9:00 | 1.3 | 22.5 |
| 05/11/2021 | 10:00 | 0.4 | 112.5 | 06/11/2021 | 10:00 | 0.9 | 112.5 | 07/11/2021 | 10:00 | 0.9 | 180 | 08/11/2021 | 10:00 | 0.9 | 292.5 |
| 05/11/2021 | 11:00 | 1.3 | 112.5 | 06/11/2021 | 11:00 | 0.9 | 112.5 | 07/11/2021 | 11:00 | 0.9 | 270 | 08/11/2021 | 11:00 | 0.9 | 292.5 |
| 05/11/2021 | 12:00 | 1.3 | 135 | 06/11/2021 | 12:00 | 0.9 | 112.5 | 07/11/2021 | 12:00 | 0.9 | 292.5 | 08/11/2021 | 12:00 | 0.9 | 315 |
| 05/11/2021 | 13:00 | 0.9 | 225 | 06/11/2021 | 13:00 | 0.9 | 112.5 | 07/11/2021 | 13:00 | 0.4 | 270 | 08/11/2021 | 13:00 | 1.8 | 45 |
| 05/11/2021 | 14:00 | 0.4 | 225 | 06/11/2021 | 14:00 | 0.9 | 202.5 | 07/11/2021 | 14:00 | 0.9 | 112.5 | 08/11/2021 | 14:00 | 0.9 | 67.5 |
| 05/11/2021 | 15:00 | 0.4 | 202.5 | 06/11/2021 | 15:00 | 0.9 | 202.5 | 07/11/2021 | 15:00 | 0.9 | 67.5 | 08/11/2021 | 15:00 | 0.9 | 67.5 |
| 05/11/2021 | 16:00 | 1.3 | 247.5 | 06/11/2021 | 16:00 | 0.9 | 202.5 | 07/11/2021 | 16:00 | 0.9 | 270 | 08/11/2021 | 16:00 | 1.3 | 45 |
| 05/11/2021 | 17:00 | 1.3 | 247.5 | 06/11/2021 | 17:00 | 1.3 | 225 | 07/11/2021 | 17:00 | 1.3 | 157.5 | 08/11/2021 | 17:00 | 0.4 | 225 |
| 05/11/2021 | 18:00 | 0.9 | 225 | 06/11/2021 | 18:00 | 1.3 | 225 | 07/11/2021 | 18:00 | 1.3 | 45 | 08/11/2021 | 18:00 | 0.4 | 337.5 |
| 05/11/2021 | 19:00 | 1.3 | 247.5 | 06/11/2021 | 19:00 | 0.9 | 225 | 07/11/2021 | 19:00 | 1.3 | 337.5 | 08/11/2021 | 19:00 | 0.4 | 270 |
| 05/11/2021 | 20:00 | 1.3 | 247.5 | 06/11/2021 | 20:00 | 1.3 | 90 | 07/11/2021 | 20:00 | 1.8 | 270 | 08/11/2021 | 20:00 | 0.9 | 135 |
| 05/11/2021 | 21:00 | 1.8 | 270 | 06/11/2021 | 21:00 | 1.8 | 90 | 07/11/2021 | 21:00 | 1.3 | 135 | 08/11/2021 | 21:00 | 1.3 | 112.5 |
| 05/11/2021 | 22:00 | 1.8 | 247.5 | 06/11/2021 | 22:00 | 1.3 | 135 | 07/11/2021 | 22:00 | 1.8 | 270 | 08/11/2021 | 22:00 | 0.4 | 112.5 |
| 05/11/2021 | 23:00 | 1.3 | 247.5 | 06/11/2021 | 23:00 | 0.9 | 112.5 | 07/11/2021 | 23:00 | 0.9 | 112.5 | 08/11/2021 | 23:00 | 0.9 | 22.5 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 09/11/2021 | 0:00 | 0.9 | 112.5 | 10/11/2021 | 0:00 | 0.9 | 90 | 11/11/2021 | 0:00 | 0.4 | 112.5 | 12/11/2021 | 0:00 | 0.9 | 112.5 |
| 09/11/2021 | 1:00 | 0.4 | 135 | 10/11/2021 | 1:00 | 1.3 | 112.5 | 11/11/2021 | 1:00 | 0.9 | 112.5 | 12/11/2021 | 1:00 | 1.3 | 112.5 |
| 09/11/2021 | 2:00 | 0.4 | 135 | 10/11/2021 | 2:00 | 0.9 | 112.5 | 11/11/2021 | 2:00 | 0.4 | 90 | 12/11/2021 | 2:00 | 1.3 | 112.5 |
| 09/11/2021 | 3:00 | 0.4 | 157.5 | 10/11/2021 | 3:00 | 0.9 | 112.5 | 11/11/2021 | 3:00 | 1.3 | 112.5 | 12/11/2021 | 3:00 | 1.3 | 135 |
| 09/11/2021 | 4:00 | 0.9 | 135 | 10/11/2021 | 4:00 | 0.9 | 112.5 | 11/11/2021 | 4:00 | 1.3 | 112.5 | 12/11/2021 | 4:00 | 1.3 | 112.5 |
| 09/11/2021 | 5:00 | 0.4 | 315 | 10/11/2021 | 5:00 | 0.9 | 90 | 11/11/2021 | 5:00 | 0.9 | 112.5 | 12/11/2021 | 5:00 | 1.3 | 112.5 |
| 09/11/2021 | 6:00 | 0.4 | 337.5 | 10/11/2021 | 6:00 | 1.3 | 112.5 | 11/11/2021 | 6:00 | 0.4 | 112.5 | 12/11/2021 | 6:00 | 0.9 | 112.5 |
| 09/11/2021 | 7:00 | 0.9 | 247.5 | 10/11/2021 | 7:00 | 0.9 | 112.5 | 11/11/2021 | 7:00 | 0.4 | 22.5 | 12/11/2021 | 7:00 | 1.3 | 112.5 |
| 09/11/2021 | 8:00 | 0.9 | 22.5 | 10/11/2021 | 8:00 | 0.9 | 90 | 11/11/2021 | 8:00 | 0.4 | 67.5 | 12/11/2021 | 8:00 | 0.9 | 112.5 |
| 09/11/2021 | 9:00 | 0.4 | 225 | 10/11/2021 | 9:00 | 0.4 | 67.5 | 11/11/2021 | 9:00 | 0.9 | 112.5 | 12/11/2021 | 9:00 | 0.4 | 135 |
| 09/11/2021 | 10:00 | 0.9 | 112.5 | 10/11/2021 | 10:00 | 0.4 | 22.5 | 11/11/2021 | 10:00 | 0.9 | 90 | 12/11/2021 | 10:00 | 0.9 | 337.5 |
| 09/11/2021 | 11:00 | 0.4 | 67.5 | 10/11/2021 | 11:00 | 0.9 | 292.5 | 11/11/2021 | 11:00 | 0.9 | 67.5 | 12/11/2021 | 11:00 | 0.4 | 135 |
| 09/11/2021 | 12:00 | 0.9 | 22.5 | 10/11/2021 | 12:00 | 0.9 | 315 | 11/11/2021 | 12:00 | 0.4 | 112.5 | 12/11/2021 | 12:00 | 0.4 | 247.5 |
| 09/11/2021 | 13:00 | 1.3 | 45 | 10/11/2021 | 13:00 | 0.9 | 67.5 | 11/11/2021 | 13:00 | 0.9 | 90 | 12/11/2021 | 13:00 | 0.9 | 22.5 |
| 09/11/2021 | 14:00 | 1.3 | 22.5 | 10/11/2021 | 14:00 | 1.3 | 112.5 | 11/11/2021 | 14:00 | 0.4 | 90 | 12/11/2021 | 14:00 | 0 | 112.5 |
| 09/11/2021 | 15:00 | 0.4 | 337.5 | 10/11/2021 | 15:00 | 1.3 | 112.5 | 11/11/2021 | 15:00 | 0.4 | 22.5 | 12/11/2021 | 15:00 | 0 | 135 |
| 09/11/2021 | 16:00 | 0.4 | 225 | 10/11/2021 | 16:00 | 1.8 | 112.5 | 11/11/2021 | 16:00 | 0.9 | 45 | 12/11/2021 | 16:00 | 0 | 337.5 |
| 09/11/2021 | 17:00 | 1.3 | 292.5 | 10/11/2021 | 17:00 | 1.3 | 337.5 | 11/11/2021 | 17:00 | 0.4 | 45 | 12/11/2021 | 17:00 | 0 | 112.5 |
| 09/11/2021 | 18:00 | 1.3 | 22.5 | 10/11/2021 | 18:00 | 0.9 | 337.5 | 11/11/2021 | 18:00 | 0.4 | 247.5 | 12/11/2021 | 18:00 | 0.4 | 112.5 |
| 09/11/2021 | 19:00 | 0.9 | 22.5 | 10/11/2021 | 19:00 | 1.3 | 292.5 | 11/11/2021 | 19:00 | 0.4 | 112.5 | 12/11/2021 | 19:00 | 0.4 | 22.5 |
| 09/11/2021 | 20:00 | 0.9 | 135 | 10/11/2021 | 20:00 | 0.9 | 292.5 | 11/11/2021 | 20:00 | 0.9 | 90 | 12/11/2021 | 20:00 | 0.4 | 112.5 |
| 09/11/2021 | 21:00 | 0.9 | 315 | 10/11/2021 | 21:00 | 0.9 | 202.5 | 11/11/2021 | 21:00 | 0.9 | 112.5 | 12/11/2021 | 21:00 | 0.4 | 22.5 |
| 09/11/2021 | 22:00 | 1.3 | 112.5 | 10/11/2021 | 22:00 | 1.3 | 247.5 | 11/11/2021 | 22:00 | 0.9 | 112.5 | 12/11/2021 | 22:00 | 0.4 | 112.5 |
| 09/11/2021 | 23:00 | 0.9 | 22.5 | 10/11/2021 | 23:00 | 1.3 | 247.5 | 11/11/2021 | 23:00 | 1.3 | 90 | 12/11/2021 | 23:00 | 0.4 | 22.5 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13/11/2021 | 0:00 | 0.9 | 22.5 | 14/11/2021 | 0:00 | 0.9 | 112.5 | 15/11/2021 | 0:00 | 1.3 | 112.5 | 16/11/2021 | 0:00 | 0.4 | 135 |
| 13/11/2021 | 1:00 | 0.9 | 157.5 | 14/11/2021 | 1:00 | 0.9 | 292.5 | 15/11/2021 | 1:00 | 1.3 | 112.5 | 16/11/2021 | 1:00 | 0.4 | 112.5 |
| 13/11/2021 | 2:00 | 1.3 | 247.5 | 14/11/2021 | 2:00 | 1.3 | 112.5 | 15/11/2021 | 2:00 | 0.9 | 90 | 16/11/2021 | 2:00 | 0.4 | 112.5 |
| 13/11/2021 | 3:00 | 1.3 | 135 | 14/11/2021 | 3:00 | 0.9 | 90 | 15/11/2021 | 3:00 | 0.9 | 90 | 16/11/2021 | 3:00 | 0.4 | 112.5 |
| 13/11/2021 | 4:00 | 1.8 | 135 | 14/11/2021 | 4:00 | 0.9 | 112.5 | 15/11/2021 | 4:00 | 1.3 | 90 | 16/11/2021 | 4:00 | 0.4 | 135 |
| 13/11/2021 | 5:00 | 1.8 | 135 | 14/11/2021 | 5:00 | 0.9 | 135 | 15/11/2021 | 5:00 | 2.2 | 112.5 | 16/11/2021 | 5:00 | 0.4 | 112.5 |
| 13/11/2021 | 6:00 | 1.3 | 135 | 14/11/2021 | 6:00 | 0.9 | 90 | 15/11/2021 | 6:00 | 1.3 | 90 | 16/11/2021 | 6:00 | 0.4 | 112.5 |
| 13/11/2021 | 7:00 | 1.3 | 67.5 | 14/11/2021 | 7:00 | 0.4 | 112.5 | 15/11/2021 | 7:00 | 1.8 | 112.5 | 16/11/2021 | 7:00 | 0.4 | 112.5 |
| 13/11/2021 | 8:00 | 0.9 | 247.5 | 14/11/2021 | 8:00 | 0.4 | 112.5 | 15/11/2021 | 8:00 | 1.3 | 112.5 | 16/11/2021 | 8:00 | 0.4 | 112.5 |
| 13/11/2021 | 9:00 | 0.4 | 337.5 | 14/11/2021 | 9:00 | 0.4 | 112.5 | 15/11/2021 | 9:00 | 1.3 | 112.5 | 16/11/2021 | 9:00 | 0.4 | 315 |
| 13/11/2021 | 10:00 | 0.4 | 45 | 14/11/2021 | 10:00 | 0.9 | 90 | 15/11/2021 | 10:00 | 0.9 | 112.5 | 16/11/2021 | 10:00 | 0.4 | 337.5 |
| 13/11/2021 | 11:00 | 0.4 | 337.5 | 14/11/2021 | 11:00 | 0.9 | 22.5 | 15/11/2021 | 11:00 | 0.4 | 90 | 16/11/2021 | 11:00 | 0.4 | 112.5 |
| 13/11/2021 | 12:00 | 0.9 | 337.5 | 14/11/2021 | 12:00 | 1.8 | 292.5 | 15/11/2021 | 12:00 | 0.9 | 45 | 16/11/2021 | 12:00 | 0.9 | 90 |
| 13/11/2021 | 13:00 | 0.4 | 90 | 14/11/2021 | 13:00 | 1.3 | 247.5 | 15/11/2021 | 13:00 | 0.9 | 22.5 | 16/11/2021 | 13:00 | 0.4 | 112.5 |
| 13/11/2021 | 14:00 | 0.4 | 112.5 | 14/11/2021 | 14:00 | 0.4 | 112.5 | 15/11/2021 | 14:00 | 0.4 | 22.5 | 16/11/2021 | 14:00 | 0.9 | 112.5 |
| 13/11/2021 | 15:00 | 0.9 | 112.5 | 14/11/2021 | 15:00 | 2.2 | 45 | 15/11/2021 | 15:00 | 0.9 | 90 | 16/11/2021 | 15:00 | 0.9 | 90 |
| 13/11/2021 | 16:00 | 0.4 | 112.5 | 14/11/2021 | 16:00 | 1.3 | 315 | 15/11/2021 | 16:00 | 0.4 | 90 | 16/11/2021 | 16:00 | 0.4 | 90 |
| 13/11/2021 | 17:00 | 0.9 | 0 | 14/11/2021 | 17:00 | 0.9 | 112.5 | 15/11/2021 | 17:00 | 0.4 | 22.5 | 16/11/2021 | 17:00 | 0.4 | 112.5 |
| 13/11/2021 | 18:00 | 0.9 | 0 | 14/11/2021 | 18:00 | 1.3 | 247.5 | 15/11/2021 | 18:00 | 0.9 | 45 | 16/11/2021 | 18:00 | 0.9 | 112.5 |
| 13/11/2021 | 19:00 | 0.9 | 0 | 14/11/2021 | 19:00 | 0.9 | 45 | 15/11/2021 | 19:00 | 0.9 | 135 | 16/11/2021 | 19:00 | 1.3 | 90 |
| 13/11/2021 | 20:00 | 1.3 | 67.5 | 14/11/2021 | 20:00 | 0.9 | 90 | 15/11/2021 | 20:00 | 0.4 | 112.5 | 16/11/2021 | 20:00 | 1.3 | 90 |
| 13/11/2021 | 21:00 | 0.9 | 180 | 14/11/2021 | 21:00 | 0.9 | 90 | 15/11/2021 | 21:00 | 0.9 | 112.5 | 16/11/2021 | 21:00 | 0.9 | 112.5 |
| 13/11/2021 | 22:00 | 0.9 | 45 | 14/11/2021 | 22:00 | 0.9 | 292.5 | 15/11/2021 | 22:00 | 0.9 | 112.5 | 16/11/2021 | 22:00 | 0.9 | 112.5 |
| 13/11/2021 | 23:00 | 0.9 | 22.5 | 14/11/2021 | 23:00 | 0.9 | 337.5 | 15/11/2021 | 23:00 | 0.4 | 22.5 | 16/11/2021 | 23:00 | 0.9 | 337.5 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17/11/2021 | 0:00 | 0.4 | 202.5 | 18/11/2021 | 0:00 | 0.9 | 112.5 | 19/11/2021 | 0:00 | 0.9 | 225 | 20/11/2021 | 0:00 | 1.8 | 90 |
| 17/11/2021 | 1:00 | 0.9 | 112.5 | 18/11/2021 | 1:00 | 0.9 | 112.5 | 19/11/2021 | 1:00 | 1.3 | 112.5 | 20/11/2021 | 1:00 | 1.8 | 112.5 |
| 17/11/2021 | 2:00 | 0.4 | 180 | 18/11/2021 | 2:00 | 0.9 | 90 | 19/11/2021 | 2:00 | 0.9 | 270 | 20/11/2021 | 2:00 | 1.8 | 112.5 |
| 17/11/2021 | 3:00 | 0.4 | 180 | 18/11/2021 | 3:00 | 1.3 | 112.5 | 19/11/2021 | 3:00 | 1.3 | 67.5 | 20/11/2021 | 3:00 | 1.8 | 90 |
| 17/11/2021 | 4:00 | 0.9 | 112.5 | 18/11/2021 | 4:00 | 0.9 | 112.5 | 19/11/2021 | 4:00 | 0.9 | 45 | 20/11/2021 | 4:00 | 2.2 | 90 |
| 17/11/2021 | 5:00 | 1.3 | 112.5 | 18/11/2021 | 5:00 | 0.9 | 135 | 19/11/2021 | 5:00 | 0.9 | 90 | 20/11/2021 | 5:00 | 2.2 | 90 |
| 17/11/2021 | 6:00 | 1.3 | 112.5 | 18/11/2021 | 6:00 | 0.9 | 135 | 19/11/2021 | 6:00 | 1.8 | 112.5 | 20/11/2021 | 6:00 | 0.9 | 67.5 |
| 17/11/2021 | 7:00 | 0.9 | 112.5 | 18/11/2021 | 7:00 | 0.9 | 135 | 19/11/2021 | 7:00 | 1.8 | 112.5 | 20/11/2021 | 7:00 | 1.8 | 45 |
| 17/11/2021 | 8:00 | 0.9 | 135 | 18/11/2021 | 8:00 | 0.4 | 112.5 | 19/11/2021 | 8:00 | 1.8 | 22.5 | 20/11/2021 | 8:00 | 0.9 | 90 |
| 17/11/2021 | 9:00 | 0.9 | 135 | 18/11/2021 | 9:00 | 0.9 | 112.5 | 19/11/2021 | 9:00 | 1.8 | 135 | 20/11/2021 | 9:00 | 1.8 | 112.5 |
| 17/11/2021 | 10:00 | 0.9 | 247.5 | 18/11/2021 | 10:00 | 0 | 135 | 19/11/2021 | 10:00 | 1.8 | 112.5 | 20/11/2021 | 10:00 | 1.3 | 112.5 |
| 17/11/2021 | 11:00 | 0.4 | 225 | 18/11/2021 | 11:00 | 0 | 135 | 19/11/2021 | 11:00 | 2.2 | 270 | 20/11/2021 | 11:00 | 0.9 | 112.5 |
| 17/11/2021 | 12:00 | 0.4 | 157.5 | 18/11/2021 | 12:00 | 0 | 135 | 19/11/2021 | 12:00 | 1.8 | 67.5 | 20/11/2021 | 12:00 | 0.9 | 45 |
| 17/11/2021 | 13:00 | 0.4 | 202.5 | 18/11/2021 | 13:00 | 0 | 135 | 19/11/2021 | 13:00 | 1.3 | 22.5 | 20/11/2021 | 13:00 | 0.9 | 67.5 |
| 17/11/2021 | 14:00 | 0.9 | 202.5 | 18/11/2021 | 14:00 | 0.4 | 22.5 | 19/11/2021 | 14:00 | 0.9 | 90 | 20/11/2021 | 14:00 | 0.9 | 90 |
| 17/11/2021 | 15:00 | 0.4 | 45 | 18/11/2021 | 15:00 | 0.4 | 22.5 | 19/11/2021 | 15:00 | 1.8 | 67.5 | 20/11/2021 | 15:00 | 1.8 | 45 |
| 17/11/2021 | 16:00 | 0.4 | 112.5 | 18/11/2021 | 16:00 | 0.4 | 22.5 | 19/11/2021 | 16:00 | 2.2 | 112.5 | 20/11/2021 | 16:00 | 1.3 | 22.5 |
| 17/11/2021 | 17:00 | 0 | 225 | 18/11/2021 | 17:00 | 0.9 | 22.5 | 19/11/2021 | 17:00 | 1.8 | 90 | 20/11/2021 | 17:00 | 1.3 | 45 |
| 17/11/2021 | 18:00 | 0.4 | 270 | 18/11/2021 | 18:00 | 0.9 | 90 | 19/11/2021 | 18:00 | 1.8 | 90 | 20/11/2021 | 18:00 | 1.3 | 90 |
| 17/11/2021 | 19:00 | 0.9 | 157.5 | 18/11/2021 | 19:00 | 0.9 | 90 | 19/11/2021 | 19:00 | 1.3 | 67.5 | 20/11/2021 | 19:00 | 0.9 | 67.5 |
| 17/11/2021 | 20:00 | 0.4 | 112.5 | 18/11/2021 | 20:00 | 0.9 | 90 | 19/11/2021 | 20:00 | 0.9 | 67.5 | 20/11/2021 | 20:00 | 0.9 | 90 |
| 17/11/2021 | 21:00 | 0.4 | 157.5 | 18/11/2021 | 21:00 | 1.3 | 112.5 | 19/11/2021 | 21:00 | 0.9 | 90 | 20/11/2021 | 21:00 | 0.9 | 112.5 |
| 17/11/2021 | 22:00 | 0.4 | 112.5 | 18/11/2021 | 22:00 | 0.9 | 112.5 | 19/11/2021 | 22:00 | 1.3 | 112.5 | 20/11/2021 | 22:00 | 1.3 | 90 |
| 17/11/2021 | 23:00 | 0.4 | 135 | 18/11/2021 | 23:00 | 0.4 | 67.5 | 19/11/2021 | 23:00 | 1.3 | 112.5 | 20/11/2021 | 23:00 | 1.3 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21/11/2021 | 0:00 | 1.3 | 112.5 | 22/11/2021 | 0:00 | 0.9 | 315 | 23/11/2021 | 0:00 | 1.3 | 22.5 | 24/11/2021 | 0:00 | 0.9 | 90 |
| 21/11/2021 | 1:00 | 1.3 | 112.5 | 22/11/2021 | 1:00 | 0.9 | 112.5 | 23/11/2021 | 1:00 | 0.9 | 22.5 | 24/11/2021 | 1:00 | 0.9 | 90 |
| 21/11/2021 | 2:00 | 0.9 | 112.5 | 22/11/2021 | 2:00 | 1.3 | 337.5 | 23/11/2021 | 2:00 | 0.9 | 202.5 | 24/11/2021 | 2:00 | 1.3 | 112.5 |
| 21/11/2021 | 3:00 | 0.4 | 90 | 22/11/2021 | 3:00 | 1.3 | 90 | 23/11/2021 | 3:00 | 0.9 | 22.5 | 24/11/2021 | 3:00 | 0.9 | 112.5 |
| 21/11/2021 | 4:00 | 0.4 | 112.5 | 22/11/2021 | 4:00 | 0.9 | 337.5 | 23/11/2021 | 4:00 | 0.9 | 337.5 | 24/11/2021 | 4:00 | 0.9 | 90 |
| 21/11/2021 | 5:00 | 0.4 | 112.5 | 22/11/2021 | 5:00 | 1.3 | 315 | 23/11/2021 | 5:00 | 0.4 | 22.5 | 24/11/2021 | 5:00 | 0.4 | 112.5 |
| 21/11/2021 | 6:00 | 0.9 | 112.5 | 22/11/2021 | 6:00 | 1.3 | 315 | 23/11/2021 | 6:00 | 0.9 | 315 | 24/11/2021 | 6:00 | 0 | 22.5 |
| 21/11/2021 | 7:00 | 0.9 | 112.5 | 22/11/2021 | 7:00 | 1.3 | 90 | 23/11/2021 | 7:00 | 0.9 | 225 | 24/11/2021 | 7:00 | 0 | 22.5 |
| 21/11/2021 | 8:00 | 0.9 | 90 | 22/11/2021 | 8:00 | 0.9 | 67.5 | 23/11/2021 | 8:00 | 0.4 | 180 | 24/11/2021 | 8:00 | 0 | 22.5 |
| 21/11/2021 | 9:00 | 1.3 | 90 | 22/11/2021 | 9:00 | 0.9 | 135 | 23/11/2021 | 9:00 | 0.4 | 45 | 24/11/2021 | 9:00 | 0.4 | 45 |
| 21/11/2021 | 10:00 | 0.9 | 112.5 | 22/11/2021 | 10:00 | 0.9 | 337.5 | 23/11/2021 | 10:00 | 0.4 | 22.5 | 24/11/2021 | 10:00 | 0 | 22.5 |
| 21/11/2021 | 11:00 | 0.9 | 135 | 22/11/2021 | 11:00 | 1.3 | 45 | 23/11/2021 | 11:00 | 0.4 | 67.5 | 24/11/2021 | 11:00 | 0.4 | 45 |
| 21/11/2021 | 12:00 | 0.9 | 45 | 22/11/2021 | 12:00 | 1.3 | 22.5 | 23/11/2021 | 12:00 | 0.4 | 45 | 24/11/2021 | 12:00 | 0.4 | 67.5 |
| 21/11/2021 | 13:00 | 1.3 | 22.5 | 22/11/2021 | 13:00 | 0.9 | 337.5 | 23/11/2021 | 13:00 | 0 | 112.5 | 24/11/2021 | 13:00 | 0.4 | 337.5 |
| 21/11/2021 | 14:00 | 1.3 | 22.5 | 22/11/2021 | 14:00 | 0.9 | 315 | 23/11/2021 | 14:00 | 0 | 112.5 | 24/11/2021 | 14:00 | 0.4 | 337.5 |
| 21/11/2021 | 15:00 | 1.3 | 22.5 | 22/11/2021 | 15:00 | 1.3 | 45 | 23/11/2021 | 15:00 | 0 | 112.5 | 24/11/2021 | 15:00 | 0.4 | 337.5 |
| 21/11/2021 | 16:00 | 1.3 | 45 | 22/11/2021 | 16:00 | 1.3 | 247.5 | 23/11/2021 | 16:00 | 0.4 | 247.5 | 24/11/2021 | 16:00 | 0.4 | 337.5 |
| 21/11/2021 | 17:00 | 1.8 | 292.5 | 22/11/2021 | 17:00 | 0.9 | 270 | 23/11/2021 | 17:00 | 0.4 | 247.5 | 24/11/2021 | 17:00 | 0.9 | 247.5 |
| 21/11/2021 | 18:00 | 1.3 | 247.5 | 22/11/2021 | 18:00 | 0.9 | 247.5 | 23/11/2021 | 18:00 | 0.4 | 225 | 24/11/2021 | 18:00 | 0.4 | 247.5 |
| 21/11/2021 | 19:00 | 1.3 | 135 | 22/11/2021 | 19:00 | 0.9 | 112.5 | 23/11/2021 | 19:00 | 0 | 22.5 | 24/11/2021 | 19:00 | 0.4 | 22.5 |
| 21/11/2021 | 20:00 | 0.9 | 292.5 | 22/11/2021 | 20:00 | 0.9 | 337.5 | 23/11/2021 | 20:00 | 1.3 | 337.5 | 24/11/2021 | 20:00 | 0.4 | 22.5 |
| 21/11/2021 | 21:00 | 1.3 | 247.5 | 22/11/2021 | 21:00 | 0.4 | 67.5 | 23/11/2021 | 21:00 | 1.3 | 22.5 | 24/11/2021 | 21:00 | 0.4 | 22.5 |
| 21/11/2021 | 22:00 | 2.2 | 292.5 | 22/11/2021 | 22:00 | 0.4 | 90 | 23/11/2021 | 22:00 | 0.9 | 337.5 | 24/11/2021 | 22:00 | 0.9 | 112.5 |
| 21/11/2021 | 23:00 | 0.9 | 22.5 | 22/11/2021 | 23:00 | 0.4 | 180 | 23/11/2021 | 23:00 | 0.9 | 90 | 24/11/2021 | 23:00 | 0.4 | 22.5 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25/11/2021 | 0:00 | 1.3 | 90 | 26/11/2021 | 0:00 | 1.3 | 112.5 | 27/11/2021 | 0:00 | 0.9 | 112.5 | 28/11/2021 | 0:00 | 0.4 | 112.5 |
| 25/11/2021 | 1:00 | 1.3 | 112.5 | 26/11/2021 | 1:00 | 0.9 | 90 | 27/11/2021 | 1:00 | 0.9 | 90 | 28/11/2021 | 1:00 | 0.4 | 90 |
| 25/11/2021 | 2:00 | 0.9 | 135 | 26/11/2021 | 2:00 | 0.4 | 90 | 27/11/2021 | 2:00 | 0.9 | 112.5 | 28/11/2021 | 2:00 | 0.4 | 90 |
| 25/11/2021 | 3:00 | 1.3 | 135 | 26/11/2021 | 3:00 | 0.4 | 112.5 | 27/11/2021 | 3:00 | 0.9 | 90 | 28/11/2021 | 3:00 | 0.4 | 112.5 |
| 25/11/2021 | 4:00 | 0.9 | 112.5 | 26/11/2021 | 4:00 | 0.4 | 112.5 | 27/11/2021 | 4:00 | 0.9 | 112.5 | 28/11/2021 | 4:00 | 0.4 | 112.5 |
| 25/11/2021 | 5:00 | 0.9 | 112.5 | 26/11/2021 | 5:00 | 0.4 | 112.5 | 27/11/2021 | 5:00 | 0.9 | 112.5 | 28/11/2021 | 5:00 | 0.9 | 112.5 |
| 25/11/2021 | 6:00 | 1.3 | 112.5 | 26/11/2021 | 6:00 | 0.4 | 112.5 | 27/11/2021 | 6:00 | 0.4 | 292.5 | 28/11/2021 | 6:00 | 0.4 | 112.5 |
| 25/11/2021 | 7:00 | 1.3 | 112.5 | 26/11/2021 | 7:00 | 0.4 | 67.5 | 27/11/2021 | 7:00 | 0.4 | 112.5 | 28/11/2021 | 7:00 | 0.4 | 112.5 |
| 25/11/2021 | 8:00 | 0.9 | 67.5 | 26/11/2021 | 8:00 | 0.9 | 22.5 | 27/11/2021 | 8:00 | 0.4 | 45 | 28/11/2021 | 8:00 | 0.9 | 90 |
| 25/11/2021 | 9:00 | 0.4 | 90 | 26/11/2021 | 9:00 | 0.9 | 112.5 | 27/11/2021 | 9:00 | 0.4 | 67.5 | 28/11/2021 | 9:00 | 0.4 | 90 |
| 25/11/2021 | 10:00 | 0.4 | 22.5 | 26/11/2021 | 10:00 | 0.4 | 22.5 | 27/11/2021 | 10:00 | 0.4 | 22.5 | 28/11/2021 | 10:00 | 1.3 | 22.5 |
| 25/11/2021 | 11:00 | 0.4 | 22.5 | 26/11/2021 | 11:00 | 0.9 | 22.5 | 27/11/2021 | 11:00 | 0.4 | 292.5 | 28/11/2021 | 11:00 | 1.8 | 45 |
| 25/11/2021 | 12:00 | 0.4 | 67.5 | 26/11/2021 | 12:00 | 0.9 | 22.5 | 27/11/2021 | 12:00 | 1.3 | 112.5 | 28/11/2021 | 12:00 | 1.3 | 67.5 |
| 25/11/2021 | 13:00 | 0.4 | 67.5 | 26/11/2021 | 13:00 | 1.3 | 315 | 27/11/2021 | 13:00 | 0.9 | 67.5 | 28/11/2021 | 13:00 | 0.9 | 337.5 |
| 25/11/2021 | 14:00 | 0.9 | 67.5 | 26/11/2021 | 14:00 | 0.9 | 315 | 27/11/2021 | 14:00 | 0.9 | 315 | 28/11/2021 | 14:00 | 0.9 | 337.5 |
| 25/11/2021 | 15:00 | 0.9 | 67.5 | 26/11/2021 | 15:00 | 0.9 | 315 | 27/11/2021 | 15:00 | 0.9 | 337.5 | 28/11/2021 | 15:00 | 0.9 | 337.5 |
| 25/11/2021 | 16:00 | 1.3 | 45 | 26/11/2021 | 16:00 | 0.4 | 337.5 | 27/11/2021 | 16:00 | 1.3 | 112.5 | 28/11/2021 | 16:00 | 0.9 | 337.5 |
| 25/11/2021 | 17:00 | 0.4 | 45 | 26/11/2021 | 17:00 | 0.4 | 315 | 27/11/2021 | 17:00 | 0.9 | 90 | 28/11/2021 | 17:00 | 0.9 | 315 |
| 25/11/2021 | 18:00 | 0.9 | 45 | 26/11/2021 | 18:00 | 0.4 | 67.5 | 27/11/2021 | 18:00 | 0.9 | 157.5 | 28/11/2021 | 18:00 | 0.4 | 315 |
| 25/11/2021 | 19:00 | 0.4 | 90 | 26/11/2021 | 19:00 | 0.9 | 90 | 27/11/2021 | 19:00 | 0.9 | 315 | 28/11/2021 | 19:00 | 0.4 | 135 |
| 25/11/2021 | 20:00 | 0.4 | 67.5 | 26/11/2021 | 20:00 | 0.4 | 90 | 27/11/2021 | 20:00 | 135 | 315 | 28/11/2021 | 20:00 | 0.4 | 22.5 |
| 25/11/2021 | 21:00 | 0.4 | 112.5 | 26/11/2021 | 21:00 | 1.3 | 90 | 27/11/2021 | 21:00 | 90 | 112.5 | 28/11/2021 | 21:00 | 0.4 | 112.5 |
| 25/11/2021 | 22:00 | 0.9 | 112.5 | 26/11/2021 | 22:00 | 2.2 | 112.5 | 27/11/2021 | 22:00 | 135 | 135 | 28/11/2021 | 22:00 | 0.9 | 112.5 |
| 25/11/2021 | 23:00 | 0.9 | 67.5 | 26/11/2021 | 23:00 | 2.2 | 90 | 27/11/2021 | 23:00 | 135 | 90 | 28/11/2021 | 23:00 | 1.3 | 270 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29/11/2021 | 0:00 | 0.4 | 135 | 30/11/2021 | 0:00 | 0.9 | 67.5 | | | | | | | | |
| 29/11/2021 | 1:00 | 0.4 | 157.5 | 30/11/2021 | 1:00 | 0.9 | 67.5 | | | | | | | | |
| 29/11/2021 | 2:00 | 0.4 | 157.5 | 30/11/2021 | 2:00 | 0.9 | 225 | | | | | | | | |
| 29/11/2021 | 3:00 | 0.9 | 135 | 30/11/2021 | 3:00 | 0.9 | 90 | | | | | | | | |
| 29/11/2021 | 4:00 | 0.4 | 247.5 | 30/11/2021 | 4:00 | 0.9 | 112.5 | | | | | | | | |
| 29/11/2021 | 5:00 | 0.4 | 247.5 | 30/11/2021 | 5:00 | 1.3 | 90 | | | | | | | | |
| 29/11/2021 | 6:00 | 0.9 | 225 | 30/11/2021 | 6:00 | 0.9 | 45 | | | | | | | | |
| 29/11/2021 | 7:00 | 0.9 | 225 | 30/11/2021 | 7:00 | 0 | 22.5 | | | | | | | | |
| 29/11/2021 | 8:00 | 0.9 | 112.5 | 30/11/2021 | 8:00 | 0 | 22.5 | | | | | | | | |
| 29/11/2021 | 9:00 | 0.9 | 112.5 | 30/11/2021 | 9:00 | 1.3 | 112.5 | | | | | | | | |
| 29/11/2021 | 10:00 | 0.4 | 112.5 | 30/11/2021 | 10:00 | 2.2 | 67.5 | | | | | | | | |
| 29/11/2021 | 11:00 | 0.4 | 112.5 | 30/11/2021 | 11:00 | 1.8 | 22.5 | | | | | | | | |
| 29/11/2021 | 12:00 | 0.9 | 135 | 30/11/2021 | 12:00 | 1.8 | 67.5 | | | | | | | | |
| 29/11/2021 | 13:00 | 0.4 | 135 | 30/11/2021 | 13:00 | 0.9 | 315 | | | | | | | | |
| 29/11/2021 | 14:00 | 0.4 | 247.5 | 30/11/2021 | 14:00 | 1.3 | 270 | | | | | | | | |
| 29/11/2021 | 15:00 | 0.9 | 315 | 30/11/2021 | 15:00 | 1.3 | 315 | | | | | | | | |
| 29/11/2021 | 16:00 | 0.9 | 45 | 30/11/2021 | 16:00 | 1.3 | 135 | | | | | | | | |
| 29/11/2021 | 17:00 | 0.9 | 45 | 30/11/2021 | 17:00 | 1.8 | 67.5 | | | | | | | | |
| 29/11/2021 | 18:00 | 0.9 | 247.5 | 30/11/2021 | 18:00 | 1.8 | 90 | | | | | | | | |
| 29/11/2021 | 19:00 | 0.9 | 247.5 | 30/11/2021 | 19:00 | 1.3 | 292.5 | | | | | | | | |
| 29/11/2021 | 20:00 | 1.3 | 337.5 | 30/11/2021 | 20:00 | 1.8 | 225 | | | | | | | | |
| 29/11/2021 | 21:00 | 0.9 | 270 | 30/11/2021 | 21:00 | 1.3 | 135 | | | | | | | | |
| 29/11/2021 | 22:00 | 1.3 | 90 | 30/11/2021 | 22:00 | 1.3 | 157.5 | | | | | | | | |
| 29/11/2021 | 23:00 | 0.9 | 225 | 30/11/2021 | 23:00 | 1.3 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01/12/2021 | 0:00 | 1.3 | 22.5 | 02/12/2021 | 0:00 | 0.9 | 22.5 | 03/12/2021 | 0:00 | 0.9 | 22.5 | 04/12/2021 | 0:00 | 0.9 | 67.5 |
| 01/12/2021 | 1:00 | 0.4 | 22.5 | 02/12/2021 | 1:00 | 0.9 | 225 | 03/12/2021 | 1:00 | 0.9 | 225 | 04/12/2021 | 1:00 | 0.9 | 67.5 |
| 01/12/2021 | 2:00 | 0.9 | 315 | 02/12/2021 | 2:00 | 0.9 | 247.5 | 03/12/2021 | 2:00 | 0.4 | 247.5 | 04/12/2021 | 2:00 | 0.9 | 90 |
| 01/12/2021 | 3:00 | 0.9 | 90 | 02/12/2021 | 3:00 | 1.3 | 247.5 | 03/12/2021 | 3:00 | 0.9 | 247.5 | 04/12/2021 | 3:00 | 1.3 | 112.5 |
| 01/12/2021 | 4:00 | 0.9 | 247.5 | 02/12/2021 | 4:00 | 0.9 | 270 | 03/12/2021 | 4:00 | 0.9 | 270 | 04/12/2021 | 4:00 | 2.2 | 67.5 |
| 01/12/2021 | 5:00 | 0.4 | 90 | 02/12/2021 | 5:00 | 1.3 | 112.5 | 03/12/2021 | 5:00 | 0.9 | 112.5 | 04/12/2021 | 5:00 | 1.8 | 90 |
| 01/12/2021 | 6:00 | 0.9 | 315 | 02/12/2021 | 6:00 | 0.4 | 270 | 03/12/2021 | 6:00 | 0.4 | 270 | 04/12/2021 | 6:00 | 1.8 | 90 |
| 01/12/2021 | 7:00 | 0.9 | 22.5 | 02/12/2021 | 7:00 | 0.4 | 45 | 03/12/2021 | 7:00 | 0.4 | 270 | 04/12/2021 | 7:00 | 1.8 | 67.5 |
| 01/12/2021 | 8:00 | 0.9 | 315 | 02/12/2021 | 8:00 | 0.4 | 315 | 03/12/2021 | 8:00 | 0.4 | 45 | 04/12/2021 | 8:00 | 0.9 | 67.5 |
| 01/12/2021 | 9:00 | 0.9 | 67.5 | 02/12/2021 | 9:00 | 0.4 | 67.5 | 03/12/2021 | 9:00 | 0.4 | 315 | 04/12/2021 | 9:00 | 1.8 | 67.5 |
| 01/12/2021 | 10:00 | 0.4 | 315 | 02/12/2021 | 10:00 | 0.4 | 112.5 | 03/12/2021 | 10:00 | 0.4 | 67.5 | 04/12/2021 | 10:00 | 2.7 | 67.5 |
| 01/12/2021 | 11:00 | 0.4 | 337.5 | 02/12/2021 | 11:00 | 0.9 | 135 | 03/12/2021 | 11:00 | 0.9 | 112.5 | 04/12/2021 | 11:00 | 2.7 | 45 |
| 01/12/2021 | 12:00 | 0.4 | 45 | 02/12/2021 | 12:00 | 0.4 | 90 | 03/12/2021 | 12:00 | 0.4 | 22.5 | 04/12/2021 | 12:00 | 1.3 | 67.5 |
| 01/12/2021 | 13:00 | 0.4 | 22.5 | 02/12/2021 | 13:00 | 0.4 | 247.5 | 03/12/2021 | 13:00 | 0.9 | 315 | 04/12/2021 | 13:00 | 1.3 | 45 |
| 01/12/2021 | 14:00 | 0.9 | 22.5 | 02/12/2021 | 14:00 | 0.9 | 67.5 | 03/12/2021 | 14:00 | 0.9 | 67.5 | 04/12/2021 | 14:00 | 1.3 | 45 |
| 01/12/2021 | 15:00 | 0.9 | 67.5 | 02/12/2021 | 15:00 | 0.4 | 247.5 | 03/12/2021 | 15:00 | 0.9 | 22.5 | 04/12/2021 | 15:00 | 0.9 | 67.5 |
| 01/12/2021 | 16:00 | 0.9 | 45 | 02/12/2021 | 16:00 | 0.4 | 112.5 | 03/12/2021 | 16:00 | 0.9 | 270 | 04/12/2021 | 16:00 | 1.3 | 112.5 |
| 01/12/2021 | 17:00 | 0.9 | 45 | 02/12/2021 | 17:00 | 0.4 | 337.5 | 03/12/2021 | 17:00 | 0.4 | 157.5 | 04/12/2021 | 17:00 | 0.9 | 135 |
| 01/12/2021 | 18:00 | 1.3 | 22.5 | 02/12/2021 | 18:00 | 0.4 | 337.5 | 03/12/2021 | 18:00 | 0.4 | 247.5 | 04/12/2021 | 18:00 | 1.3 | 112.5 |
| 01/12/2021 | 19:00 | 0.9 | 22.5 | 02/12/2021 | 19:00 | 0.9 | 135 | 03/12/2021 | 19:00 | 0.4 | 337.5 | 04/12/2021 | 19:00 | 1.3 | 112.5 |
| 01/12/2021 | 20:00 | 1.3 | 337.5 | 02/12/2021 | 20:00 | 0.9 | 45 | 03/12/2021 | 20:00 | 0.4 | 112.5 | 04/12/2021 | 20:00 | 1.3 | 112.5 |
| 01/12/2021 | 21:00 | 0.4 | 337.5 | 02/12/2021 | 21:00 | 0.9 | 90 | 03/12/2021 | 21:00 | 0.4 | 135 | 04/12/2021 | 21:00 | 1.3 | 67.5 |
| 01/12/2021 | 22:00 | 0.4 | 337.5 | 02/12/2021 | 22:00 | 0.4 | 45 | 03/12/2021 | 22:00 | 0.9 | 112.5 | 04/12/2021 | 22:00 | 0.9 | 135 |
| 01/12/2021 | 23:00 | 0.4 | 157.5 | 02/12/2021 | 23:00 | 0.4 | 45 | 03/12/2021 | 23:00 | 0.4 | 112.5 | 04/12/2021 | 23:00 | 1.3 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 05/12/2021 | 0:00 | 0.4 | 135 | 06/12/2021 | 0:00 | 0.9 | 157.5 | 07/12/2021 | 0:00 | 0.4 | 112.5 | 08/12/2021 | 0:00 | 0.9 | 90 |
| 05/12/2021 | 1:00 | 0.4 | 90 | 06/12/2021 | 1:00 | 0.9 | 22.5 | 07/12/2021 | 1:00 | 1.3 | 112.5 | 08/12/2021 | 1:00 | 1.3 | 112.5 |
| 05/12/2021 | 2:00 | 0.9 | 112.5 | 06/12/2021 | 2:00 | 0.4 | 22.5 | 07/12/2021 | 2:00 | 0.9 | 135 | 08/12/2021 | 2:00 | 0.9 | 90 |
| 05/12/2021 | 3:00 | 2.2 | 67.5 | 06/12/2021 | 3:00 | 0.4 | 45 | 07/12/2021 | 3:00 | 0.9 | 135 | 08/12/2021 | 3:00 | 0.9 | 67.5 |
| 05/12/2021 | 4:00 | 1.8 | 90 | 06/12/2021 | 4:00 | 0.9 | 135 | 07/12/2021 | 4:00 | 1.3 | 112.5 | 08/12/2021 | 4:00 | 0.9 | 292.5 |
| 05/12/2021 | 5:00 | 1.8 | 90 | 06/12/2021 | 5:00 | 0.9 | 112.5 | 07/12/2021 | 5:00 | 1.3 | 112.5 | 08/12/2021 | 5:00 | 0.9 | 67.5 |
| 05/12/2021 | 6:00 | 1.8 | 112.5 | 06/12/2021 | 6:00 | 1.3 | 135 | 07/12/2021 | 6:00 | 0.9 | 90 | 08/12/2021 | 6:00 | 0.9 | 45 |
| 05/12/2021 | 7:00 | 1.3 | 90 | 06/12/2021 | 7:00 | 1.3 | 135 | 07/12/2021 | 7:00 | 0.9 | 112.5 | 08/12/2021 | 7:00 | 0.4 | 135 |
| 05/12/2021 | 8:00 | 1.3 | 112.5 | 06/12/2021 | 8:00 | 0.9 | 22.5 | 07/12/2021 | 8:00 | 0.4 | 90 | 08/12/2021 | 8:00 | 0.9 | 112.5 |
| 05/12/2021 | 9:00 | 1.3 | 90 | 06/12/2021 | 9:00 | 0.4 | 112.5 | 07/12/2021 | 9:00 | 0.4 | 90 | 08/12/2021 | 9:00 | 0.9 | 90 |
| 05/12/2021 | 10:00 | 0.9 | 90 | 06/12/2021 | 10:00 | 0.4 | 112.5 | 07/12/2021 | 10:00 | 1.3 | 67.5 | 08/12/2021 | 10:00 | 0.9 | 90 |
| 05/12/2021 | 11:00 | 1.3 | 112.5 | 06/12/2021 | 11:00 | 1.3 | 112.5 | 07/12/2021 | 11:00 | 0.9 | 157.5 | 08/12/2021 | 11:00 | 0.9 | 112.5 |
| 05/12/2021 | 12:00 | 0.9 | 112.5 | 06/12/2021 | 12:00 | 0.9 | 112.5 | 07/12/2021 | 12:00 | 0.4 | 337.5 | 08/12/2021 | 12:00 | 0.4 | 112.5 |
| 05/12/2021 | 13:00 | 1.3 | 67.5 | 06/12/2021 | 13:00 | 0.4 | 315 | 07/12/2021 | 13:00 | 0.9 | 22.5 | 08/12/2021 | 13:00 | 0.4 | 112.5 |
| 05/12/2021 | 14:00 | 1.3 | 90 | 06/12/2021 | 14:00 | 0.4 | 67.5 | 07/12/2021 | 14:00 | 0.9 | 22.5 | 08/12/2021 | 14:00 | 0.4 | 112.5 |
| 05/12/2021 | 15:00 | 1.3 | 112.5 | 06/12/2021 | 15:00 | 1.3 | 112.5 | 07/12/2021 | 15:00 | 0.9 | 22.5 | 08/12/2021 | 15:00 | 0.4 | 112.5 |
| 05/12/2021 | 16:00 | 1.3 | 90 | 06/12/2021 | 16:00 | 0.9 | 135 | 07/12/2021 | 16:00 | 0.4 | 315 | 08/12/2021 | 16:00 | 0.4 | 67.5 |
| 05/12/2021 | 17:00 | 0.9 | 90 | 06/12/2021 | 17:00 | 0.4 | 112.5 | 07/12/2021 | 17:00 | 0.4 | 90 | 08/12/2021 | 17:00 | 0.9 | 67.5 |
| 05/12/2021 | 18:00 | 1.3 | 112.5 | 06/12/2021 | 18:00 | 0.9 | 112.5 | 07/12/2021 | 18:00 | 0.4 | 90 | 08/12/2021 | 18:00 | 1.3 | 292.5 |
| 05/12/2021 | 19:00 | 0.9 | 90 | 06/12/2021 | 19:00 | 0.9 | 90 | 07/12/2021 | 19:00 | 0.4 | 90 | 08/12/2021 | 19:00 | 1.3 | 337.5 |
| 05/12/2021 | 20:00 | 1.3 | 112.5 | 06/12/2021 | 20:00 | 0.9 | 292.5 | 07/12/2021 | 20:00 | 0.9 | 247.5 | 08/12/2021 | 20:00 | 1.3 | 315 |
| 05/12/2021 | 21:00 | 0.9 | 112.5 | 06/12/2021 | 21:00 | 0.9 | 112.5 | 07/12/2021 | 21:00 | 0.4 | 180 | 08/12/2021 | 21:00 | 0.9 | 22.5 |
| 05/12/2021 | 22:00 | 1.3 | 67.5 | 06/12/2021 | 22:00 | 0.9 | 337.5 | 07/12/2021 | 22:00 | 0.4 | 337.5 | 08/12/2021 | 22:00 | 0.9 | 67.5 |
| 05/12/2021 | 23:00 | 0.9 | 67.5 | 06/12/2021 | 23:00 | 0.4 | 247.5 | 07/12/2021 | 23:00 | 0.4 | 337.5 | 08/12/2021 | 23:00 | 0.9 | 90 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 09/12/2021 | 0:00 | 0.4 | 22.5 | 10/12/2021 | 0:00 | 0.4 | 90 | 11/12/2021 | 0:00 | 1.8 | 337.5 | 12/12/2021 | 0:00 | 0.9 | 112.5 |
| 09/12/2021 | 1:00 | 0.9 | 112.5 | 10/12/2021 | 1:00 | 0.9 | 22.5 | 11/12/2021 | 1:00 | 2.2 | 67.5 | 12/12/2021 | 1:00 | 0.9 | 112.5 |
| 09/12/2021 | 2:00 | 0.4 | 22.5 | 10/12/2021 | 2:00 | 0.4 | 135 | 11/12/2021 | 2:00 | 2.7 | 67.5 | 12/12/2021 | 2:00 | 0.4 | 67.5 |
| 09/12/2021 | 3:00 | 0.9 | 22.5 | 10/12/2021 | 3:00 | 0.4 | 90 | 11/12/2021 | 3:00 | 3.1 | 112.5 | 12/12/2021 | 3:00 | 1.3 | 112.5 |
| 09/12/2021 | 4:00 | 1.3 | 45 | 10/12/2021 | 4:00 | 0.9 | 135 | 11/12/2021 | 4:00 | 2.2 | 45 | 12/12/2021 | 4:00 | 0.9 | 90 |
| 09/12/2021 | 5:00 | 0.9 | 22.5 | 10/12/2021 | 5:00 | 0.4 | 112.5 | 11/12/2021 | 5:00 | 1.8 | 45 | 12/12/2021 | 5:00 | 0.9 | 90 |
| 09/12/2021 | 6:00 | 0.4 | 22.5 | 10/12/2021 | 6:00 | 0.4 | 180 | 11/12/2021 | 6:00 | 1.3 | 135 | 12/12/2021 | 6:00 | 1.3 | 45 |
| 09/12/2021 | 7:00 | 0.4 | 45 | 10/12/2021 | 7:00 | 0.4 | 135 | 11/12/2021 | 7:00 | 1.3 | 90 | 12/12/2021 | 7:00 | 1.3 | 90 |
| 09/12/2021 | 8:00 | 0.4 | 45 | 10/12/2021 | 8:00 | 0.9 | 112.5 | 11/12/2021 | 8:00 | 1.3 | 90 | 12/12/2021 | 8:00 | 0.9 | 67.5 |
| 09/12/2021 | 9:00 | 0.4 | 45 | 10/12/2021 | 9:00 | 1.3 | 157.5 | 11/12/2021 | 9:00 | 1.3 | 67.5 | 12/12/2021 | 9:00 | 0.9 | 90 |
| 09/12/2021 | 10:00 | 0.4 | 0 | 10/12/2021 | 10:00 | 1.3 | 22.5 | 11/12/2021 | 10:00 | 1.3 | 90 | 12/12/2021 | 10:00 | 0.4 | 112.5 |
| 09/12/2021 | 11:00 | 0.4 | 22.5 | 10/12/2021 | 11:00 | 1.3 | 22.5 | 11/12/2021 | 11:00 | 1.3 | 90 | 12/12/2021 | 11:00 | 0.4 | 67.5 |
| 09/12/2021 | 12:00 | 0.4 | 67.5 | 10/12/2021 | 12:00 | 1.8 | 90 | 11/12/2021 | 12:00 | 2.7 | 112.5 | 12/12/2021 | 12:00 | 1.3 | 67.5 |
| 09/12/2021 | 13:00 | 0.4 | 22.5 | 10/12/2021 | 13:00 | 1.3 | 45 | 11/12/2021 | 13:00 | 2.2 | 90 | 12/12/2021 | 13:00 | 0.9 | 135 |
| 09/12/2021 | 14:00 | 0.4 | 45 | 10/12/2021 | 14:00 | 1.3 | 45 | 11/12/2021 | 14:00 | 1.3 | 90 | 12/12/2021 | 14:00 | 0.4 | 135 |
| 09/12/2021 | 15:00 | 1.3 | 90 | 10/12/2021 | 15:00 | 1.8 | 90 | 11/12/2021 | 15:00 | 1.3 | 112.5 | 12/12/2021 | 15:00 | 0.9 | 112.5 |
| 09/12/2021 | 16:00 | 1.8 | 337.5 | 10/12/2021 | 16:00 | 1.3 | 45 | 11/12/2021 | 16:00 | 1.3 | 112.5 | 12/12/2021 | 16:00 | 0.9 | 135 |
| 09/12/2021 | 17:00 | 2.7 | 315 | 10/12/2021 | 17:00 | 1.8 | 22.5 | 11/12/2021 | 17:00 | 0.9 | 90 | 12/12/2021 | 17:00 | 0.9 | 135 |
| 09/12/2021 | 18:00 | 2.2 | 22.5 | 10/12/2021 | 18:00 | 0.9 | 67.5 | 11/12/2021 | 18:00 | 1.3 | 112.5 | 12/12/2021 | 18:00 | 0.9 | 22.5 |
| 09/12/2021 | 19:00 | 2.2 | 22.5 | 10/12/2021 | 19:00 | 1.3 | 22.5 | 11/12/2021 | 19:00 | 0.9 | 90 | 12/12/2021 | 19:00 | 0.9 | 112.5 |
| 09/12/2021 | 20:00 | 2.2 | 22.5 | 10/12/2021 | 20:00 | 0.9 | 45 | 11/12/2021 | 20:00 | 1.3 | 112.5 | 12/12/2021 | 20:00 | 0.4 | 112.5 |
| 09/12/2021 | 21:00 | 2.2 | 22.5 | 10/12/2021 | 21:00 | 0.9 | 90 | 11/12/2021 | 21:00 | 1.3 | 90 | 12/12/2021 | 21:00 | 0.4 | 112.5 |
| 09/12/2021 | 22:00 | 1.8 | 67.5 | 10/12/2021 | 22:00 | 0.9 | 90 | 11/12/2021 | 22:00 | 1.3 | 90 | 12/12/2021 | 22:00 | 1.3 | 112.5 |
| 09/12/2021 | 23:00 | 1.8 | 0 | 10/12/2021 | 23:00 | 0.4 | 337.5 | 11/12/2021 | 23:00 | 1.3 | 112.5 | 12/12/2021 | 23:00 | 0.9 | 315 |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13/12/2021 | 0:00 | 1.3 | 45 | 14/12/2021 | 0:00 | 1.3 | 22.5 | 15/12/2021 | 0:00 | 0.9 | 112.5 | 16/12/2021 | 0:00 | 1.8 | 67.5 |
| 13/12/2021 | 1:00 | 1.3 | 202.5 | 14/12/2021 | 1:00 | 0.9 | 135 | 15/12/2021 | 1:00 | 0.4 | 67.5 | 16/12/2021 | 1:00 | 1.3 | 90 |
| 13/12/2021 | 2:00 | 0.9 | 90 | 14/12/2021 | 2:00 | 0.9 | 337.5 | 15/12/2021 | 2:00 | 1.3 | 90 | 16/12/2021 | 2:00 | 1.3 | 45 |
| 13/12/2021 | 3:00 | 0.9 | 315 | 14/12/2021 | 3:00 | 1.3 | 22.5 | 15/12/2021 | 3:00 | 0.9 | 292.5 | 16/12/2021 | 3:00 | 1.3 | 90 |
| 13/12/2021 | 4:00 | 0.9 | 337.5 | 14/12/2021 | 4:00 | 1.8 | 22.5 | 15/12/2021 | 4:00 | 0.4 | 90 | 16/12/2021 | 4:00 | 1.3 | 135 |
| 13/12/2021 | 5:00 | 1.3 | 337.5 | 14/12/2021 | 5:00 | 1.3 | 22.5 | 15/12/2021 | 5:00 | 0.4 | 112.5 | 16/12/2021 | 5:00 | 0.9 | 67.5 |
| 13/12/2021 | 6:00 | 0.9 | 270 | 14/12/2021 | 6:00 | 1.8 | 45 | 15/12/2021 | 6:00 | 0.4 | 90 | 16/12/2021 | 6:00 | 0.9 | 90 |
| 13/12/2021 | 7:00 | 0.4 | 315 | 14/12/2021 | 7:00 | 1.3 | 22.5 | 15/12/2021 | 7:00 | 0.4 | 337.5 | 16/12/2021 | 7:00 | 0.9 | 90 |
| 13/12/2021 | 8:00 | 0 | 337.5 | 14/12/2021 | 8:00 | 1.3 | 337.5 | 15/12/2021 | 8:00 | 1.3 | 22.5 | 16/12/2021 | 8:00 | 0.9 | 67.5 |
| 13/12/2021 | 9:00 | 0.4 | 22.5 | 14/12/2021 | 9:00 | 1.3 | 22.5 | 15/12/2021 | 9:00 | 1.3 | 112.5 | 16/12/2021 | 9:00 | 0.9 | 67.5 |
| 13/12/2021 | 10:00 | 0 | 22.5 | 14/12/2021 | 10:00 | 0.9 | 90 | 15/12/2021 | 10:00 | 0.9 | 22.5 | 16/12/2021 | 10:00 | 0.9 | 112.5 |
| 13/12/2021 | 11:00 | 0 | 22.5 | 14/12/2021 | 11:00 | 0.4 | 90 | 15/12/2021 | 11:00 | 0.4 | 45 | 16/12/2021 | 11:00 | 0.9 | 67.5 |
| 13/12/2021 | 12:00 | 0 | 22.5 | 14/12/2021 | 12:00 | 0.4 | 45 | 15/12/2021 | 12:00 | 0.9 | 112.5 | 16/12/2021 | 12:00 | 0.9 | 135 |
| 13/12/2021 | 13:00 | 0.4 | 22.5 | 14/12/2021 | 13:00 | 0.4 | 292.5 | 15/12/2021 | 13:00 | 0.4 | 112.5 | 16/12/2021 | 13:00 | 0.9 | 45 |
| 13/12/2021 | 14:00 | 0.4 | 45 | 14/12/2021 | 14:00 | 0.4 | 90 | 15/12/2021 | 14:00 | 0.4 | 112.5 | 16/12/2021 | 14:00 | 1.3 | 90 |
| 13/12/2021 | 15:00 | 0.9 | 337.5 | 14/12/2021 | 15:00 | 0.4 | 45 | 15/12/2021 | 15:00 | 0.9 | 337.5 | 16/12/2021 | 15:00 | 1.3 | 67.5 |
| 13/12/2021 | 16:00 | 0.4 | 22.5 | 14/12/2021 | 16:00 | 0.9 | 90 | 15/12/2021 | 16:00 | 0.9 | 112.5 | 16/12/2021 | 16:00 | 0.4 | 67.5 |
| 13/12/2021 | 17:00 | 0.4 | 157.5 | 14/12/2021 | 17:00 | 0.9 | 337.5 | 15/12/2021 | 17:00 | 1.3 | 45 | 16/12/2021 | 17:00 | 0.4 | 112.5 |
| 13/12/2021 | 18:00 | 0.9 | 112.5 | 14/12/2021 | 18:00 | 0.4 | 337.5 | 15/12/2021 | 18:00 | 1.3 | 90 | 16/12/2021 | 18:00 | 0.4 | 67.5 |
| 13/12/2021 | 19:00 | 0.4 | 112.5 | 14/12/2021 | 19:00 | 0.9 | 135 | 15/12/2021 | 19:00 | 0.4 | 90 | 16/12/2021 | 19:00 | 0.4 | 135 |
| 13/12/2021 | 20:00 | 0.4 | 135 | 14/12/2021 | 20:00 | 0.4 | 270 | 15/12/2021 | 20:00 | 0.9 | 112.5 | 16/12/2021 | 20:00 | 0.4 | 45 |
| 13/12/2021 | 21:00 | 0.4 | 90 | 14/12/2021 | 21:00 | 0.9 | 270 | 15/12/2021 | 21:00 | 1.3 | 90 | 16/12/2021 | 21:00 | 0.4 | 90 |
| 13/12/2021 | 22:00 | 0.9 | 135 | 14/12/2021 | 22:00 | 1.3 | 112.5 | 15/12/2021 | 22:00 | 1.3 | 90 | 16/12/2021 | 22:00 | 0.4 | 67.5 |
| 13/12/2021 | 23:00 | 1.3 | 112.5 | 14/12/2021 | 23:00 | 1.3 | 135 | 15/12/2021 | 23:00 | 1.8 | 112.5 | 16/12/2021 | 23:00 | 0.4 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17/12/2021 | 0:00 | 1.3 | 90 | 18/12/2021 | 0:00 | 0.4 | 157.5 | 19/12/2021 | 0:00 | 0.9 | 67.5 | 20/12/2021 | 0:00 | 0.9 | 90 |
| 17/12/2021 | 1:00 | 1.3 | 157.5 | 18/12/2021 | 1:00 | 0.4 | 135 | 19/12/2021 | 1:00 | 1.3 | 270 | 20/12/2021 | 1:00 | 0.9 | 67.5 |
| 17/12/2021 | 2:00 | 0.9 | 135 | 18/12/2021 | 2:00 | 0.4 | 112.5 | 19/12/2021 | 2:00 | 0.9 | 135 | 20/12/2021 | 2:00 | 0.9 | 90 |
| 17/12/2021 | 3:00 | 0.4 | 90 | 18/12/2021 | 3:00 | 0.4 | 112.5 | 19/12/2021 | 3:00 | 1.3 | 337.5 | 20/12/2021 | 3:00 | 1.3 | 112.5 |
| 17/12/2021 | 4:00 | 1.3 | 135 | 18/12/2021 | 4:00 | 0.4 | 112.5 | 19/12/2021 | 4:00 | 0.4 | 67.5 | 20/12/2021 | 4:00 | 1.3 | 90 |
| 17/12/2021 | 5:00 | 1.8 | 112.5 | 18/12/2021 | 5:00 | 0.4 | 90 | 19/12/2021 | 5:00 | 0.4 | 202.5 | 20/12/2021 | 5:00 | 0.9 | 112.5 |
| 17/12/2021 | 6:00 | 0.9 | 270 | 18/12/2021 | 6:00 | 0.4 | 67.5 | 19/12/2021 | 6:00 | 0.4 | 67.5 | 20/12/2021 | 6:00 | 1.3 | 112.5 |
| 17/12/2021 | 7:00 | 0.9 | 315 | 18/12/2021 | 7:00 | 0.4 | 337.5 | 19/12/2021 | 7:00 | 0.4 | 112.5 | 20/12/2021 | 7:00 | 1.3 | 90 |
| 17/12/2021 | 8:00 | 1.3 | 315 | 18/12/2021 | 8:00 | 0.9 | 22.5 | 19/12/2021 | 8:00 | 1.8 | 45 | 20/12/2021 | 8:00 | 1.8 | 67.5 |
| 17/12/2021 | 9:00 | 1.3 | 22.5 | 18/12/2021 | 9:00 | 0.4 | 90 | 19/12/2021 | 9:00 | 0.9 | 90 | 20/12/2021 | 9:00 | 1.8 | 90 |
| 17/12/2021 | 10:00 | 0.9 | 22.5 | 18/12/2021 | 10:00 | 0.4 | 67.5 | 19/12/2021 | 10:00 | 0.9 | 67.5 | 20/12/2021 | 10:00 | 1.3 | 90 |
| 17/12/2021 | 11:00 | 0.9 | 22.5 | 18/12/2021 | 11:00 | 0.4 | 202.5 | 19/12/2021 | 11:00 | 1.3 | 22.5 | 20/12/2021 | 11:00 | 0.9 | 157.5 |
| 17/12/2021 | 12:00 | 1.3 | 225 | 18/12/2021 | 12:00 | 0.4 | 90 | 19/12/2021 | 12:00 | 0.9 | 135 | 20/12/2021 | 12:00 | 0.4 | 45 |
| 17/12/2021 | 13:00 | 1.3 | 45 | 18/12/2021 | 13:00 | 0.4 | 180 | 19/12/2021 | 13:00 | 0.4 | 135 | 20/12/2021 | 13:00 | 0.9 | 67.5 |
| 17/12/2021 | 14:00 | 1.8 | 22.5 | 18/12/2021 | 14:00 | 0.4 | 45 | 19/12/2021 | 14:00 | 0.4 | 112.5 | 20/12/2021 | 14:00 | 0.9 | 22.5 |
| 17/12/2021 | 15:00 | 1.3 | 67.5 | 18/12/2021 | 15:00 | 0.9 | 202.5 | 19/12/2021 | 15:00 | 0.9 | 22.5 | 20/12/2021 | 15:00 | 1.3 | 22.5 |
| 17/12/2021 | 16:00 | 1.3 | 135 | 18/12/2021 | 16:00 | 1.3 | 247.5 | 19/12/2021 | 16:00 | 0.9 | 45 | 20/12/2021 | 16:00 | 1.8 | 22.5 |
| 17/12/2021 | 17:00 | 1.8 | 67.5 | 18/12/2021 | 17:00 | 1.3 | 90 | 19/12/2021 | 17:00 | 0.4 | 337.5 | 20/12/2021 | 17:00 | 1.3 | 45 |
| 17/12/2021 | 18:00 | 0.9 | 270 | 18/12/2021 | 18:00 | 0.9 | 337.5 | 19/12/2021 | 18:00 | 1.3 | 45 | 20/12/2021 | 18:00 | 1.3 | 90 |
| 17/12/2021 | 19:00 | 0.9 | 0 | 18/12/2021 | 19:00 | 0.9 | 45 | 19/12/2021 | 19:00 | 0.9 | 45 | 20/12/2021 | 19:00 | 1.3 | 90 |
| 17/12/2021 | 20:00 | 0.4 | 315 | 18/12/2021 | 20:00 | 0.9 | 270 | 19/12/2021 | 20:00 | 0.9 | 112.5 | 20/12/2021 | 20:00 | 0.9 | 112.5 |
| 17/12/2021 | 21:00 | 0.4 | 22.5 | 18/12/2021 | 21:00 | 1.3 | 67.5 | 19/12/2021 | 21:00 | 0.9 | 67.5 | 20/12/2021 | 21:00 | 1.3 | 112.5 |
| 17/12/2021 | 22:00 | 0.4 | 22.5 | 18/12/2021 | 22:00 | 1.3 | 270 | 19/12/2021 | 22:00 | 0.4 | 22.5 | 20/12/2021 | 22:00 | 0.9 | 112.5 |
| 17/12/2021 | 23:00 | 1.3 | 67.5 | 18/12/2021 | 23:00 | 1.3 | 337.5 | 19/12/2021 | 23:00 | 0.9 | 112.5 | 20/12/2021 | 23:00 | 0.9 | 90 |

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

| Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21/12/2021 | 0:00 | 1.8 | 247.5 | 22/12/2021 | 0:00 | 0.9 | 337.5 | 23/12/2021 | 0:00 | 0.9 | 337.5 | 24/12/2021 | 0:00 | 1.3 | 112.5 |
| 21/12/2021 | 1:00 | 1.8 | 90 | 22/12/2021 | 1:00 | 0.9 | 247.5 | 23/12/2021 | 1:00 | 0.4 | 90 | 24/12/2021 | 1:00 | 0.4 | 67.5 |
| 21/12/2021 | 2:00 | 1.3 | 337.5 | 22/12/2021 | 2:00 | 0.4 | 247.5 | 23/12/2021 | 2:00 | 0.4 | 22.5 | 24/12/2021 | 2:00 | 0.4 | 67.5 |
| 21/12/2021 | 3:00 | 1.3 | 135 | 22/12/2021 | 3:00 | 0.4 | 247.5 | 23/12/2021 | 3:00 | 0.4 | 22.5 | 24/12/2021 | 3:00 | 0 | 67.5 |
| 21/12/2021 | 4:00 | 1.8 | 337.5 | 22/12/2021 | 4:00 | 0.4 | 225 | 23/12/2021 | 4:00 | 0.9 | 157.5 | 24/12/2021 | 4:00 | 0.4 | 67.5 |
| 21/12/2021 | 5:00 | 2.2 | 90 | 22/12/2021 | 5:00 | 0.4 | 247.5 | 23/12/2021 | 5:00 | 0.4 | 157.5 | 24/12/2021 | 5:00 | 0.4 | 67.5 |
| 21/12/2021 | 6:00 | 1.3 | 90 | 22/12/2021 | 6:00 | 0.4 | 247.5 | 23/12/2021 | 6:00 | 0.4 | 45 | 24/12/2021 | 6:00 | 0.4 | 90 |
| 21/12/2021 | 7:00 | 1.3 | 90 | 22/12/2021 | 7:00 | 0.4 | 247.5 | 23/12/2021 | 7:00 | 0.4 | 90 | 24/12/2021 | 7:00 | 0.4 | 135 |
| 21/12/2021 | 8:00 | 1.8 | 45 | 22/12/2021 | 8:00 | 0.9 | 157.5 | 23/12/2021 | 8:00 | 0.9 | 135 | 24/12/2021 | 8:00 | 0 | 22.5 |
| 21/12/2021 | 9:00 | 1.8 | 112.5 | 22/12/2021 | 9:00 | 0.9 | 157.5 | 23/12/2021 | 9:00 | 0.9 | 112.5 | 24/12/2021 | 9:00 | 0 | 67.5 |
| 21/12/2021 | 10:00 | 1.8 | 90 | 22/12/2021 | 10:00 | 0.9 | 315 | 23/12/2021 | 10:00 | 0.4 | 337.5 | 24/12/2021 | 10:00 | 0 | 67.5 |
| 21/12/2021 | 11:00 | 2.2 | 112.5 | 22/12/2021 | 11:00 | 0.4 | 315 | 23/12/2021 | 11:00 | 0.4 | 270 | 24/12/2021 | 11:00 | 1.8 | 0 |
| 21/12/2021 | 12:00 | 2.2 | 67.5 | 22/12/2021 | 12:00 | 0.9 | 315 | 23/12/2021 | 12:00 | 0.4 | 225 | 24/12/2021 | 12:00 | 1.8 | 247.5 |
| 21/12/2021 | 13:00 | 1.8 | 292.5 | 22/12/2021 | 13:00 | 0.9 | 247.5 | 23/12/2021 | 13:00 | 0.4 | 112.5 | 24/12/2021 | 13:00 | 0.9 | 247.5 |
| 21/12/2021 | 14:00 | 1.3 | 67.5 | 22/12/2021 | 14:00 | 0.4 | 247.5 | 23/12/2021 | 14:00 | 0.9 | 112.5 | 24/12/2021 | 14:00 | 1.3 | 315 |
| 21/12/2021 | 15:00 | 0.9 | 112.5 | 22/12/2021 | 15:00 | 0.9 | 22.5 | 23/12/2021 | 15:00 | 0.9 | 67.5 | 24/12/2021 | 15:00 | 1.3 | 0 |
| 21/12/2021 | 16:00 | 0.9 | 157.5 | 22/12/2021 | 16:00 | 0.4 | 45 | 23/12/2021 | 16:00 | 0.9 | 45 | 24/12/2021 | 16:00 | 0.9 | 315 |
| 21/12/2021 | 17:00 | 0.9 | 67.5 | 22/12/2021 | 17:00 | 0.4 | 45 | 23/12/2021 | 17:00 | 0.4 | 112.5 | 24/12/2021 | 17:00 | 0.9 | 0 |
| 21/12/2021 | 18:00 | 1.3 | 112.5 | 22/12/2021 | 18:00 | 0.9 | 22.5 | 23/12/2021 | 18:00 | 0.4 | 135 | 24/12/2021 | 18:00 | 1.3 | 0 |
| 21/12/2021 | 19:00 | 0.9 | 202.5 | 22/12/2021 | 19:00 | 0.9 | 247.5 | 23/12/2021 | 19:00 | 0.9 | 112.5 | 24/12/2021 | 19:00 | 1.3 | 0 |
| 21/12/2021 | 20:00 | 0.9 | 67.5 | 22/12/2021 | 20:00 | 0.9 | 270 | 23/12/2021 | 20:00 | 0.9 | 135 | 24/12/2021 | 20:00 | 0.9 | 292.5 |
| 21/12/2021 | 21:00 | 0.4 | 225 | 22/12/2021 | 21:00 | 0.9 | 247.5 | 23/12/2021 | 21:00 | 0.9 | 135 | 24/12/2021 | 21:00 | 1.3 | 292.5 |
| 21/12/2021 | 22:00 | 0.4 | 247.5 | 22/12/2021 | 22:00 | 0.9 | 270 | 23/12/2021 | 22:00 | 0.4 | 135 | 24/12/2021 | 22:00 | 1.3 | 67.5 |
| 21/12/2021 | 23:00 | 0.9 | 247.5 | 22/12/2021 | 23:00 | 0.4 | 247.5 | 23/12/2021 | 23:00 | 0.4 | 135 | 24/12/2021 | 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 | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction | Date | Time | Wind Speed (m/s) | Wind Direction |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25/12/2021 | 0:00 | 0.9 | 247.5 | 26/12/2021 | 0:00 | 0.9 | 247.5 | 27/12/2021 | 0:00 | 0.4 | 135 | 28/12/2021 | 0:00 | 0.4 | 22.5 |
| 25/12/2021 | 1:00 | 0.9 | 90 | 26/12/2021 | 1:00 | 0.9 | 22.5 | 27/12/2021 | 1:00 | 0.4 | 112.5 | 28/12/2021 | 1:00 | 0.4 | 90 |
| 25/12/2021 | 2:00 | 0.9 | 157.5 | 26/12/2021 | 2:00 | 1.3 | 45 | 27/12/2021 | 2:00 | 1.8 | 112.5 | 28/12/2021 | 2:00 | 0.4 | 22.5 |
| 25/12/2021 | 3:00 | 0.9 | 67.5 | 26/12/2021 | 3:00 | 0.9 | 22.5 | 27/12/2021 | 3:00 | 0.9 | 112.5 | 28/12/2021 | 3:00 | 0.4 | 112.5 |
| 25/12/2021 | 4:00 | 0.9 | 67.5 | 26/12/2021 | 4:00 | 0.9 | 22.5 | 27/12/2021 | 4:00 | 0.4 | 45 | 28/12/2021 | 4:00 | 0.4 | 22.5 |
| 25/12/2021 | 5:00 | 0.9 | 112.5 | 26/12/2021 | 5:00 | 0.9 | 45 | 27/12/2021 | 5:00 | 0.4 | 247.5 | 28/12/2021 | 5:00 | 0.4 | 112.5 |
| 25/12/2021 | 6:00 | 0.9 | 67.5 | 26/12/2021 | 6:00 | 1.3 | 90 | 27/12/2021 | 6:00 | 0.4 | 247.5 | 28/12/2021 | 6:00 | 0.4 | 22.5 |
| 25/12/2021 | 7:00 | 0.9 | 337.5 | 26/12/2021 | 7:00 | 0.9 | 225 | 27/12/2021 | 7:00 | 0.9 | 180 | 28/12/2021 | 7:00 | 0.4 | 247.5 |
| 25/12/2021 | 8:00 | 0.9 | 90 | 26/12/2021 | 8:00 | 1.3 | 112.5 | 27/12/2021 | 8:00 | 0.4 | 90 | 28/12/2021 | 8:00 | 0.9 | 270 |
| 25/12/2021 | 9:00 | 0.4 | 90 | 26/12/2021 | 9:00 | 1.8 | 337.5 | 27/12/2021 | 9:00 | 0.4 | 247.5 | 28/12/2021 | 9:00 | 0.9 | 45 |
| 25/12/2021 | 10:00 | 0.4 | 90 | 26/12/2021 | 10:00 | 1.3 | 337.5 | 27/12/2021 | 10:00 | 0.4 | 225 | 28/12/2021 | 10:00 | 0.9 | 90 |
| 25/12/2021 | 11:00 | 0.4 | 112.5 | 26/12/2021 | 11:00 | 1.8 | 45 | 27/12/2021 | 11:00 | 0.4 | 225 | 28/12/2021 | 11:00 | 1.3 | 67.5 |
| 25/12/2021 | 12:00 | 0.4 | 135 | 26/12/2021 | 12:00 | 1.3 | 45 | 27/12/2021 | 12:00 | 1.3 | 180 | 28/12/2021 | 12:00 | 1.3 | 247.5 |
| 25/12/2021 | 13:00 | 0.4 | 135 | 26/12/2021 | 13:00 | 1.8 | 337.5 | 27/12/2021 | 13:00 | 0.4 | 270 | 28/12/2021 | 13:00 | 0.4 | 247.5 |
| 25/12/2021 | 14:00 | 0.9 | 112.5 | 26/12/2021 | 14:00 | 1.3 | 247.5 | 27/12/2021 | 14:00 | 0.9 | 202.5 | 28/12/2021 | 14:00 | 0.9 | 247.5 |
| 25/12/2021 | 15:00 | 0.9 | 22.5 | 26/12/2021 | 15:00 | 1.3 | 22.5 | 27/12/2021 | 15:00 | 0.4 | 202.5 | 28/12/2021 | 15:00 | 0.9 | 225 |
| 25/12/2021 | 16:00 | 0.9 | 22.5 | 26/12/2021 | 16:00 | 1.3 | 337.5 | 27/12/2021 | 16:00 | 0.9 | 247.5 | 28/12/2021 | 16:00 | 0.9 | 225 |
| 25/12/2021 | 17:00 | 0.9 | 22.5 | 26/12/2021 | 17:00 | 0.4 | 22.5 | 27/12/2021 | 17:00 | 0.9 | 247.5 | 28/12/2021 | 17:00 | 0.4 | 45 |
| 25/12/2021 | 18:00 | 1.3 | 67.5 | 26/12/2021 | 18:00 | 0.9 | 22.5 | 27/12/2021 | 18:00 | 0.4 | 225 | 28/12/2021 | 18:00 | 0.9 | 270 |
| 25/12/2021 | 19:00 | 1.8 | 90 | 26/12/2021 | 19:00 | 1.3 | 67.5 | 27/12/2021 | 19:00 | 0.9 | 157.5 | 28/12/2021 | 19:00 | 0.9 | 22.5 |
| 25/12/2021 | 20:00 | 0.9 | 270 | 26/12/2021 | 20:00 | 1.8 | 45 | 27/12/2021 | 20:00 | 0.9 | 135 | 28/12/2021 | 20:00 | 0.9 | 67.5 |
| 25/12/2021 | 21:00 | 0.9 | 270 | 26/12/2021 | 21:00 | 1.8 | 90 | 27/12/2021 | 21:00 | 0.9 | 135 | 28/12/2021 | 21:00 | 0.4 | 90 |
| 25/12/2021 | 22:00 | 0.9 | 135 | 26/12/2021 | 22:00 | 1.8 | 292.5 | 27/12/2021 | 22:00 | 1.3 | 337.5 | 28/12/2021 | 22:00 | 0.4 | 135 |
| 25/12/2021 | 23:00 | 0.9 | 22.5 | 26/12/2021 | 23:00 | 1.8 | 112.5 | 27/12/2021 | 23:00 | 0.9 | 225 | 28/12/2021 | 23:00 | 0 | 135 |

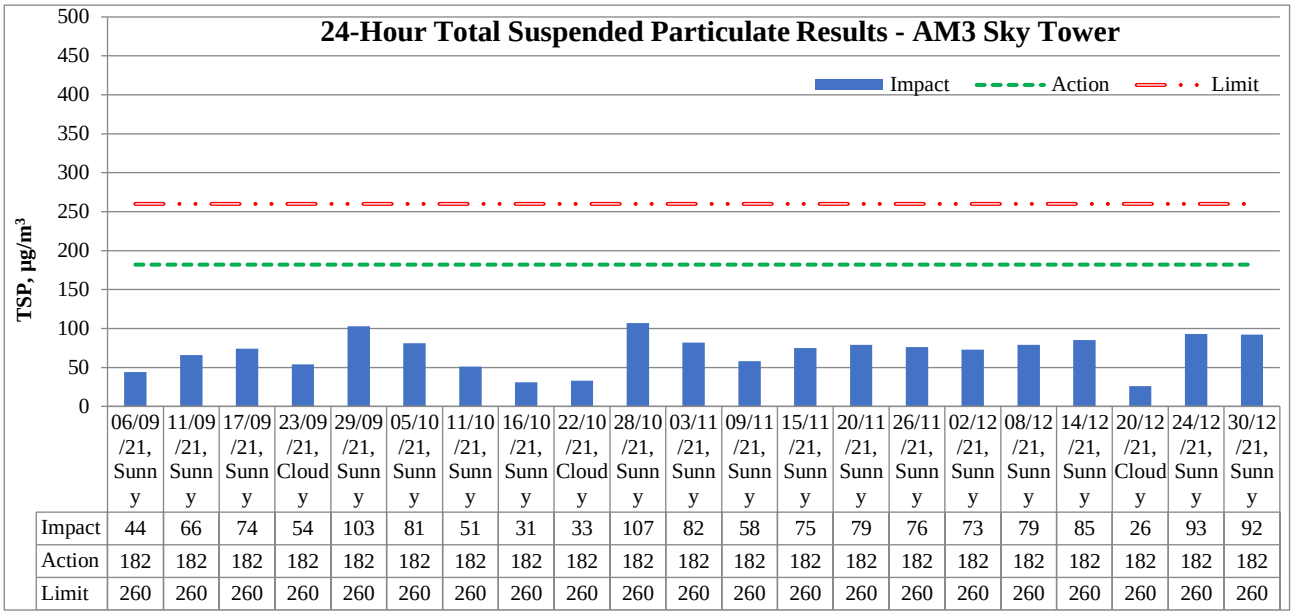
Mean Wind Speed and Wind Direction recorded by the weather station setup at the rooftop of Hong Kong Children's Hospital

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29/12/2021 | 0:00 | 0.4 | 90 | 30/12/2021 | 0:00 | 0.9 | 225 | 31/12/2021 | 0:00 | 0.4 | 22.5 | | | | |
| 29/12/2021 | 1:00 | 0.4 | 0 | 30/12/2021 | 1:00 | 0.4 | 247.5 | 31/12/2021 | 1:00 | 0.4 | 90 | | | | |
| 29/12/2021 | 2:00 | 0.4 | 0 | 30/12/2021 | 2:00 | 0.9 | 292.5 | 31/12/2021 | 2:00 | 0.9 | 67.5 | | | | |
| 29/12/2021 | 3:00 | 0.9 | 22.5 | 30/12/2021 | 3:00 | 0.4 | 247.5 | 31/12/2021 | 3:00 | 0.9 | 45 | | | | |
| 29/12/2021 | 4:00 | 0.9 | 112.5 | 30/12/2021 | 4:00 | 0.4 | 247.5 | 31/12/2021 | 4:00 | 0.4 | 45 | | | | |
| 29/12/2021 | 5:00 | 0.4 | 22.5 | 30/12/2021 | 5:00 | 0.9 | 225 | 31/12/2021 | 5:00 | 0.4 | 22.5 | | | | |
| 29/12/2021 | 6:00 | 0.4 | 270 | 30/12/2021 | 6:00 | 0.9 | 247.5 | 31/12/2021 | 6:00 | 0.9 | 90 | | | | |
| 29/12/2021 | 7:00 | 0.4 | 270 | 30/12/2021 | 7:00 | 0.4 | 225 | 31/12/2021 | 7:00 | 0.9 | 45 | | | | |
| 29/12/2021 | 8:00 | 0.4 | 270 | 30/12/2021 | 8:00 | 0.4 | 225 | 31/12/2021 | 8:00 | 0.9 | 22.5 | | | | |
| 29/12/2021 | 9:00 | 0.4 | 247.5 | 30/12/2021 | 9:00 | 0.4 | 247.5 | 31/12/2021 | 9:00 | 1.3 | 45 | | | | |
| 29/12/2021 | 10:00 | 0.4 | 202.5 | 30/12/2021 | 10:00 | 0.4 | 225 | 31/12/2021 | 10:00 | 1.8 | 22.5 | | | | |
| 29/12/2021 | 11:00 | 0.9 | 247.5 | 30/12/2021 | 11:00 | 0.4 | 180 | 31/12/2021 | 11:00 | 1.8 | 22.5 | | | | |
| 29/12/2021 | 12:00 | 0.4 | 180 | 30/12/2021 | 12:00 | 0.4 | 247.5 | 31/12/2021 | 12:00 | 1.8 | 315 | | | | |
| 29/12/2021 | 13:00 | 0.4 | 135 | 30/12/2021 | 13:00 | 0.4 | 225 | 31/12/2021 | 13:00 | 1.8 | 67.5 | | | | |
| 29/12/2021 | 14:00 | 0.4 | 135 | 30/12/2021 | 14:00 | 0.4 | 225 | 31/12/2021 | 14:00 | 1.8 | 112.5 | | | | |
| 29/12/2021 | 15:00 | 0.4 | 112.5 | 30/12/2021 | 15:00 | 0.9 | 202.5 | 31/12/2021 | 15:00 | 1.3 | 112.5 | | | | |
| 29/12/2021 | 16:00 | 0.4 | 112.5 | 30/12/2021 | 16:00 | 0.4 | 180 | 31/12/2021 | 16:00 | 1.3 | 112.5 | | | | |
| 29/12/2021 | 17:00 | 0.4 | 225 | 30/12/2021 | 17:00 | 0.4 | 225 | 31/12/2021 | 17:00 | 1.8 | 112.5 | | | | |
| 29/12/2021 | 18:00 | 0.9 | 225 | 30/12/2021 | 18:00 | 1.3 | 157.5 | 31/12/2021 | 18:00 | 0.9 | 112.5 | | | | |
| 29/12/2021 | 19:00 | 0.9 | 225 | 30/12/2021 | 19:00 | 0.9 | 157.5 | 31/12/2021 | 19:00 | 1.3 | 90 | | | | |
| 29/12/2021 | 20:00 | 0.9 | 247.5 | 30/12/2021 | 20:00 | 0.4 | 157.5 | 31/12/2021 | 20:00 | 0.9 | 135 | | | | |
| 29/12/2021 | 21:00 | 0.4 | 67.5 | 30/12/2021 | 21:00 | 0.9 | 157.5 | 31/12/2021 | 21:00 | 0.4 | 90 | | | | |
| 29/12/2021 | 22:00 | 0.4 | 157.5 | 30/12/2021 | 22:00 | 0.4 | 157.5 | 31/12/2021 | 22:00 | 0.4 | 90 | | | | |
| 29/12/2021 | 23:00 | 0.4 | 45 | 30/12/2021 | 23:00 | 0.4 | 112.5 | 31/12/2021 | 23:00 | 0.9 | 112.5 | | | | |

# Appendix D – Monitoring data and graphical plots

**24-hour average TSP**

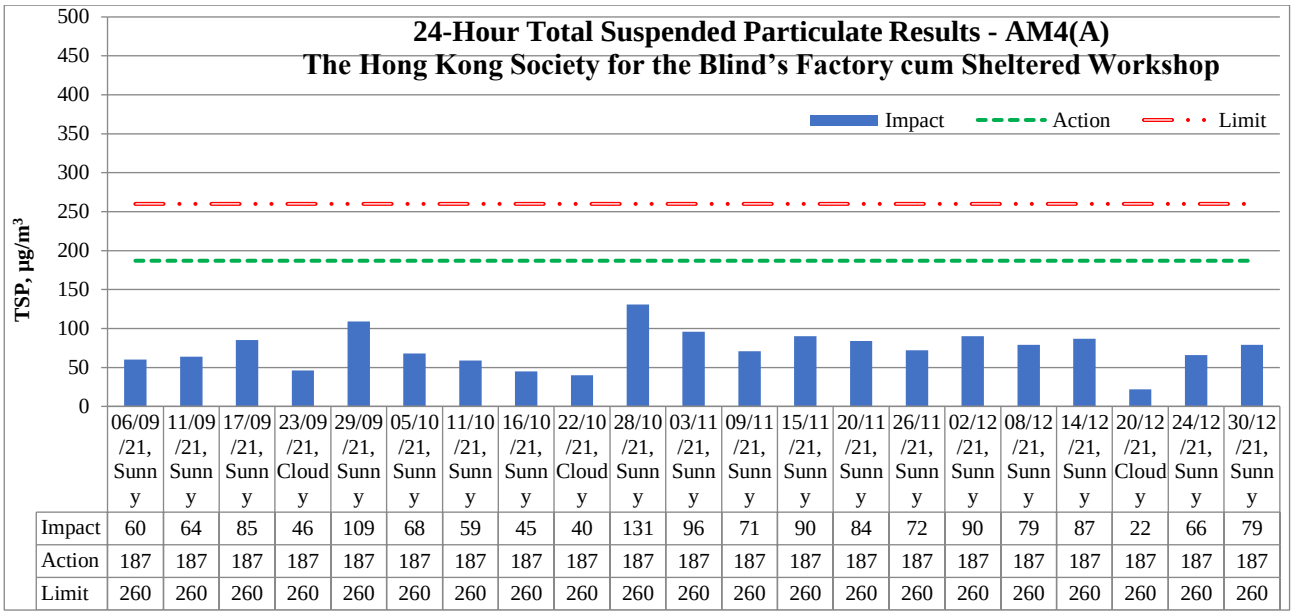
| **Air Monitoring Station** | | **AM3 – Sky Tower** | **AM4(A) – The Hong Kong Society for the Blind's Factory cum Sheltered Workshop** | **AM7 – Hong Kong Children's Hospital** |
|---|---|---|---|---|
| Start Date | Weather | 24-hr Average TSP Concentration, $\mu g/m^3$ | 24-hr Average TSP Concentration, $\mu g/m^3$ | 24-hr Average TSP Concentration, $\mu g/m^3$ |
| 6/9/2021 | Sunny | 44 | 60 | 32 |
| 11/9/2021 | Sunny | 66 | 64 | 83 |
| 17/9/2021 | Sunny | 74 | 85 | 94 |
| 23/9/2021 | Cloudy | 54 | 46 | 50 |
| 29/9/2021 | Sunny | 103 | 109 | 118 |
| 5/10/2021 | Sunny | 81 | 68 | 85 |
| 11/10/2021 | Sunny | 51 | 59 | 71 |
| 16/10/2021 | Sunny | 31 | 45 | 41 |
| 22/10/2021 | Cloudy | 33 | 40 | 51 |
| 28/10/2021 | Sunny | 107 | 131 | 100 |
| 3/11/2021 | Sunny | 82 | 96 | 70 |
| 9/11/2021 | Sunny | 58 | 71 | 66 |
| 15/11/2021 | Sunny | 75 | 90 | 60 |
| 20/11/2021 | Sunny | 79 | 84 | 58 |
| 26/11/2021 | Sunny | 76 | 72 | 85 |
| 2/12/2021 | Sunny | 73 | 90 | 79 |
| 8/12/2021 | Sunny | 79 | 79 | 80 |
| 14/12/2021 | Sunny | 85 | 87 | 81 |
| 20/12/2021 | Cloudy | 26 | 22 | 24 |
| 24/12/2021 | Sunny | 93 | 66 | 109 |
| 30/12/2021 | Sunny | 92 | 79 | 109 |




| | 06/09/21, Sunny | 11/09/21, Sunny | 17/09/21, Sunny | 23/09/21, Cloudy | 29/09/21, Sunny | 05/10/21, Sunny | 11/10/21, Sunny | 16/10/21, Sunny | 22/10/21, Cloudy | 28/10/21, Sunny | 03/11/21, Sunny | 09/11/21, Sunny | 15/11/21, Sunny | 20/11/21, Sunny | 26/11/21, Sunny | 02/12/21, Sunny | 08/12/21, Sunny | 14/12/21, Sunny | 20/12/21, Cloudy | 24/12/21, Sunny | 30/12/21, Sunny |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Impact | 44 | 66 | 74 | 54 | 103 | 81 | 51 | 31 | 33 | 107 | 82 | 58 | 75 | 79 | 76 | 73 | 79 | 85 | 26 | 93 | 92 |
| Action | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 | 182 |
| Limit | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 |

| Major Construction Activities | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| District Cooling System seawater intake box culvert – Construction of cofferdam and box structure | ✓ | ✓ | ✓ | |
| North Approach Ramp – Construction of wall, roof slab, utilities trough | ✓ | ✓ | ✓ | ✓ |
| Bridge D3 – Construction of Abutment, Pier, Bridge Deck | ✓ | ✓ | ✓ | |
| North Depressed Road – Construction of wall & top slab / Sheet pile extraction | ✓ | ✓ | ✓ | |
| Underpass - Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab | ✓ | ✓ | ✓ | |
| South Approach Ramp – Construction of Permanent Structure | ✓ | ✓ | ✓ | ✓ |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works/Dismantle of working platform | | ✓ | ✓ | |
| Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | ✓ | ✓ | | |
| Lift 4 – Water Pipe Diversion | ✓ | ✓ | | |
| South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation to formation level | ✓ | ✓ | ✓ | |
| Rising Main and Water Pipe – ELS works / Laying | ✓ | ✓ | ✓ | |
| Underpass – Construction of walls and roof slab | | | | ✓ |
| Landscaped Deck – Construction of pile caps | ✓ | ✓ | ✓ | |
| Transformer Room – Sheet pile installation/ Pre-drilling works | ✓ | ✓ | | |
| North Depressed Road – Construction of wall & top slab | | | ✓ | |
| Lift 3 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works/ Installation of lift and earthwork | | | ✓ | |
| Lift 4 – Water Pipe Diversion / Construction of Lift Shaft /Construction Wall and Roof Slab | | | ✓ | |
| Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works | | | ✓ | |
| Road D3 Junction –Road works | | | ✓ | ✓ |
| Lift 1 &2 -Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | | | ✓ | |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works | ✓ | | | |
| Bridge D3 – Construction of Bridge Deck and abutments | | | | ✓ |
| North Depressed Road – Construction of wall & top slab | | | | ✓ |
| District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works | | | | ✓ |
| Lift 3 –Construction of linking platform | | | | ✓ |
| Lift 4 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | | | | ✓ |
| South Depressed Road –Installation of ELS system / construction of permanent works | | | | ✓ |
| Rising Main and Water Pipe – Laying of sewage | | | | ✓ |
| Landscaped Deck –Construction of pile caps and installation of columns | | | | ✓ |
| Transformer Room –Installation of ELS system and construction of permanent structure | | | | ✓ |
| Lift 1 &2 -Installation of ELS system | | | | ✓ |

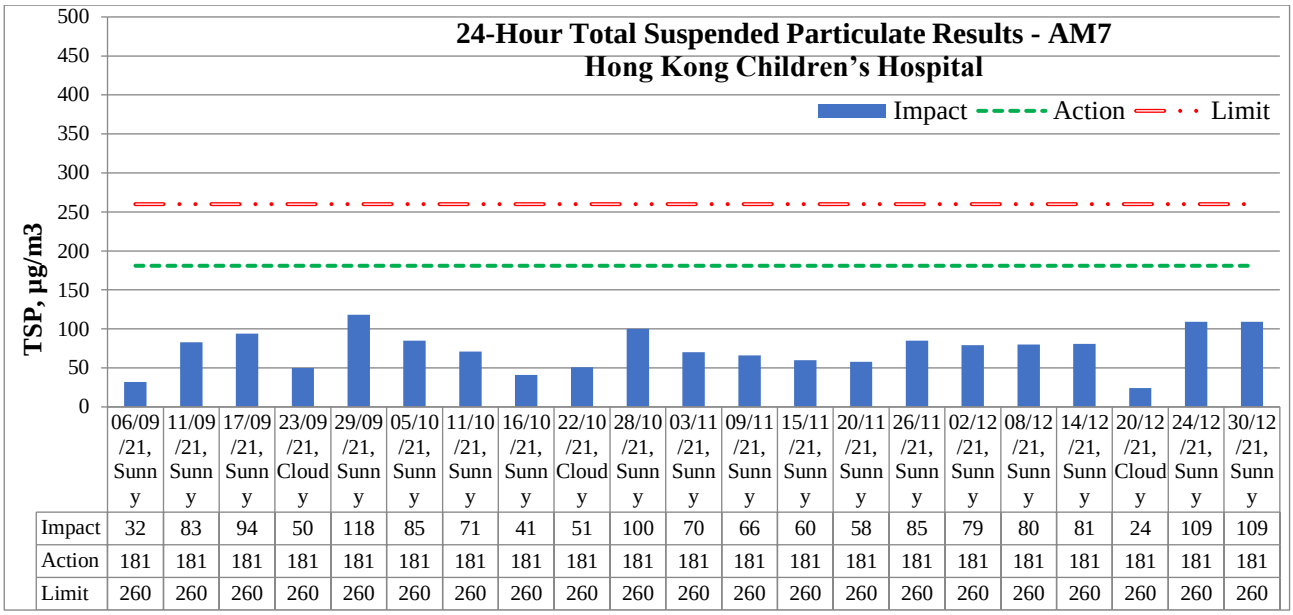
| Factors might affect the monitoring results | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| Non-project related construction activities in the adjacent construction sites were observed. | ✓ | ✓ | ✓ | ✓ |




| | 06/09/21, Sunny | 11/09/21, Sunny | 17/09/21, Sunny | 23/09/21, Cloudy | 29/09/21, Sunny | 05/10/21, Sunny | 11/10/21, Sunny | 16/10/21, Sunny | 22/10/21, Cloudy | 28/10/21, Sunny | 03/11/21, Sunny | 09/11/21, Sunny | 15/11/21, Sunny | 20/11/21, Sunny | 26/11/21, Sunny | 02/12/21, Sunny | 08/12/21, Sunny | 14/12/21, Sunny | 20/12/21, Cloudy | 24/12/21, Sunny | 30/12/21, Sunny |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Impact | 60 | 64 | 85 | 46 | 109 | 68 | 59 | 45 | 40 | 131 | 96 | 71 | 90 | 84 | 72 | 90 | 79 | 87 | 22 | 66 | 79 |
| Action | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 |
| Limit | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 |

| Major Construction Activities | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| District Cooling System seawater intake box culvert – Construction of cofferdam and box structure | ✓ | ✓ | ✓ | |
| North Approach Ramp – Construction of wall, roof slab, utilities trough | ✓ | ✓ | ✓ | ✓ |
| Bridge D3 – Construction of Abutment, Pier, Bridge Deck | ✓ | ✓ | ✓ | |
| North Depressed Road – Construction of wall & top slab / Sheet pile extraction | ✓ | ✓ | ✓ | |
| Underpass - Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab | ✓ | ✓ | ✓ | |
| South Approach Ramp – Construction of Permanent Structure | ✓ | ✓ | ✓ | ✓ |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works/Dismantle of working platform | | ✓ | ✓ | |
| Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | ✓ | ✓ | | |
| Lift 4 – Water Pipe Diversion | ✓ | ✓ | | |
| South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation to formation level | ✓ | ✓ | ✓ | |
| Rising Main and Water Pipe – ELS works / Laying | ✓ | ✓ | ✓ | |
| Underpass – Construction of walls and roof slab | | | | ✓ |
| Landscaped Deck – Construction of pile caps | ✓ | ✓ | ✓ | |
| Transformer Room – Sheet pile installation/ Pre-drilling works | ✓ | ✓ | | |
| North Depressed Road – Construction of wall & top slab | | | ✓ | |
| Lift 3 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works/ Installation of lift and earthwork | | | ✓ | |
| Lift 4 – Water Pipe Diversion / Construction of Lift Shaft /Construction Wall and Roof Slab | | | ✓ | |
| Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works | | | ✓ | |
| Road D3 Junction –Road works | | | ✓ | ✓ |
| Lift 1 &2 -Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | | | ✓ | |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works | ✓ | | | |
| Bridge D3 – Construction of Bridge Deck and abutments | | | | ✓ |
| North Depressed Road – Construction of wall & top slab | | | | ✓ |
| District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works | | | | ✓ |
| Lift 3 –Construction of linking platform | | | | ✓ |
| Lift 4 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | | | | ✓ |
| South Depressed Road –Installation of ELS system / construction of permanent works | | | | ✓ |
| Rising Main and Water Pipe – Laying of sewage | | | | ✓ |
| Landscaped Deck –Construction of pile caps and installation of columns | | | | ✓ |
| Transformer Room –Installation of ELS system and construction of permanent structure | | | | ✓ |
| Lift 1 &2 -Installation of ELS system | | | | ✓ |

| Factors might affect the monitoring results | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| Non-project related construction activities in the adjacent construction sites were observed. | ✓ | ✓ | ✓ | ✓ |




| | 06/09/21, Sunny | 11/09/21, Sunny | 17/09/21, Sunny | 23/09/21, Cloudy | 29/09/21, Sunny | 05/10/21, Sunny | 11/10/21, Sunny | 16/10/21, Sunny | 22/10/21, Cloudy | 28/10/21, Sunny | 03/11/21, Sunny | 09/11/21, Sunny | 15/11/21, Sunny | 20/11/21, Sunny | 26/11/21, Sunny | 02/12/21, Sunny | 08/12/21, Sunny | 14/12/21, Sunny | 20/12/21, Cloudy | 24/12/21, Sunny | 30/12/21, Sunny |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Impact | 32 | 83 | 94 | 50 | 118 | 85 | 71 | 41 | 51 | 100 | 70 | 66 | 60 | 58 | 85 | 79 | 80 | 81 | 24 | 109 | 109 |
| Action | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 |
| Limit | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 |

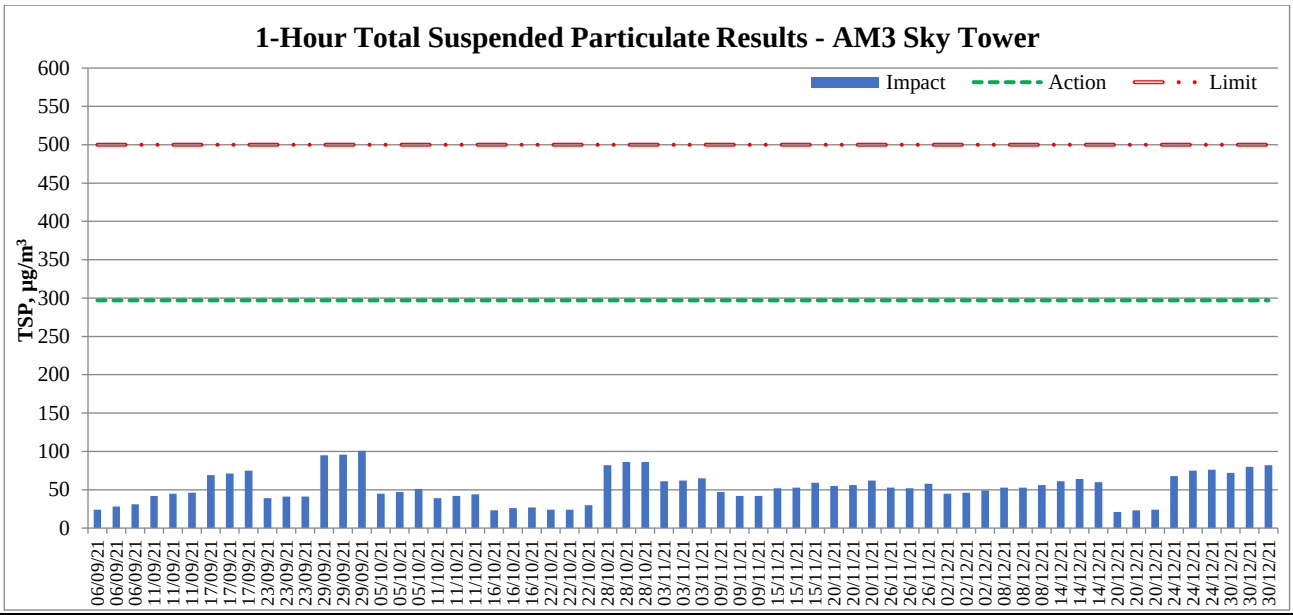
| Major Construction Activities | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| District Cooling System seawater intake box culvert – Construction of cofferdam and box structure | ✓ | ✓ | ✓ | |
| North Approach Ramp – Construction of wall, roof slab, utilities trough | ✓ | ✓ | ✓ | ✓ |
| Bridge D3 – Construction of Abutment, Pier, Bridge Deck | ✓ | ✓ | ✓ | |
| North Depressed Road – Construction of wall & top slab / Sheet pile extraction | ✓ | ✓ | ✓ | |
| Underpass - Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab | ✓ | ✓ | ✓ | |
| South Approach Ramp – Construction of Permanent Structure | ✓ | ✓ | ✓ | ✓ |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works/Dismantle of working platform | | ✓ | ✓ | |
| Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | ✓ | ✓ | | |
| Lift 4 – Water Pipe Diversion | ✓ | ✓ | | |
| South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation to formation level | ✓ | ✓ | ✓ | |
| Rising Main and Water Pipe – ELS works / Laying | ✓ | ✓ | ✓ | |
| Underpass – Construction of walls and roof slab | | | | ✓ |
| Landscaped Deck – Construction of pile caps | ✓ | ✓ | ✓ | |
| Transformer Room – Sheet pile installation/ Pre-drilling works | ✓ | ✓ | | |
| North Depressed Road – Construction of wall & top slab | | | ✓ | |
| Lift 3 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works/ Installation of lift and earthwork | | | ✓ | |
| Lift 4 – Water Pipe Diversion / Construction of Lift Shaft /Construction Wall and Roof Slab | | | ✓ | |
| Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works | | | ✓ | |
| Road D3 Junction –Road works | | | ✓ | ✓ |
| Lift 1 &2 -Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | | | ✓ | |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works | ✓ | | | |
| Bridge D3 – Construction of Bridge Deck and abutments | | | | ✓ |
| North Depressed Road – Construction of wall & top slab | | | | ✓ |
| District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works | | | | ✓ |
| Lift 3 –Construction of linking platform | | | | ✓ |
| Lift 4 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | | | | ✓ |
| South Depressed Road –Installation of ELS system / construction of permanent works | | | | ✓ |
| Rising Main and Water Pipe – Laying of sewage | | | | ✓ |
| Landscaped Deck –Construction of pile caps and installation of columns | | | | ✓ |
| Transformer Room –Installation of ELS system and construction of permanent structure | | | | ✓ |
| Lift 1 &2 -Installation of ELS system | | | | ✓ |

| Factors might affect the monitoring results | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| Non-project related construction activities in the adjacent construction sites were observed. | ✓ | ✓ | ✓ | ✓ |

## 1-hour average TSP

| Air Monitoring Station | | | | AM3 – Sky Tower | |
|---|---|---|---|---|---|
| Date | Measurement Period | | | Weather | 1-hr Average TSP Concentration, μg/m$^3$ |
| 6/9/2021 | 13:00 | - | 14:00 | Sunny | 24 |
| 6/9/2021 | 14:00 | - | 15:00 | | 28 |
| 6/9/2021 | 15:00 | - | 16:00 | | 31 |
| 11/9/2021 | 13:00 | - | 14:00 | Sunny | 42 |
| 11/9/2021 | 14:00 | - | 15:00 | | 45 |
| 11/9/2021 | 15:00 | - | 16:00 | | 46 |
| 17/9/2021 | 9:00 | - | 10:00 | Sunny | 69 |
| 17/9/2021 | 10:00 | - | 11:00 | | 71 |
| 17/9/2021 | 11:00 | - | 12:00 | | 75 |
| 23/9/2021 | 9:00 | - | 10:00 | Cloudy | 39 |
| 23/9/2021 | 10:00 | - | 11:00 | | 41 |
| 23/9/2021 | 11:00 | - | 12:00 | | 41 |
| 29/9/2021 | 9:00 | - | 10:00 | Sunny | 95 |
| 29/9/2021 | 10:00 | - | 11:00 | | 96 |
| 29/9/2021 | 11:00 | - | 12:00 | | 101 |
| 5/10/2021 | 9:00 | - | 10:00 | Sunny | 45 |
| 5/10/2021 | 10:00 | - | 11:00 | | 47 |
| 5/10/2021 | 11:00 | - | 12:00 | | 51 |
| 11/10/2021 | 13:00 | - | 14:00 | Sunny | 39 |
| 11/10/2021 | 14:00 | - | 15:00 | | 42 |
| 11/10/2021 | 15:00 | - | 16:00 | | 44 |
| 16/10/2021 | 9:00 | - | 10:00 | Sunny | 23 |
| 16/10/2021 | 10:00 | - | 11:00 | | 26 |
| 16/10/2021 | 11:00 | - | 12:00 | | 27 |
| 22/10/2021 | 9:00 | - | 10:00 | Cloudy | 24 |
| 22/10/2021 | 10:00 | - | 11:00 | | 24 |
| 22/10/2021 | 11:00 | - | 12:00 | | 30 |
| 28/10/2021 | 13:00 | - | 14:00 | Sunny | 82 |
| 28/10/2021 | 14:00 | - | 15:00 | | 86 |
| 28/10/2021 | 15:00 | - | 16:00 | | 86 |
| 3/11/2021 | 9:00 | - | 10:00 | Sunny | 61 |
| 3/11/2021 | 10:00 | - | 11:00 | | 62 |
| 3/11/2021 | 11:00 | - | 12:00 | | 65 |
| 9/11/2021 | 13:00 | - | 14:00 | Sunny | 47 |
| 9/11/2021 | 14:00 | - | 15:00 | | 42 |
| 9/11/2021 | 15:00 | - | 16:00 | | 42 |
| 15/11/2021 | 9:00 | - | 10:00 | Sunny | 52 |
| 15/11/2021 | 10:00 | - | 11:00 | | 53 |
| 15/11/2021 | 11:00 | - | 12:00 | | 59 |
| 20/11/2021 | 9:00 | - | 10:00 | Sunny | 55 |
| 20/11/2021 | 10:00 | - | 11:00 | | 56 |
| 20/11/2021 | 11:00 | - | 12:00 | | 62 |
| 26/11/2021 | 13:00 | - | 14:00 | Sunny | 53 |
| 26/11/2021 | 14:00 | - | 15:00 | | 52 |
| 26/11/2021 | 15:00 | - | 16:00 | | 58 |
| 2/12/2021 | 9:00 | - | 10:00 | Sunny | 45 |
| 2/12/2021 | 10:00 | - | 11:00 | | 46 |

| Air Monitoring Station | | | | AM3 – Sky Tower | |
|---|---|---|---|---|---|
| Date | Measurement Period | | | Weather | 1-hr Average TSP Concentration, μg/m$^3$ |
| 2/12/2021 | 11:00 | - | 12:00 | | 49 |
| 8/12/2021 | 13:00 | - | 14:00 | Sunny | 53 |
| 8/12/2021 | 14:00 | - | 15:00 | | 53 |
| 8/12/2021 | 15:00 | - | 16:00 | | 56 |
| 14/12/2021 | 9:00 | - | 10:00 | Sunny | 61 |
| 14/12/2021 | 10:00 | - | 11:00 | | 64 |
| 14/12/2021 | 11:00 | - | 12:00 | | 60 |
| 20/12/2021 | 13:00 | - | 14:00 | Cloudy | 21 |
| 20/12/2021 | 14:00 | - | 15:00 | | 23 |
| 20/12/2021 | 15:00 | - | 16:00 | | 24 |
| 24/12/2021 | 13:00 | - | 14:00 | Sunny | 68 |
| 24/12/2021 | 14:00 | - | 15:00 | | 75 |
| 24/12/2021 | 15:00 | - | 16:00 | | 76 |
| 30/12/2021 | 9:00 | - | 10:00 | Sunny | 72 |
| 30/12/2021 | 10:00 | - | 11:00 | | 80 |
| 30/12/2021 | 11:00 | - | 12:00 | | 82 |

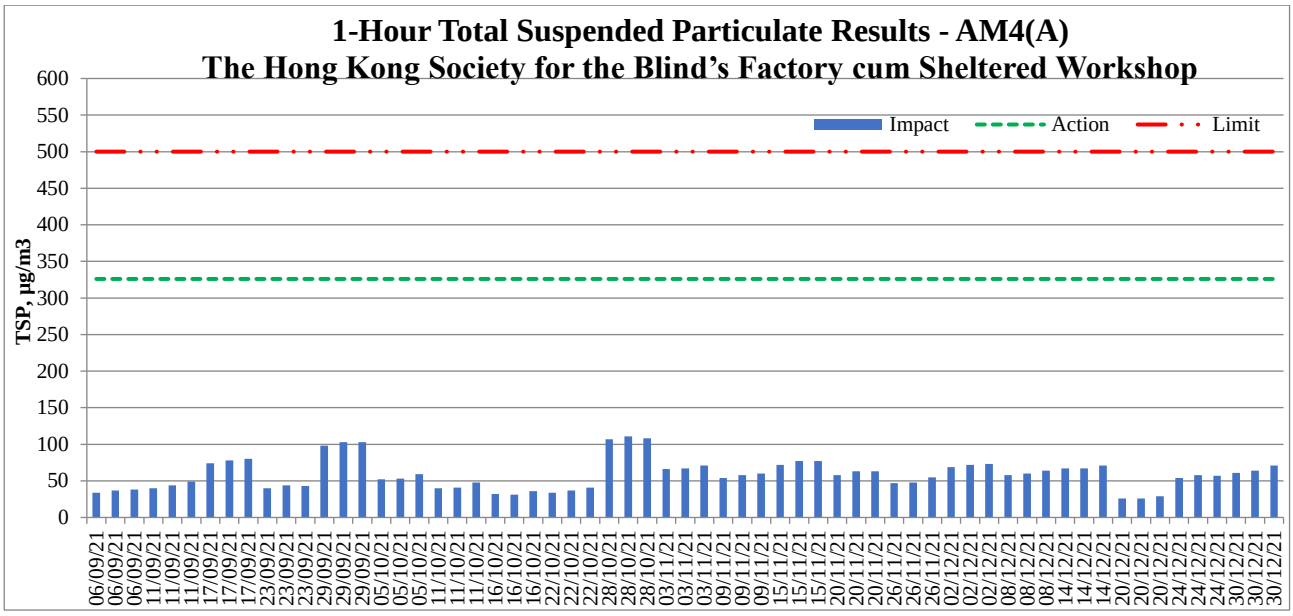



| Major Construction Activities | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| District Cooling System seawater intake box culvert – Construction of cofferdam and box structure | ✓ | ✓ | ✓ | |
| North Approach Ramp – Construction of wall, roof slab, utilities trough | ✓ | ✓ | ✓ | ✓ |
| Bridge D3 – Construction of Abutment, Pier, Bridge Deck | ✓ | ✓ | ✓ | |
| North Depressed Road – Construction of wall & top slab / Sheet pile extraction | ✓ | ✓ | ✓ | |
| Underpass - Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab | ✓ | ✓ | ✓ | |
| South Approach Ramp – Construction of Permanent Structure | ✓ | ✓ | ✓ | ✓ |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works/Dismantle of working platform | | ✓ | ✓ | |
| Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | ✓ | ✓ | | |
| Lift 4 – Water Pipe Diversion | ✓ | ✓ | | |
| South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation to formation level | ✓ | ✓ | ✓ | |
| Rising Main and Water Pipe – ELS works / Laying | ✓ | ✓ | ✓ | |
| Underpass – Construction of walls and roof slab | | | | ✓ |
| Landscaped Deck – Construction of pile caps | ✓ | ✓ | ✓ | |
| Transformer Room – Sheet pile installation/ Pre-drilling works | ✓ | ✓ | | |
| North Depressed Road – Construction of wall & top slab | | | ✓ | |
| Lift 3 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works/ Installation of lift and earthwork | | | ✓ | |
| Lift 4 – Water Pipe Diversion / Construction of Lift Shaft /Construction Wall and Roof Slab | | | ✓ | |
| Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works | | | ✓ | |
| Road D3 Junction –Road works | | | ✓ | ✓ |
| Lift 1 &2 -Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | | | ✓ | |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works | ✓ | | | |
| Bridge D3 – Construction of Bridge Deck and abutments | | | | ✓ |
| North Depressed Road – Construction of wall & top slab | | | | ✓ |
| District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works | | | | ✓ |
| Lift 3 –Construction of linking platform | | | | ✓ |
| Lift 4 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | | | | ✓ |
| South Depressed Road –Installation of ELS system / construction of permanent works | | | | ✓ |
| Rising Main and Water Pipe – Laying of sewage | | | | ✓ |
| Landscaped Deck –Construction of pile caps and installation of columns | | | | ✓ |
| Transformer Room –Installation of ELS system and construction of permanent structure | | | | ✓ |
| Lift 1 &2 -Installation of ELS system | | | | ✓ |

| Factors might affect the monitoring results | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| Non-project related construction activities in the adjacent construction sites were observed. | ✓ | ✓ | ✓ | ✓ |

| Air Monitoring Station | | | | AM4(A) – The Hong Kong Society for the Blind's Factory cum Sheltered Workshop | |
|---|---|---|---|---|---|
| Date | Measurement Period | | | Weather | 1-hr Average TSP Concentration, μg/m³ |
| 6/9/2021 | 9:00 | - | 10:00 | Sunny | 34 |
| 6/9/2021 | 10:00 | - | 11:00 | | 37 |
| 6/9/2021 | 11:00 | - | 12:00 | | 38 |
| 11/9/2021 | 9:00 | - | 10:00 | Sunny | 40 |
| 11/9/2021 | 10:00 | - | 11:00 | | 44 |
| 11/9/2021 | 11:00 | - | 12:00 | | 49 |
| 17/9/2021 | 9:00 | - | 10:00 | Sunny | 74 |
| 17/9/2021 | 10:00 | - | 11:00 | | 78 |
| 17/9/2021 | 11:00 | - | 12:00 | | 80 |
| 23/9/2021 | 13:00 | - | 14:00 | Cloudy | 40 |
| 23/9/2021 | 14:00 | - | 15:00 | | 44 |
| 23/9/2021 | 15:00 | - | 16:00 | | 43 |
| 29/9/2021 | 13:00 | - | 14:00 | Sunny | 98 |
| 29/9/2021 | 14:00 | - | 15:00 | | 103 |
| 29/9/2021 | 15:00 | - | 16:00 | | 103 |
| 5/10/2021 | 9:00 | - | 10:00 | Sunny | 52 |
| 5/10/2021 | 10:00 | - | 11:00 | | 53 |
| 5/10/2021 | 11:00 | - | 12:00 | | 59 |
| 11/10/2021 | 13:00 | - | 14:00 | Sunny | 40 |
| 11/10/2021 | 14:00 | - | 15:00 | | 41 |
| 11/10/2021 | 15:00 | - | 16:00 | | 48 |
| 16/10/2021 | 9:00 | - | 10:00 | Sunny | 32 |
| 16/10/2021 | 10:00 | - | 11:00 | | 31 |
| 16/10/2021 | 11:00 | - | 12:00 | | 36 |
| 22/10/2021 | 9:00 | - | 10:00 | Cloudy | 34 |
| 22/10/2021 | 10:00 | - | 11:00 | | 37 |
| 22/10/2021 | 11:00 | - | 12:00 | | 41 |
| 28/10/2021 | 13:00 | - | 14:00 | Sunny | 107 |
| 28/10/2021 | 14:00 | - | 15:00 | | 111 |
| 28/10/2021 | 15:00 | - | 16:00 | | 108 |
| 3/11/2021 | 9:00 | - | 10:00 | Sunny | 66 |
| 3/11/2021 | 10:00 | - | 11:00 | | 67 |
| 3/11/2021 | 11:00 | - | 12:00 | | 71 |
| 9/11/2021 | 13:00 | - | 14:00 | Sunny | 54 |
| 9/11/2021 | 14:00 | - | 15:00 | | 58 |
| 9/11/2021 | 15:00 | - | 16:00 | | 60 |
| 15/11/2021 | 9:00 | - | 10:00 | Sunny | 72 |
| 15/11/2021 | 10:00 | - | 11:00 | | 77 |
| 15/11/2021 | 11:00 | - | 12:00 | | 77 |
| 20/11/2021 | 9:00 | - | 10:00 | Sunny | 58 |
| 20/11/2021 | 10:00 | - | 11:00 | | 63 |
| 20/11/2021 | 11:00 | - | 12:00 | | 63 |
| 26/11/2021 | 14:25 | - | 15:25 | Sunny | 47 |
| 26/11/2021 | 15:25 | - | 16:25 | | 48 |
| 26/11/2021 | 16:25 | - | 17:25 | | 55 |
| 2/12/2021 | 13:00 | - | 14:00 | Sunny | 69 |
| 2/12/2021 | 14:00 | - | 15:00 | | 72 |
| 2/12/2021 | 15:00 | - | 16:00 | | 73 |
| 8/12/2021 | 9:00 | - | 10:00 | Sunny | 58 |
| 8/12/2021 | 10:00 | - | 11:00 | | 60 |

| Air Monitoring Station | | | | AM4(A) – The Hong Kong Society for the Blind's Factory cum Sheltered Workshop | |
|---|---|---|---|---|---|
| Date | Measurement Period | | | Weather | 1-hr Average TSP Concentration, μg/m$^3$ |
| 8/12/2021 | 11:00 | - | 12:00 | | 64 |
| 14/12/2021 | 9:00 | - | 10:00 | Sunny | 67 |
| 14/12/2021 | 10:00 | - | 11:00 | | 67 |
| 14/12/2021 | 11:00 | - | 12:00 | | 71 |
| 20/12/2021 | 13:00 | - | 14:00 | Cloudy | 26 |
| 20/12/2021 | 14:00 | - | 15:00 | | 26 |
| 20/12/2021 | 15:00 | - | 16:00 | | 29 |
| 24/12/2021 | 13:00 | - | 14:00 | Sunny | 54 |
| 24/12/2021 | 14:00 | - | 15:00 | | 58 |
| 24/12/2021 | 15:00 | - | 16:00 | | 57 |
| 30/12/2021 | 9:00 | - | 10:00 | Sunny | 61 |
| 30/12/2021 | 10:00 | - | 11:00 | | 64 |
| 30/12/2021 | 11:00 | - | 12:00 | | 71 |

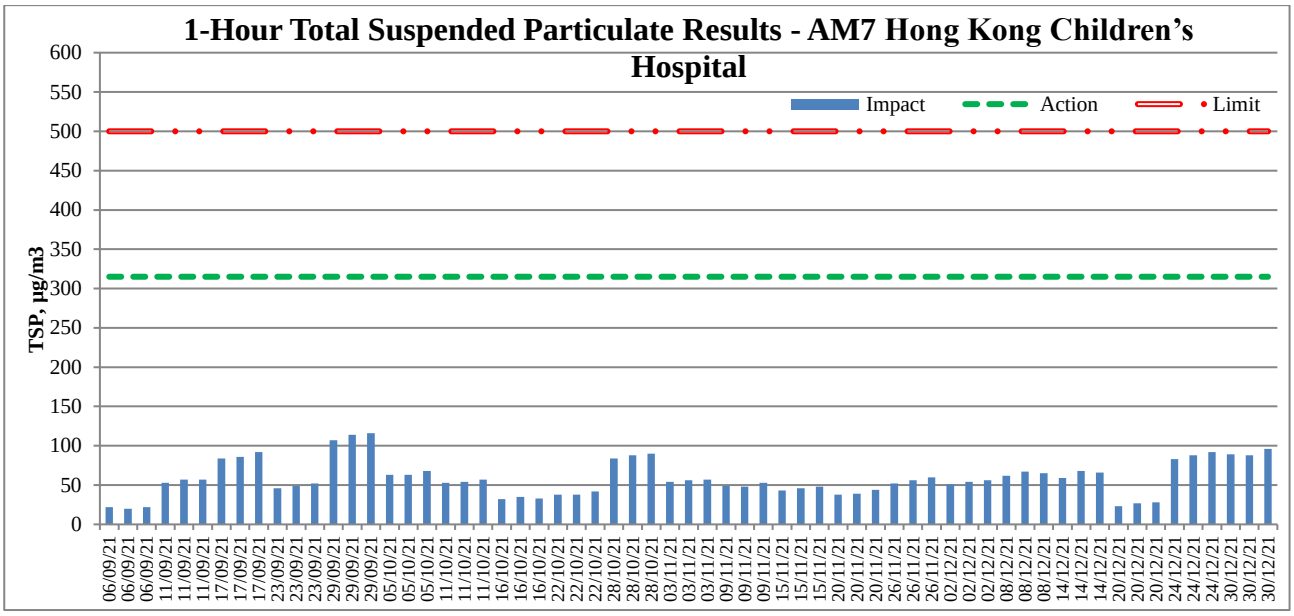



| Major Construction Activities | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| District Cooling System seawater intake box culvert – Construction of cofferdam and box structure | ✓ | ✓ | ✓ | |
| North Approach Ramp – Construction of wall, roof slab, utilities trough | ✓ | ✓ | ✓ | ✓ |
| Bridge D3 – Construction of Abutment, Pier, Bridge Deck | ✓ | ✓ | ✓ | |
| North Depressed Road – Construction of wall & top slab / Sheet pile extraction | ✓ | ✓ | ✓ | |
| Underpass - Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab | ✓ | ✓ | ✓ | |
| South Approach Ramp – Construction of Permanent Structure | ✓ | ✓ | ✓ | ✓ |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works/Dismantle of working platform | | ✓ | ✓ | |
| Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | ✓ | ✓ | | |
| Lift 4 – Water Pipe Diversion | ✓ | ✓ | | |
| South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation to formation level | ✓ | ✓ | ✓ | |
| Rising Main and Water Pipe – ELS works / Laying | ✓ | ✓ | ✓ | |
| Underpass – Construction of walls and roof slab | | | | ✓ |
| Landscaped Deck – Construction of pile caps | ✓ | ✓ | ✓ | |
| Transformer Room – Sheet pile installation/ Pre-drilling works | ✓ | ✓ | | |
| North Depressed Road – Construction of wall & top slab | | | ✓ | |
| Lift 3 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works/ Installation of lift and earthwork | | | ✓ | |
| Lift 4 – Water Pipe Diversion / Construction of Lift Shaft /Construction Wall and Roof Slab | | | ✓ | |
| Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works | | | ✓ | |
| Road D3 Junction –Road works | | | ✓ | ✓ |
| Lift 1 &2 -Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | | | ✓ | |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works | ✓ | | | |
| Bridge D3 – Construction of Bridge Deck and abutments | | | | ✓ |
| North Depressed Road – Construction of wall & top slab | | | | ✓ |
| District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works | | | | ✓ |
| Lift 3 –Construction of linking platform | | | | ✓ |
| Lift 4 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | | | | ✓ |
| South Depressed Road –Installation of ELS system / construction of permanent works | | | | ✓ |
| Rising Main and Water Pipe – Laying of sewage | | | | ✓ |
| Landscaped Deck –Construction of pile caps and installation of columns | | | | ✓ |
| Transformer Room –Installation of ELS system and construction of permanent structure | | | | ✓ |
| Lift 1 &2 -Installation of ELS system | | | | ✓ |

| Factors might affect the monitoring results | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| Non-project related construction activities in the adjacent construction sites were observed. | ✓ | ✓ | ✓ | ✓ |

| Air Monitoring Station | | | | AM7 – Hong Kong Children's Hospital | |
|---|---|---|---|---|---|
| Date | Measurement Period | | | Weather | 1-hr Average TSP Concentration, $\mu g/m^3$ |
| 6/9/2021 | 13:00 | - | 14:00 | Sunny | 22 |
| 6/9/2021 | 14:00 | - | 15:00 | | 20 |
| 6/9/2021 | 15:00 | - | 16:00 | | 22 |
| 11/9/2021 | 13:00 | - | 14:00 | Sunny | 53 |
| 11/9/2021 | 14:00 | - | 15:00 | | 57 |
| 11/9/2021 | 15:00 | - | 16:00 | | 57 |
| 17/9/2021 | 13:00 | - | 14:00 | Sunny | 84 |
| 17/9/2021 | 14:00 | - | 15:00 | | 86 |
| 17/9/2021 | 15:00 | - | 16:00 | | 92 |
| 23/9/2021 | 9:00 | - | 10:00 | Cloudy | 46 |
| 23/9/2021 | 10:00 | - | 11:00 | | 49 |
| 23/9/2021 | 11:00 | - | 12:00 | | 52 |
| 29/9/2021 | 9:00 | - | 10:00 | Sunny | 107 |
| 29/9/2021 | 10:00 | - | 11:00 | | 114 |
| 29/9/2021 | 11:00 | - | 12:00 | | 116 |
| 5/10/2021 | 13:00 | - | 14:00 | Sunny | 63 |
| 5/10/2021 | 14:00 | - | 15:00 | | 63 |
| 5/10/2021 | 15:00 | - | 16:00 | | 68 |
| 11/10/2021 | 9:00 | - | 10:00 | Sunny | 53 |
| 11/10/2021 | 10:00 | - | 11:00 | | 54 |
| 11/10/2021 | 11:00 | - | 12:00 | | 57 |
| 16/10/2021 | 13:00 | - | 14:00 | Sunny | 32 |
| 16/10/2021 | 14:00 | - | 15:00 | | 35 |
| 16/10/2021 | 15:00 | - | 16:00 | | 33 |
| 22/10/2021 | 13:00 | - | 14:00 | Cloudy | 38 |
| 22/10/2021 | 14:00 | - | 15:00 | | 38 |
| 22/10/2021 | 15:00 | - | 16:00 | | 42 |
| 28/10/2021 | 9:00 | - | 10:00 | Sunny | 84 |
| 28/10/2021 | 10:00 | - | 11:00 | | 88 |
| 28/10/2021 | 11:00 | - | 12:00 | | 90 |
| 3/11/2021 | 13:00 | - | 14:00 | Sunny | 54 |
| 3/11/2021 | 14:00 | - | 15:00 | | 56 |
| 3/11/2021 | 15:00 | - | 16:00 | | 57 |
| 9/11/2021 | 9:00 | - | 10:00 | Sunny | 49 |
| 9/11/2021 | 10:00 | - | 11:00 | | 48 |
| 9/11/2021 | 11:00 | - | 12:00 | | 53 |
| 15/11/2021 | 13:00 | - | 14:00 | Sunny | 43 |
| 15/11/2021 | 14:00 | - | 15:00 | | 46 |
| 15/11/2021 | 15:00 | - | 16:00 | | 48 |
| 20/11/2021 | 13:00 | - | 14:00 | Sunny | 38 |
| 20/11/2021 | 14:00 | - | 15:00 | | 39 |
| 20/11/2021 | 15:00 | - | 16:00 | | 44 |
| 26/11/2021 | 9:15 | - | 10:15 | Sunny | 52 |
| 26/11/2021 | 10:15 | - | 11:15 | | 56 |
| 26/11/2021 | 13:00 | - | 14:00 | | 60 |
| 2/12/2021 | 13:00 | - | 14:00 | Sunny | 51 |
| 2/12/2021 | 14:00 | - | 15:00 | | 54 |
| 2/12/2021 | 15:00 | - | 16:00 | | 56 |
| 8/12/2021 | 9:00 | - | 10:00 | Sunny | 62 |
| 8/12/2021 | 10:00 | - | 11:00 | | 67 |
| 8/12/2021 | 11:00 | - | 12:00 | | 65 |

| **Air Monitoring Station** | | | | **AM7 – Hong Kong Children's Hospital** | |
|---|---|---|---|---|---|
| Date | Measurement Period | | | Weather | 1-hr Average TSP Concentration, $\mu g/m^3$ |
| 14/12/2021 | 13:00 | - | 14:00 | Sunny | 59 |
| 14/12/2021 | 14:00 | - | 15:00 | | 68 |
| 14/12/2021 | 15:00 | - | 16:00 | | 66 |
| 20/12/2021 | 9:00 | - | 10:00 | Cloudy | 23 |
| 20/12/2021 | 10:00 | - | 11:00 | | 27 |
| 20/12/2021 | 11:00 | - | 12:00 | | 28 |
| 24/12/2021 | 9:00 | - | 10:00 | Sunny | 83 |
| 24/12/2021 | 10:00 | - | 11:00 | | 88 |
| 24/12/2021 | 11:00 | - | 12:00 | | 92 |
| 30/12/2021 | 13:00 | - | 14:00 | Sunny | 89 |
| 30/12/2021 | 14:00 | - | 15:00 | | 88 |
| 30/12/2021 | 15:00 | - | 16:00 | | 96 |

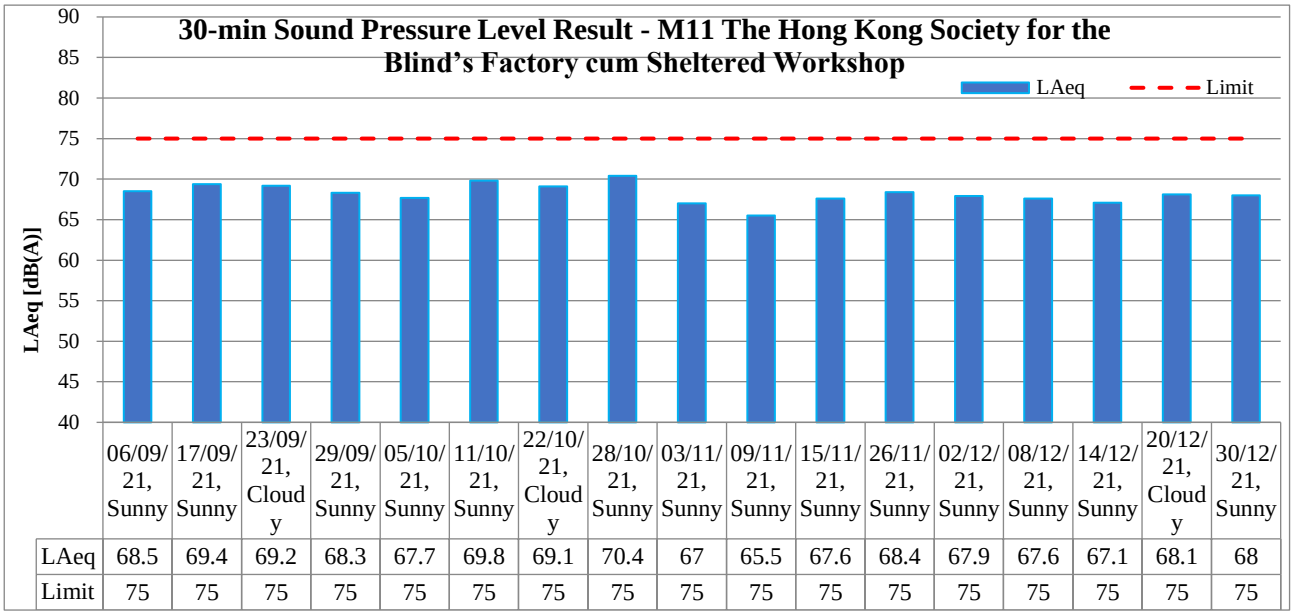



| Major Construction Activities | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| District Cooling System seawater intake box culvert – Construction of cofferdam and box structure | ✓ | ✓ | ✓ | |
| North Approach Ramp – Construction of wall, roof slab, utilities trough | ✓ | ✓ | ✓ | ✓ |
| Bridge D3 – Construction of Abutment, Pier, Bridge Deck | ✓ | ✓ | ✓ | |
| North Depressed Road – Construction of wall & top slab / Sheet pile extraction | ✓ | ✓ | ✓ | |
| Underpass - Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab | ✓ | ✓ | ✓ | |
| South Approach Ramp – Construction of Permanent Structure | ✓ | ✓ | ✓ | ✓ |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works/Dismantle of working platform | | ✓ | ✓ | |
| Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | ✓ | ✓ | | |
| Lift 4 – Water Pipe Diversion | ✓ | ✓ | | |
| South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation to formation level | ✓ | ✓ | ✓ | |
| Rising Main and Water Pipe – ELS works / Laying | ✓ | ✓ | ✓ | |
| Underpass – Construction of walls and roof slab | | | | ✓ |
| Landscaped Deck – Construction of pile caps | ✓ | ✓ | ✓ | |
| Transformer Room – Sheet pile installation/ Pre-drilling works | ✓ | ✓ | | |
| North Depressed Road – Construction of wall & top slab | | | ✓ | |
| Lift 3 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works/ Installation of lift and earthwork | | | ✓ | |
| Lift 4 – Water Pipe Diversion / Construction of Lift Shaft /Construction Wall and Roof Slab | | | ✓ | |
| Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works | | | ✓ | |
| Road D3 Junction –Road works | | | ✓ | ✓ |
| Lift 1 &2 -Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | | | ✓ | |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works | ✓ | | | |
| Bridge D3 – Construction of Bridge Deck and abutments | | | | ✓ |
| North Depressed Road – Construction of wall & top slab | | | | ✓ |
| District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works | | | | ✓ |
| Lift 3 –Construction of linking platform | | | | ✓ |
| Lift 4 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | | | | ✓ |
| South Depressed Road –Installation of ELS system / construction of permanent works | | | | ✓ |
| Rising Main and Water Pipe – Laying of sewage | | | | ✓ |
| Landscaped Deck –Construction of pile caps and installation of columns | | | | ✓ |
| Transformer Room –Installation of ELS system and construction of permanent structure | | | | ✓ |
| Lift 1 &2 -Installation of ELS system | | | | ✓ |

| Factors might affect the monitoring results | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| Non-project related construction activities in the adjacent construction sites were observed. | ✓ | ✓ | ✓ | ✓ |

**30-minute Noise**

| Noise Monitoring Station | | | | M11 - The Hong Kong Society for the Blind's Factory cum Sheltered Workshop | | | |
|---|---|---|---|---|---|---|---|
| Date | Measurement Period | | | Weather | $L_{Aeq}$, dB(A) | $L_{A10}$, dB(A) | $L_{A90}$, dB(A) |
| 06/09/2021 | 10:52 | - | 11:22 | Sunny | 68.5 | 71.4 | 60.8 |
| 17/09/2021 | 10:47 | - | 11:17 | Sunny | 69.4 | 72.2 | 63.0 |
| 23/09/2021 | 13:49 | - | 14:19 | Cloudy | 69.2 | 71.6 | 61.4 |
| 29/09/2021 | 14:05 | - | 14:35 | Sunny | 68.3 | 71.5 | 62.7 |
| 05/10/2021 | 10:12 | - | 10:42 | Sunny | 67.7 | 70.2 | 61.6 |
| 11/10/2021 | 15:11 | - | 15:41 | Sunny | 69.8 | 72.5 | 63.2 |
| 22/10/2021 | 9:56 | - | 10:26 | Cloudy | 69.1 | 71.4 | 65.1 |
| 28/10/2021 | 13:18 | - | 13:48 | Sunny | 70.4 | 74.3 | 59.2 |
| 03/11/2021 | 11:12 | - | 11:42 | Sunny | 67.0 | 69.9 | 60.2 |
| 09/11/2021 | 13:31 | - | 14:01 | Sunny | 65.5 | 67.3 | 59.2 |
| 15/11/2021 | 10:45 | - | 11:15 | Sunny | 67.6 | 70.3 | 61.0 |
| 26/11/2021 | 14:54 | - | 15:24 | Sunny | 68.4 | 71.4 | 63.5 |
| 02/12/2021 | 14:12 | - | 14:42 | Sunny | 67.9 | 70.7 | 61.9 |
| 08/12/2021 | 10:30 | - | 11:00 | Sunny | 67.6 | 70.4 | 62.4 |
| 14/12/2021 | 10:05 | - | 10:35 | Sunny | 67.1 | 70.4 | 60.5 |
| 20/12/2021 | 14:25 | - | 14:55 | Cloudy | 68.1 | 70.7 | 63.1 |
| 30/12/2021 | 9:27 | - | 9:57 | Sunny | 68.0 | 71.1 | 62.5 |

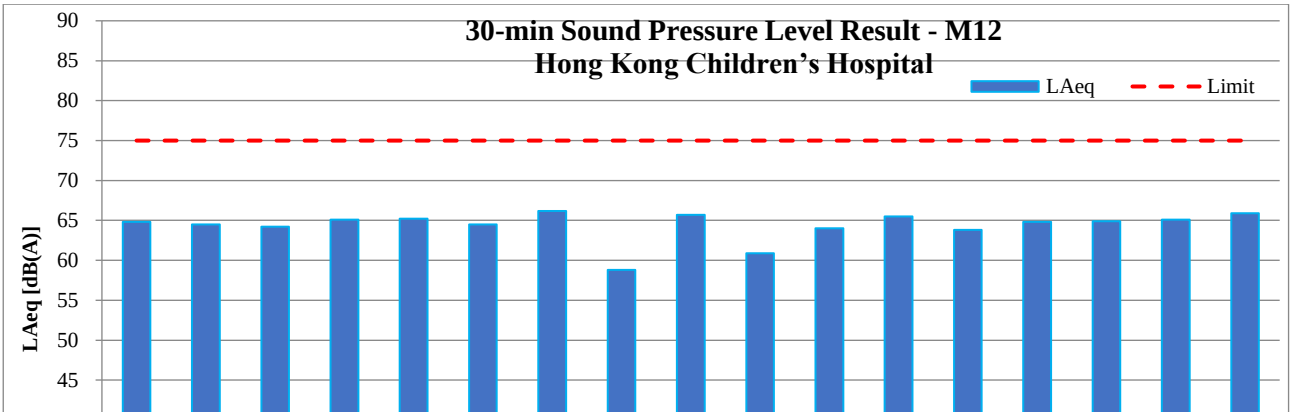



| | 06/09/21, Sunny | 17/09/21, Sunny | 23/09/21, Cloudy | 29/09/21, Sunny | 05/10/21, Sunny | 11/10/21, Sunny | 22/10/21, Cloudy | 28/10/21, Sunny | 03/11/21, Sunny | 09/11/21, Sunny | 15/11/21, Sunny | 26/11/21, Sunny | 02/12/21, Sunny | 08/12/21, Sunny | 14/12/21, Sunny | 20/12/21, Cloudy | 30/12/21, Sunny |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAeq | 68.5 | 69.4 | 69.2 | 68.3 | 67.7 | 69.8 | 69.1 | 70.4 | 67 | 65.5 | 67.6 | 68.4 | 67.9 | 67.6 | 67.1 | 68.1 | 68 |
| Limit | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |

| Major Construction Activities | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| District Cooling System seawater intake box culvert – Construction of cofferdam and box structure | ✓ | ✓ | ✓ | |
| North Approach Ramp – Construction of wall, roof slab, utilities trough | ✓ | ✓ | ✓ | ✓ |
| Bridge D3 – Construction of Abutment, Pier, Bridge Deck | ✓ | ✓ | ✓ | |
| North Depressed Road – Construction of wall & top slab / Sheet pile extraction | ✓ | ✓ | ✓ | |
| Underpass - Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab | ✓ | ✓ | ✓ | |
| South Approach Ramp – Construction of Permanent Structure | ✓ | ✓ | ✓ | ✓ |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works/Dismantle of working platform | | ✓ | ✓ | |
| Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | ✓ | ✓ | | |
| Lift 4 – Water Pipe Diversion | ✓ | ✓ | | |
| South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation to formation level | ✓ | ✓ | ✓ | |
| Rising Main and Water Pipe – ELS works / Laying | ✓ | ✓ | ✓ | |
| Underpass – Construction of walls and roof slab | | | | ✓ |
| Landscaped Deck – Construction of pile caps | ✓ | ✓ | ✓ | |
| Transformer Room – Sheet pile installation/ Pre-drilling works | ✓ | ✓ | | |
| North Depressed Road – Construction of wall & top slab | | | ✓ | |
| Lift 3 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works/ Installation of lift and earthwork | | | ✓ | |
| Lift 4 – Water Pipe Diversion / Construction of Lift Shaft /Construction Wall and Roof Slab | | | ✓ | |
| Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works | | | ✓ | |
| Road D3 Junction –Road works | | | ✓ | ✓ |
| Lift 1 &2 -Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | | | ✓ | |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works | ✓ | | | |
| Bridge D3 – Construction of Bridge Deck and abutments | | | | ✓ |
| North Depressed Road – Construction of wall & top slab | | | | ✓ |
| District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works | | | | ✓ |
| Lift 3 –Construction of linking platform | | | | ✓ |
| Lift 4 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | | | | ✓ |
| South Depressed Road –Installation of ELS system / construction of permanent works | | | | ✓ |
| Rising Main and Water Pipe – Laying of sewage | | | | ✓ |
| Landscaped Deck –Construction of pile caps and installation of columns | | | | ✓ |
| Transformer Room –Installation of ELS system and construction of permanent structure | | | | ✓ |
| Lift 1 &2 -Installation of ELS system | | | | ✓ |

| Factors might affect the monitoring results | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| Non-project related construction activities in the adjacent construction sites were observed. | ✓ | ✓ | ✓ | ✓ |

| Noise Monitoring Station | | | | M12 - Hong Kong Children's Hospital | | | |
|---|---|---|---|---|---|---|---|
| Date | Measurement Period | | | Weather | $L_{Aeq,}$ dB(A) | $L_{A10,}$ dB(A) | $L_{A90,}$ dB(A) |
| 06/09/2021 | 14:40 | - | 15:10 | Sunny | 64.8 | 66.6 | 61.7 |
| 17/09/2021 | 14:05 | - | 14:35 | Sunny | 64.5 | 66.1 | 62.0 |
| 23/09/2021 | 9:25 | - | 9:55 | Cloudy | 64.2 | 66.8 | 61.5 |
| 29/09/2021 | 10:38 | - | 11:08 | Sunny | 65.1 | 67.4 | 62.1 |
| 05/10/2021 | 13:57 | - | 14:27 | Sunny | 65.2 | 67.0 | 62.8 |
| 11/10/2021 | 10:06 | - | 10:36 | Sunny | 64.5 | 66.1 | 62.0 |
| 22/10/2021 | 13:36 | - | 14:06 | Cloudy | 66.2 | 68.2 | 63.8 |
| 28/10/2021 | 11:16 | - | 11:46 | Sunny | 58.8 | 61.0 | 54.6 |
| 03/11/2021 | 14:28 | - | 14:58 | Sunny | 65.7 | 67.6 | 63.3 |
| 09/11/2021 | 11:08 | - | 11:38 | Sunny | 60.9 | 62.9 | 58.6 |
| 15/11/2021 | 14:22 | - | 14:52 | Sunny | 64.0 | 65.8 | 61.7 |
| 26/11/2021 | 9:57 | - | 10:27 | Sunny | 65.5 | 67.2 | 63.1 |
| 02/12/2021 | 13:49 | - | 14:19 | Sunny | 63.8 | 65.4 | 62.1 |
| 08/12/2021 | 11:02 | - | 11:32 | Sunny | 64.8 | 67.0 | 61.9 |
| 14/12/2021 | 14:17 | - | 14:47 | Sunny | 64.9 | 66.6 | 62.4 |
| 20/12/2021 | 10:54 | - | 11:24 | Cloudy | 65.1 | 67.2 | 62.3 |
| 30/12/2021 | 13:22 | - | 13:52 | Sunny | 65.9 | 68.1 | 62.9 |




| | 06/09/21, Sunny | 17/09/21, Sunny | 23/09/21, Cloudy | 29/09/21, Sunny | 05/10/21, Sunny | 11/10/21, Sunny | 22/10/21, Cloudy | 28/10/21, Sunny | 03/11/21, Sunny | 09/11/21, Sunny | 15/11/21, Sunny | 26/11/21, Sunny | 02/12/21, Sunny | 08/12/21, Sunny | 14/12/21, Sunny | 20/12/21, Cloudy | 30/12/21, Sunny |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAeq | 64.8 | 64.5 | 64.2 | 65.1 | 65.2 | 64.5 | 66.2 | 58.8 | 65.7 | 60.9 | 64 | 65.5 | 63.8 | 64.8 | 64.9 | 65.1 | 65.9 |
| Limit | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |

| Major Construction Activities | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| District Cooling System seawater intake box culvert – Construction of cofferdam and box structure | ✓ | ✓ | ✓ | |
| North Approach Ramp – Construction of wall, roof slab, utilities trough | ✓ | ✓ | ✓ | ✓ |
| Bridge D3 – Construction of Abutment, Pier, Bridge Deck | ✓ | ✓ | ✓ | |
| North Depressed Road – Construction of wall & top slab / Sheet pile extraction | ✓ | ✓ | ✓ | |
| Underpass - Dismantle waling & strut and excavation at formation level / Construction of base slab, wall and roof slab | ✓ | ✓ | ✓ | |
| South Approach Ramp – Construction of Permanent Structure | ✓ | ✓ | ✓ | ✓ |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works/Dismantle of working platform | | ✓ | ✓ | |
| Lift 3 – Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | ✓ | ✓ | | |
| Lift 4 – Water Pipe Diversion | ✓ | ✓ | | |
| South Depressed Road – Installation of sheet pile / wailing & strut for the cofferdam / excavation to formation level | ✓ | ✓ | ✓ | |
| Rising Main and Water Pipe – ELS works / Laying | ✓ | ✓ | ✓ | |
| Underpass – Construction of walls and roof slab | | | | ✓ |
| Landscaped Deck – Construction of pile caps | ✓ | ✓ | ✓ | |
| Transformer Room – Sheet pile installation/ Pre-drilling works | ✓ | ✓ | | |
| North Depressed Road – Construction of wall & top slab | | | ✓ | |
| Lift 3 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel / Road and drainage works/ Installation of lift and earthwork | | | ✓ | |
| Lift 4 – Water Pipe Diversion / Construction of Lift Shaft /Construction Wall and Roof Slab | | | ✓ | |
| Transformer Room – Sheet pile installation / Installation of wailing & strut for the cofferdam / Pre-drilling works | | | ✓ | |
| Road D3 Junction –Road works | | | ✓ | ✓ |
| Lift 1 &2 -Sheet pile installation/ Installation of waling of street for cofferdam / Footing construction | | | ✓ | |
| Noise barrier - Erection of steel frame and PMMA panel/ road and drainage works | ✓ | | | |
| Bridge D3 – Construction of Bridge Deck and abutments | | | | ✓ |
| North Depressed Road – Construction of wall & top slab | | | | ✓ |
| District Cooling System seawater intake box culvert – Installation of precast units and backfilling works, reinstatement of the seawall and backfilling works | | | | ✓ |
| Lift 3 –Construction of linking platform | | | | ✓ |
| Lift 4 –Construction of Wall and Roof Slab / Installation of Steelworks and Glass Panel | | | | ✓ |
| South Depressed Road –Installation of ELS system / construction of permanent works | | | | ✓ |
| Rising Main and Water Pipe – Laying of sewage | | | | ✓ |
| Landscaped Deck –Construction of pile caps and installation of columns | | | | ✓ |
| Transformer Room –Installation of ELS system and construction of permanent structure | | | | ✓ |
| Lift 1 &2 -Installation of ELS system | | | | ✓ |

| Factors might affect the monitoring results | Reporting Period | | | |
|---|---|---|---|---|
| | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
| Non-project related construction activities in the adjacent construction sites were observed. | ✓ | ✓ | ✓ | ✓ |

# Appendix E – Event and Action Plans for Construction Dust Monitoring, Construction Noise and Landscape and Visual Impact

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

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

| Event and Action Plans for Construction Noise | | | | |
|---|---|---|---|---|
| **Event** | **Action** | | | |
| | **ET** | **IEC** | **Supervisor / ER** | **Contractor** |
| Action Level being exceeded | 1. Notify Supervisor / ER, IEC and Contractor;<br>2. Carry out investigation;<br>3. Report the results of investigation to the IEC, Supervisor / ER and Contractor;<br>4. Discuss with the IEC and Contractor on remedial measures required;<br>5. Increase monitoring frequency to check mitigation effectiveness.<br>(The above actions should be taken within 2 working days after the exceedance is identified.) | 1. Review the investigation results submitted by the ET;<br>2. Review the proposed remedial measures submitted by the Contractor and advise the ER accordingly;<br>3. Advise the Supervisor / ER on the proposed remedial measures.<br>(The above actions should be taken within 2 working days after the exceedance is identified.) | 1. Confirm receipt of notification of failure in writing;<br>2. Notify Contractor;<br>3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;<br>4. Supervise the implementation of remedial measures.<br>(The above actions should be taken within 2 working days after the exceedance is identified.) | 1. Submit noise mitigation proposal to IEC and Supervisor / ER;<br>2. Implement noise mitigation proposals.<br>(The above actions should be taken within 2 working days after the exceedance is identified.) |
| Limit Level being exceeded | 1. Inform IEC, Supervisor /ER, Contractor and EPD;<br>2. Repeat measurement to confirm findings;<br>3. Increase monitoring frequency;<br>4. Identify source and investigate the cause of exceedance;<br>5. Carry out analysis of Contract's working procedure;<br>6. Discuss remedial measures required with the IEC, Contractor and Supervisor /ER; | 1. Discuss the potential remedial actions with Supervisor /ER, ET and Contractor;<br>2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the Supervisor /ER accordingly.<br>(The above actions should be taken within 2 working days after the exceedance is identified.) | 1. Confirm receipt of notification of failure in writing;<br>2. Notify Contractor;<br>3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;<br>4. Supervise the implementation of remedial measures;<br>5. If exceedance continues, consider stopping the Contractor to continue working on that portion of | 1. Take immediate action to avoid further exceedance;<br>2. Submit proposals for remedial actions to IEC and Supervisor /ER within 3 working days of notification;<br>3. Implement the agreed proposal;<br>4. Submit further proposal if problem still not under control;<br>5. Stop the relevant portion of works as instructed by the Supervisor /ER until the exceedance is abated. |

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

| Event and Action Plans for Landscape and Visual Impact | | | | |
|---|---|---|---|---|
| **Event** | **Action** | | | |
| | **ET** | **IEC** | **Supervisor / ER** | **Contractor** |
| Design Check | 1. Check final design conforms to the requirements of EP and prepare report. | 1. Check report.<br>2. Recommend remedial design if necessary. | 1. Undertake remedial design if necessary. | |
| Non-conformity on one occasion | 1. Identify Source.<br>2. Inform IEC and Supervisor /ER.<br>3. Discuss remedial actions with IEC, Supervisor /ER and Contractor.<br>4. Monitor remedial actions until rectification has been completed. | 1. Check report.<br>2. Check Contractor's working method.<br>3. Discuss with ET and Contractor on possible remedial measures.<br>4. Advise Supervisor /ER on effectiveness of proposed remedial measures.<br>5. Check implementation of remedial measures. | 1. Notify Contractor.<br>2. Ensure remedial measures are properly implemented. | 1. Amend working methods.<br>2. Rectify damage and undertake any necessary replacement. |
| Repeated Non-conformity | 1. Identify Source.<br>2. Inform IEC and Supervisor /ER.<br>3. Increase monitoring frequency.<br>4. Discuss remedial actions with IEC, Supervisor /ER and Contractor.<br>5. Monitor remedial actions until rectification has been completed.<br>6. If non-conformity stops, cease additional monitoring. | 1. Check monitoring report.<br>2. Check Contractor's working method.<br>3. Discuss with ET and Contractor on possible remedial measures.<br>4. Advise Supervisor /ER on effectiveness of proposed remedial measures.<br>5. Supervise implementation of remedial measures. | 1. Notify Contractor.<br>2. Ensure remedial measures are properly implemented. | 1. Amend working methods.<br>2. Rectify damage and undertake any necessary replacement. |

# Appendix F – Waste Flow Table

# Appendix F - Monthly Summary Waste Flow Table

Name of Department: CEDD

Contract No.: ED/2018/01

**Monthly Summary Waste Flow Table for December 2021**

| Month | Actual Quantities of Inert C&D Materials Generated Monthly | | | | | | Actual Quantities of C&D Wastes Generated Monthly | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Quantity Generated | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper / cardboard packaging | Plastics (see Note 3) | Chemical Waste | Others, e.g. general refuse |
| | (in '000m$^3$) | (in '000m$^3$) | (in '000m$^3$) | (in '000m$^3$) | (in '000m$^3$) | (in '000m$^3$) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m$^3$) |
| Jan | 9.107 | 0.177 | -- | 7.885 | 1.045 | -- | -- | -- | -- | -- | 0.091 |
| Feb | 5.637 | 0.127 | 1.660 | 2.261 | 1.589 | -- | -- | -- | -- | -- | 0.106 |
| Mar | 4.780 | -- | 2.580 | -- | 1.530 | 0.670 | -- | -- | -- | -- | 0.101 |
| Apr | 4.320 | -- | 1.350 | -- | 2.970 | -- | -- | -- | -- | -- | 0.120 |
| May | 12.813 | -- | 1.225 | 9.693 | 1.895 | -- | -- | -- | -- | -- | 0.138 |
| Jun | 10.791 | -- | 0.680 | 9.411 | 0.700 | -- | -- | -- | -- | -- | 0.140 |
| Sub-total | 47.448 | 0.304 | 7.495 | 29.25 | 9.729 | 0.670 | -- | -- | -- | -- | 0.696 |
| July | 0.474 | -- | -- | 0.255 | 0.219 | -- | -- | -- | -- | -- | 0.119 |
| Aug | 1.81 | -- | -- | 0.435 | 1.375 | -- | -- | 0.107 | -- | -- | 0.174 |
| Sep | 9.707 | 1.673 | 2.573 | 4.702 | 0.431 | 0.328 | 0.002 | 0.050 | 0.005 | -- | 0.128 |
| Oct | 3.441 | -- | 0.380 | 2.150 | 0.911 | -- | -- | -- | 3.680 | -- | 0.169 |
| Nov | 3.390 | -- | -- | 2.831 | 0.559 | -- | 0.002 | 0.041 | 0.007 | -- | 0.196 |
| Dec | 4.803 | -- | 0.866 | 3.442 | 0.285 | 0.210 | -- | -- | -- | -- | 0.168 |
| Total | 71.073 | 1.977 | 11.314 | 43.065 | 13.509 | 1.208 | 0.004 | 0.198 | 3.692 | -- | 1.65 |

**Forecast of Total Quantities of C&D Materials to be Generated from the Contract***

| Total Quantity Generated | Hard Rock and Large Broken Concrete | Reused in the Contract | Reused in other Projects | Disposed as Public Fill | Imported Fill | Metals | Paper / cardboard packaging | Plastics (see Note 3) | Chemical Waste | Others, e.g. general refuse |
|---|---|---|---|---|---|---|---|---|---|---|
| (in '000m$^3$) | (in '000m$^3$) | (in '000m$^3$) | (in '000m$^3$) | (in '000m$^3$) | (in '000m$^3$) | (in '000 kg) | (in '000kg) | (in '000kg) | (in '000kg) | (in '000m$^3$) |
| **195.01** | **2.103** | **10.2** | **140** | **19.81** | **25** | **200** | **0.8** | **0.1** | **--** | **3.4** |

Notes:
(1) The performance targets are given in **ER Appendix 8I Clause 14** and the EM&A Manual
(2) The waste flow table shall also include C&D materials to be imported for use at the Site
(3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material and water barrier
(4) The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m$^3$ (**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 m$^3$/ton and 1.5 m$^3$/ton

# Appendix G – Environmental Mitigation Implementation Schedule (EMIS)

| Implementation Schedule for Air Quality Measures | | | |
|---|---|---|---|
| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| S3.2 | | 8 times daily watering of the work site with active dust emitting activities. | ^ |
| S3.2 | S4.8 | Implementation of dust suppression measures stipulated in Air Pollution Control (Construction Dust) Regulation. The following mitigation measures, good site practices and a comprehensive dust monitoring and audit programme are recommended to minimize cumulative dust impacts. | ^ |
| | | - Stockpiling site(s) should be lined with impermeable sheeting and bunded. Stockpiles should be fully covered by impermeable sheeting to reduce dust emission. | ^ |
| | | - Misting for the dusty material should be carried out before being loaded into the vehicle. | ^ |
| | | - Any vehicle with an open load carrying area should have properly fitted side and tail boards. | ^ |
| | | - Material having the potential to create dust should not be loaded from a level higher than the side and tail boards and should be dampened and covered by a clean tarpaulin. | ^ |
| | | - The tarpaulin should be properly secured and should extent at least 300 mm over the edges of the sides and tailboards. The material should also be dampened if necessary, before transportation. | ^ |
| | | - The vehicles should be restricted to maximum speed of 10 km per hour and confined haulage and delivery vehicle to designated roadways insider the site. On- site unpaved roads should be compacted and kept free of lose materials. | ^ |
| | | - Vehicle washing facilities should be provided at every vehicle exit point. | ^ |
| | | - The area where vehicle washing takes place and the section of the road between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores. | ^ |
| | | - 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. | ^ |

| Implementation Schedule for Noise Measures | | | |
|---|---|---|---|
| **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 barrier 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 Examination Period | ^ |

| Implementation Schedule for 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><br>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 | ^ |

| Implementation Schedule for Water Quality Measures | | | |
|---|---|---|---|
| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| | | and overflow. | |
| | 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 | ^ |

| Implementation Schedule for Water Quality Measures | | | |
|---|---|---|---|
| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| | | always be prevented in order not to unduly overload the foul sewerage system. | |
| | S5.8 | - Good site practices should be adopted to remove rubbish and litter from construction sites so as to prevent the rubbish and litter from spreading from the site area. It is recommended to clean the construction sites on a regular basis. | ^ |
| S3.4 | | Construction site should be provided with adequately designed perimeter channel and pre-treatment facilities and proper maintenance. The boundaries of critical areas of earthworks should be marked and surrounded by dykes or embankments for flood protection. Temporary ditches should be provided to facilitate runoff discharge into the appropriate watercourses, via a silt retention pond. Permanent drainage channels should incorporate sediment basins or traps and baffles to enhance deposition rates. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94. | ^ |
| S3.4 | S5.8 | Ideally, construction works should be programmed to minimise surface excavation works during the rainy season (April to September). All exposed earth areas should be completed as soon as possible after earthworks have been completed, or alternatively, within 14 days of the cessation of earthworks where practicable.<br>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.<br>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 | ^ |

| Implementation Schedule for Water Quality Measures | | | |
|---|---|---|---|
| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| | | flexible and able to handle multiple inputs from a variety of sources 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 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. | NA |
| S3.4 | S5.8 | <u>Wheel Washing Water</u><br>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 | | <u>Drainage</u><br>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. | ^ |

| Implementation Schedule for Water Quality Measures | | | |
|---|---|---|---|
| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| S3.4 | | All temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge should be adequately designed for the controlled release of storm flows. All sediment control measures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly following rain storms. The temporarily diverted drainage should be reinstated to its original condition when the construction work has finished or the temporary diversion is no longer required. | ^ |
| 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 | <u>Sewage Effluent</u><br>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.<br>Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the surrounding environment. Regular environmental audit of the construction site will provide an effective control of any malpractices and can encourage continual improvement of environmental performance on site. It is anticipated that sewage generation during the construction phase of the project would not cause water pollution problem after undertaking all required measures. | ^ |
| S3.4 | | <u>Stormwater Discharges</u><br>Minimum distances of 100 m should be maintained between the existing or planned stormwater discharges and the existing or planned seawater intakes | ^ |
| S3.4 | | <u>Debris and Litter</u><br>In order to maintain water quality in acceptable conditions with regard to aesthetic quality, contractors should be required, under | ^ |

| Implementation Schedule for Water Quality Measures | | | |
|---|---|---|---|
| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| | | conditions of contract, to ensure that site management is optimised and that disposal of any solid materials, litter or wastes to marine waters does not occur. | |
| | S5.8 | Boring and Drilling Water<br>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<br>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<br>foul sewers. | NA |
| | S5.8 | Effluent Discharge<br>There is a need to apply to EPD for a discharge licence for discharge of effluent from the construction site under the WPCO. The discharge quality must meet the requirements specified in the discharge licence. All the runoff and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the TM-DSS. Minimum distance of 100 m should be maintained between the discharge points of construction site effluent and the existing seawater intakes and the planned WSR mentioned in S5.3.1 as appropriate. The beneficial uses of the treated effluent for other on-site activities such as dust suppression, wheel washing and general cleaning etc., can minimise water consumption and reduce the effluent discharge volume. If monitoring of the treated effluent quality from the works areas is required during the construction phase of the Project, the monitoring should be carried out in accordance with the relevant WPCO licence which is under the ambit of regional office (RO) of EPD. | ^ |
| | S5.8 | Accidental Spillage<br>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. | ^ |

| Implementation Schedule for Water Quality Measures | | | |
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| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| | | Any service shop and maintenance facilities should be located on 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:<br>- 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. | ^ |

| Implementation Schedule for Waste Management Measures | | | |
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| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| S3.5 | | <u>Good Site Practices</u><br>It is not anticipated that adverse waste management related impacts would arise, provided that good site practices are adhered to. Recommendations for good site practices during construction activities include: | |
| S3.5 | | - Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site. | ^ |
| | S6.7 | - Prepare a Waste Management Plan, which becomes a part of the Environmental Management Plan, in accordance with the requirements stipulated in ETWB TC(W) No. 19/2005, approved by the Engineer/Supervising Officer of the Project based on current practices on construction sites. | ^ |

| Implementation Schedule for Waste Management Measures | | | |
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| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| S3.5 | S6.7 | - Training of site personnel in proper waste management and chemical waste handling procedures. | ^ |
| 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 | | <u>Waste Reduction Measures</u><br>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 recover recyclable portions such as metals. | NA |
| 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 | | <u>Construction and Demolition Materials</u><br>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: | |

| 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 | | - Where it is unavoidable to have transient stockpiles of C&D material within the Project work site pending collection for 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. | ^ |

| Implementation Schedule for Waste Management Measures | | | |
|---|---|---|---|
| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| | S6.7 | - Plan and stock construction materials carefully to minimize amount of waste generated and avoid unnecessary generation of waste. | ^ |
| S3.5 | | Chemical Waste<br>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<br>General refuse should be stored in enclosed bins or compaction units separate from C&D material. A licensed waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. Effective collection and storage methods (including enclosed and covered area) of site wastes would be required to prevent waste materials from being blown around by wind, wastewater discharge by flushing or leaching into the marine environment, or creating odour nuisance or pest and vermin problem. | ^ |

| Implementation Schedule for Landscape and Visual Measures | | | |
|---|---|---|---|
| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| S3.8.12 | | All existing trees should be carefully protected during construction | ^ |
| S3.8.12 | | Trees unavoidably affected by the works should be transplanted 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 |
| S3.8.12 | | Control of night-time lighting. | ^ |
| S3.8.12 | | Erection of decorative screen hoarding. | ^ |
| | S7.9 | Construction Site Control<br>- 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 Measures | | | |
|---|---|---|---|
| **EIA for KTD Development Ref.** | **EIA for KTD – Roads D3A & D4A Ref.** | **Environmental Protection Measures / Mitigation Measures** | **Status** |
| | | lights. | |
| | | - CM3 - Erection of decorative mesh screens or construction 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 along the temporary access roads to the Cruise Terminal until such time as road D3 is open. | NA |

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

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

**Reporting Period: October 2021 to December 2021**

| 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 period**

| Contract No. | Record of Complaint | Record of Warning | Notification of Summons and Successful Prosecutions |
|---|---|---|---|
| ED/2018/01 | 3 | 0 | 0 |

| **Complaint Log for ED/2018/01** | | | | |
|---|---|---|---|---|
| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Recommendations / Actions | Close-Out Date / Status |
| C0001 | A dust complaint was referred from the Contractor on 21 October 2020 regarding a pubic complaint via 1823 hotline (Case no. 3-6518939602) on 20 October 2020. | 1. The water spraying system was not operated in proper time.<br>2. Stockpile was not covered properly.<br>3. Haul road was not wetted.<br>4. Materials transported on trucks were not provided with mechanical covers. | <u>Investigation</u><br>1. Based on the information provided by the Contractor on 22 October 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.<br>2. Based on the monitoring results on 16 October 2020, the 1-hour and 24-hour TSP results were below the Action Levels and Limit Levels.<br>3. Regular site inspection was conducted by ET on 22 October 2020, no adverse observation against the dust impact was recorded.<br><br><u>Recommendations</u><br>To minimize the impact for air quality, mitigation measures should be enhanced specially in dry seasons are recommended:<br>1. Increase the frequency and duration for automatic water spraying system.<br>2. Main haul road and the area that water sprinklers system was not covered in the construction site should be wetted by water trucks or manually in regular basis.<br>3. Ensure stockpiling sites should be lined with impermeable sheeting and bunded. Stockpiles should be fully covered by impermeable sheeting at all time except | - Closed-out on 5 Nov 2020<br>- No further complaint was received. |

| **Complaint Log for ED/2018/01** | | | | |
|---|---|---|---|---|
| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Recommendations / Actions | Close-Out Date / Status |
| | | | during working process.<br><br><u>Action taken</u><br>As per the Contractor, the water sprinklers 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. | |
| C0002 | A dust complaint was referred from the Contractor on 8 September 2021 through E-Mail regarding a complaint received by EPD (EPD ref.: K19/RE/00021205-21) on 7 September 2021. | Complaint of dust problem at the pavement of Muk Tai Street near Sports Park. | <u>Investigation</u><br>As per contractor, part of the complaint area was within the site boundary of the project.<br>- Manual water spraying was provided.<br>- The exposed surface and stockpile areas were covered by the impermeable tarpaulin sheet.<br><br><u>Recommendations</u><br>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:<br>1. Ensure stockpiling sites should be lined with impermeable sheeting and bunded.<br>2. Stockpiles should be fully covered by impermeable sheeting at all time except during working process.<br>3. Ensure the work fulfill the relevant statutory requirements on control of air pollution.<br>4. Take necessary measures to minimize the environmental nuisance arising from the | - Closed-out on 4 Oct 2021<br>- No further complaint was received. |

| **Complaint Log for ED/2018/01** | | | | |
|---|---|---|---|---|
| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Recommendations / Actions | Close-Out Date / Status |
| | | | construction site.<br><br>Action taken<br>The exposed surface and stockpile area was covered by the impermeable tarpaulin sheet. | |
| C0003 | A water discharge complaint was referred from the Contractor on 10 December 2021 through E-Mail regarding a complaint received by EPD (ref.: K19/RE/00029046-21) on 9 December 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<br>Joint site inspection was conducted by ER, IEC, ET and the contractor on 14 December 2021, no adverse observation against the water impact was recorded.<br>- There was no muddy water discharge to DSD outfall near the roundabout of Shing Fung Road.<br>- The sand bag with layers and filter were provided at the manholes.<br><br>Recommendations<br>There was no direct evidence showing that the water nuisance was caused by the contractor at the complaint area.<br>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 sand bag and filter to ease the nuisance. The contractor is recommended to implement the following measures to minimize the impact for waste water:<br>- Enhance the sand bag with several layers instead of one layer only and replace the filter frequently.<br>- Modify the wheel washing area such that the muddy water will be directly flow to | - Closed-out on 5 Jan 2022<br>- No further complaint was received. |

| **Complaint Log for ED/2018/01** | | | | |
|---|---|---|---|---|
| Complaint Ref. No. | Date of Complaint | Description of Complaint | Investigation / Recommendations / Actions | Close-Out Date / Status |
| | | | the pit and then waste water treatment facility.<br>- Take necessary measures to minimize the environmental nuisance arising from the construction site.<br><br><u>Action taken</u><br>- Sand bags and filter were used to block the manholes.<br>- Manholes had been adequately covered and replace the filter frequently. | |
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