MTR Corporation Limited

# Shatin to Central Link –
# Tai Wai to Hung Hom Section and
# MongKok East to Hung Hom Section

## Monthly EM&A Report No. 104

[Period from 1 to 31 October 2023]

(November 2023)

Verified by: Claudine LEE

Position: Independent Environmental Checker

Date: 9 November 2023

MTR Corporation Limited

# Shatin to Central Link –
# Tai Wai to Hung Hom Section

## Monthly EM&A Report No. 104

[Period from 1 to 31 October 2023]

(November 2023)

| | | |
|---|---|---|
| Certified by | : | Alex Siu |
| Position | : | Environmental Team Leader |
| Date | : | 9 November 2023 |

**MTR Corporation Limited**

# Shatin to Central Link –
# Tai Wai to Hung Hom Section and
# MongKok East to Hung Hom Section

# Monthly EM&A Report No.104

[Period from 1 to 31 October 2023]

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# 1 INTRODUCTION

## 1.1 Background

1.1.1 The Shatin to Central Link (SCL) is a 17km extension of the existing Ma On Shan Line (MOL) and East Rail Line (EAL) comprising (i) The East-West Corridor which extends the MOL from Tai Wai to Hung Hom via East Kowloon to connect with the West Rail Line (WRL) at Hung Hom Station (HUH) and Stabling Sidings at Hung Hom Freight Yard (HHS); and (ii) The North-South Corridor which is an extension of the East Rail Line (EAL) at Hung Hom across the harbour to Admiralty Station (ADM).

1.1.2 Shatin to Central Link – Tai Wai to Hung Hom Section [SCL (TAW-HUH)] and Shatin to Central Link – Mong Kok East to Hung Hom Section [SCL (MKK-HUH) (hereafter referred to as "the Project") are parts of the SCL. Shatin to Central Link – Stabling Sidings at Hung Hom Freight Yard [SCL (HHS)] is a proposed stabling sidings option for SCL (TAW – HUH) at the former freight yard in Hung Hom.

1.1.3 The Environmental Impact Assessment (EIA) Reports for SCL (TAW-HUH) (Register No.: AEIAR-167/2012), SCL (MKK-HUH) (Register No.: AEIAR-165/2012) and SCL (HHS) (Register No.: AEIAR-164/2012) were approved on 17 February 2012 under the Environmental Impact Assessment Ordinance (EIAO). Following the approval of the EIA Reports, two Environmental Permits (EPs) were granted on 22 March 2012, one covers SCL (TAW-HUH) and SCL (HHS) (EP No: EP-438/2012) and the other covers SCL (MKK-HUH) and SCL (HHS) (EP No.: EP-437/2012), for their construction and operation. Variations of environmental permit (VEP) were subsequently applied for EP-438/2012 and EP-437/2012. The latest Environmental Permits (EP Nos.: EP-438/2012/K and EP-437/2012/A) were issued by Director of Environmental Protection (DEP) on 4 October 2016 and 28 November 2017, respectively.

## 1.2 Project Programme

1.2.1 Twelve civil construction works contracts of the Project have been awarded since July 2012. The construction of the Project commenced in September 2012. **Table 1.1** summarises the information of the awarded Works Contracts. All major construction works under these twelve civil construction works contracts have been completed.

**Table 1.1 Summary of Awarded Works Contracts**

| Works Contract | Description | Construction Start Date | Contractor | Environmental Team |
|---|---|---|---|---|
| 1101(1) | Ma On Shan Line Modification Works | December 2012 | Sun Fook Kong Joint Venture (SFKJV) | ANewR Consulting Ltd. (ANewR) |
| 1102(6) | Hin Keng Station and Approach Structures | October 2013 | Penta-Ocean Construction Co. Ltd. | Wellab Limited (Wellab) |
| 1103(7) | Hin Keng to Diamond Hill Tunnels | February 2013 | Vinci Construction Grands Projets | Ove Arup & Partners Hong Kong Ltd. (Arup) |
| | | October 2019 | Wing Ho Yuen Landscaping Co. Ltd. | MTR Co. Limited |
| 1106(8) | Diamond Hill Station | March 2013 | Leader Joint Venture | Cinotech Consultants Ltd. (Cinotech) |
| 1107(4) | Diamond Hill to Kai Tak Tunnels | May 2013 | Chun Wo - SELI Joint Venture | Cinotech Consultants Ltd. (Cinotech) |
| 1108(5) | Kai Tak Station and Associated Tunnels | June 2013 | Kaden -Chun Wo Joint Venture | Environmental Pioneers & Solutions Ltd. |

| Works Contract | Description | Construction Start Date | Contractor | Environmental Team |
|---|---|---|---|---|
| 1108A(2) | Kai Tak Barging Point Facilities | September 2012 | Concentric – Hong Kong River Joint Venture (CCL-HKR JV) | Cinotech Consultants Ltd. (Cinotech) |
| 1109(10) | Stations and Tunnels of Kowloon City Section | September 2012 | Samsung-Hsin Chong JV (SSHCJV) | ERM-Hong Kong Limited (ERM) |
| 1111(9) | Hung Hom North Approach Tunnels | January 2013 | Gammon-Kaden SCL1111 JV | AECOM Asia Co. Ltd. |
| 1112(11) | Hung Hom Station and Stabling Sidings | June 2013 | Leighton Contractors (Asia) Limited | SMEC Asia Ltd., HK |
| 11240(3) | Excavation, Sorting and Disposal of Stockpiled Spoils to Approved Receptor Site | October 2017 | Crown Asia Engineering Limited (CAEL) | MTR Co. Limited |
| 11286 | Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station | 17 July 2023 | Paul Y. Engineering | ERM-Hong Kong Limited (ERM) |

Notes:

(1) All construction works (works areas at Tai Wai Mei Tin Road and the offsite temporary storage areas) under Works Contract 1101 were completed on 29 February 2016.

(2) All construction works (Kai Tak Barging Point Facilities) under Works Contract 1108A were completed on 29 September 2016.

(3) All construction works (Excavation, Sorting and Disposal of Stockpiled Spoils to Approved Receptor Site) under Works Contract 11240 were completed on 3 January 2018.

(4) All construction works (Diamond Hill to Kai Tak Tunnels) under Works Contract 1107 were completed on 22 February 2018.

(5) All construction works (Kai Tak Station and associated tunnels) under Works Contract 1108 were completed in July 2018.

(6) All construction works (Hin Keng Station and Approach Structures) under Works Contract 1102 were completed in December 2018. The Environmental Team was taken over by Wellab Limited starting from 1 January 2019.

(7) All construction works (Hin Keng to Diamond Hill Tunnels) under Works Contract 1103 were completed in June 2019. Minor landscaping works at Fung Tak had been commenced in mid-October and all the works were completed at the end of October 2019.

(8) All construction works (Diamond Hill Station) under Works Contract 1106 with significant environmental impacts were substantially completed by 25 June 2019.

(9) All major construction works (Hung Hom North Approach Tunnels) under Works Contract 1111 have been substantially completed since 18 November 2018.

(10) All construction works (Stations and Tunnels of Kowloon City Section) under Works Contract 1109 have been substantially completed on 12 August 2020.

(11) All major construction works (Hung Hom Station and Stabling Sidings) under Works Contract 1112 have been substantially completed by 17 September 2020.

1.2.2 All major construction works for SCL (TAW-HUH) and SCL (HHS) covered by EP No. EP-438/2012/K was completed. Moreover, several remaining works, including provision of recreational facilities at Ma Chai Hang and outstanding works of access in Sung Wong Toi area for pedestrian link connecting Sung Wong Toi Station to Pak Tai Street, would be carried out in later stage and undertaken by another works contracts in 2023 -2024 tentatively, subject to further liaison with Railway Development Office (RDO), relevant government departments and stakeholders. The tree planting works at Kai Tak Station Square (Phase 1) was carried out and completed in December 2021.

1.2.3 All major construction works for SCL (MKK-HUH) and SCL (HHS) covered by EP No. EP-437/2012/A was completed. Moreover, it is proposed to plant additional tree seedlings at the trackside area in Hung Hom as compensation for the shortfall of

compensatory planting. Such planting works would be carried out at later stage and undertaken by another works contract in 2023 tentatively, subject to further liaison with RDO, relevant government departments and stakeholders.

### 1.3 Purpose of the Report

1.3.1 The Environmental Monitoring and Audit (EM&A) programme for the Project commenced in September 2012. This is the one hundred fourth EM&A Report for the Project which summarises the EM&A works undertaken during the period from 1 to 31 October 2023.

## 2 ENVIRONMENTAL MONITORING AND AUDIT

2.1.1 The construction of SCL has been divided into different civil construction works contracts which are covered by EP No. EP-437/2012/A and/or EP-438/2012/K. As per the EP Conditions, EM&A Reports for the works contracts as shown in the table below have been prepared by the respective Contractor's ETs.

**Table 2.1 Summary of Works Contracts and Respective EPs**

| Works Contract | Contract Title | Works Covered in Environmental Permit No. |
|---|---|---|
| 1101 | Ma On Shan Modification Works | EP-438/2012/K |
| 1102 | Hin Keng Station and Approach Structures | EP-438/2012/K |
| 1103 | Hin Keng to Diamond Hill Tunnels | EP-438/2012/K |
| 1106 | Diamond Hill Station | EP-438/2012/K |
| 1107 | Diamond Hill to Kai Tak Tunnels | EP-438/2012/K |
| 1108 | Kai Tak Station and Associated Tunnels | EP-438/2012/K |
| 1108A | Kai Tak Barging Point Facilities | EP-438/2012/K |
| 1109 | Stations and Tunnels of Kowloon City Section | EP-438/2012/K |
| 1111 | Hung Hom North Approach Tunnels | EP-437/2012/A & EP-438/2012/K |
| 1112 | Hung Hom Station and Stabling Sidings | EP-437/2012/A & EP-438/2012/K |
| 11240 | Excavation, Sorting and Disposal of Stockpiled Spoils to Approved Receptor Site | EP-438/2012/K |
| 11286 | Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station | EP-438/2012/K |

2.1.2 The EM&A Reports for Works Contracts 11286 prepared by the respective Contractor's ETs are provided in **Appendix A**. The EM&A Report provide details of the project information, EM&A requirements, impact monitoring and audit results for the corresponding Contract.

2.1.3 A summary of the major construction activities undertaken by the respective Contractors of various Works Contracts during the reporting period are presented in **Table 2.2**.

**Table 2.2 Summary of Major Construction Activities in the Reporting Period**

| Works Contract | Site | Construction Activities |
|---|---|---|
| 11286 | Works in Sung Wong Toi (SUW) (formerly named as To Kwa Wan (TKW)) | Near Sung Wong Toi Exit D (W1)<br>• Site Formation<br>• Pre-grout<br>• Site office erection<br>Near Pak Tai Street (H2)<br>• Site Formation<br>• Pre-drill<br>• UU diversion |

2.1.4 Impact monitoring for air quality and construction noise were conducted in accordance with the EM&A Manual in the reporting period. Continuous noise monitoring was not required in the reporting period for the Works Contract according to the Continuous Noise Monitoring Plan (CNMP). The air quality and construction noise for this reporting period are summarised in **Tables 2.3** and **2.4**. Details of the monitoring requirements, locations, equipment, methodology and QA/QC procedures are presented in the EM&A Reports as provided in **Appendices A**.

2.1.5 Water quality monitoring was not carried out during this reporting period since no dredging activity was conducted in the reporting period.

2.1.6 No environmental complaint, exceedance of limit level, notification of summons or successful prosecutions was received during this reporting period. The investigation report of the environmental complaint received in September 2023 was included in this monthly EM&A report. Log for environmental complaints, notification of summons and successful prosecutions are provided in **Table 2.5**.

2.1.7 Regular site inspections were conducted by the respective ET on a weekly basis to check the implementation of environmental pollution control and mitigation measures for the Project. No non-conformance was identified in the reporting period.

**Table 2.3 Summary of TSP Monitoring Results in the Reporting Period**

| Monitoring Station ID | Location | TSP Concentration ($\mu g/m^3$) | Action Level ($\mu g/m^3$) | Limit Level ($\mu g/m^3$) | Exceedance due to the Project Construction (Yes/ No/ N/A) |
|---|---|---|---|---|---|
| ***Works Contracts 1102 and 1103*** | | | | | |
| DMS-1(11) | C.U.H.K.A.A. Thomas Cheung School | N/A | 148.7 | 260 | N/A |
| ***Works Contract 1103*** | | | | | |
| DMS-2(12) | Price Memorial Catholic Primary School | N/A | 167.4 | 260 | N/A |
| ***Works Contracts 1103 and 1106*** | | | | | |
| DMS-3(13) | Hong Kong S.K.H Nursing Home (1) | N/A | 159.1 | 260 | N/A |
| ***Works Contract 1106(10)*** | | | | | |
| DMS-4(13) | Block 1, Rhythm Garden | N/A | 160.4 | 260 | N/A |
| ***Works Contract 1108*** (5) | | | | | |
| ***Works Contract 1109*** | | | | | |
| DMS-6 | Katherine Building (2) | N/A | 156.8 | 260 | N/A |
| DMS-8 | SKH Good Shepherd Primary School | N/A | 152.2 | 260 | N/A |
| DMS-9 | No. 12 Pau Chung Street (4)(9) | N/A | 160.9 | 260 | N/A |
| DMS-10 | Chat Ma Mansion | N/A | 170.4 | 260 | N/A |
| ***Works Contract 1111*** | | | | | |
| AM1(6)(14) | No. 234 – 238 Chatham Road North (7) | N/A | 183.9 | 260 | N/A |
| ***Works Contract 1112*** | | | | | |
| AM2 | Site Boundary of Finger Pier Adjacent To Harbourfront Horizon (8) | N/A | 182 | 260 | N/A |
| ***Works Contract 11240*** **(5)** | | | | | |
| ***Works Contract 11286*** | | | | | |
| DMS-7 (15) | Parc 22 (3) | 29-67 | 289.7 | 500 | No |
| | Skytower Tower 2 | 68 | 166.7 | 260 | No |

Notes:
(1) Alternative monitoring location to Shek On House
(2) Alternative monitoring location to Prosperity House
(3) Alternative monitoring location to Skytower Tower 2
(4) Alternative monitoring location to Lucky Building
(5) No TSP monitoring is required under this contract
(6) AM1 named as HUH-1-3 in SCL(TAW-HUH) and SCL(HHS) EIA Reports.
(7) Alternative monitoring location to Wing Fung Building
(8) Alternative monitoring location to Harbourfront Horizon
(9) Alternative monitoring location of No. 26 Kowloon City Road
(10) The 24-hour TSP monitoring works would be taken up by Works Contract 1106 since the completion of Works Contract 1107 in Feb 2018.
(11) The cessation of monitoring works at DMS-1 was approved by EPD and the last monitoring was conducted on 16 Jul 2018.
(12) The temporary cessation of monitoring works at DMS-2 was approved by EPD in end-June 2019. The last monitoring date was 27 June 2019.

(13) The cessation of monitoring works at DMS-3 and DMS-4 was approved by EPD on 31 Jul 2019. The last monitoring was conducted on 30 Jul 2019.
(14) The cessation of monitoring works at AM1 was proposed on 25 Jul 2019 and EPD expressed no objection on 31 Jul 2019.
(15) During the reporting period, as a temporary arrangement, it was proposed by the ET and agreed by the IEC to conduct 1-hour TSP monitoring at Parc 22 roof level. 1-hour TSP monitoring was conducted on 5, 11, 17 and 21 October 2023. Since then, ET has obtained the permission from Sky Tower to deploy the High Volume Sampler (HVS) at the location same as the originally proposed dust monitoring location of DMS-7 in the approved EM&A Manual for SCL (TAW HUH). 24-hour TSP thus has subsequently been conducted at Sky Tower Tower 2 (podium level) on 27 October 2023 and will be conducted in the following reporting periods.

**Table 2.4 Summary of Construction Noise Monitoring Results in the Reporting Period**

| Monitoring Station ID | Location | Noise Level ($L_{Aeq,30mins}$, dB(A)) | | | Limit Level (dB(A)) | Exceedance due to the Project Construction (Yes/No/N/A) |
|---|---|---|---|---|---|---|
| | | Measured | Baseline | Corrected [7] | | |
| ***Works Contracts 1102 and 1103*** | | | | | | |
| NMS-CA-1[12] | C.U.H.K.A.A. Thomas Cheung School | N/A | 57.0 | N/A | 70 (65 during examination period) | N/A |
| ***Works Contract 1103*** | | | | | | |
| NMS-CA-2[13] | Price Memorial Catholic Primary School | N/A | 66.0 | N/A | 70 (65 during examination period) | N/A |
| ***Works Contracts 1103 and 1106*** | | | | | | |
| NMS-CA-3[14] | Hong Kong S.K.H Nursing Home [1] | N/A | 73.0 | N/A | 70 | N/A |
| ***Works Contracts 1106[11]*** | | | | | | |
| NMS-CA-4[14] | Block 1, Rhythm Garden (north-eastern façade) | N/A | 71.0 | N/A | 75 | N/A |
| NMS-CA-5[14] | Block 1, Rhythm Garden (northern façade)[2] | N/A | 74.0 | N/A | 70 (65 during examination period) | N/A |
| ***Works Contract 1108*** [6] | | | | | | |
| ***Works Contract 1109*** | | | | | | |
| NMS-CA-6 | No. 16-23 Nam Kok Road [3] | N/A | 76.1 | N/A | 75 | N/A |
| NMS-CA-8 | SKH Good Shepherd Primary School | N/A | 75.4 | N/A | 70 (65 during examination period) (79 during the period of conducting the continuous noise monitoring) [8] | N/A |
| NMS-CA-9 | Kong Yiu Mansion [4] | N/A | 69.2 | N/A | 75 | N/A |
| NMS-CA-10 | Chat Ma Mansion | N/A | 76.6 | N/A | 75 | N/A |
| ***Works Contract 1111*** | | | | | | |
| NM1[15] | Carmel Secondary School (South Block) | N/A | 68.0 | N/A | 70 (65 during examination period) (68 during the period of conducting the continuous noise monitoring) [9] | N/A |
| NM2[15] | No. 234 – 238 Chatham Road North [5] | N/A | 79.0 | N/A | 75 (77) [10] | N/A |
| ***Works Contract 1112*** [6] | | | | | | |
| ***Works Contract 11240*** [6] | | | | | | |

| Monitoring Station ID | Location | Noise Level ($L_{Aeq,30mins}$, dB(A)) | | | Limit Level (dB(A)) | Exceedance due to the Project Construction (Yes/No/N/A) |
|---|---|---|---|---|---|---|
| | | Measured | Baseline | Corrected (7) | | |
| ***Works Contract 11286*** | | | | | | |
| NMS-CA-7 | Skytower Tower 2 | 67.1-68.2 | 70.0 | < Baseline | 75 | No |

Notes:
(1) Alternative monitoring location to Shek On House.
(2) Alternative monitoring location to Canossa Primary School (San Po Kong).
(3) Alternative monitoring location to Prosperity House.
(4) Alternative monitoring location to Lucky Building.
(5) Alternative monitoring location to Wing Fung Building.
(6) No construction noise monitoring is required under this contract.
(7) The measured noise levels are corrected against the corresponding baseline noise levels.
(8) The Limit Level of 79 dB(A) was updated on 22 Aug 2013 as per the latest Construction Noise Mitigation Measures Plan (CNMMP) and Continuous Noise Monitoring Plan (CNMP) which were approved by EPD.
(9) The Limit of 68 dB(A) was updated on 20 Jan 2014 as per the latest CNMMP and CNMP which were approved by EPD.
(10) Daytime noise Limit Level of 77 dB(A) applies during the continuous noise monitoring period.
(11) The construction noise monitoring works would be taken up by Works Contract 1106 since the completion of Works Contract 1107 in Feb 2018.
(12) The cessation of monitoring works at NMS-CA-1 was approved by EPD and the last monitoring was conducted on 17 Jul 2018.
(13) The temporary cessation of monitoring works at NMS-CA-2 was approved by EPD in end-June 2019. The last monitoring date was 24 Jun 2019.
(14) The cessation of monitoring works at NMS-CA-3, NMS-CA-4 and NMS-CA-5 was approved by EPD on 31 Jul 2019. The last monitoring proposed on 31 Jul 2019 was rescheduled to 1 Aug 2019 due to adverse weather and the hoist of Typhoon Signal No.8 (Typhoon “Wipha”).
(15) The cessation of monitoring works at NM1 and NM2 were proposed on 25 Jul 2019 and EPD expressed no objection on 31 Jul 2019.

**Table 2.5 Log for Environmental Complaints, Notification of Summons and Successful Prosecutions for the Reporting Month**

| Works Contract | Environmental Complaints | Notification of Summons | Successful Prosecutions |
|---|---|---|---|
| 11286 | 1 | 0 | 0 |

# 3 IMPLEMENTATION STATUS ON THE ENVIRONMENTAL PROTECTION REQUIREMENTS

3.1.1 The respective Contractors have implemented all mitigation measures and requirements as stated in the EIA Reports, EM&A Manuals and EPs (EP-437/2012/A and EP-438/2012/K). The status of required submissions under the EPs as of the reporting period are summarised in **Tables 3.1** and **3.2**.

**Table 3.1 Summary of Status of Required Submissions for EP-437/2012/A**

| EP Condition (EP-437/2012/A) | Submission | Submission date |
|---|---|---|
| Condition 1.11 | Notification of Commencement Date of Construction of the Project | 30 Nov 2012 |
| Condition 2.3 | Notification of Information of Community Liaison Groups | 30 Nov 2012 |
| Condition 2.5 | Management Organisation of Main Construction Companies | 19 Dec 2012 (1st submission)<br>30 Apr 2013 (2nd submission) |
| Condition 2.6 | Construction Programme and EP Submission Schedule | 19 Dec 2012 |
| Condition 2.7 | Construction Noise Mitigation Measures Plan (CNMMP) | 30 Nov 2012 (1st submission)<br>8 Feb 2013 (Approved)<br>26 Apr 2013 (2nd submission)<br>11 Jun 2013 (3rd submission)<br>27 Aug 2013 (Approved)<br>20 Jan 2014 (4th submission)<br>28 Apr 2016 (Approved) |
| Condition 2.8 | Continuous Noise Monitoring Plan (CNMP) | 30 Nov 2012 (1st submission)<br>11 Jan 2013 (2nd submission)<br>8 Feb 2013 (Approved)<br>20 Jan 2014 (3rd submission)<br>28 Apr 2016 (Approved) |
| Condition 2.9 | Construction and Demolition Materials Management Plan (C&DMMP) | 6 Jul 2012 (1st submission)<br>12 Sep 2012 (2nd submission)<br>15 Oct 2012 (Approved) |
| Condition 2.10 | Sediment Management Plan | 6 Jul 2012 (1st submission)<br>12 Sep 2012 (2nd submission)<br>5 Oct 2012 (3rd submission)<br>15 Oct 2012 (Approved) |
| Condition 2.11 | Visual, Landscape, Tree Planting & Tree Protection Plan (VLTTP) | 14 Nov 2012 (1st submission)<br>8 Feb 2013 (2nd submission)<br>4 Feb 2015 (3rd submission)<br>26 Jun 2015 (4th submission)<br>12 May 2017 (5th submission)<br>17 Apr 2018 (6th submission)<br>17 Apr 2019 (7th submission)<br>9 Apr 2020 (8th submission) |
| Condition 2.16 | Operational Ground-borne Noise Mitigation Measures Plan | 23 Mar 2017 (1st submission)<br>17 May 2017 (2nd submission)<br>28 Jun 2017 (3rd submission)<br>20 Jul 2017 (Approved) |
| Condition 2.19 | As-built drawing(s) for Operation Air-borne Noise Mitigation Measure | 10 Jan 2018 (1st submission)<br>9 Feb 2018 (Approved) |
| Condition 2.21 | Proposal for Updating Maximum Allowable Sound Power Levels of Fixed Plant Sources | 26 Jul 2019 (Batch 1 Version A submission)<br>14 Aug 2019 (Batch 1 Version A approved) |

| EP Condition (EP-437/2012/A) | Submission | Submission date |
|---|---|---|
| Condition 2.21 | Fixed Plant Noise Audit Report | 29 Aug 2019 (Batch 1 Version A submission)<br>11 Oct 2019 (Approved) |
| Condition 3.1 | Proposal for Cessation of EM&A Programme at Hung Hom North Approach Tunnels | 25 Jul 2019 (1st submission)<br>31 Jul 2019 (Approved) |
| Condition 3.1 | Proposal for Cessation of EM&A Programme at Hung Hom Station and Stabling Sidings | 21 Oct 2020 (1st submission)<br>29 Oct 2020 (Approved) |
| Condition 3.3 | Baseline Monitoring Report (Works Contracts 1103, 1106 and 1111 – Hin Keng to Diamond Hill Tunnels, Diamond Hill Station, and Hung Hom North Approach Tunnels) | 19 Oct 2012 |
| Condition 3.4 | Monthly EM&A Reports No. 5-98<br><br>Monthly EM&A Report No. 99 | Reported in previous Monthly EM&A Reports<br><br>11 Dec 2020 |

**Table 3.2 Summary of Status of Required Submissions for EP-438/2012/K**

| EP Condition (EP-438/2012/K) | Submission | Submission date |
|---|---|---|
| Condition 1.12 | Notification of Commencement Date of Construction of the Project | 1 Aug 2012 |
| Condition 2.3 | Notification of Information of Community Liaison Groups | 13 Jul 2012 (1st submission)<br>31 Aug 2012 (2nd submission)<br>30 Nov 2012 (3rd submission) |
| Condition 2.7 | Management Organisation of Main Construction Companies | 27 Jul 2012 (1st submission)<br>21 Aug 2012 (2nd submission)<br>19 Dec 2012 (3rd submission)<br>22 Jan 2013 (4th submission)<br>30 Apr 2013 (5th submission)<br>21 May 2013 (6th submission) |
| Condition 2.8 | Construction Programme and EP Submission Schedule | 27 Jul 2012 |
| Condition 2.9 | Construction Noise Mitigation Measures Plan (CNMMP) | 1 Aug 2012 (1st submission)<br>28 Sep 2012 (2nd submission)<br>30 Nov 2012 (3rd submission)<br>11 Jan 2013 (4th submission)<br>8 Feb 2013 (Approved)<br>8 Feb 2013 (5th submission)<br>26 Apr 2013 (6th submission)<br>11 Jun 2013 (7th submission)<br>12 Jul 2013 (Approved)<br>26 Jul 2013 (8th submission)<br>22 Aug 2013 (Approved)<br>23 Aug 2013 (9th submission)<br>13 Sep 2013 (Approved)<br>20 Jan 2014 (10th submission)<br>26 Feb 2014 (Approved)<br>31 Mar 2015 (Contract 1106 submission only)<br>13 Apr 2015 (Contract 1106 submission only)<br>15 Apr 2015 (Approved) |
| Condition 2.10 | Continuous Noise Monitoring Plan (CNMP) | 1 Aug 2012 (1st submission)<br>28 Sep 2012 (2nd submission)<br>30 Nov 2012 (3rd submission)<br>11 Jan 2013 (4th submission)<br>8 Feb 2013 (Approved)<br>8 Feb 2013 (5th submission)<br>26 Apr 2013 (6th submission) |

| EP Condition (EP-438/2012/K) | Submission | Submission date |
|---|---|---|
| | | 11 Jun 2013 (7th submission)<br>12 Jul 2013 (Approved)<br>26 Jul 2013 (8th submission)<br>22 Aug 2013 (Approved)<br>23 Aug 2013 (9th submission)<br>13 Sep 2013 (Approved)<br>20 Jan 2014 (10th submission)<br>26 Feb 2014 (Approved)<br>7 Oct 2014 (11th submission)<br>23 Oct 2014 (Approved) |
| Condition 2.11 | Construction and Demolition Materials Management Plan (C&DMMP) | 6 Jul 2012 (1st submission)<br>12 Sep 2012 (2nd submission)<br>10 Oct 2012 (Approved) |
| Condition 2.12 | Sediment Management Plan | 6 Jul 2012 (1st submission)<br>12 Sep 2012 (2nd submission)<br>5 Oct 2012 (3rd submission)<br>10 Oct 2012 (Approved)<br>4 Mar 2013 (4th submission)<br>9 May 2013 (5th submission)<br>24 Jul 2013 (6th submission)<br>26 Jul 2013 (Approved) |
| Condition 2.13 | Visual, Landscape, Tree Planting & Tree Protection Plan | 6 Jul 2012 (1st submission)<br>30 Aug 2012 (2nd submission)<br>3 Oct 2012 (3rd submission)<br>13 Nov 2013 (Approved)<br>14 Nov 2012 (4th submission)<br>8 Feb 2013 (5th submission)<br>18 Mar 2013 (6th submission)<br>18 Jun 2013 (7th submission)<br>12 Jul 2013 (Approved)<br>23 Mar 2017 (8th submission)<br>7 Mar 2018 (9th submission)<br>30 Jul 2018 (10th submission)<br>28 Feb 2019 (11th submission)<br>5 Mar 2019 (12th submission)<br>29 May 2019 (13th submission)<br>19 Jul 2019 (Approved) |
| Condition 2.14 | Transplantation Proposal for Plant Species of Conservation Importance | 22 Aug 2012 (1st submission)<br>5 Oct 2012 (2nd submission)<br>26 Nov 2012 (3rd submission)<br>4 Dec 2012 (Approved) |
| Condition 2.15 | Conservation Plan | 31 Jan 2013 (1st submission)<br>18 Mar 2013 (2nd submission)<br>24 Apr 2013 (Approved) |
| Condition 2.16 | Archaeological Action Plan(s) (AAP(s)) for Works Contract 1109 | 10 Aug 2012 (1st submission)<br>3 Sep 2012 (2nd submission)<br>21 Sep 2012 (Approved)<br>11 Oct 2013 (3rd submission)<br>1 Nov 2013 (Approved) |
| Condition 2.16 | Archaeological Action Plan(s) (AAP(s)) for Works Contract 1106 | 29 Jan 2013 (1st submission)<br>19 Mar 2013 (2nd submission)<br>8 Apr 2013 (Approved) |
| Condition 2.23 | Supplementary Contamination Assessment Report for New Territories South Animal Centre | 28 Sep 2012<br>25 Oct 2012 (Approved) |
| Condition 2.27 | Operational Ground-borne Noise Mitigation Measures Plan | 18 Mar 2016 (Batch 1 Version A submission)<br>28 Apr 2016 (Batch 1 Version B submission)<br>28 Apr 2016 (Batch 2 Version A submission)<br>1 Jun 2016 (Batch 1 Version C submission) |

| EP Condition (EP-438/2012/K) | Submission | Submission date |
|---|---|---|
| | | 1 Jun 2016 (Batch 2 Version B submission)<br>23 Jun 2016 (Batch 1 Version D submission)<br>23 Jun 2016 (Batch 2 Version C submission)<br>15 Jul 2016 (Batch 1 Version D approved)<br>15 Jul 2016 (Batch 2 Version C approved)<br>15 Sep 2016 (Batch 3 Version A submission)<br>4 Oct 2016 (Batch 3 Version A approved)<br>8 Mar 2017 (Batch 4 Version A)<br>7 Apr 2017 (Batch 4 Version A approved)<br>7 Jun 2017 (Final)<br>20 Jul 2017 (Approved) |
| Condition 2.28 | As-built Drawings for Operational Ground-borne Noise Mitigation Measures | 10 Aug 2017 (1st submission)<br>15 Sep 2017 (Approved) |
| Condition 2.30 | As-built Drawings for Operational Air-borne Noise Mitigation Measures | 4 Dec 2015 (1st submission)<br>28 Dec 2015 (2nd submission)<br>4 Feb 2016 (Approved)<br>20 Mar 2018 (3rd submission)<br>18 Jul 2018 (Approved)<br>4 May 2018 (4th submission)<br>23 Jul 2018 (Approved)<br>20 Feb 2020 (5th submission)<br>17 Mar 2020 (Approved) |
| Condition 2.31 | Performance Test Report for Train Noise – Operational Airborne Railway and Ground-borne Noise | 15 Nov 2018 (Batch 1 Version A submission)<br>30 Jan 2019 (Batch 2 Version A submission)<br>29 Mar 2019 (Batch 1 Version A & Batch 2 Version B submission)<br>15 April 2019 (Approved) |
| Condition 2.32 | Proposal for Updating Maximum Allowable Sound Power Levels of Fixed Plant Sources | 30 Jan 2019 (Batch 1 Version A submission)<br>27 Feb 2019 (Batch 1 Version B submission)<br>13 Mar 2019 (Batch 1 Version B approved)<br>15 Mar 2019 (Batch 2 Version A submission)<br>8 Apr 2019 (Batch 2 Version A approved)<br>24 April 2019 (Batch 3 & 4 Version A submission)<br>21 May 2019 (Batch 3 Version B submission)<br>11 Jun 2019 (Batch 3 Version B & Batch 4 Version A approved)<br>21 Jun 2019 (Batch 5 Version A submission)<br>17 Jul 2019 (Batch 5 Version A approved)<br>19 Jul 2019 (Batch 6 Version A submission)<br>26 Jul 2019 (Batch 7 Version A submission)<br>29 Jul 2019 (Batch 6 Version A approved) |

| EP Condition (EP-438/2012/K) | Submission | Submission date |
|---|---|---|
| | | 14 Aug 2019 (Batch 7 Version A approved) |
| Condition 2.32 | Fixed Plant Noise Audit Report | 30 Jan 2019 (Batch 1 Version A submission)<br>15 Mar 2019 (Batch 1 Version B submission)<br>4 Apr 2019 (Batch 1 Version B approved)<br>16 Apr 2019 (Batch 2 Version A submission)<br>7 May 2019 (Batch 2 Version A approved)<br>24 Jun 2019 (Batch 3 Version A and Batch 4 Version A submission)<br>6 Jul 2019 (Batch 3 Version A and Batch 4 Version A approved)<br>2 Aug 2019 (Batch 5 Version A submission)<br>27 Aug 2019 (Batch 6 Version A submission)<br>29 Aug 2019 (Batch 7 Version A submission)<br>3 Sep 2019 (Batch 5 Version A approved)<br>13 Sep 2019 (Batch 6 Version B approved)<br>23 Sep 2019 (Batch 7 Version B submission)<br>11 Oct 2019 (Batch 7 Version B approved) |
| Condition 2.33 | As-built Drawings for Landscape and Visual Mitigation Measures | 4 Dec 2015 (1st submission)<br>28 Dec 2015 (2nd submission)<br>4 Feb 2016 (Approved)<br>22 Aug 2018 (3rd submission)<br>5 Nov 2018 (4th submission)<br>6 Sep 2019 (5th submission)<br>11 Sep 2019 (Approved)<br>27 Sep 2019 (6th submission)<br>21 Feb 2020 (7th submission)<br>17 Sep 2020 (8th submission)<br>4 Nov 2020 (9th submission) |
| Condition 2.36 | Contamination Assessment Plan (CAP) for the Temporary Magazine Site at TKO Area 137 | 23 Mar 2016 (1st submission)<br>20 Apr 2016 (2nd submission)<br>22 Apr 2016 (Approved) |
| Condition 2.36 | Contamination Assessment Report (CAR) for the Temporary Magazine Site at TKO Area 137 | 19 May 2016 (1st submission)<br>3 Jun 2016 (2nd submission)<br>15 Jun 2016 (Approved) |
| Condition 3.1 | Proposal for Termination of Environmental Monitoring and Audit (EM&A) Programme for Kai Tak Barging Point Facilities | 7 Oct 2016 (Approved) |
| Condition 3.1 | Proposal for Cessation of EM&A Works at Hin Keng | 9 May 2018 (1st submission)<br>16 Jul 2018 (Approved) |
| Condition 3.1 | Proposal for Cessation of EM&A Programme at Diamond Hill Station | 25 Jul 2019 (1st submission)<br>31 Jul 2019 (Approved) |
| Condition 3.1 | Proposal for Cessation of EM&A Programme at Hung Hom North Approach Tunnels | 25 Jul 2019 (1st submission)<br>31 Jul 2019 (Approved) |

| EP Condition (EP-438/2012/K) | Submission | Submission date |
|---|---|---|
| Condition 3.1 | Proposal for Cessation of EM&A Programme at Stations and Tunnels of Kowloon City Section | 24 Aug 2020 (1st submission)<br>28 Aug 2020 (Approved) |
| Condition 3.1 | Proposal for Cessation of EM&A Programme at Hung Hom Station and Stabling Sidings | 21 Oct 2020 (1st submission)<br>29 Oct 2020 (Approved) |
| Condition 3.3 | Baseline Monitoring Report (Works Contract 1109 - Stations and Tunnels of Kowloon City Section) | 27 Jul 2012 |
| Condition 3.3 | Baseline Monitoring Report (Works Contract 1108A – Kai Tak Barging Point Facilities) | 31 Jul 2012 |
| Condition 3.3 | Baseline Monitoring Report (Works Contracts 1103, 1106 and 1111 – Hin Keng to Diamond Hill Tunnels, Diamond Hill Station, and Hung Hom North Approach Tunnels) | 19 Oct 2012 |
| Condition 3.4 | Monthly EM&A Reports No. 1-102<br><br>Monthly EM&A Report No. 103 | Reported in previous Monthly EM&A Reports<br><br>13 October 2023 |
| Condition 3.4 | Monthly Operational Airborne Rail Noise Monitoring Report (Festival City) No. 1-6 | Reported in previous Monthly EM&A Reports |

**Appendix A**

**Monthly EM&A Report for**
**SCL (TAW-HUH) and SCL(MKK-HUH) –**
**Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

MTR Corporation Limited

# Shatin to Central Link –
# Tai Wai to Hung Hom Section

## Monthly EM&A Report

[Period from 1 to 31 October 2023]

Works Contract 11286 - Pedestrian Link Connecting
Pak Tai Street and Sung Wong Toi Station

(9 November 2023)

Certified by:  Mandy To

Position: Environmental Team Leader

Date: 9 November 2023

Paul Y 保華建業 Paul Y. Engineering

# Construction of Shatin to Central Link (SCL) Contract 11286 - Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station

Monthly Environmental Monitoring and Audit Report No. 4 (1 October 2023 – 31 October 2023)

3 November 2023

Project No.: 0699635

*The business of sustainability*

ERM

| Document details | |
|---|---|
| Document title | Construction of Shatin to Central Link (SCL) Contract 11286 - Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station |
| Document subtitle | Monthly Environmental Monitoring and Audit Report No. 4 (1 October 2023 – 31 October 2023) |
| Project No. | 0699635 |
| Date | 3 November 2023 |
| Version | 1 |
| Author | JN |
| Client Name | Paul Y Construction Company Limited |

Document history

| | | | | ERM approval to issue | | |
|---|---|---|---|---|---|---|
| Version | Revision | Author | Reviewed by | Name | Date | Comments |
| Draft | 1.0 | JN | MT, HW | JN | 3.11.2023 | - |
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**Signature Page**

3 November 2023

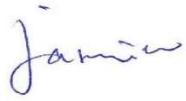
# Construction of Shatin to Central Link (SCL) Contract 11286 - Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station

## Monthly Environmental Monitoring and Audit Report No. 4 (1 October 2023 – 31 October 2023)

Certified by:

Mandy To
Environmental Team Leader

Approved by:



Dr Jasmine Ng
Managing Partner

**ERM-Hong Kong, Limited**
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# EXECUTIVE SUMMARY

The construction works of MTR Shatin to Central Link Works Contract 11286 – Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station commenced on 17 July 2023. This is the 4th monthly Environmental Monitoring and Audit (EM&A) report presenting the EM&A works carried out during the period from 1 Oct 2023 to 31 Oct 2023 in accordance with the approved EM&A Manuals and the Environmental Permit (EP-438/2012/K).

## Summary of the Construction Activities Undertaken during the Reporting Period

The major construction activities undertaken during the reporting period include:

| Construction Activities Undertaken During the Reporting Period |
|---|
| Near Sung Wong Toi Exit D (W1)<br>■ Site formation<br>■ Pre-grout<br>■ Site office erection<br><br>Near Pak Tai Street (H2)<br>■ Site formation<br>■ Pre-drill<br>■ UU diversion |

## Construction Noise and Construction Dust Monitoring

A summary of the monitoring activities in this reporting period is listed below:

Regular construction noise monitoring during normal working hours:

- Skytower Tower 2 (NMS-CA-7): 4 times

Construction dust (TSP) monitoring*:

- Parc 22 (DMS-7): 4 times
- Skytower Tower 2 (DMS-7): 1 time

*1-hour TSP monitoring was carried out at Parc 22 (DMS-7) on 5, 11, 17 and 21 Oct 2023. 24-hour TSP monitoring was carried out at Skytower Tower 2 (DMS-7) on 27 Oct 2023.

## Cultural Heritage

As there was no foundation work conducted during the reporting period, vibration monitoring has not been conducted during the reporting period.

## Waste Management

Waste generated from this Works Contract typically includes inert construction and demolition materials and non-inert construction and demolition materials. 100m3 of inert construction and demolition materials was generated from the Works Contract and disposed as public fill. No non-inert construction and demolition materials waste was generated during the reporting period.

## Landscape and Visual

Bi-weekly inspections of the implementation of landscape and visual mitigation measures were conducted during the site inspections conducted by Contractor's ET. Details of the audit findings and the implementation status are presented in **Section 5**.

## Environmental Site Inspection

Joint weekly site inspections were conducted by representatives of the Contractor, Engineer and Contractor's ET on 5, 12, 19 and 26 Oct 2023. The representative of the IEC joined the site inspection on 12 Oct 2023. Details of the audit findings are presented in **Section 6**.

## Environmental Exceedance/Non-conformance/Complaint/Summons and Prosecution

No exceedance of the Action and Limit Levels of the construction noise was recorded during the reporting period.

No exceedance of the Action and Limit Levels of construction dust monitoring was recorded during the reporting period.

No non-compliance event was recorded during the reporting period.

No environmental complaint was received during this reporting period, and one environmental complaint was received during last reporting period. The date of complaint was 22 September 2023, and was referred to the contractor by EPD on 28 September 2023. ET's investigation has been completed, and the investigation report is included in **Appendix M**.

No summon or prosecution was received during the reporting period.

## Upcoming Works for the Next Reporting Period

The major construction works to be undertaken in the next reporting period include:

| Construction Activities Undertaken during the Next Reporting Period |
|---|
| Near Sung Wong Toi Exit D (W1)<br>■ Site formation<br>■ Pre-grout<br>■ Bored pile<br><br>Near Pak Tai Street (H2)<br>■ Site formation<br>■ UU diversion<br>■ Cover walkway erection |

# 1. INTRODUCTION

ERM-Hong Kong, Limited (ERM) was appointed by Paul Y Construction Company Limited as the Environmental Team (Contractor's ET) to undertake the Environmental Monitoring and Audit (EM&A) programme during the construction phase of the MTR Shatin to Central Link (SCL) Contract No. 11286 – Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station (hereafter referred as the Works Contract).

## 1.1 Purpose of the Report

This is the 4th EM&A report which summarises the monitoring results and audit findings during the reporting period from 1 Oct 2023 to 31 Oct 2023**.**

## 1.2 Structure of the Report

Following this introductory section, the remainder of this Monthly EM&A Report is organised as follows:

- Section 2: **Project Information**
  - It summarises the background and scope of the Works Contract, site description, Works Contract's organisation and contact details, construction programme, construction works undertaken and status of the Environmental Permits/Licenses during the reporting period.
- Section 3: **Environmental Monitoring Requirement**
  - It summarises the monitoring parameters, programmes, methodologies, frequency, locations, Action and Limit Levels, Event /Action Plans.
- Section 4: **Implementation Status of the Environmental Protection Requirements**
  - It summarises the implementation of environmental protection measures during the reporting period.
- Section 5: **Monitoring Results**
  - It summarises the monitoring results obtained in the reporting period.
- Section 6: **Environmental Site Inspection**
  - It summarises the audit findings of the weekly site inspections undertaken within the reporting period.
- Section 7: **Environmental Non-conformance**
  - It summarises any monitoring exceedance, environmental complaints and summons within the reporting period.
- Section 8: **Upcoming Works for the Next Reporting Period**
  - It summarises the upcoming construction activities and monitoring schedule for the next reporting period.
- Section 9: **Conclusions**
  - It provides the conclusion of this Monthly EM&A Report.

# 2. PROJECT INFORMATION

## 2.1 Background

The SCL – Tai Wai to Hung Hom Section (hereafter referred to as SCL (TAW-HUH)) is an extension of the Ma On Shan Line (MOL), linking up with the West Rail Line at Hung Hom forming a strategic east-west rail corridor. It is a Designated Project under the *Environmental Impact Assessment Ordinance* (Cap. 499) (EIAO).

EIA Report for SCL (TAW-HUH) (Register No AEIAR-167/2012) was approved on 17 February 2012 under EIAO. Following the approval of the EIA Report for SCL (TAW-HUH), the Environmental Permit (EP) (EP No: EP-438/2012) was issued, subsequent Variation of Environmental Permit (VEP) was applied and the latest EP (EP No. EP-438/2012/K) was issued by Director of Environmental Protection (DEP) in October 2016.

As part of the SCL, a Pedestrian Link (P-Link) as a direct dedicated connectivity for the railway passengers and pedestrians crossing between the existing Sung Wong Toi (SUW) Station and Pak Tai Street will be constructed.

The EM&A programme during the construction phase of the Works Contract has been performed during the reporting period in accordance with the relevant EM&A requirements stipulated in the EM&A Manual for SCL (TAW-HUH) (hereafter referred to as the approved EM&A Manual). The construction of the Works Contract commenced on 17 July 2023.

## 2.2 General Site Description

The Works Contract mainly comprises of two works areas, namely W1 and H2. W1 is the works area near the Exit D of the existing SUW Station, whereas H2 is the works area near Pak Tai Street. The works areas for the Works Contract are shown in **Appendix A**.

## 2.3 Construction Programme and Activities

A summary of the major construction activities undertaken in this reporting period is shown in **Table 2.1**. The construction programme is presented in **Appendix B**.

**Table 2.1 Summary of the Construction Activities Undertaken during the Reporting Period**

| Construction Activities Undertaken During the Reporting Period |
|---|
| Near Sung Wong Toi Exit D (W1)<br>■ Site formation<br>■ Pre-grout<br>■ Site office erection<br><br>Near Pak Tai Street (H2)<br>■ Site formation<br>■ Pre-drill<br>■ UU diversion |

## 2.4 Works Contract Organization

The Works Contract organizational chart and contact details are shown in **Appendix C**.

## 2.5 Status of Environmental Licences, Notification and Permits

A summary of the valid permits, licences, and/or notifications on environmental protection for this Works Contract is presented in **Table 2.2**.

## Table 2.2 Summary of the Status of Valid Environmental Licence, Notification, Permit and Documentations

| Permit/ Licences/ Notification | Reference | Validity Period | Remarks |
|---|---|---|---|
| Environmental Permit | EP-438/2012/K | Throughout the Contract | Permit granted on 4 October 2016 |
| Notification of Construction Works under the Air Pollution Control (Construction Dust) Regulation (Form NA) | 493887 | - | - |
| Construction Noise Permit | GW-RE1258-23 | | Permit granted on 29 October 2023 |
| Wastewater Discharge Licence | Application number: 495035 | - | Application was made in July 2023 and is pending EPD's approval. |
| Chemical Waste Producer Licence | WPN 5213-242-P2973-12 | - | - |
| Billing Account for Disposal of Construction Waste | 7048028 | Throughout the Contract | - |

# 3. ENVIRONMENTAL MONITORING REQUIREMENT

## 3.1 Regular Construction Noise Monitoring

### 3.1.1 Monitoring Location

The proposed construction noise monitoring location for the construction phase of the Project, as recommended in the approved EM&A Manual, is listed in **Table 3.1** and shown in **Appendix D**. The proposed location has been agreed with the ER, EPD and IEC.

**Table 3.1 Regular Construction Noise Monitoring Location**

| Monitoring Station | Description | Type of Measurement |
|---|---|---|
| NMS-CA-7 [(a)] | Skytower Tower 2 (at Podium Level) | Façade |

**Note:**
(a) Noise monitoring station with reference to the *SCL (TAW-HUH) Baseline Monitoring Report for Works Contract 1109 – To Kwa Wan and Ma Tau Wai Stations and Tunnels, July 2012*.

### 3.1.2 Monitoring Parameter and Frequency

Weekly construction noise monitoring was conducted in accordance with the requirements stipulated in the approved EM&A Manual. If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority have to be followed. The monitoring schedule for this reporting period is shown in **Appendix E**.

The construction noise levels were measured in terms of the A-weighted equivalent continuous sound pressure level ($L_{Aeq}$) in decibels dB(A). $L_{Aeq}$ (30min) was used as the monitoring metric for the time period between 0700 – 1900 hours on normal weekdays. The measured noise levels were logged every 5 minutes throughout the monitoring period.

### 3.1.3 Monitoring Equipment and Methodology

Construction noise monitoring was performed using sound level meter at the designated monitoring station NMS-CA-7. Construction noise measurements were conducted in accordance with the calibration and measurement procedures as stated in *Annex – General Calibration and Measurement Procedures of Technical Memorandum on Noise from Construction Work other than Percussive Piling (GW-TM)* issued under the *Noise Control Ordinance (NCO)* (Cap 400).

The sound level meter and calibrator used for the noise measurement, as listed in **Table 3.2**, comply with the IEC 651: 1979 and 804:1985 (Type 1) specification. The calibration certificates of the sound level meter and sound level calibrator are presented in **Appendix F**.

**Table 3.2 Noise Monitoring Equipment**

| Monitoring Station | Noise Monitoring Equipment |
|---|---|
| NMS-CA-7 | ■ Sound Level Meter – Rion NL-52 (00643049)<br>■ Precision Acoustic Calibrator – Larson Davis CAL200 (15678) |

Immediately prior to and following the noise measurements, the accuracy of the measurement equipment was checked using an acoustic calibrator generating a known sound pressure level at a known frequency.

Measurements were accepted when the calibration level from before and after the noise measurement agreed to be within 1.0 dB(A).

### 3.1.4 Action and Limit Levels

The Action and Limit Levels are presented in **Table 3.3** and the Event / Action Plan for construction noise monitoring is presented in **Appendix G**.

**Table 3.3 Action and Limit Levels for Construction Noise Monitoring**

| Time Period | Monitoring Location | Action Level | Limit Level |
|---|---|---|---|
| 0700-1900 hours on normal weekdays | NMS-CA-7 | When one documented valid complaint is received | 75 dB(A) |

**Note:**
(a) If works are to be carried out during restricted hours (ie, outside 0700 – 1900 from Monday to Saturday), the conditions stipulated in the construction noise permit issued by the Noise Control Authority have to be followed.

## 3.2 Construction Dust Monitoring

### 3.2.1 Monitoring Location

The proposed dust monitoring station for the construction phase of the Project, as recommended in the approved EM&A Manual, is listed in **Table 3.4** and shown in **Appendix D**. The proposed location has been agreed with the ER, EPD and IEC.

**Table 3.4 Construction Dust Monitoring Location**

| Monitoring Station | Description |
|---|---|
| DMS-7 (a) | Parc 22 roof level(a) |
| | Skytower Tower 2 (podium level) (b) |

**Note:**
(a) Dust monitoring station with reference to the *SCL (TAW-HUH) Baseline Monitoring Report for Works Contract 1109 – To Kwa Wan and Ma Tau Wai Stations and Tunnels, July 2012*.
(b) Dust monitoring station has been relocated to Skytower Tower 2 (podium level) since 27 October 2023.

### 3.2.2 Monitoring Parameter and Frequency

TSP monitoring (1) was conducted in a frequency of once every 6 days throughout the reporting period. The monitoring schedule for this reporting period is shown in **Appendix E**.

### 3.2.3 Monitoring Equipment

Portable direct reading dust meters and high volume sampler were used to measure 1-hour TSP and 24-hour TSP levels respectively at the designated monitoring station. The equipment used for the construction dust monitoring is listed in **Table 3.5**.

**Table 3.5 Construction Dust Monitoring Equipment**

| Monitoring Station | Dust Monitoring Equipment |
|---|---|
| DMS-7 | ■ Laser Dust Monitor – Sibata LD – 3B (326285) |
| | ■ High Volume Sampler – Tisch Environmental – TE-5170 (3958) |

(1) During the reporting period, as a temporary arrangement, it was proposed by the ET and agreed by the IEC to conduct 1-hour TSP monitoring at Parc 22 roof level. 1-hour TSP monitoring was conducted on 5, 11, 17 and 21 October 2023. Since then, ET has obtained the permission from Sky Tower to deploy the High Volume Sampler (HVS) at the location same as the originally proposed dust monitoring location of DMS-7 in the approved EM&A Manual for SCL (TAW HUH). 24-hour TSP thus has subsequently been conducted at Sky Tower Tower 2 (podium level) on 27 October 2023 and will be conducted in the following reporting periods.

### 3.2.4 Monitoring Methodology

The measuring procedures of the 1-hour TSP dust meter in accordance with the Manufacturer's Instruction Manual are as follows:

- Turn the power on.
- Close the air collecting opening cover.
- Push "TIME SETTING" switch to [BG].
- Push "START/STOP" switch to perform background measurement for 6 seconds.
- Turn the knob at SENSI ADJ position to insert the light scattering plate.
- Leave the equipment for 1 minute upon "SPAN CHECK" is indicated in the display.
- Push "START/STOP" switch to perform automatic sensitivity adjustment. This measurement takes 1 minute.
- Pull out the knob and return it to MEASURE position.
- Setting time period of 1 hour for the 1-hour TSP measurement

The portable direct reading dust meter would be calibrated every year against High Volume Sampler (HVS) to check the validity and accuracy of the results measured by direct reading method. The calibration certificate of the portable dust meter is presented in **Appendix F**.

The measuring preparation and procedures of the 24-hour TSP HVS are as follows:

#### *Preparation of Filter Papers*

- Glass fibre filters were labelled and sufficient filters that were clean and without pinholes were selected;
- All filters were equilibrated in the conditioning environment for 24 hours before weighing. The conditioning environment temperature was around 25°C and not varied by more than 3°C; the relative humidity (RH) was 40%; and
- SGS Hong Kong Ltd, a HOKLAS accredited laboratory, implemented comprehensive quality assurance and quality control programmes on the filters.

#### *Field Monitoring*

- Power supply was checked to ensure that the HVSs were working properly;
- Filter holder and area surrounding the filter were cleaned;
- Filter holder was removed by loosening the foul bolts and a new filter, with stamped number upward, on a supporting screen was aligned carefully;
- Filter was properly aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter;
- Swing bolts were fastened to hold the filter holder down to the frame. The pressure applied should be sufficient to avoid air leakage at the edges;
- Shelter lid was closed and secured with an aluminium strip;
- HVS was warmed-up for about 5 minutes to establish run-temperature conditions;
- A new flow rate record sheet was inserted into the flow recorder;
- Flow rates of the HVSs were checked and adjusted to between 1.22 - 1.37 $m^3min-1$ , which was within the range specified in the EM&A Manual (i.e. 0.6 – 1.7 $m^3min-1$);

- Programmable timer was set for a sampling period of 24 hours ± 1 hour, and the starting time, weather condition and filter number were recorded;
- Initial elapsed time was recorded;
- At the end of sampling, the sampled filter was removed carefully and folded in half so that only surfaces with collected particulate matter were in contact;
- Filter paper was placed in a clean plastic envelope and sealed;
- All monitoring information was recorded on a standard data sheet; and
- Filters were sent to SGS Hong Kong Ltd for analysis.

*Maintenance and Calibration*

- HVS and its accessories were maintained in a good working condition. For example, motor brushes were replaced routinely and electrical wiring was checked to ensure a continuous power supply; and
- Flow rate of the HVS with mass flow controller was calibrated using an orifice calibrator. Initial calibrations of the dust monitoring equipment were conducted upon installation and prior to commissioning. Five-point calibration was carried out for HVS using TE-5025A Calibration Kit. HVS is calibrated every six-month. The calibration record for the HVS is included in **Appendix F**.

### 3.2.5 Wind Data Monitoring

Wind data (wind speed and direction) at the Kai Tak meteorological station during the monitoring period were obtained from the Hong Kong Observatory (HKO) and presented in **Appendix K**.

### 3.2.6 Action and Limit Levels

The Action and Limit levels have been established and are presented in **Table 3.6**. The Event / Action Plan for dust monitoring is presented in **Appendix G**.

**Table 3.6 Action and Limit Levels for Construction Dust Monitoring**

| Monitoring Location | Parameter | Action Level, µg/m$^3$ [(a)] | Limit Level, µg/m$^3$ |
|---|---|---|---|
| DMS-7 | 1-hour TSP | 289.7 | 500 |
| | 24-hour TSP | 166.7 | 260 |

**Note:**
(a) Reference to *SCL (TAW-HUH) Baseline Monitoring Report for Works Contract 1109 – To Kwa Wan and Ma Tau Wai Stations and Tunnels, July 2012*.

## 3.3 Cultural Heritage

In accordance with the approved EM&A Manual, appropriate vibration monitoring on the identified built heritage shall be agreed with the Building Department (BD)/Geotechnical Engineering Office (GEO) under the requirement of Buildings Ordinance as appropriate. Vibration levels shall be controlled to appropriate levels. Vibration monitoring shall be carried out by the Contractor.

As there was no foundation work conducted during the reporting period, vibration monitoring has not been conducted during the reporting period.

## 3.4 Landscape and Visual Mitigation Measures

In accordance with the approved EM&A Manual, the landscape and visual mitigation measures shall be implemented and site inspection shall be conducted once every two weeks throughout the construction period. The implementation status is given in **Appendix H**.

# 4. IMPLEMENTATION STATUS OF THE ENVIRONMENTAL PROTECTION REQUIREMENTS

The Contractor has implemented all the environmental mitigation measures and requirements as stated in the approved EIA Report, EP, approved EM&A Manual. The implementation status of the environmental mitigation measures for this Works Contract during the reporting period is summarised in **Appendix H**. The status of the required submissions under the EP for this Works Contract during this reporting period is presented in **Table 4.1**.

## Table 4.1 Status of Required Submission under the Works Contract during the Reporting Period

| EP Condition | Submission | Submission Date |
|---|---|---|
| 3.4 | Monthly EM&A Report (September 2023) | 13 October 2023 |

# 5. MONITORING RESULTS

## 5.1 Regular Construction Noise Monitoring

Construction noise monitoring was carried out at the monitoring station during normal weekdays of the reporting period. The monitoring results together with their graphical presentations are presented in **Appendix I** and a summary of the construction noise monitoring results in this reporting period is given in **Table 5.1**.

**Table 5.1 Summary of the Construction Noise Monitoring Results during the Reporting Period**

| Monitoring Station | Noise Monitoring Results | | Limit Level |
|---|---|---|---|
| | Average (dB(A), $L_{eq\ (30mins)}$) | Range (dB(A), $L_{eq\ (30mins)}$) | dB(A), $L_{eq\ (30mins)}$ |
| NMS-CA-7 | 69.7 | 67.1 – 68.2 | 75 |

No exceedance of the Action and Limit Levels of construction noise was recorded during the reporting period.

## 5.2 Construction Dust Monitoring

Construction dust monitoring, in terms of 1-hour TSP and 24-hour TSP levels, was carried out at the designated monitoring station during the reporting period. The monitoring results together with their graphical presentations are presented in **Appendix J** and a summary of the construction dust monitoring results in this reporting period is given in **Table 5.2**.

**Table 5.2 Summary of the Construction Dust Monitoring Results during the Reporting Period**

| Monitoring Station | Parameter | TSP Monitoring Results ($\mu gm^{-3}$) | | Action Level | Limit Level |
|---|---|---|---|---|---|
| | | Average ($\mu gm^{-3}$) | Range ($\mu gm^{-3}$) | ($\mu gm^{-3}$) | ($\mu gm^{-3}$) |
| DMS-7 | 1-hour TSP [(a)] | 48.4 | 29 – 67 | 289.7 | 500 |
| | 24-hour TSP [(b)] | 68 | 68 | 166.7 | 260 |

(a) 1-hour TSP was conducted on 5, 11, 17 and 21 October 2023 at Parc 22 roof level – the dust monitoring location with reference to *the SCL (TAW-HUH) Baseline Monitoring Report for Works Contract 1109 – To Kwa Wan and Ma Tau Wai Stations and Tunnels, July 2012*.

(b) 24-hour TSP was conducted since 27 October 2023 at a relocated monitoring station at Skytower 2 (podium level).

No exceedance of the Action and Limit Levels of construction dust was recorded during the reporting period.

## 5.3 Cultural Heritage

As there was no foundation work conducted during the reporting period, vibration monitoring has not been conducted during the reporting period.

## 5.4 Waste Management

The waste generated from this Works Contract generally includes inert construction and demolition (C&D) materials, and non-inert C&D materials. Non-inert C&D materials are made up of general refuse, vegetative wastes and recyclable wastes such as plastics and paper/cardboard packaging waste. No waste was generated during the reporting period, are summarised in **Table 5.3**. Details of waste management data are presented in **Appendix L.**

**Table 5.3 Quantities of Waste Generated from the Works Contract**

| Reporting Period | Quantity | | | | | |
|---|---|---|---|---|---|---|
| | Inert C&D Materials | Chemical Waste | Non-inert C&D Materials | | | |
| | | | General Refuse/Vegetative Waste | Recycled materials | | |
| | | | | Paper/ cardboard | Plastics | Metals |
| October 2023 | 100 $m^3$ | 0 kg | 0 $m^3$ | 0 kg | 0 kg | 0 kg |

## 5.5 Landscape and Visual Mitigation Measures

Bi-weekly inspection of the implementation of landscape and visual mitigation measures was conducted on 5 and 19 Oct 2023. Relevant mitigation measures given in **Appendix H** have been implemented. Required actions that were found are listed below:

### *5 Oct 2023*

There was no major observation during the site inspection.

### *19 Oct 2023*

There was no major observation during the site inspection.

# 6. ENVIRONMENTAL SITE INSPECTION

Joint weekly site inspections were conducted by representatives of the Contractor, Engineer and Contractor's ET on 5, 12, 19 and 26 Oct 2023. The representative of the IEC joined the site inspection on 12 Oct 2023. No non-compliance was recorded during the site inspections. Findings and recommendations for the site inspection in this reporting month are summarised below:

## *5 October 2023*

- The Contractor was reminded to provide water spraying to exposed area and to install a water spray system at the road entrance to maintain wet surface.
- The Contractor was reminded to clean up any waste and unused materials surrounding the archaeological site.

## *12 October 2023*

- Accumulation of treated water was observed on site. The Contractor is reminded to keep the drainage system well maintained and discharge the treated water regularly.
- The unused equipment and chemicals were observed to be placed in an open area. The Contractor is reminded to store the equipment and chemical/fuel in proper storage areas.

## *19 October 2023*

- The gate outside the heritage site was not in a well-maintained condition. Construction materials were also observed to be blocking the entrance of the archaeological site. The Contractor was reminded to clean up any waste and unused materials surrounding the archaeological site to avoid potential disturbance or damage to the archaeological site, and to avoid the blockage of the entrance of the archaeological site.
- Accumulation of rainwater and muddy water was observed on site. The Contractor was reminded to discharge the treated water regularly.
- The inlet and outlet pipes were observed to be connected in the same direction. The Contractor was reminded to connect the two pipes in opposite directions to prevent the discharge of inlet untreated water.

## *26 October 2023*

- The Contractor was reminded to clean up any waste and unused materials surrounding the archaeological site to avoid potential disturbance or damage to the archaeological site, and to avoid the blockage of the entrance of the archaeological site.
- The Contractor was reminded to provide water spraying to exposed areas to prevent potential fugitive dust generation from wind erosion.
- Muddy track has been observed at the public road around the site entrance. The area should be kept clean and free from silt and mud.

All follow-up actions requested by Contractor's ET and IEC during the site inspections were undertaken as reported by the Contractor.

# 7. ENVIRONMENTAL NON-CONFORMANCE

## 7.1 Summary of Monitoring Exceedance

No exceedance of the Action and Limit Levels of the construction noise was recorded during the reporting period.

No exceedance of the Action and Limit Levels of construction dust monitoring was recorded during the reporting period.

## 7.2 Summary of Environmental Non-compliance

No non-compliance event was recorded during the reporting period.

## 7.3 Summary of Environmental Complaint

No environmental complaint was received during this reporting period, and one environmental complaint was received during last reporting period. The date of complaint was 22 September 2023, and was referred to the contractor by EPD on 28 September 2023. ET's investigation has been completed, and the investigation report is included in **Appendix M**. The cumulative environmental complaint log is shown in **Appendix M**.

## 7.4 Summary of Environmental Summons and Successful Prosecution

No summon or prosecution was received during the reporting period. The cumulative summon/prosecution log is shown in **Appendix M**.

# 8. UPCOMING WORKS FOR THE NEXT REPORTING PERIOD

## 8.1 Construction Activities for the Coming Month

Works to be undertaken in the next reporting period are summarised in **Table 8.1**.

**Table 8.1 Construction Activities to be Undertaken during the Next Reporting Period**

| Construction Activities Undertaken during the Next Reporting Period |
|---|
| Near Sung Wong Toi Exit D (W1)<br>■ Site formation<br>■ Pre-grout<br>■ Bored pile<br><br>Near Pak Tai Street (H2)<br>■ Site formation<br>■ UU diversion<br>■ Cover walkway erection |

## 8.2 Monitoring Schedule for the Next Month

The tentative schedule of construction noise monitoring and construction dust monitoring in the next reporting period is presented in **Appendix E**.

## 8.3 Construction Programme for the Next Month

The construction programme for the Project for the next reporting period is presented in **Appendix B.**

# 9. CONCLUSIONS

This is the 4th EM&A Report presenting the EM&A works undertaken during the period from 1 Oct 2023 to 31 Oct 2023 in accordance with the approved EM&A Manual, the requirements under Environmental Permit EP-438/2012/K.

No exceedance of the Action and Limit Levels of the construction noise was recorded during the reporting period.

No exceedance of the Action and Limit Levels of construction dust monitoring was recorded during the reporting period.

No non-compliance event was recorded during the reporting period.

No environmental complaint was received during this reporting period, and one environmental complaint was received during last reporting period. The date of complaint was 22 September 2023, and was referred to the contractor by EPD on 28 September 2023. ET's investigation has been completed, and the investigation report is included in **Appendix M**.

No summon or prosecution was received during the reporting period.

The Contractor has implemented possible and feasible mitigation measures to mitigate the potential environmental impacts during construction. The Contractor's ET will continue to keep track of the EM&A programme to ensure compliance of environmental requirements and the effectiveness and efficiency of the mitigation measures implemented. If necessary, the Contractor will provide more mitigation measures to further alleviate the impacts.

# APPENDIX A SITE LAYOUT PLAN FOR THE WORKS CONTRACT

**Legend**

Site Boundary

N

W1 - Near SUW Station Exit

H2 - Near Pak Tai Street

0 25 50 75 100 m

Appendix A

# Site Layout Plan for the Works Contract No. 11286

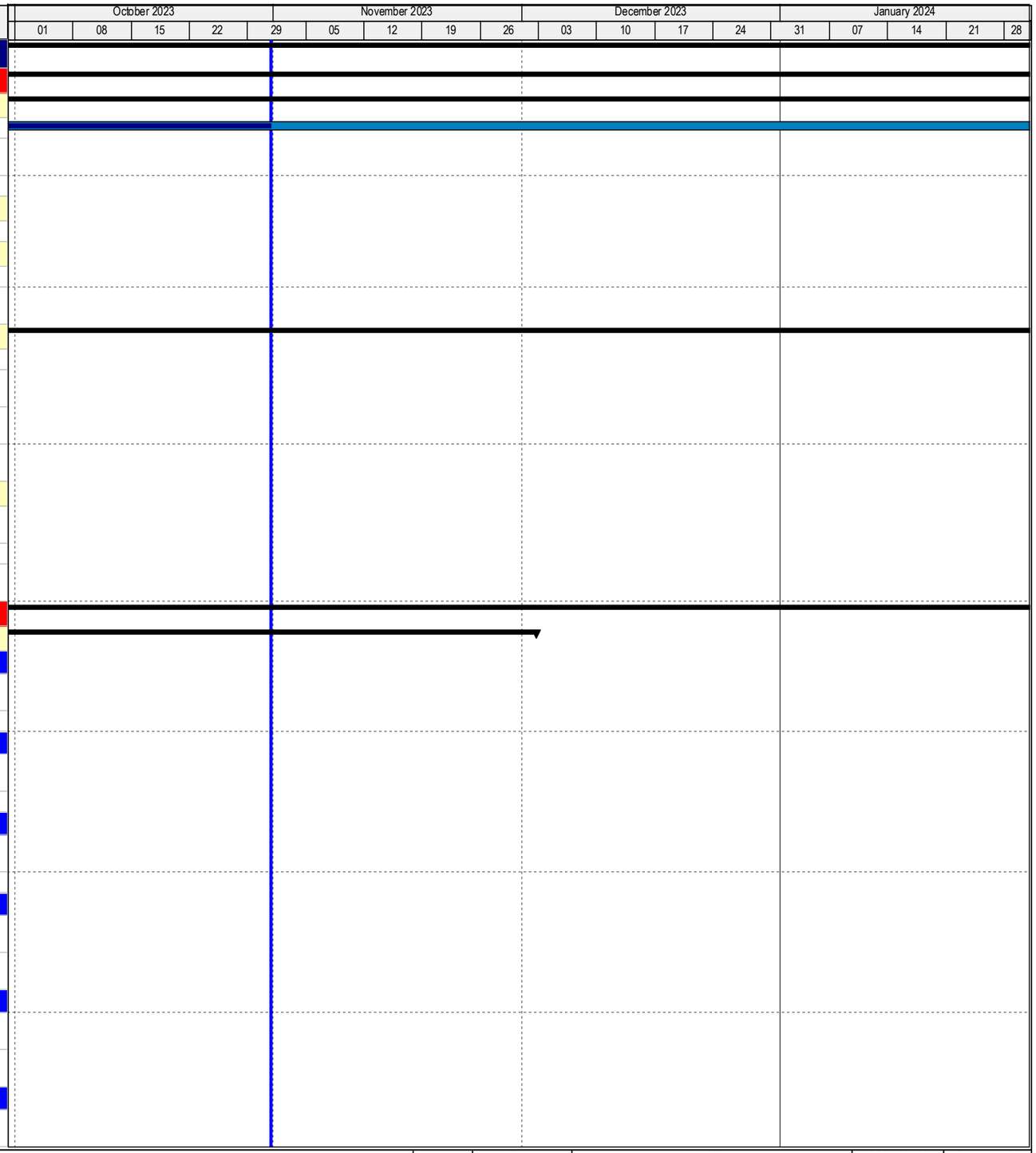
File: P:\Projects\0699635 Paul Y SCL C11286 ET.CH\08 GIS\11286.qgz
Date: 8/7/2023

**Environmental Resources Management**

ERM

# APPENDIX B CONSTRUCTION PROGRAMME FOR THE REPORTING MONTH AND COMING MONTHS

| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| **CONTRACT NO. 11286 Revised Programme for Accepta** | | 700 | 12-Jun-23 A | 31-May-26 | | 0 |
| **CONTRACT DATES** | | 942 | 12-Jun-23 A | 31-May-26 | | 0 |
| **The Whole of the Works** | | 942 | 12-Jun-23 A | 31-May-26 | | 0 |
| 11286-#PD-01010 | Duration for the whole of the Works (36-Months) | 881 | 12-Jun-23 A | 30-Mar-26 | 0% | 29 |
| 11286-#PD-01030 | COMPLETION DATE for the whole of the Works (31-May-2026) | 0 | | 31-May-26* | 0% | 0 |
| 11286-#PD-01000 | STARTING DATE (12 June 2023) | 0 | 12-Jun-23 A | | 100% | |
| **Sectional Completion** | | 0 | 29-Mar-26 | 29-Mar-26 | | 0 |
| 11286-#PD-01020 | SECTIONAL COMPLETION of the Works (29-Mar-2026) | 0 | | 29-Mar-26* | 0% | 0 |
| **Planned Completion (Based on Contract Date)** | | 60 | 29-Jan-26 | 30-Mar-26 | | 29 |
| 11286-#PD-01040 | (OPTIMISED) SECTIONAL COMPLETION of the Works | 0 | | 29-Jan-26* | 0% | -5 |
| 11286-#PD-01050 | (OPTIMISED) COMPLETION DATE for the whole of the Works | 0 | | 30-Mar-26 | 0% | 29 |
| **Works Area Possession / Access date / Vacation Date** | | 0 | 12-Jun-23 A | 29-Jan-26 | | 28 |
| 11286-#PD-01090 | Vacation Date for Works Area (11286.W1, H1 & H2) | 0 | | 29-Jan-26 | 0% | 28 |
| 11286-#PD-01060 | Access Date to Works Area 11286.W1 (Sung Wong Toi Station) | 0 | 12-Jun-23 A | | 100% | |
| 11286-#PD-01070 | Access Date to Works Area 11286.H1 (At FootBridge Location / Olympic Avenue) | 0 | 12-Jun-23 A | | 100% | |
| 11286-#PD-01080 | Access Date to Works Area 11286.H2 (Pak Tai Street) and Subject to All Statutory Approvals | 0 | 25-Jul-23 A | | 100% | |
| **Planned Schedule of Power-On Date** | | 60 | 20-Jul-25 | 17-Sep-25 | | -3 |
| 11286-#PO-01250 | (1-Month) Notice to CLP / MTR for Permanent Power Connection | 30 | 20-Jul-25 | 18-Aug-25 | 0% | -3 |
| 11286-#PO-01260 | Approach Lobby (E&M Plant Room) - Power-On Date | 0 | | 17-Sep-25 | 0% | -3 |
| 11286-#PO-01255 | Permanent Power Connection @ Approach Concourse Elec Equipt Room (By CLP) | 30 | 19-Aug-25 | 17-Sep-25 | 0% | -3 |
| **Cost Centre A: PRELIMINARIES, EDOC and STATUTORY SUBMISS** | | 680 | 12-Jun-23 A | 05-May-26 | | 20 |
| **Management Plan Submission Schedule** | | 25 | 12-Jun-23 A | 02-Dec-23 | | 675 |
| ***Noise Management Plan (NMP) (Ref: S205.4.5/GS G5.7.1)*** | | 0 | 09-Aug-23 A | 16-Aug-23 A | | |
| 11286-#MP-01270 | Prepare & Submit Noise Management Plan (Start within 4-weeks) | 0 | 09-Aug-23 A | 09-Aug-23 A | 100% | |
| 11286-#MP-01280 | PM Review & Approve Noise Management Plan | 0 | 09-Aug-23 A | 16-Aug-23 A | 100% | |
| ***Environmental Management Plan (Ref: S270.1)*** | | 0 | 12-Jul-23 A | 15-Aug-23 A | | |
| 11286-#MP-01290 | Prepare & Submit Environmental Management Plan (Start within 4-weeks) | 0 | 12-Jul-23 A | 15-Aug-23 A | 100% | |
| 11286-#MP-01300 | PM Review & Approve Environmental Management Plan | 0 | 08-Aug-23 A | 15-Aug-23 A | 100% | |
| ***Air Quality Management Plan (AQMP) (Ref: S205.8.22/GS G5.4.1)*** | | 0 | 13-Jul-23 A | 16-Aug-23 A | | |
| 11286-#MP-01310 | Prepare & Submit Air Quality Management Plan (Start within 4-weeks) | 0 | 13-Jul-23 A | 09-Aug-23 A | 100% | |
| 11286-#MP-01320 | PM Review & Approve Air Quality Management Plan | 0 | 09-Aug-23 A | 16-Aug-23 A | 100% | |
| ***Risk Management Plan (Ref: S260.4/S503.2/S510.1.1)*** | | 0 | 23-Jun-23 A | 26-Jul-23 A | | |
| 11286-#MP-01330 | Prepare and Submit Project Risk Management Plan (Start within 1-week) | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |
| 11286-#MP-01340 | PM Review and Acceptance of Project Risk Management Plan | 0 | 26-Jun-23 A | 26-Jul-23 A | 100% | |
| ***C&D Material Management Plan (Ref: S270.6)*** | | 0 | 16-Jun-23 A | 20-Jul-23 A | | |
| 11286-#MP-01400 | EPD (L&D Group): Solid, C&D, Construction Waste Disposal application (Start within 4-weeks) | 0 | 16-Jun-23 A | 20-Jul-23 A | 100% | |
| 11286-#MP-01410 | EPD (L&D Group): Engineer Review & Approve of Solid, C&D Materials application | 0 | 16-Jun-23 A | 20-Jul-23 A | 100% | |
| ***Programme Management Plan (Ref: S503.1)*** | | 0 | 23-Jun-23 A | 26-Jun-23 A | | |
| 11286-#MP-01420 | Prepare & Submit 1st Contractor Programme to PM (Start ASAP) | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |




◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
| | | | |
| | | | |
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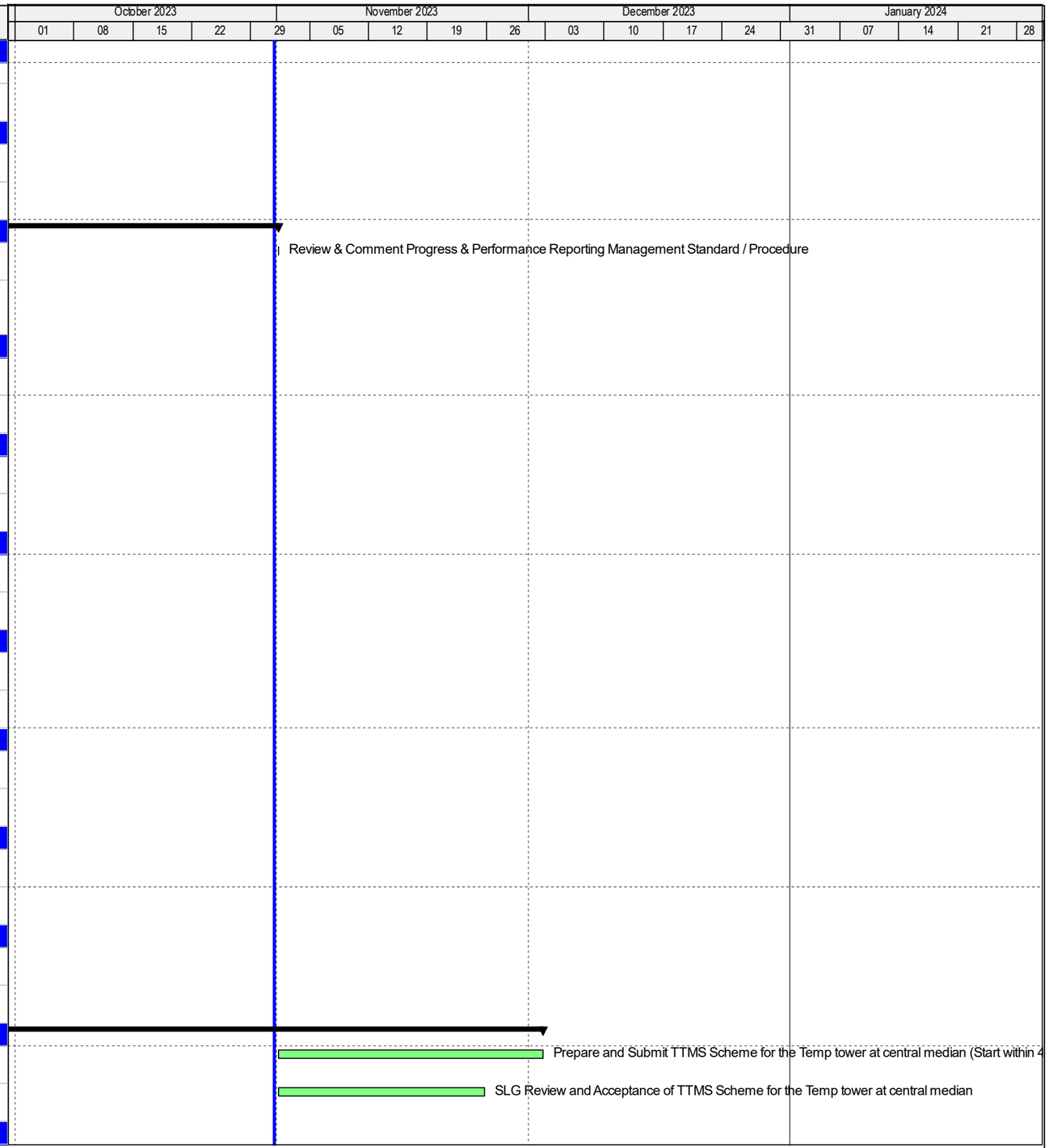
| | | | |
| | | | |

| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| ***Performance Measurement Baseline (Ref: S510.1.1.1/S530)*** | | 0 | 20-Jun-23 A | 18-Aug-23 A | | |
| 11286-#MP-01490 | Review & Comment Performance Measurement BaseLine | 0 | 20-Jun-23 A | 18-Aug-23 A | 100% | |
| 11286-#MP-01480 | Prepare & Submit Performance Measurement BaseLine to PM (Start within 1-week) | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |
| ***Cash Flow - Aligned with Plannned Payment in the Activity Schedu*** | | 0 | 12-Jun-23 A | 26-Jun-23 A | | |
| 11286-#MP-01520 | Review & Comment Cash Flow - Alignment with Planned Payment | 0 | 12-Jun-23 A | 19-Jun-23 A | 100% | |
| 11286-#MP-01510 | Prepare & Submit Cash Flow - Alignment with Planned Payment to PM (Start within 1-week) | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |
| ***Contractors Progress and Performance Reporting Management Sta*** | | 0 | 23-Jun-23 A | 01-Nov-23 | | 53 |
| 11286-#MP-01550 | Review & Comment Progress & Performance Reporting Management Standard / Procedure | 0 | 22-Aug-23 A | 01-Nov-23 | 100% | 53 |
| 11286-#MP-01540 | Prepare & Submit Contractors Progress & Performance Reporting Management Standard/Procedure to PM (Start within 1-week) | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |
| ***Contractor's Risk Management Standard / Proceedure (Ref: S510.1.*** | | 0 | 23-Jun-23 A | 26-Jul-23 A | | |
| 11286-#MP-01570 | Prepare and Submit Contractors Risk Management Plan (Start within 1-week) | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |
| 11286-#MP-01580 | PM Review and Acceptance of Contractors Risk Management Plan | 0 | 11-Jul-23 A | 26-Jul-23 A | 100% | |
| ***Sub-Contract Management Plan (Ref: S1205.1.1)*** | | 0 | 12-Jul-23 A | 25-Jul-23 A | | |
| 11286-#MP-01610 | Prepare and Submit Sub-Contractors Management Plan (Start within 4-weeks) | 0 | 12-Jul-23 A | 13-Jul-23 A | 100% | |
| 11286-#MP-01620 | Review and Acceptance of Sub-Contractor's Management Plan | 0 | 13-Jul-23 A | 25-Jul-23 A | 100% | |
| ***Environmental Monitoring & Audit Manual (Ref: S205.8.11)*** | | 0 | 13-Jul-23 A | 16-Aug-23 A | | |
| 11286-#MP-01640 | Prepare and Submit Environmental Monitoring & Audit Manual (Start within 4-weeks) | 0 | 13-Jul-23 A | 08-Aug-23 A | 100% | |
| 11286-#MP-01650 | PM Review and Acceptance of Environmental Monitoring & Audit Manual | 0 | 13-Jul-23 A | 16-Aug-23 A | 100% | |
| ***Water Pollution Control & Monitoring Measures (Ref: S205.8.29)*** | | 0 | 10-Jul-23 A | 16-Aug-23 A | | |
| 11286-#MP-01670 | Prepare and Submit Water Pollution Control & Monitoring Measure (Start within 4-weeks) | 0 | 10-Jul-23 A | 10-Aug-23 A | 100% | |
| 11286-#MP-01680 | PM Review and Acceptance of Water Pollution Control & Monitoring Measure | 0 | 10-Jul-23 A | 16-Aug-23 A | 100% | |
| ***Implementation Schedule of Environmental Mitigation Measures (R*** | | 0 | 10-Jul-23 A | 16-Aug-23 A | | |
| 11286-#MP-01690 | Prepare and Submit Schedule of Environmental Mitigation Measures (Start within 4-weeks) | 0 | 08-Aug-23 A | 15-Aug-23 A | 100% | |
| 11286-#MP-01700 | PM Review and Acceptance of Schedule of Environmental Mitigation Measures | 0 | 10-Jul-23 A | 16-Aug-23 A | 100% | |
| ***Method Statement of Site Investigation Works to Determine Underg*** | | 0 | 06-Jul-23 A | 07-Jul-23 A | | |
| 11286-#MP-01710 | Prepare and Submit Method Statement of Site Investigation Works to Determine UG Obstruction (Start within 2-weeks) | 0 | 06-Jul-23 A | 06-Jul-23 A | 100% | |
| 11286-#MP-01720 | PM Review and Acceptance of Method Statement of Site Investigation Works to Determine UG Obstruction | 0 | 07-Jul-23 A | 07-Jul-23 A | 100% | |
| ***Method Statement for food protection and mitigation (Ref: S225.6.3*** | | 0 | 15-Jul-23 A | 11-Aug-23 A | | |
| 11286-#MP-01730 | Prepare and Submit Method Statement for food protection and mitigation (Start within 4-weeks) | 0 | 15-Jul-23 A | 18-Jul-23 A | 100% | |
| 11286-#MP-01740 | PM Review and Acceptance of Method Statement for food protection and mitigation | 0 | 18-Jul-23 A | 11-Aug-23 A | 100% | |
| ***TTMS Scheme for the Whole of the Works to be submitted (Ref: S2*** | | 28 | 22-Aug-23 A | 02-Dec-23 | | 734 |
| 11286-#MP-01750 | Prepare and Submit TTMS Scheme for the Temp tower at central median (Start within 4-weeks) | 28 | 22-Aug-23 A | 02-Dec-23 | 0% | 734 |
| 11286-#MP-01760 | SLG Review and Acceptance of TTMS Scheme for the Temp tower at central median | 22 | 22-Aug-23 A | 25-Nov-23 | 0% | 93 |
| ***Initial Site Survey to be completed & submit to PM (Ref: S245.9.3 &*** | | 0 | 28-Jun-23 A | 20-Jul-23 A | | |




◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

# MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station

# 3 Months Rolling Programme (DD: 31 Oct 2023)

## (based on Revised Programme for Acceptance (Oct-23))



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
| | | | |
| | | | |
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| | | | |
| | | | |
| | | | |

| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-#MP-01770 | Prepare and Submit Initial Site Survey to PM for review & comments (within 14 days of completing the Survey) | 0 | 28-Jun-23 A | 20-Jul-23 A | 100% | |
| 11286-#MP-01780 | PM Review and Acceptance of Initial Site Survey | 0 | | 20-Jul-23 A | 100% | |
| ***Preliminary Design Programme to be Submitted & Schedule Desigr*** | | 0 | 30-Sep-23 A | 30-Sep-23 A | | |
| 11286-#MP-01790 | Prepare and Submit Preliminary Design Programme to be Submitted & Schedule Design (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-#MP-01800 | PM Review & Acceptance of Preliminary Design Programme Schedule (Not use) | 0 | | 30-Sep-23 A | 100% | |
| ***Construction Health & Safety Plan (Ref: S320.1.3)*** | | 0 | 23-Jun-23 A | 09-Aug-23 A | | |
| 11286-#MP-01820 | HSP - Prepare & Submit Health & Safety Plan | 0 | 23-Jun-23 A | 11-Jul-23 A | 100% | |
| 11286-#MP-01880 | HSP - PM Review & Approve Health & Safety Plan | 0 | 21-Jul-23 A | 09-Aug-23 A | 100% | |
| ***Digital Construction Site Management System (DCSMS) (Ref: S815.*** | | 21 | 28-Jun-23 A | 24-Nov-23 | | 32 |
| 11286-#MP-01940 | Establish,Training and Trials of Digital Construction Site Management System | 21 | 06-Sep-23 A | 24-Nov-23 | 0% | 32 |
| 11286-#MP-01930 | Prepare & Submit Digital Construction Site Management System Plan | 0 | 28-Jun-23 A | 10-Jul-23 A | 100% | |
| ***System Assurance Plan (Ref: S825.3.1)*** | | 0 | 03-Jul-23 A | 14-Sep-23 A | | |
| 11286-#MP-01950 | Prepare & Submit System Assurance Plan to PM for review & comments | 0 | 03-Jul-23 A | 13-Jul-23 A | 100% | |
| 11286-#MP-01960 | PM Review and Acceptance of System Assurance Plan | 0 | 13-Jul-23 A | 14-Sep-23 A | 100% | |
| **Design, Review and Approvals** | | 248 | 28-Jun-23 A | 31-Aug-24 | | 514 |
| ***Temporary Works Design (Required BD Submission)*** | | 145 | 28-Jun-23 A | 29-Apr-24 | | 617 |
| **PM Office Design Submission and Approvals** | | 0 | 28-Jun-23 A | 01-Nov-23 | | 762 |
| 11286-DES-01970 | PM Office Design - Prepare BA18 and Submit ICE Check | 0 | 28-Jun-23 A | 01-Nov-23 | 0% | 762 |
| 11286-DES-01990 | PM Office Design - PY Revised and Re-submit (Not use) | 0 | 22-Aug-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02000 | PM Office Design - MTR (2nd) Review (Not use) | 0 | 22-Aug-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02020 | PM Office Design - BD Review and Consultation (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-01980 | PM Office Design - MTR (1st) Review & PY Revised and Re-submit | 0 | 22-Aug-23 A | 22-Aug-23 A | 100% | |
| 11286-DES-02010 | PM Office Design - MTR Endorsement for BD Submission (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **Approach Lobby - Concourse Hoarding Design Submission and Approvals** | | 98 | 18-Dec-23 | 20-Apr-24 | | 182 |
| 11286-DES-02030 | Concourse Hoarding Design - Prepare and Submit ICE Check | 21 | 18-Dec-23* | 13-Jan-24 | 0% | 182 |
| 11286-DES-02050 | Concourse Hoarding Design - PY Revised and Re-submit | 7 | 31-Jan-24 | 07-Feb-24 | 0% | 182 |
| 11286-DES-02060 | Concourse Hoarding Design - MTR (2nd) Review | 21 | 08-Feb-24 | 06-Mar-24 | 0% | 182 |
| 11286-DES-02080 | Concourse Hoarding Design - BD Review and Consultation | 28 | 15-Mar-24 | 20-Apr-24 | 0% | 182 |
| 11286-DES-02040 | Concourse Hoarding Design - MTR (1st) Review | 14 | 15-Jan-24 | 30-Jan-24 | 0% | 182 |
| 11286-DES-02070 | Concourse Hoarding Design - MTR Endorsement for BD Submission | 7 | 07-Mar-24 | 14-Mar-24 | 0% | 182 |
| **Approach Lobby - FP2 Diversion Submission and Approvals** | | 91 | 06-Sep-23 A | 21-Feb-24 | | 671 |
| 11286-DES-02090 | FP2 Diversion - Prepare and Submit ICE Check | 21 | 06-Sep-23 A | 24-Nov-23 | 0% | 136 |
| 11286-DES-02110 | FP2 Diversion - PY Revised and Re-submit | 7 | 12-Dec-23 | 19-Dec-23 | 0% | 136 |
| 11286-DES-02120 | FP2 Diversion - MTR (2nd) Review | 14 | 20-Dec-23 | 08-Jan-24 | 0% | 671 |
| 11286-DES-02140 | FP2 Diversion - BD Review and Consultation | 28 | 17-Jan-24 | 21-Feb-24 | 0% | 671 |
| 11286-DES-02100 | FP2 Diversion - MTR (1st) Review | 14 | 25-Nov-23 | 11-Dec-23 | 0% | 136 |
| 11286-DES-02130 | FP2 Diversion - MTR Endorsement for BD Submission | 7 | 09-Jan-24 | 16-Jan-24 | 0% | 671 |
| **Entrance C - Hoarding Plan Submission and Approvals** | | 57 | 28-Jun-23 A | 09-Jan-24 | | 0 |
| 11286-DES-02150 | Hoarding Plan (Entrance C) - Prepare and Submit ICE Check | 1 | 28-Jun-23 A | 01-Nov-23 | 0% | 0 |
| 11286-DES-02170 | Hoarding Plan (Entrance C) - PY Revised and Re-submit | 7 | 02-Nov-23 | 09-Nov-23 | 0% | 0 |
| 11286-DES-02180 | Hoarding Plan (Entrance C) - MTR (2nd) Review | 14 | 10-Nov-23 | 25-Nov-23 | 0% | 0 |
| 11286-DES-02160 | Hoarding Plan (Entrance C) - MTR (1st) Review | 0 | 02-Nov-23 | 02-Nov-23 | 0% | 0 |
| 11286-DES-02190 | Hoarding Plan (Entrance C) - MTR Endorsement for BD Submission | 7 | 27-Nov-23 | 04-Dec-23 | 0% | 0 |


◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

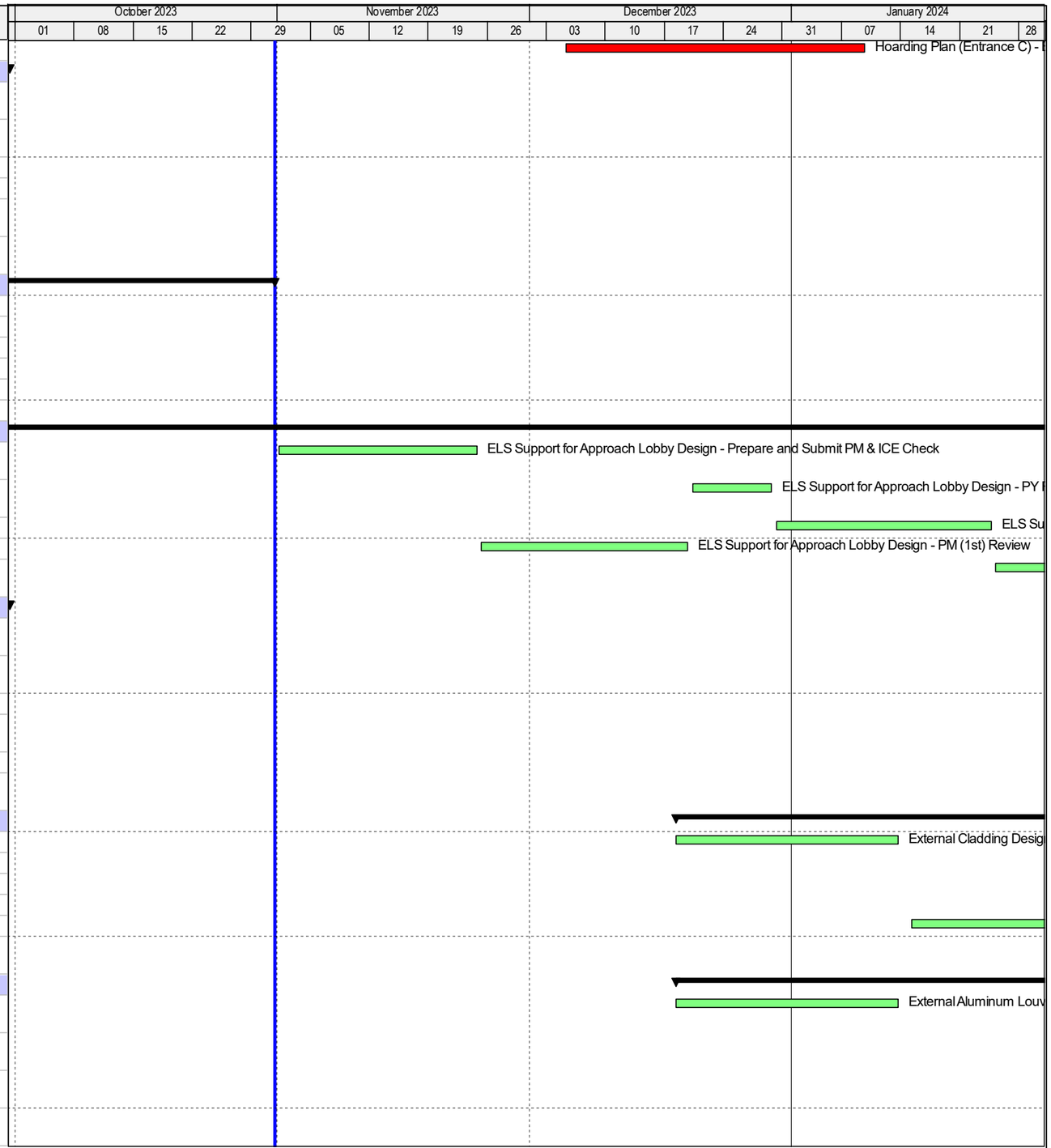
# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-DES-02200 | Hoarding Plan (Entrance C) - BD Review and Consultation | 28 | 05-Dec-23 | 09-Jan-24 | 0% | 0 |
| **Entrance C - Demolition Plan Submission and Approvals** | | 0 | 28-Jun-23 A | 30-Sep-23 A | | |
| 11286-DES-02210 | Entrance C: Demolition Plan - Prepare & Submit ICE Check (Not use) | 0 | 28-Jun-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02230 | Entrance C: Demolition Plan - PY Revised and Re-submit (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02240 | Entrance C: Demolition Plan - MTR (2nd) Review (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02220 | Entrance C: Demolition Plan - MTR (1st) Review (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02250 | Entrance C: Demolition Plan - MTR Endorsement for BD Submission (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02260 | Entrance C: Demolition Plan - BD Review and Consultation (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **ELS (Sheet Piles, Pipepile Walls) & Instrumentation Monitoring Submission &** | | 0 | 28-Jun-23 A | 31-Oct-23 A | | |
| 11286-DES-02270 | ELS - Prepare and Submit PM Check | 0 | 28-Jun-23 A | 28-Jun-23 A | 100% | |
| 11286-DES-02290 | ELS - PY Revised and Re-submit | 0 | 21-Jul-23 A | 23-Aug-23 A | 100% | |
| 11286-DES-02280 | ELS - MTR (1st) review & comments | 0 | 10-Jul-23 A | 19-Jul-23 A | 100% | |
| 11286-DES-02320 | ELS - MTR Endorsement for BD Submission | 0 | 31-Oct-23 A | 31-Oct-23 A | 100% | |
| 11286-DES-02300 | ELS - MTR (2nd) review & comments | 0 | 24-Aug-23 A | 25-Oct-23 A | 100% | |
| 11286-DES-02310 | ELS - BD Review and Consultation | 0 | 31-Oct-23 A | 31-Oct-23 A | 100% | |
| **ELS Support for Approach Lobby Design & ICE Check** | | 77 | 26-Jul-23 A | 01-Feb-24 | | 75 |
| 11286-DES-02330 | ELS Support for Approach Lobby Design - Prepare and Submit PM & ICE Check | 21 | 26-Jul-23 A | 24-Nov-23 | 0% | 75 |
| 11286-DES-02350 | ELS Support for Approach Lobby Design - PY Revised and Re-submit | 7 | 20-Dec-23 | 29-Dec-23 | 0% | 75 |
| 11286-DES-02360 | ELS Support for Approach Lobby Design - PM (2nd) Review | 21 | 30-Dec-23 | 24-Jan-24 | 0% | 75 |
| 11286-DES-02340 | ELS Support for Approach Lobby Design - PM (1st) Review | 21 | 25-Nov-23 | 19-Dec-23 | 0% | 75 |
| 11286-DES-02370 | ELS Support for Approach Lobby Design - PM Endorsement | 7 | 25-Jan-24 | 01-Feb-24 | 0% | 75 |
| **Foundations / Piling Works Design Submission and Approvals** | | 0 | 30-Sep-23 A | 30-Sep-23 A | | |
| 11286-DES-02380 | Foundation / Piling Design - Prepare and Submit ICE Check (No use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02400 | Foundation / Piling Design - PY Revised and Re-submit (No use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02410 | Foundation / Piling Design - MTR (2nd) Review (No use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02430 | Foundation / Piling Design - BD Review and Consultation (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02390 | Foundation / Piling Design - MTR (1st) Review (No use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02420 | Foundation / Piling Design - MTR Endorsement for BD Submission (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **External Cladding (Aluminum / Glass Wall) Design Submission and Approvals** | | 105 | 18-Dec-23 | 29-Apr-24 | | 126 |
| 11286-DES-02440 | External Cladding Design - Prepare and Submit ICE Check | 21 | 18-Dec-23* | 13-Jan-24 | 0% | 126 |
| 11286-DES-02460 | External Cladding Design - PY Revised and Re-submit | 7 | 08-Feb-24 | 19-Feb-24 | 0% | 126 |
| 11286-DES-02470 | External Cladding Design - MTR (2nd) Review | 21 | 20-Feb-24 | 14-Mar-24 | 0% | 126 |
| 11286-DES-02490 | External Cladding Design - BD Review and Consultation | 28 | 23-Mar-24 | 29-Apr-24 | 0% | 126 |
| 11286-DES-02450 | External Cladding Design - MTR (1st) Review | 21 | 15-Jan-24 | 07-Feb-24 | 0% | 126 |
| 11286-DES-02480 | External Cladding Design - MTR Endorsement for BD Submission | 7 | 15-Mar-24 | 22-Mar-24 | 0% | 126 |
| **External Aluminum Louvres / Doors Design Submission and Approvals** | | 105 | 18-Dec-23 | 29-Apr-24 | | 50 |
| 11286-DES-02500 | External Aluminum Louvres, Doors Design - Prepare and Submit ICE Check | 21 | 18-Dec-23* | 13-Jan-24 | 0% | 50 |
| 11286-DES-02520 | External Aluminum Louvres, Doors Design - PY Revised and Re-submit | 7 | 08-Feb-24 | 19-Feb-24 | 0% | 50 |
| 11286-DES-02530 | External Aluminum Louvres, Doors Design - MTR (2nd) Review | 21 | 20-Feb-24 | 14-Mar-24 | 0% | 50 |
| 11286-DES-02550 | External Aluminum Louvres, Doors Design - BD Review and Consultation | 28 | 23-Mar-24 | 29-Apr-24 | 0% | 50 |




◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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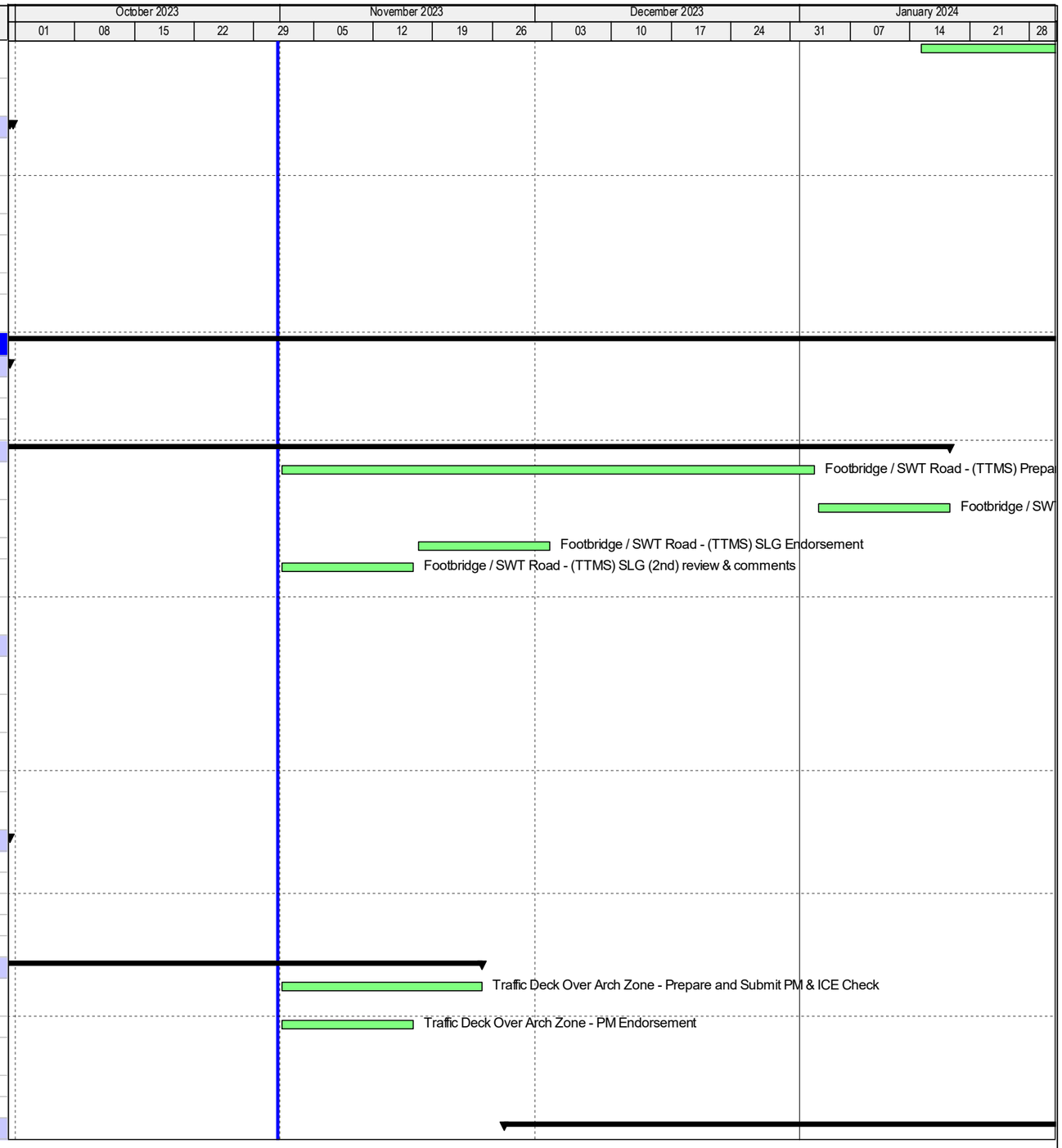
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-DES-02510 | External Aluminum Louvres, Doors Design - MTR (1st) Review | 21 | 15-Jan-24 | 07-Feb-24 | 0% | 50 |
| 11286-DES-02540 | External Aluminum Louvres, Doors Design - MTR Endorsement for BD Submission | 7 | 15-Mar-24 | 22-Mar-24 | 0% | 50 |
| **Civil Drainage Design Submission and Approvals** | | 0 | 30-Sep-23 A | 30-Sep-23 A | | |
| 11286-DES-02560 | Civil Drainage Design - Prepare and Submit ICE Check (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02580 | Civil Drainage Design - PY Revised and Re-submit (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02590 | Civil Drainage Design - MTR (2nd) Review (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02610 | Civil Drainage Design - BD Review and Consultation (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02570 | Civil Drainage Design - MTR (1st) Review (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02600 | Civil Drainage Design - MTR Endorsement for BD Submission (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| ***Temporary Works Design (Non-BD Submission)*** | | 99 | 28-Jun-23 A | 01-Mar-24 | | 663 |
| **CNP Application and Approval** | | 0 | 22-Aug-23 A | 30-Sep-23 A | | |
| 11286-DES-02620 | CNP - Prepare and Submit to PM | 0 | 22-Aug-23 A | 15-Sep-23 A | 100% | |
| 11286-DES-02640 | CNP - PM Endorsement (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02630 | CNP - PM Review & Comments (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **Footbridge - (TTMS) Application and Approval for (Bridge Erection)** | | 65 | 28-Jun-23 A | 18-Jan-24 | | 697 |
| 11286-DES-02650 | Footbridge / SWT Road - (TTMS) Prepare and Submit SLG Check | 51 | 28-Jun-23 A | 02-Jan-24 | 0% | 697 |
| 11286-DES-02660 | Footbridge / SWT Road - (TTMS) SLG (1st) review & comments | 14 | 03-Jan-24 | 18-Jan-24 | 0% | 697 |
| 11286-DES-02690 | Footbridge / SWT Road - (TTMS) SLG Endorsement | 14 | 17-Nov-23 | 02-Dec-23 | 0% | 251 |
| 11286-DES-02680 | Footbridge / SWT Road - (TTMS) SLG (2nd) review & comments | 14 | 01-Nov-23 | 16-Nov-23 | 0% | 251 |
| 11286-DES-02670 | Footbridge / SWT Road - (TTMS) PY Revised and Re-submit (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **Entrance C - (TTMS) Application and Approval** | | 0 | 30-Jun-23 A | 13-Jul-23 A | | |
| 11286-DES-02700 | Entrance C - (TTMS & XP renomination) Prepare and Submit SLG Check | 0 | 06-Jul-23 A | 13-Jul-23 A | 100% | |
| 11286-DES-02720 | Entrance C - (TTMS & XP renomination) PY Revised and Re-submit | 0 | 30-Jun-23 A | 03-Jul-23 A | 100% | |
| 11286-DES-02710 | Entrance C - (TTMS & XP renomination) SLG (1st) review & comments | 0 | 30-Jun-23 A | 03-Jul-23 A | 100% | |
| 11286-DES-02740 | Entrance C - (TTMS & XP renomination) SLG Endorsement | 0 | 03-Jul-23 A | 07-Jul-23 A | 100% | |
| 11286-DES-02730 | Entrance C - (TTMS & XP renomination) SLG (2nd) review & comments | 0 | 30-Jun-23 A | 03-Jul-23 A | 100% | |
| **Excavation Permit Submission and Approval by PM** | | 0 | 10-Jul-23 A | 30-Sep-23 A | | |
| 11286-DES-02750 | Excavation Permit - Prepare and Submit PM Check | 0 | 10-Jul-23 A | 10-Jul-23 A | 100% | |
| 11286-DES-02770 | Excavation Permit - PY Revised and Re-submit (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02780 | Excavation Permit - PM (2nd) review & comments (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02760 | Excavation Permit - PM (1st) review & comments | 0 | 10-Jul-23 A | 10-Jul-23 A | 100% | |
| 11286-DES-02790 | Excavation Permit - PM Endorsement (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **Traffic Deck Over Archeological Zone Design & ICE Check** | | 21 | 04-Sep-23 A | 24-Nov-23 | | 741 |
| 11286-DES-02800 | Traffic Deck Over Arch Zone - Prepare and Submit PM & ICE Check | 21 | 04-Sep-23 A | 24-Nov-23 | 0% | 741 |
| 11286-DES-02840 | Traffic Deck Over Arch Zone - PM Endorsement | 14 | 01-Nov-23 | 16-Nov-23 | 0% | 264 |
| 11286-DES-02820 | Traffic Deck Over Arch Zone - PY Revised and Re-submit (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02830 | Traffic Deck Over Arch Zone - PM (2nd) Review (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02810 | Traffic Deck Over Arch Zone - PM (1st) Review (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **Temporary Bridge Tower Design & ICE Check** | | 77 | 27-Nov-23 | 01-Mar-24 | | 93 |




- Milestone
- Overall Summary Bar
- Sub-Summary Bar
- Critical Bar
- Non-Critical Bar
- Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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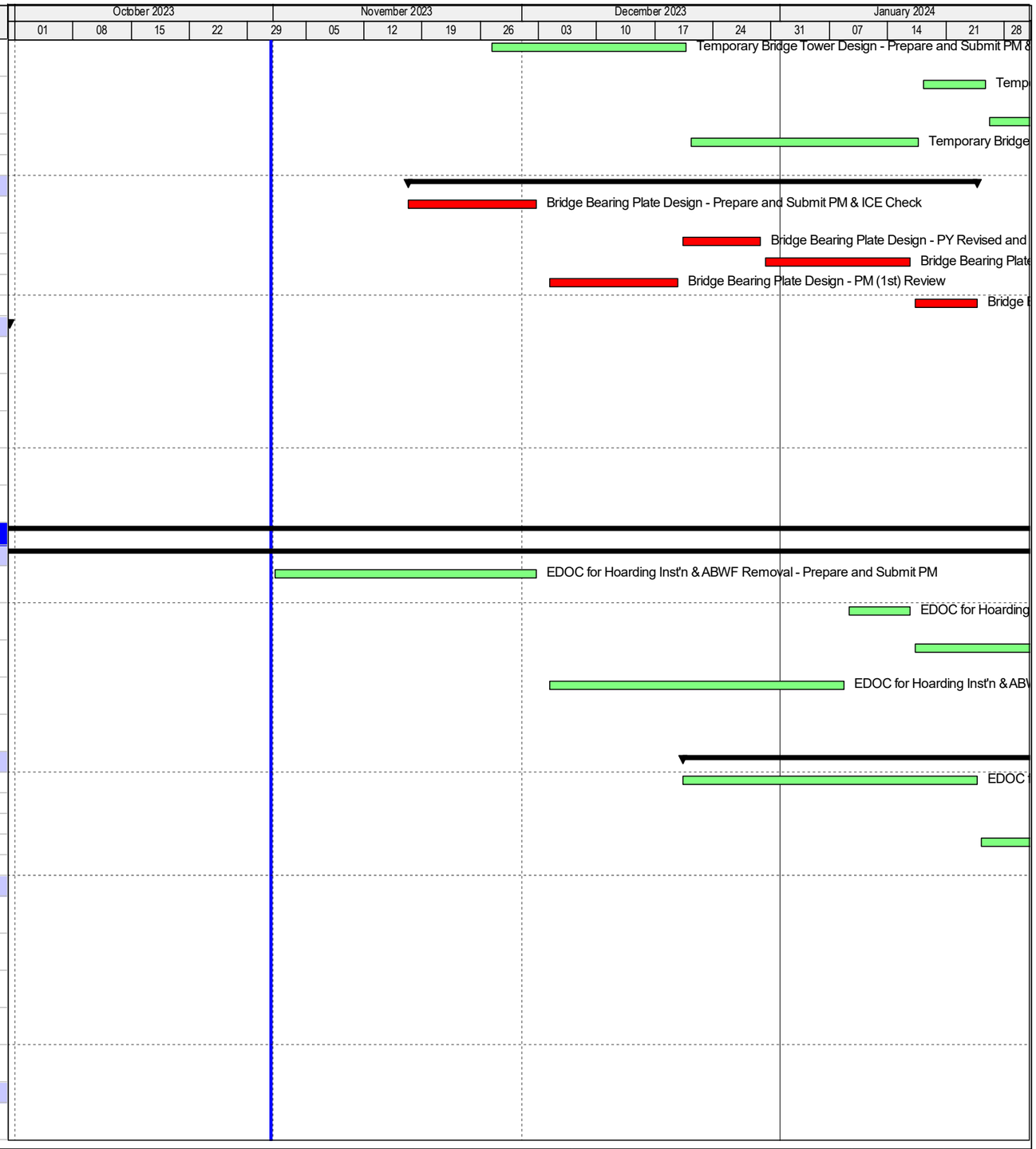
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-DES-02850 | Temporary Bridge Tower Design - Prepare and Submit PM & ICE Check | 21 | 27-Nov-23 | 20-Dec-23 | 0% | 93 |
| 11286-DES-02870 | Temporary Bridge Tower Design - PY Revised and Re-submit | 7 | 18-Jan-24 | 25-Jan-24 | 0% | 93 |
| 11286-DES-02880 | Temporary Bridge Tower Design - PM (2nd) Review | 21 | 26-Jan-24 | 22-Feb-24 | 0% | 93 |
| 11286-DES-02860 | Temporary Bridge Tower Design - PM (1st) Review | 21 | 21-Dec-23 | 17-Jan-24 | 0% | 93 |
| 11286-DES-02890 | Temporary Bridge Tower Design - PM Endorsement | 7 | 23-Feb-24 | 01-Mar-24 | 0% | 93 |
| **Bridge Bearing Plate Design & ICE Check** | | 56 | 17-Nov-23 | 24-Jan-24 | | -2 |
| 11286-DES-02900 | Bridge Bearing Plate Design - Prepare and Submit PM & ICE Check | 14 | 17-Nov-23 | 02-Dec-23 | 0% | -2 |
| 11286-DES-02920 | Bridge Bearing Plate Design - PY Revised and Re-submit | 7 | 20-Dec-23 | 29-Dec-23 | 0% | -2 |
| 11286-DES-02930 | Bridge Bearing Plate Design - PM (2nd) Review | 14 | 30-Dec-23 | 16-Jan-24 | 0% | -2 |
| 11286-DES-02910 | Bridge Bearing Plate Design - PM (1st) Review | 14 | 04-Dec-23 | 19-Dec-23 | 0% | -2 |
| 11286-DES-02940 | Bridge Bearing Plate Design - PM Endorsement | 7 | 17-Jan-24 | 24-Jan-24 | 0% | -2 |
| **Bridge Assembly Trestle Design & ICE Check + Testing** | | 0 | 30-Sep-23 A | 30-Sep-23 A | | |
| 11286-DES-02950 | Bridge Assembly Trestle Design - Prepare and Submit PM & ICE Check (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02970 | Bridge Assembly Trestle Design - PY Revised and Re-submit (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02980 | Bridge Assembly Trestle Design - PM (2nd) Review (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02960 | Bridge Assembly Trestle Design - PM (1st) Review (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-DES-02990 | Bridge Assembly Trestle Design - PM Endorsement (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| ***EDOC Submission and Approval*** | | 248 | 25-Aug-23 A | 31-Aug-24 | | 333 |
| **Hoarding Installation & ABWF Removal** | | 103 | 25-Aug-23 A | 06-Mar-24 | | 217 |
| 11286-DES-03000 | EDOC for Hoarding Inst'n & ABWF Removal - Prepare and Submit PM | 28 | 25-Aug-23 A | 02-Dec-23 | 0% | 217 |
| 11286-DES-03020 | EDOC for Hoarding Inst'n & ABWF Removal - PY Revised and Re-submit | 7 | 09-Jan-24 | 16-Jan-24 | 0% | 217 |
| 11286-DES-03030 | EDOC for Hoarding Inst'n & ABWF Removal - PM (2nd) Review | 28 | 17-Jan-24 | 21-Feb-24 | 0% | 217 |
| 11286-DES-03010 | EDOC for Hoarding Inst'n & ABWF Removal - PM (1st) Review | 28 | 04-Dec-23 | 08-Jan-24 | 0% | 217 |
| 11286-DES-03040 | EDOC for Hoarding Inst'n & ABWF Removal - PM Endorsement | 12 | 22-Feb-24 | 06-Mar-24 | 0% | 217 |
| **Civil Breaktrough (Appoach Lobby / ADIT Area)** | | 103 | 20-Dec-23 | 29-Apr-24 | | 136 |
| 11286-DES-03050 | EDOC for Civil Breaktrough - Prepare and Submit PM | 28 | 20-Dec-23* | 24-Jan-24 | 0% | 136 |
| 11286-DES-03070 | EDOC for Civil Breaktrough - PY Revised and Re-submit | 7 | 01-Mar-24 | 08-Mar-24 | 0% | 136 |
| 11286-DES-03080 | EDOC for Civil Breaktrough - PM (2nd) Review | 28 | 09-Mar-24 | 15-Apr-24 | 0% | 136 |
| 11286-DES-03060 | EDOC for Civil Breaktrough - PM (1st) Review | 28 | 25-Jan-24 | 29-Feb-24 | 0% | 136 |
| 11286-DES-03090 | EDOC for Civil Breaktrough - PM Endorsement | 12 | 16-Apr-24 | 29-Apr-24 | 0% | 136 |
| **BS and E&M System Disconnection** | | 103 | 30-Apr-24 | 31-Aug-24 | | 136 |
| 11286-DES-03100 | EDOC for BS & E&M System Disconnection - Prepare & Submit PM | 28 | 30-Apr-24 | 03-Jun-24 | 0% | 136 |
| 11286-DES-03120 | EDOC for BS & E&M System Disconnection - PY Revised and Re-submit | 7 | 09-Jul-24 | 16-Jul-24 | 0% | 136 |
| 11286-DES-03130 | EDOC for BS & E&M System Disconnection - PM (2nd) Review | 28 | 17-Jul-24 | 17-Aug-24 | 0% | 136 |
| 11286-DES-03110 | EDOC for BS & E&M System Disconnection - PM (1st) Review | 28 | 04-Jun-24 | 08-Jul-24 | 0% | 136 |
| 11286-DES-03140 | EDOC for BS & E&M System Disconnection - PM Endorsement | 12 | 19-Aug-24 | 31-Aug-24 | 0% | 136 |
| **BS and E&M System Connection & Integration** | | 103 | 30-Apr-24 | 31-Aug-24 | | 160 |
| 11286-DES-03150 | EDOC for BS & E&M Sys Connection & Integration - Prepare & Submit PM | 28 | 30-Apr-24 | 03-Jun-24 | 0% | 160 |




◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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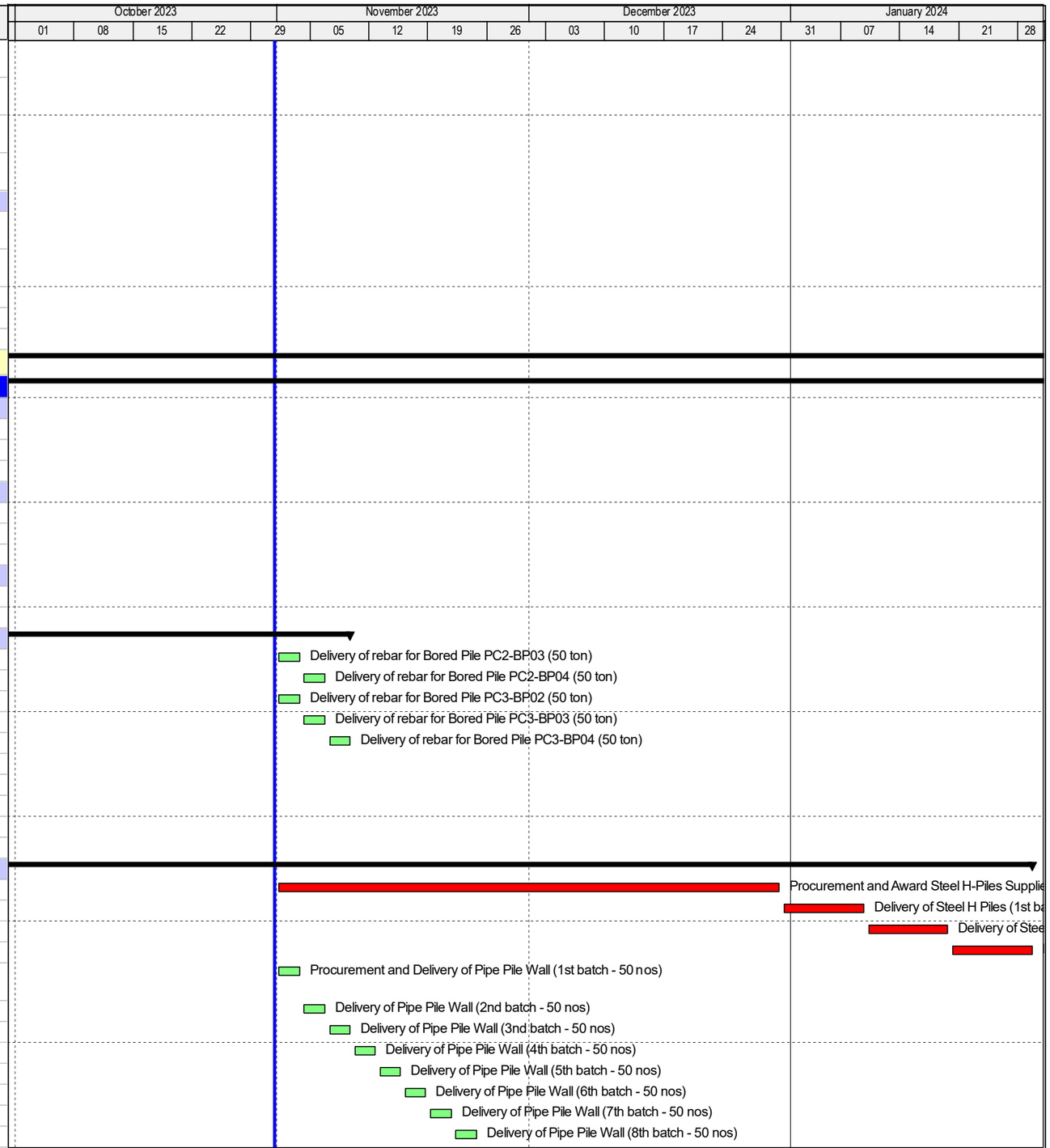
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-DES-03170 | EDOC for BS & E&M Sys Connection & Integration - PY Revised and Re-submit | 7 | 09-Jul-24 | 16-Jul-24 | 0% | 160 |
| 11286-DES-03180 | EDOC for BS & E&M Sys Connection & Integration - PM (2nd) Review | 28 | 17-Jul-24 | 17-Aug-24 | 0% | 160 |
| 11286-DES-03160 | EDOC for BS & E&M Sys Connection & Integration - PM (1st) Review | 28 | 04-Jun-24 | 08-Jul-24 | 0% | 160 |
| 11286-DES-03190 | EDOC for BS & E&M Sys Connection & Integration - PM Endorsement | 12 | 19-Aug-24 | 31-Aug-24 | 0% | 160 |
| **ABWF and Hoarding Removal** | | 103 | 30-Apr-24 | 31-Aug-24 | | 333 |
| 11286-DES-03200 | EDOC for ABWF and Hoarding Removal - Prepare & Submit PM | 28 | 30-Apr-24 | 03-Jun-24 | 0% | 333 |
| 11286-DES-03220 | EDOC for ABWF and Hoarding Removal - PY Revised and Re-submit | 7 | 09-Jul-24 | 16-Jul-24 | 0% | 333 |
| 11286-DES-03230 | EDOC for ABWF and Hoarding Removal - PM (2nd) Review | 28 | 17-Jul-24 | 17-Aug-24 | 0% | 333 |
| 11286-DES-03210 | EDOC for ABWF and Hoarding Removal - PM (1st) Review | 28 | 04-Jun-24 | 08-Jul-24 | 0% | 333 |
| 11286-DES-03240 | EDOC for ABWF and Hoarding Removal - PM Endorsement | 12 | 19-Aug-24 | 31-Aug-24 | 0% | 333 |
| **Procurement, Manufacturing and Delivery, Including Off-Site Fabri** | | 420 | 21-Jul-23 A | 24-Dec-24 | | 522 |
| ***(Major) Civil Procurement, Manufacture and Delivery*** | | 349 | 21-Jul-23 A | 14-Oct-24 | | 593 |
| **Subletting for Rebar Material, Ordering and Delivery** | | 0 | 21-Jul-23 A | 25-Sep-23 A | | |
| 11286-PRC-03670 | Procurement and Placing Order | 0 | 04-Aug-23 A | 11-Aug-23 A | 100% | |
| 11286-PRC-03660 | Procurement and Award Rebar Supplier | 0 | 21-Jul-23 A | 04-Aug-23 A | 100% | |
| 11286-PRC-03680 | Supply and Delivery of Rebars | 0 | 22-Aug-23 A | 25-Sep-23 A | 100% | |
| **Subletting for Concrete Material, Ordering and Schedule Delivery** | | 0 | 21-Jul-23 A | 04-Sep-23 A | | |
| 11286-PRC-03700 | Procurement and Placing Order | 0 | 22-Aug-23 A | 22-Aug-23 A | 100% | |
| 11286-PRC-03690 | Procurement and Award Concrete Supplier | 0 | 21-Jul-23 A | 04-Aug-23 A | 100% | |
| 11286-PRC-03710 | Trail Mix of Concrete | 0 | 22-Aug-23 A | 04-Sep-23 A | 100% | |
| **Subletting for Formworks, Material Ordering and Delivery** | | 0 | 21-Jul-23 A | 18-Aug-23 A | | |
| 11286-PRC-03720 | Procurement and Placing Order | 0 | 21-Jul-23 A | 04-Aug-23 A | 100% | |
| 11286-PRC-03730 | Delivery of Formwork | 0 | 04-Aug-23 A | 18-Aug-23 A | 100% | |
| **Subletting for Bored Pile, Material Ordering Fabrication and Delivery** | | 9 | 01-Aug-23 A | 09-Nov-23 | | 84 |
| 11286-PRC-03753 | Delivery of rebar for Bored Pile PC2-BP03 (50 ton) | 3 | 01-Nov-23 | 03-Nov-23 | 0% | 65 |
| 11286-PRC-03754 | Delivery of rebar for Bored Pile PC2-BP04 (50 ton) | 3 | 04-Nov-23 | 06-Nov-23 | 0% | 87 |
| 11286-PRC-03756 | Delivery of rebar for Bored Pile PC3-BP02 (50 ton) | 3 | 01-Nov-23 | 03-Nov-23 | 0% | 35 |
| 11286-PRC-03757 | Delivery of rebar for Bored Pile PC3-BP03 (50 ton) | 3 | 04-Nov-23 | 06-Nov-23 | 0% | 62 |
| 11286-PRC-03758 | Delivery of rebar for Bored Pile PC3-BP04 (50 ton) | 3 | 07-Nov-23 | 09-Nov-23 | 0% | 84 |
| 11286-PRC-03740 | Procurement and Award Bored Pile Supplier | 0 | 01-Aug-23 A | 12-Sep-23 A | 100% | |
| 11286-PRC-03750 | Delivery of Rebar for Bored Piles | 0 | 25-Sep-23 A | 25-Sep-23 A | 100% | |
| 11286-PRC-03751 | Delivery of rebar for Bored Pile PC2-BP01 (50 ton) | 0 | 28-Sep-23 A | 28-Sep-23 A | 100% | |
| 11286-PRC-03752 | Delivery of rebar for Bored Pile PC2-BP02 (50 ton) | 0 | 28-Sep-23 A | 28-Sep-23 A | 100% | |
| 11286-PRC-03755 | Delivery of rebar for Bored Pile PC3-BP01 (50 ton) | 0 | 28-Sep-23 A | 28-Sep-23 A | 100% | |
| **Subletting for Socket H-Pile, Material Ordering, Fabrication and Delivery** | | 90 | 04-Aug-23 A | 29-Jan-24 | | -4 |
| 11286-PRC-03760 | Procurement and Award Steel H-Piles Supplier | 60 | 04-Aug-23 A | 30-Dec-23 | 0% | -4 |
| 11286-PRC-03770 | Delivery of Steel H Piles (1st batch - 50 nos) | 10 | 31-Dec-23 | 09-Jan-24 | 0% | -4 |
| 11286-PRC-03771 | Delivery of Steel H Piles (2nd batch - 50 nos) | 10 | 10-Jan-24 | 19-Jan-24 | 0% | -4 |
| 11286-PRC-03772 | Delivery of Steel H Piles (Final batch) | 10 | 20-Jan-24 | 29-Jan-24 | 0% | -4 |
| 11286-PRC-03780 | Procurement and Delivery of Pipe Pile Wall (1st batch - 50 nos) | 3 | 01-Nov-23 | 03-Nov-23 | 0% | 18 |
| 11286-PRC-03781 | Delivery of Pipe Pile Wall (2nd batch - 50 nos) | 3 | 04-Nov-23 | 06-Nov-23 | 0% | 18 |
| 11286-PRC-03782 | Delivery of Pipe Pile Wall (3nd batch - 50 nos) | 3 | 07-Nov-23 | 09-Nov-23 | 0% | 18 |
| 11286-PRC-03783 | Delivery of Pipe Pile Wall (4th batch - 50 nos) | 3 | 10-Nov-23 | 12-Nov-23 | 0% | 24 |
| 11286-PRC-03784 | Delivery of Pipe Pile Wall (5th batch - 50 nos) | 3 | 13-Nov-23 | 15-Nov-23 | 0% | 24 |
| 11286-PRC-03785 | Delivery of Pipe Pile Wall (6th batch - 50 nos) | 3 | 16-Nov-23 | 18-Nov-23 | 0% | 24 |
| 11286-PRC-03786 | Delivery of Pipe Pile Wall (7th batch - 50 nos) | 3 | 19-Nov-23 | 21-Nov-23 | 0% | 26 |
| 11286-PRC-03787 | Delivery of Pipe Pile Wall (8th batch - 50 nos) | 3 | 22-Nov-23 | 24-Nov-23 | 0% | 26 |




◆ ◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**

**(7 of 29)**

| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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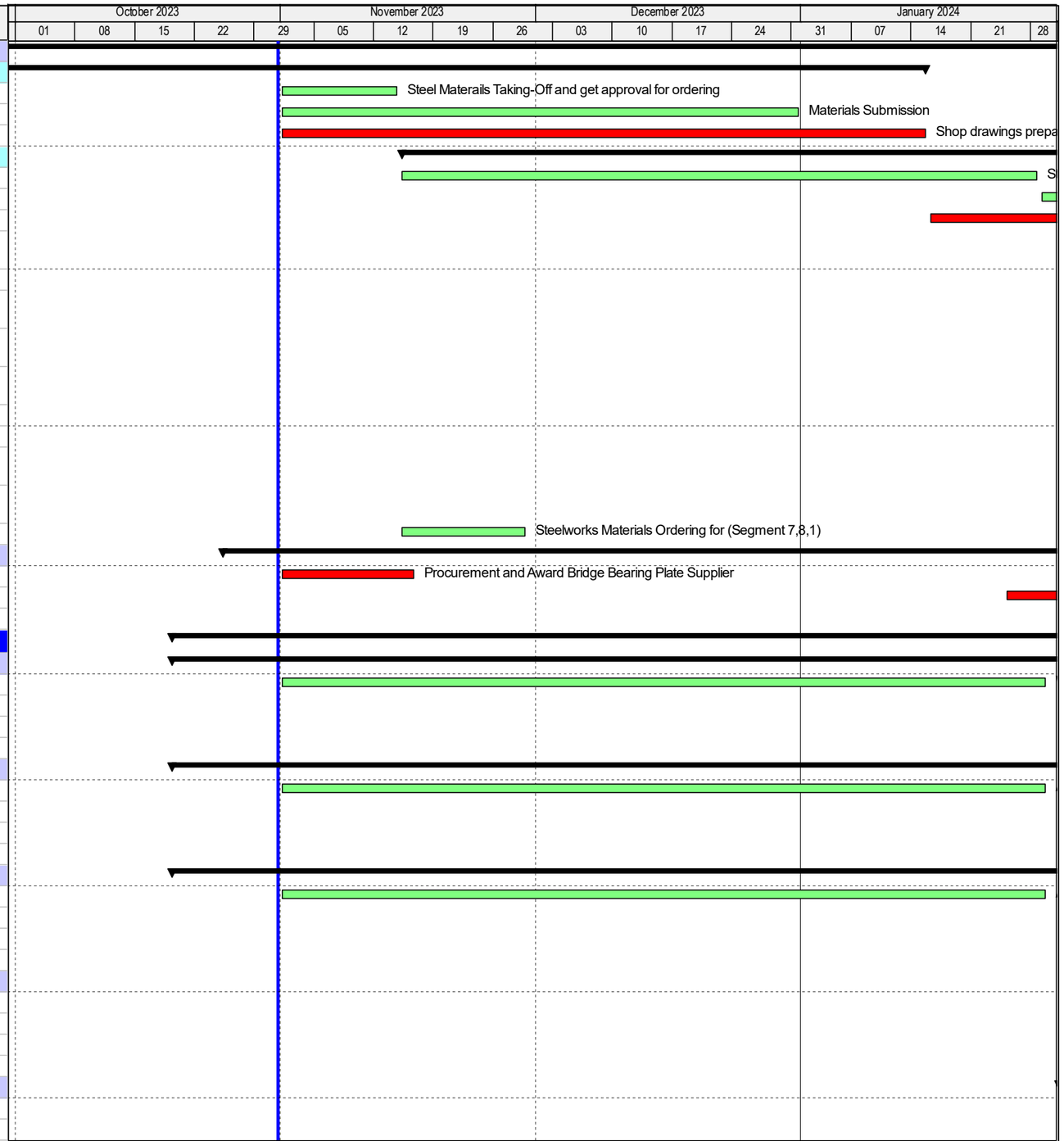
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| **Subletting for Structural Steelworks for FootBridge / Approach Lobby / Entrar** | | 349 | 22-Sep-23 A | 14-Oct-24 | | 593 |
| **Shop Drawings Submission and Approvals** | | 76 | 22-Sep-23 A | 15-Jan-24 | | 851 |
| 11286-PRC-03790 | Steel Materails Taking-Off and get approval for ordering | 14 | 26-Oct-23 A | 14-Nov-23 | 0% | 838 |
| 11286-PRC-03800 | Materials Submission | 61 | 22-Sep-23 A | 31-Dec-23 | 0% | 866 |
| 11286-PRC-03810 | Shop drawings preparation and approval | 76 | 01-Nov-23* | 15-Jan-24 | 0% | -7 |
| **Materials Ordering, Off-Site Fabrication and Delivery** | | 335 | 15-Nov-23 | 14-Oct-24 | | 593 |
| 11286-PRC-03830 | Steelworks Materials Ordering for (Segment 2,3 & 4,5,6) | 75 | 15-Nov-23 | 28-Jan-24 | 0% | 838 |
| 11286-PRC-03840 | Steelworks Materials Testing | 15 | 29-Jan-24 | 12-Feb-24 | 0% | 838 |
| 11286-PRC-03850 | Steelworks Fabrication Drawings | 27 | 16-Jan-24 | 11-Feb-24 | 0% | -7 |
| 11286-PRC-03860 | FootBridge - Steelworks Fabrication for (Segment 3 & 2) (1st batch) | 50 | 12-Feb-24 | 01-Apr-24 | 0% | -7 |
| 11286-PRC-03910 | Steelworks Fabrication for (Approach Lobby & Entrance C) | 90 | 11-Jul-24 | 08-Oct-24 | 0% | -7 |
| 11286-PRC-03870 | FootBridge - Steelworks Delivery to Site for Segment 3 & 2 (1st Batch) | 6 | 02-Apr-24 | 07-Apr-24 | 0% | 207 |
| 11286-PRC-03880 | FootBridge - Steelworks Delivery to Site for Segment 4, 5 & 6 (2nd Batch) | 6 | 22-May-24 | 27-May-24 | 0% | 28 |
| 11286-PRC-03890 | FootBridge - Steelworks Delivery to Site for Segment 7, 8 & 1 (3rd Batch) | 6 | 11-Jul-24 | 16-Jul-24 | 0% | 92 |
| 11286-PRC-03920 | Steelworks Delivery to Site for Approach Lobby (4th Batch) | 6 | 09-Sep-24 | 14-Sep-24 | 0% | 127 |
| 11286-PRC-03930 | Steelworks Delivery to Site for Entracnce C (5th Batch) | 6 | 09-Oct-24 | 14-Oct-24 | 0% | -7 |
| 11286-PRC-03862 | FootBridge - Steelworks Fabrication for (Segment 4, 5 & 6) (2nd batch) | 50 | 02-Apr-24 | 21-May-24 | 0% | -7 |
| 11286-PRC-03864 | FootBridge - Steelworks Fabrication for (Segment 7, 8 & 1) (3rd batch) | 50 | 22-May-24 | 10-Jul-24 | 0% | -7 |
| 11286-PRC-03835 | Steelworks Materials Ordering for (Segment 7,8,1) | 15 | 15-Nov-23 | 29-Nov-23 | 0% | 898 |
| **Bridge Bearing Material Ordering, Fabrication and Delivery** | | 218 | 25-Oct-23 A | 05-Jun-24 | | -2 |
| 11286-PRC-03940 | Procurement and Award Bridge Bearing Plate Supplier | 16 | 25-Oct-23 A | 16-Nov-23 | 0% | -2 |
| 11286-PRC-03950 | Fabrication of Bridge Bearing Plate | 119 | 25-Jan-24 | 22-May-24 | 0% | -2 |
| 11286-PRC-03952 | Delivery of Bridge Bearing Plate to Site | 14 | 23-May-24 | 05-Jun-24 | 0% | -2 |
| ***(Major) ABWF Procurement, Manufacture and Delivery*** | | 420 | 19-Oct-23 A | 24-Dec-24 | | 337 |
| **Subletting for External Glazing / Curtain Wall, Material Ordering and Delivery** | | 294 | 19-Oct-23 A | 20-Aug-24 | | 152 |
| 11286-PRC-03960 | Wndow Glass, Glazed Door: RFQ / Sublet | 90 | 19-Oct-23 A | 29-Jan-24 | 0% | 243 |
| 11286-PRC-03980 | Wndow Glass, Glazed Door: Fabrication | 80 | 12-May-24 | 30-Jul-24 | 0% | 152 |
| 11286-PRC-03970 | Wndow Glass, Glazed Door: PO Issuance and Ordering | 12 | 30-Apr-24 | 11-May-24 | 0% | 152 |
| 11286-PRC-03982 | Wndow Glass, Glazed Door: Delivery | 21 | 31-Jul-24 | 20-Aug-24 | 0% | 152 |
| **Subletting for External Aluminum Wall Cladding, Material Ordering, Fabricatio** | | 264 | 19-Oct-23 A | 21-Jul-24 | | 201 |
| 11286-PRC-03990 | Aluminum Cladding (Wall): RFQ / Sublet | 90 | 19-Oct-23 A | 29-Jan-24 | 0% | 292 |
| 11286-PRC-04010 | Aluminum Cladding (Wall): Fabrication | 50 | 12-May-24 | 30-Jun-24 | 0% | 201 |
| 11286-PRC-04000 | Aluminum Cladding (Wall): PO Issuance and Ordering | 12 | 30-Apr-24 | 11-May-24 | 0% | 201 |
| 11286-PRC-04012 | Aluminum Cladding (Wall): Delivery | 21 | 01-Jul-24 | 21-Jul-24 | 0% | 201 |
| **Subletting for Aluminum Louvre & Doors, Material Ordering, Fabrication and I** | | 403 | 19-Oct-23 A | 07-Dec-24 | | 62 |
| 11286-PRC-04020 | Aluminum Louvre/Grilles: RFQ / Sublet | 90 | 19-Oct-23 A | 29-Jan-24 | 0% | 153 |
| 11286-PRC-04040 | Aluminum Louvre/Grilles Fabrication | 189 | 12-May-24 | 16-Nov-24 | 0% | 62 |
| 11286-PRC-04030 | Aluminum Louvre/Grilles: PO Issuance and Ordering | 12 | 30-Apr-24 | 11-May-24 | 0% | 62 |
| 11286-PRC-04042 | Aluminum Louvre/Grilles Delivery | 21 | 17-Nov-24 | 07-Dec-24 | 0% | 62 |
| **Subletting for Mosaic Wall Tiles, Material Ordering, Fabrication and Delivery** | | 282 | 18-Mar-24 | 24-Dec-24 | | 197 |
| 11286-PRC-04070 | Mosaic Wall Tiles (Wall): Fabrication | 166 | 28-Jun-24 | 10-Dec-24 | 0% | 197 |
| 11286-PRC-04050 | Mosaic Wall Tiles (Wall): RFQ / Sublet | 90 | 18-Mar-24* | 15-Jun-24 | 0% | 197 |
| 11286-PRC-04060 | Mosaic Wall Tiles (Wall): PO Issuance and Ordering | 12 | 16-Jun-24 | 27-Jun-24 | 0% | 197 |
| 11286-PRC-04072 | Mosaic Wall Tiles (Wall): Delivery | 14 | 11-Dec-24 | 24-Dec-24 | 0% | 197 |
| **Subletting for Acoustic Perforated Metal Ceiling, Material Ordering, Fabricatio** | | 282 | 31-Jan-24 | 07-Nov-24 | | 244 |
| 11286-PRC-04100 | Acoustic Perforated Metal Ceiling: Fabrication | 166 | 12-May-24 | 24-Oct-24 | 0% | 244 |
| 11286-PRC-04080 | Acoustic Perforated Metal Ceiling: RFQ / Sublet | 90 | 31-Jan-24* | 29-Apr-24 | 0% | 244 |

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Overall Summary Bar
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Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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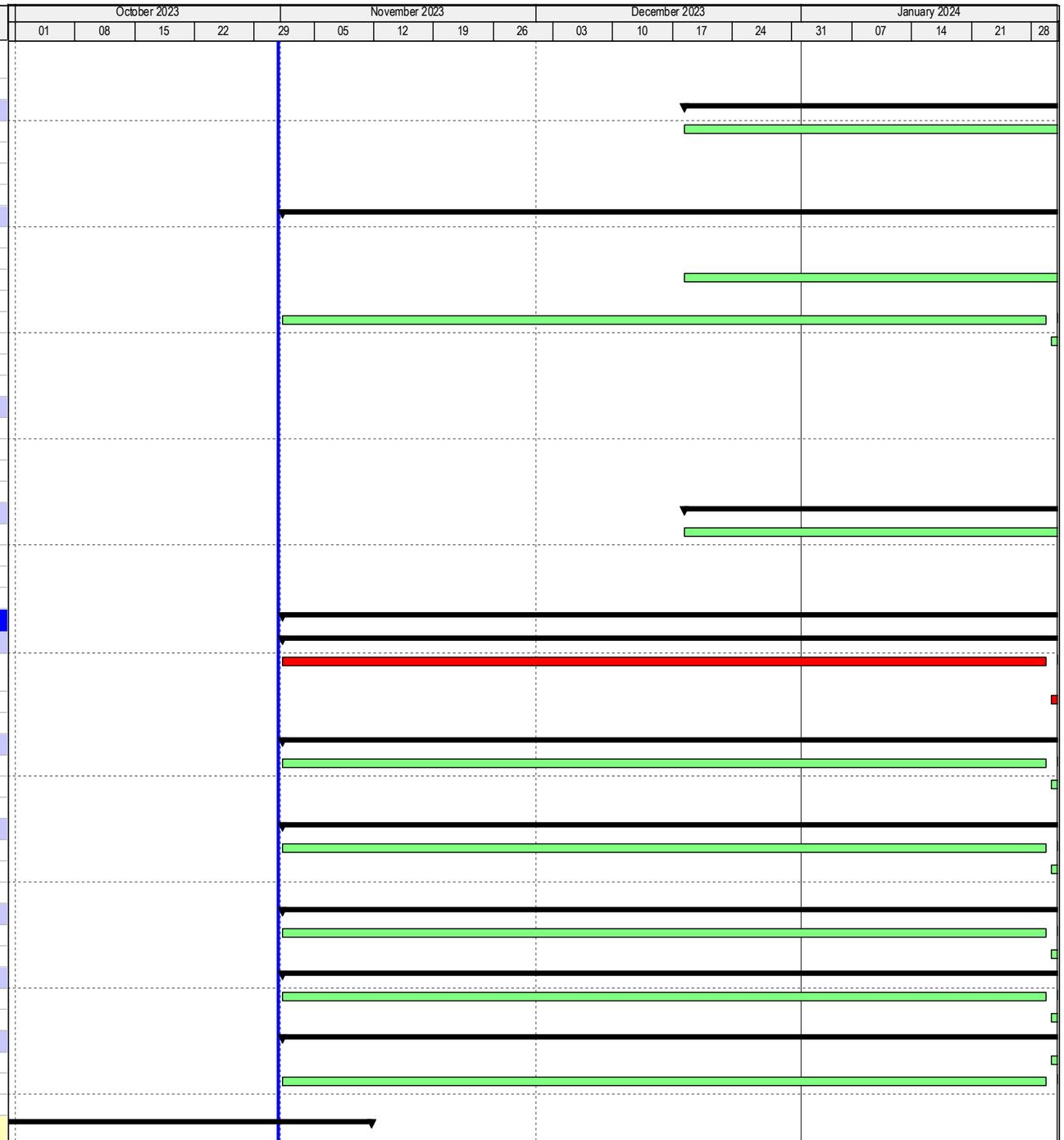
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-PRC-04090 | Acoustic Perforated Metal Ceiling: PO Issuance and Ordering | 12 | 30-Apr-24 | 11-May-24 | 0% | 244 |
| 11286-PRC-04102 | Acoustic Perforated Metal Ceiling: Delivery | 14 | 25-Oct-24 | 07-Nov-24 | 0% | 244 |
| **Subletting for Floor Tile, Ordering, Fabrication and Delivery** | | 328 | 18-Dec-23 | 09-Nov-24 | | 256 |
| 11286-PRC-04110 | Floor Tiles: RFQ / Sublet | 90 | 18-Dec-23* | 16-Mar-24 | 0% | 302 |
| 11286-PRC-04130 | Floor Tiles: Fabrication | 166 | 14-May-24 | 26-Oct-24 | 0% | 256 |
| 11286-PRC-04120 | Floor Tiles: PO Issuance and Ordering | 12 | 02-May-24* | 13-May-24 | 0% | 256 |
| 11286-PRC-04132 | Floor Tiles: Delivery | 14 | 27-Oct-24 | 09-Nov-24 | 0% | 256 |
| **Subletting for Balustrade, Steel Handrills, Material Ordering, Fabrication and I** | | 329 | 01-Nov-23 | 24-Sep-24 | | 428 |
| 11286-PRC-04160 | Doors - Fabrication | 166 | 29-Mar-24 | 10-Sep-24 | 0% | 428 |
| 11286-PRC-04190 | Balustrade - Fabrication | 166 | 11-Feb-24 | 25-Jul-24 | 0% | 332 |
| 11286-PRC-04140 | Doors - RFQ / Sublet | 90 | 18-Dec-23* | 16-Mar-24 | 0% | 428 |
| 11286-PRC-04150 | Doors - PO Issuance and Ordering | 12 | 17-Mar-24 | 28-Mar-24 | 0% | 428 |
| 11286-PRC-04170 | Balustrade - RFQ / Sublet | 90 | 01-Nov-23* | 29-Jan-24 | 0% | 332 |
| 11286-PRC-04180 | Balustrade - PO Issuance and Ordering | 12 | 30-Jan-24 | 10-Feb-24 | 0% | 332 |
| 11286-PRC-04192 | Balustrade - Delivery | 14 | 26-Jul-24 | 08-Aug-24 | 0% | 332 |
| 11286-PRC-04162 | Doors - Delivery | 14 | 11-Sep-24 | 24-Sep-24 | 0% | 428 |
| **Subletting for Internal Paint Finish, Material Ordering, Fabrication and Deliver** | | 282 | 18-Mar-24 | 24-Dec-24 | | 197 |
| 11286-PRC-04200 | Internal Paint System - RFQ / Sublet | 90 | 18-Mar-24* | 15-Jun-24 | 0% | 197 |
| 11286-PRC-04220 | Internal Paint System - Manufacturing | 166 | 28-Jun-24 | 10-Dec-24 | 0% | 197 |
| 11286-PRC-04210 | Internal Paint System - PO Issuance and Ordering | 12 | 16-Jun-24 | 27-Jun-24 | 0% | 197 |
| 11286-PRC-04222 | Internal Paint System - Delivery | 14 | 11-Dec-24 | 24-Dec-24 | 0% | 197 |
| **Subletting for Metalworks and Sundries for ABWF Works** | | 206 | 18-Dec-23 | 10-Jul-24 | | 137 |
| 11286-PRC-04230 | Metalworks and Sundries - RFQ / Sublet | 90 | 18-Dec-23* | 16-Mar-24 | 0% | 137 |
| 11286-PRC-04250 | Metalworks and Sundries - Fabrication | 90 | 29-Mar-24 | 26-Jun-24 | 0% | 137 |
| 11286-PRC-04240 | Metalworks and Sundries - PO Issuance and Ordering | 12 | 17-Mar-24 | 28-Mar-24 | 0% | 137 |
| 11286-PRC-04252 | Metalworks and Sundries - Delivery | 14 | 27-Jun-24 | 10-Jul-24 | 0% | 137 |
| ***Building Services Procurement, Manufacture and Delivery (Long Le*** | | 390 | 01-Nov-23 | 24-Nov-24 | | 288 |
| **Subletting for Plumbing & Drainage (P & D), Material Ordering, Fabrication an** | | 300 | 01-Nov-23 | 26-Aug-24 | | -3 |
| 11286-PRC-04260 | Plumbing & Drainage (P & D) Material - Ordering and PO Issuance | 90 | 01-Nov-23* | 29-Jan-24 | 0% | -3 |
| 11286-PRC-04270 | Plumbing & Drainage (P & D) Material - Fabrication | 189 | 30-Jan-24 | 05-Aug-24 | 0% | -3 |
| 11286-PRC-04272 | Plumbing & Drainage (P & D) Material - Delivery | 21 | 06-Aug-24 | 26-Aug-24 | 0% | -3 |
| **Subletting for ECS (MVAC), Material Ordering, Fabrication and Delivery** | | 300 | 01-Nov-23 | 26-Aug-24 | | 340 |
| 11286-PRC-04280 | ECS (MVAC) Material - Ordering and PO Issuance | 90 | 01-Nov-23* | 29-Jan-24 | 0% | 340 |
| 11286-PRC-04290 | ECS (MVAC) Material - Fabrication | 189 | 30-Jan-24 | 05-Aug-24 | 0% | 340 |
| 11286-PRC-04292 | ECS (MVAC) Material - Delivery | 21 | 06-Aug-24 | 26-Aug-24 | 0% | 340 |
| **Subletting for Electrical, Material Ordering, Fabrication and Delivery** | | 300 | 01-Nov-23 | 26-Aug-24 | | 340 |
| 11286-PRC-04300 | Electrical Materials - Ordering and PO Issuance | 90 | 01-Nov-23* | 29-Jan-24 | 0% | 340 |
| 11286-PRC-04310 | Electrical Materials - Fabrication | 189 | 30-Jan-24 | 05-Aug-24 | 0% | 340 |
| 11286-PRC-04312 | Electrical Materials - Delivery | 21 | 06-Aug-24 | 26-Aug-24 | 0% | 340 |
| **Subletting for Fire Services (FS), Material Ordering, Fabrication and Delivery** | | 300 | 01-Nov-23 | 26-Aug-24 | | 335 |
| 11286-PRC-04320 | Fire Services (FS) Material - Ordering and PO Issuance | 90 | 01-Nov-23* | 29-Jan-24 | 0% | 335 |
| 11286-PRC-04330 | Fire Services (FS) Material - Fabrication | 210 | 30-Jan-24 | 26-Aug-24 | 0% | 335 |
| **Subletting for ELV, Material Ordering, Fabrication and Delivery** | | 300 | 01-Nov-23 | 26-Aug-24 | | 378 |
| 11286-PRC-04340 | ELV Material - Ordering and PO Issuance | 90 | 01-Nov-23* | 29-Jan-24 | 0% | 378 |
| 11286-PRC-04350 | ELV Material - Fabrication | 210 | 30-Jan-24 | 26-Aug-24 | 0% | 378 |
| **Subletting for Lift (2-nos) and Escalators (4-nos), Materials for Building Servic** | | 390 | 01-Nov-23 | 24-Nov-24 | | 149 |
| 11286-PRC-04410 | E&M Lift & Escallators: Fabrication | 279 | 30-Jan-24 | 03-Nov-24 | 0% | 149 |
| 11286-PRC-04400 | E&M Lift & Escallators: Ordering and PO Issuance | 90 | 01-Nov-23* | 29-Jan-24 | 0% | 149 |
| 11286-PRC-04412 | E&M Lift & Escallators: Delivery | 21 | 04-Nov-24 | 24-Nov-24 | 0% | 149 |
| **Office Containers Set-up at Works Area (11286.W1)** | | 10 | 23-Jun-23 A | 11-Nov-23 | | 1 |

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Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-MOB-04430 | Complete Contractors Containers Site Office and ready to move-in | 10 | 03-Jul-23 A | 11-Nov-23 | 0% | 1 |
| 11286-MOB-04420 | Contractors Containers Site Office Set up / Connect Utilities at (Area 11286.W1) | 0 | 23-Jun-23 A | 15-Aug-23 A | 100% | |
| **Project Manager's Staff Accommodation Installation at Works Area** | | 25 | 11-Sep-23 A | 02-Dec-23 | | 675 |
| 11286-MOB-04450 | Construct Project Manager's Staff Office | 28 | 11-Sep-23 A | 02-Dec-23 | 0% | 734 |
| 11286-MOB-04480 | All Complete and ready for Project Manager Staff Accommodation to Move-In | 0 | | 08-Nov-23 | 0% | 72 |
| 11286-MOB-04440 | Approved / Consent Design Project Manager's Staff Office (Area 11286.W1) | 0 | 01-Nov-23 | | 0% | 942 |
| 11286-MOB-04478 | Inspection of Project Manager's Staff Office | 7 | 01-Nov-23 | 08-Nov-23 | 0% | 59 |
| 11286-MOB-04470 | Construct Project Manager's Staff Office (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-MOB-04460 | Construct Project Manager's Staff Office (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **Maintain and Operate Project Managers Accommodation** | | 680 | 26-Jun-23 A | 05-May-26 | | 20 |
| ***Setting-Out / Site Establishment (30% to 50%)*** | | 75 | 26-Jun-23 A | 14-Jan-24 | | 5 |
| 11286-MOB-04490 | Setting-Out / Site Establishment (30% to 50%) | 75 | 26-Jun-23 A | 14-Jan-24 | 5.9% | 5 |
| ***Operation / Maintenance (40% to 60%)*** | | 800 | 15-Jan-24 | 24-Mar-26 | | 5 |
| 11286-MOB-04500 | Operation / Maintenance (40% to 60%) | 800 | 15-Jan-24 | 24-Mar-26 | 0% | 5 |
| ***Removal (10%)*** | | 26 | 31-Mar-26 | 05-May-26 | | 21 |
| 11286-MOB-04510 | Removal / Vacation Date for the Site Works Area (10%) | 26 | 31-Mar-26 | 05-May-26 | 0% | 21 |
| **Provisional Items for PM** | | 713 | 23-Jun-23 A | 27-Mar-26 | | 49 |
| ***Provision of Site Transportation*** | | 712 | 23-Jun-23 A | 26-Mar-26 | | 50 |
| 11286-MOB-04512 | Provision of Site Transportation with Drivers for (Maintain & Operate) | 712 | 28-Jun-23 A | 26-Mar-26 | 0% | 24 |
| 11286-MOB-04511 | Provision of Site Transportation with Drivers (for Establish and Remove) | 0 | 23-Jun-23 A | 01-Nov-23 | 62.6% | 762 |
| ***Provision of Telephone, IT Facilities and PABX System Services*** | | 713 | 27-Jun-23 A | 27-Mar-26 | | 49 |
| 11286-MOB-04514 | Provision of Telephone, IT Facilities and PABX System Services for PM (Maintain & Operate) | 713 | 29-Jun-23 A | 27-Mar-26 | 0% | 23 |
| 11286-MOB-04513 | Provision of Telephone, IT Facilities and PABX System Services for PM (Establish and Remove) | 0 | 27-Jun-23 A | 01-Nov-23 | 30% | 762 |
| ***Provision of Survey Equipment and Facilities*** | | 712 | 26-Jun-23 A | 26-Mar-26 | | 50 |
| 11286-MOB-04516 | Provision of Survey Equipment and Facilities for PM (Maintain and Operate) | 712 | 28-Jun-23 A | 26-Mar-26 | 0% | 24 |
| 11286-MOB-04515 | Provision of Survey Equipment and Facilities for PM (fEstablish and Remove) | 0 | 26-Jun-23 A | 01-Nov-23 | 69.3% | 762 |
| ***Supply, erect and remove on completion - Office, Lab, Cabins, Stor*** | | 712 | 17-Jul-23 A | 26-Mar-26 | | 50 |
| 11286-MOB-04518 | Supply, erect and remove on completion - Office, Lab, Cabins, Store & workshop, Canteen (Maintain and Operate) | 712 | 22-Aug-23 A | 26-Mar-26 | 0% | 24 |
| 11286-MOB-04517 | Supply, erect and remove on completion - Office, Lab, Cabins, Store & workshop, Canteen | 1 | 17-Jul-23 A | 01-Nov-23 | 48% | 761 |
| ***Supply, erect and remove on completion - Electricity & Water Supp*** | | 712 | 26-Jun-23 A | 26-Mar-26 | | 50 |
| 11286-MOB-04520 | Supply, erect & remove on completion - Electricity & Water Supply, Site comm facilities for PM (Maintain and Operate) | 712 | 28-Jun-23 A | 26-Mar-26 | 0% | 24 |
| 11286-MOB-04519 | Supply, erect & remove on completion - Electricity & Water Supply, Site comm facilities for PM | 0 | 26-Jun-23 A | 01-Nov-23 | 97% | 762 |
| ***Provision of General Items - Contractor Requirements - Worker's Ui*** | | 712 | 26-Jun-23 A | 26-Mar-26 | | 24 |
| 11286-MOB-04521 | Provision of General Items - Contractor Requirements - Worker's Uniform & Employment of Trade Worker (BQ A900.2-A900.5) | 712 | 26-Jun-23 A | 26-Mar-26 | 1.2% | 24 |
| ***Provision of General Items - Other Specified Reqiuirements A790.1-*** | | 712 | 28-Jun-23 A | 26-Mar-26 | | 50 |
| 11286-MOB-04523 | Provision of General Items - Other Specified Reqiuirements A790.1-A790.41) for PM (Maintain and Operate) | 712 | 28-Jun-23 A | 26-Mar-26 | 0.9% | 24 |
| 11286-MOB-04522 | Provision of General Items - Other Specified Reqiuirements A790.1-A790.41) for PM (Establish and Remove) | 0 | 28-Jun-23 A | 01-Nov-23 | 92% | 762 |


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**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
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| 31-Oct-23 | 11286 3 months rolling programme | | |
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| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| **Provision of Partnering (S1010.1)** | | 712 | 01-Nov-23 | 26-Mar-26 | | 24 |
| 11286-MOB-04524 | Provision of Partnering (S1010.1) (Completion Date + 52 Weeks) | 712 | 01-Nov-23 | 26-Mar-26 | 0% | 24 |
| **Provision of NEC4 ECC External Facilitator (S1010.2)** | | 712 | 01-Nov-23 | 26-Mar-26 | | 24 |
| 11286-MOB-04525 | Provision of NEC4 ECC External Facilitator (S1010.2) | 712 | 01-Nov-23 | 26-Mar-26 | 0% | 24 |
| **Contractors Superintendence** | | 712 | 23-Jun-23 A | 26-Mar-26 | | 24 |
| 11286-MOB-04526 | Contractors Superintendence | 712 | 23-Jun-23 A | 26-Mar-26 | 2.5% | 24 |
| **Optional Works (By Main Contractor's)** | | 518 | 09-Nov-23 | 14-Oct-25 | | 151 |
| **Option 1: Maintenance and Operation of Hung Hom Site Office (HU** | | 518 | 09-Nov-23 | 09-Apr-25 | | 194 |
| 11286-MOB-04527 | Maintenance and Operation of Hung Hom Site Office (HUHSO) (17-Months) | 518 | 09-Nov-23 | 09-Apr-25 | 0% | 194 |
| **Option 2: Demolition of HUHSO and Subsequent Reinstatement** | | 152 | 10-Apr-25 | 14-Oct-25 | | 157 |
| 11286-MOB-04528 | Removal of of (HUHSO) Site Office & Associated Temporary Footbridge | 102 | 10-Apr-25 | 14-Aug-25 | 0% | 157 |
| 11286-MOB-04530 | Reinstatement the Area, Including the Restoration Works of the Hung Hom Stabling Sidings | 50 | 15-Aug-25 | 14-Oct-25 | 0% | 157 |
| **Statutory Applications and Approvals at Initial Stage of Contract** | | 0 | 23-Jun-23 A | 26-Jun-23 A | | |
| **LD Form 1 - Submission and Approval** | | 0 | 23-Jun-23 A | 26-Jun-23 A | | |
| 11286-STA-04545 | Application of LD Form 1 - Notification of Construction Work to Commissioner of Labour Dept. | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |
| **Levy CIC Form 1 - Submission and Approval** | | 0 | 23-Jun-23 A | 26-Jun-23 A | | |
| 11286-STA-04550 | Application of Levy CIC Form 1 - Notice of Commencement of Construction Operation | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |
| **Levy PCFB Form 1B - Submission and Approval** | | 0 | 23-Jun-23 A | 26-Jun-23 A | | |
| 11286-STA-04560 | Application of PCFB Form 1B - Notice of Commencement of Construction Operation | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |
| **EPD Form 1 - Submission and Approval** | | 0 | 23-Jun-23 A | 26-Jun-23 A | | |
| 11286-STA-04570 | Application of EPD Form 1 - Application of Billing Account for Disposal of Construction Waste | 0 | 23-Jun-23 A | 26-Jun-23 A | 100% | |
| **Cost Centre B: FOOTBRIDGE PIER 1 to 4 (HKAC & Sung Wong Toi** | | 582 | 23-Jun-23 A | 29-Dec-25 | | 118 |
| **Site Clearance & Mobilization & Establishment** | | 569 | 05-Jul-23 A | 11-Dec-25 | | 34 |
| 11286-MOB-04600 | Street lamp posts relocation at Sung Wong Toi Road (Stage 1) | 25 | 01-Nov-23 | 29-Nov-23 | 0% | 237 |
| 11286-MOB-04610 | Implement TTMS, Before Construction of Temp Support Tower at SUW Toi Road | 7 | 04-Dec-23 | 11-Dec-23 | 0% | 251 |
| 11286-MOB-04630 | Mobilisation of Plant and Site Establishment | 4 | 05-Jul-23 A | 04-Nov-23 | 0% | 7 |
| 11286-MOB-04590 | Construct Temporary Hoardings near SUW and HKAC | 14 | 01-Nov-23 | 16-Nov-23 | 0% | 113 |
| 11286-MOB-04625d | Instrumentation Monitoring (FB, Nov-23) | 26 | 01-Nov-23 | 30-Nov-23 | 0% | 35 |
| 11286-MOB-04625e | Instrumentation Monitoring (FB, Dec-23) | 24 | 01-Dec-23 | 30-Dec-23 | 0% | 35 |
| 11286-MOB-04625f | Instrumentation Monitoring (FB, Jan-24) | 26 | 02-Jan-24 | 31-Jan-24 | 0% | 35 |
| 11286-MOB-04625g | Instrumentation Monitoring (FB, Feb-24) | 22 | 01-Feb-24 | 29-Feb-24 | 0% | 35 |
| 11286-MOB-04625h | Instrumentation Monitoring (FB, Mar-24) | 24 | 01-Mar-24 | 28-Mar-24 | 0% | 35 |
| 11286-MOB-04625i | Instrumentation Monitoring (FB, Apr-24) | 24 | 02-Apr-24 | 30-Apr-24 | 0% | 35 |
| 11286-MOB-04625j | Instrumentation Monitoring (FB, May-24) | 25 | 02-May-24 | 31-May-24 | 0% | 35 |
| 11286-MOB-04625k | Instrumentation Monitoring (FB, Jun-24) | 24 | 01-Jun-24 | 29-Jun-24 | 0% | 35 |
| 11286-MOB-04625l | Instrumentation Monitoring (FB, Jul-24) | 26 | 02-Jul-24 | 31-Jul-24 | 0% | 35 |
| 11286-MOB-04625m | Instrumentation Monitoring (FB, Aug-24) | 27 | 01-Aug-24 | 31-Aug-24 | 0% | 35 |
| 11286-MOB-04625n | Instrumentation Monitoring (FB, Sep-24) | 24 | 02-Sep-24 | 30-Sep-24 | 0% | 35 |
| 11286-MOB-04625o | Instrumentation Monitoring (FB, Oct-24) | 25 | 02-Oct-24 | 31-Oct-24 | 0% | 35 |
| 11286-MOB-04625p | Instrumentation Monitoring (FB, Nov-24) | 26 | 01-Nov-24 | 30-Nov-24 | 0% | 35 |
| 11286-MOB-04625q | Instrumentation Monitoring (FB, Dec-24) | 24 | 02-Dec-24 | 31-Dec-24 | 0% | 35 |
| 11286-MOB-04625r | Instrumentation Monitoring (FB, Jan-25) | 23 | 02-Jan-25 | 28-Jan-25 | 0% | 35 |
| 11286-MOB-04625s | Instrumentation Monitoring (FB, Feb-25) | 24 | 01-Feb-25 | 28-Feb-25 | 0% | 35 |


◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**

**(11 of 29)**

| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-MOB-04625t | Instrumentation Monitoring (FB, Mar-25) | 26 | 01-Mar-25 | 31-Mar-25 | 0% | 35 |
| 11286-MOB-04625u | Instrumentation Monitoring (FB, Apr-25) | 22 | 01-Apr-25 | 30-Apr-25 | 0% | 35 |
| 11286-MOB-04625v | Instrumentation Monitoring (FB, May-25) | 24 | 02-May-25 | 30-May-25 | 0% | 35 |
| 11286-MOB-04625w | Instrumentation Monitoring (FB, Jun-25) | 25 | 02-Jun-25 | 30-Jun-25 | 0% | 35 |
| 11286-MOB-04625x | Instrumentation Monitoring (FB, Jul-25) | 26 | 02-Jul-25 | 31-Jul-25 | 0% | 35 |
| 11286-MOB-04625y | Instrumentation Monitoring (FB, Aug-25) | 26 | 01-Aug-25 | 30-Aug-25 | 0% | 35 |
| 11286-MOB-04625z | Instrumentation Monitoring (FB,Sep-25) | 26 | 01-Sep-25 | 30-Sep-25 | 0% | 35 |
| 11286-MOB-04625za | Instrumentation Monitoring (FB,Oct-25) | 24 | 02-Oct-25 | 31-Oct-25 | 0% | 35 |
| 11286-MOB-04625zb | Instrumentation Monitoring (FB,Nov-25) | 25 | 01-Nov-25 | 29-Nov-25 | 0% | 35 |
| 11286-MOB-04625zc | Instrumentation Monitoring (FB,Dec-25) | 10 | 01-Dec-25 | 11-Dec-25 | 0% | 35 |
| 11286-MOB-04620 | Install Instrumentation | 0 | 08-Aug-23 A | 25-Oct-23 A | 100% | |
| 11286-MOB-04580 | TTMS - SLG Endorsement Over Archeological Zone (Not used) | 0 | 30-Sep-23 A | | 100% | |
| 11286-MOB-04625 | Instrumentation Monitoring (FB, Jul-23) | 0 | 08-Aug-23 A | 08-Aug-23 A | 100% | |
| 11286-MOB-04625a | Instrumentation Monitoring (FB, Aug-23) | 0 | 01-Aug-23 A | 31-Aug-23 A | 100% | |
| 11286-MOB-04625b | Instrumentation Monitoring (FB, Sep-23) | 0 | 01-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-MOB-04625c | Instrumentation Monitoring (FB, Oct-23) | 0 | 01-Oct-23 A | 31-Oct-23 A | 100% | |
| **Foundation & Substructure for P2 & P3** | | 156 | 23-Jun-23 A | 01-Jun-24 | | 545 |
| ***Pre-drilling / G.I Works, ELS Works*** | | 0 | 23-Jun-23 A | 01-Nov-23 | | 762 |
| 11286-CON-04640 | Conduct site survey & cable detection | 0 | 23-Jun-23 A | 01-Nov-23 | 0% | 762 |
| 11286-CON-04660 | Pre-drilling / G.I. Works at Pier P2 and P3 (4-nos) (3d/hole/rig) (2-rigs) / Piling Rig Mobilization | 0 | 16-Aug-23 A | 31-Aug-23 A | 100% | |
| 11286-CON-04650 | Excavate & remove Lift-In Struts and Backfill | 0 | 08-Aug-23 A | 12-Aug-23 A | 100% | |
| 11286-CON-04665 | Pre-grouting Works for PC2 and PC3 | 0 | 09-Sep-23 A | 25-Sep-23 A | 100% | |
| 11286-CON-04661 | Pre-drilling / G.I. Works at Pier P2 and P3 (4-nos) (3d/hole/rig) (2-rigs) / Piling Rig Mobilization | 0 | 16-Aug-23 A | 07-Sep-23 A | 100% | |
| ***Piling Works*** | | 114 | 22-Aug-23 A | 07-Apr-24 | | 1 |
| **Piling Works at Pier 2 - Bored Piles (4-Nos) (22d/pile/rig)** | | 88 | 19-Oct-23 A | 17-Feb-24 | | 11 |
| 11286-CON-04680 | Bored Piles @ PC2-BP01 (19 days/pile/rig) + (3days/TRA) | 22 | 19-Oct-23 A | 25-Nov-23 | 0% | 11 |
| 11286-CON-04690 | Bored Piles @ PC2-BP02 (19 days/pile/rig) + (3days/TRA) | 22 | 27-Nov-23 | 21-Dec-23 | 0% | 11 |
| 11286-CON-04700 | Bored Piles @ PC2-BP03 (19 days/pile/rig) + (3days/TRA) | 22 | 22-Dec-23 | 19-Jan-24 | 0% | 11 |
| 11286-CON-04710 | Bored Piles @ PC2-BP04 (19 days/pile/rig) + (3days/TRA) | 22 | 20-Jan-24 | 17-Feb-24 | 0% | 11 |
| **Piling Works at Pier 3 - Bored Piles (4-Nos) (22d/pile/rig)** | | 88 | 13-Nov-23 | 29-Feb-24 | | 1 |
| 11286-CON-04720 | Bored Piles @ PC3-BP01 (19 days/pile/rig) + (3days/TRA) | 22 | 13-Nov-23 | 07-Dec-23 | 0% | 1 |
| 11286-CON-04730 | Bored Piles @ PC3-BP02 (19 days/pile/rig) + (3days/TRA) | 22 | 08-Dec-23 | 05-Jan-24 | 0% | 1 |
| 11286-CON-04740 | Bored Piles @ PC3-BP03 (19 days/pile/rig) + (3days/TRA) | 22 | 06-Jan-24 | 31-Jan-24 | 0% | 1 |
| 11286-CON-04750 | Bored Piles @ PC3-BP04 (19 days/pile/rig) + (3days/TRA) | 22 | 01-Feb-24 | 29-Feb-24 | 0% | 1 |
| **Pile Testing (8-nos) @ GL P2 & P3** | | 159 | 22-Aug-23 A | 07-Apr-24 | | 1 |
| 11286-CON-04780 | Selection of Full Core Test by BD | 14 | 08-Mar-24 | 21-Mar-24 | 0% | 1 |
| 11286-CON-04790 | Full Core Test and Report to BD | 10 | 22-Mar-24 | 31-Mar-24 | 0% | 1 |
| 11286-CON-04800 | BA14 Submission for Acknowledgement | 7 | 01-Apr-24 | 07-Apr-24 | 0% | 1 |
| 11286-CON-04770 | Interfare Test and Submit BA14 to BD | 7 | 01-Mar-24 | 07-Mar-24 | 0% | 1 |
| 11286-CON-04805 | BA10 Submission for Commencement of Works | 7 | 22-Aug-23 A | 07-Nov-23 | 0% | 153 |
| ***Pile Cap for Pier P2 & P3*** | | 46 | 08-Apr-24 | 01-Jun-24 | | 1 |
| 11286-CON-04820 | Excavation & Install Struts at Pier 2 and 3 (hard=396m^3, 50m^3/rig/d, 1rig +1 layer strut, 12d/layer) | 10 | 04-May-24 | 16-May-24 | 0% | 1 |
| 11286-CON-04830 | Construct Pile Cap (PC2) near HKAC | 14 | 17-May-24 | 01-Jun-24 | 0% | 1 |
| 11286-CON-04840 | Construct Pile Cap (PC3) near HKAC | 14 | 17-May-24 | 01-Jun-24 | 0% | 1 |
| 11286-CON-04810 | Construct Sheet Pile Wall at Pier P2 & P3 (530m2 / 25m2/day / rig) (Allow 1-rig) | 22 | 08-Apr-24 | 03-May-24 | 0% | 1 |
| **Columns & Pier Construction** | | 32 | 06-Jun-24 | 18-Jul-24 | | -2 |
| 11286-CON-04850 | Construct Columns & Pier 2 near HKAC (12d/pier) & Install Bearing Plate | 12 | 06-Jun-24 | 20-Jun-24 | 0% | -2 |


◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

# MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station

# 3 Months Rolling Programme (DD: 31 Oct 2023)

## (based on Revised Programme for Acceptance (Oct-23))



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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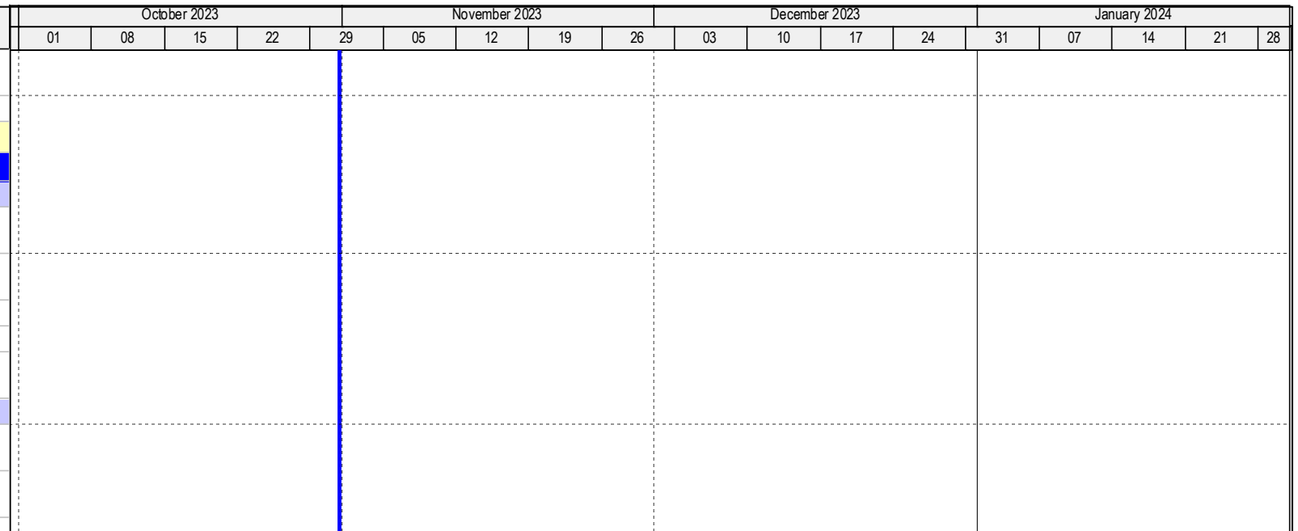
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-04860 | Construct Columns & Pier 3 near HKAC (12d/pier) & Install Bearing Plate | 12 | 06-Jun-24 | 20-Jun-24 | 0% | -2 |
| 11286-CON-04870 | Curing Period for Pier P2 & P3 (1M for strength) | 28 | 21-Jun-24 | 18-Jul-24 | 0% | -2 |
| **FootBridge Structure** | | 427 | 02-Mar-24 | 11-Aug-25 | | 113 |
| ***(Advance Works) FootBridge Erection for Segment # 2 & 3, Betwee*** | | 361 | 02-Mar-24 | 23-May-25 | | 63 |
| **Steelworks at Daytime (TH)** | | 60 | 02-Mar-24 | 17-May-24 | | 169 |
| 11286-CON-04880 | Construct Temporary Support Tower 1 (2-nos) near Entrance C (within site) for Segment 2 | 24 | 02-Mar-24 | 02-Apr-24 | 0% | 163 |
| 11286-CON-04890 | Construct Temporary Support Tower 3 (1-no) at side road (within site) for Segment 3 | 12 | 03-May-24 | 17-May-24 | 0% | 163 |
| 11286-CON-04900 | On-site Prefabrication & Assembly for Footbridge Segment 3 | 25 | 08-Apr-24 | 07-May-24 | 0% | 171 |
| 11286-CON-04910 | On-site Prefabrication & Assembly for Footbridge Segment 2 | 25 | 08-Apr-24 | 07-May-24 | 0% | 177 |
| 11286-CON-04885 | Construct Temporary Support Tower 2 (2-nos) at Middle Road (within site) for Segment 2 & 3 | 24 | 03-Apr-24 | 02-May-24 | 0% | 163 |
| **Steelworks at Nightime (NTH)** | | 301 | 18-May-24 | 23-May-25 | | 63 |
| 11286-CON-04920 | Erection of Segment 3 (Full Truss) (L=25m) (Overnight Lifting) (1NTH) + 5d Scaffolds for ABWF | 6 | 18-May-24 | 24-May-24 | 0% | 163 |
| 11286-CON-04930 | Erection of Segment 2 (Full Truss) (L=26m) (Overnight Lifting) (1NTH) + 5d Scaffolds for ABWF | 6 | 25-May-24 | 31-May-24 | 0% | 163 |
| 11286-CON-04940 | Footbridge (Segment 3 & 2) - Bridge Alighment, Full Welding Connections & Painting (Day-Time) | 24 | 01-Jun-24 | 29-Jun-24 | 0% | 163 |
| 11286-CON-04950 | Footbridge (Segment 3 & 2) - Install Metal Bondek at Floor & Roof Level (Day-Time) | 14 | 11-Jul-24 | 26-Jul-24 | 0% | 194 |
| 11286-CON-04960 | Footbridge (Segment 3 & 2) - Construct 300 Thk Floor Slab (2-Segments) (6d/Segment)(Day-Time) | 12 | 27-Jul-24 | 09-Aug-24 | 0% | 194 |
| 11286-CON-04965 | Footbridge (Segment 3 & 2) - Dismantle Temporary Tower 2 at Middle Road (Day-Time) | 12 | 10-May-25 | 23-May-25 | 0% | 63 |
| ***FootBridge (Segment # 2 & 3) - ABWF Works at Floor & Body Level*** | | 147 | 10-Aug-24 | 07-Feb-25 | | 263 |
| **ABWF Works (Roof Level), Daytime (TH)** | | 52 | 10-Aug-24 | 12-Oct-24 | | 247 |
| 11286-CON-04970 | ABWF Works (Roof Level) - Install Gutter, Including Roof Waterproofing (Deg 1) | 6 | 10-Aug-24 | 16-Aug-24 | 0% | 194 |
| 11286-CON-04980 | ABWF Works (Roof Level) - Install Rockwool with Standing Seam System (Deg 1) | 12 | 17-Aug-24 | 30-Aug-24 | 0% | 194 |
| 11286-CON-04990 | ABWF Works (Roof Level) - Install Fall Arrest System (Deg 1) | 12 | 31-Aug-24 | 13-Sep-24 | 0% | 194 |
| 11286-CON-05010 | ABWF Works (Roof Level) - Install Architectural External Roof Claddings(Deg 2) | 22 | 14-Sep-24 | 12-Oct-24 | 0% | 247 |
| **ABWF Works (Ceiling Level), Daytime (TH)** | | 50 | 14-Sep-24 | 14-Nov-24 | | 330 |
| 11286-CON-05000 | ABWF Works (Ceiling Level) - Install Ceiling Supporting Frame (Deg 1) | 12 | 14-Sep-24 | 28-Sep-24 | 0% | 194 |
| 11286-CON-05020 | ABWF Works (Ceiling Level) - Install Ceiling Sub-Frame Frame (Deg 1) | 12 | 30-Sep-24 | 15-Oct-24 | 0% | 194 |
| 11286-CON-05050 | ABWF Works (Ceiling Level) - Install Ceiling Finishes / Fitting Works (Deg 2) | 8 | 06-Nov-24 | 14-Nov-24 | 0% | 330 |
| 11286-CON-05030 | ABWF Works (Ceiling Level) - Install Rainscreen / Glass Barrier @ Middle Level (Deg 2) | 18 | 16-Oct-24 | 05-Nov-24 | 0% | 194 |
| **ABWF Works (Floor Level)** | | 75 | 06-Nov-24 | 07-Feb-25 | | 225 |
| 11286-CON-05040 | ABWF Works (Floor Level) - Install Steel Balustrade and Painting (Deg 1) | 12 | 06-Nov-24 | 19-Nov-24 | 0% | 194 |
| 11286-CON-05070 | ABWF Works (Floor Level) - Install Metal Floor Access Panel & Floor Screeding (Deg 2) | 7 | 06-Dec-24 | 13-Dec-24 | 0% | 194 |
| 11286-CON-05060 | ABWF Works (Floor Level) - Install Gutter, Incl. Waterproofing & Miradrain Drainge Sys (Deg 1) | 14 | 20-Nov-24 | 05-Dec-24 | 0% | 194 |
| 11286-CON-05090 | ABWF Works (Floor Level) - Install Arch External Claddings @ Bottom Lvl (NightTime) (Deg 2) | 24 | 14-Dec-24 | 14-Jan-25 | 0% | 194 |
| 11286-CON-05100 | ABWF Works (Floor Level) - Install Arch External Claddings @ Middle Lvl (NightTime) (Deg 2) | 18 | 15-Jan-25 | 07-Feb-25 | 0% | 194 |




◆ ◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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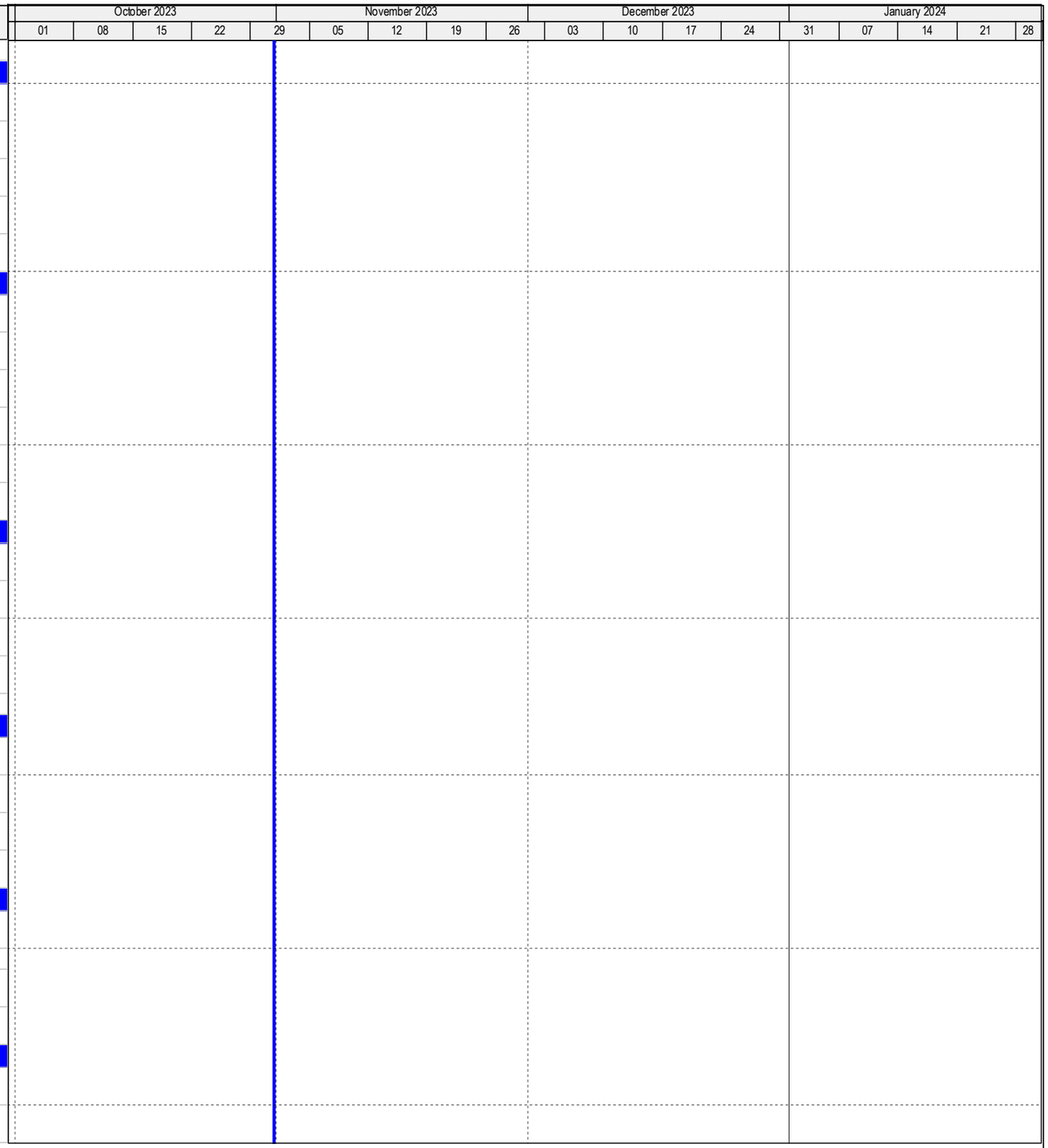
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-05080 | ABWF Works (Floor Level) - Install Floor Finishes (Deg 2) | 14 | 14-Dec-24 | 02-Jan-25 | 0% | 253 |
| ***FootBridge Erection for Segment # 4, Day Time (TH)*** | | 91 | 28-May-24 | 12-Sep-24 | | 124 |
| 11286-CON-05160 | Erect Segment 4 (Half Truss) (L=21.74m) with Bracing Support @ GL C12 to P3 | 12 | 19-Jul-24 | 01-Aug-24 | 0% | -2 |
| 11286-CON-05170 | Erect Segment 4 (Half Truss) (L=21.74m) with Bracing Support @ GL C12 to P3 | 12 | 02-Aug-24 | 15-Aug-24 | 0% | -2 |
| 11286-CON-05150 | On-site Prefabrication & Assembly (Half Truss x 2) for Footbridge Segment 4 | 18 | 28-May-24 | 18-Jun-24 | 0% | 23 |
| 11286-CON-05140 | Construct Temp Support Tower 5 (1-no.), Between Segment 4, After Pier 3 Completion | 12 | 21-Jun-24 | 05-Jul-24 | 0% | 5 |
| 11286-CON-05180 | FootBridge Segment 4 - Bridge Alighment, Full Welding Connection & Painting | 24 | 16-Aug-24 | 12-Sep-24 | 0% | 124 |
| ***FootBridge Erecttion for Segment # 5 and 6, Day Time (TH)*** | | 145 | 21-Jun-24 | 11-Dec-24 | | 50 |
| 11286-CON-05190 | Construct Temporary Scaffolding Platform, Over Archeological Area for Segment 5 & 6 | 16 | 21-Jun-24 | 10-Jul-24 | 0% | 5 |
| 11286-CON-05200 | On-Site Construction for FootBridge Segment 5, (L=17.115m) @ GL P3 to P2 (Cycle 1) | 28 | 16-Aug-24 | 17-Sep-24 | 0% | -2 |
| 11286-CON-05230 | On-Site Construction for FootBridge Segment 6, (L=17.115m) @ GL P3 to P2 (Cycle 2) | 7 | 01-Nov-24 | 08-Nov-24 | 0% | -2 |
| 11286-CON-05240 | Footbridge (Segment 5 & 6) - Bridge Alighment, Full Welding Connection & Painting | 28 | 09-Nov-24 | 11-Dec-24 | 0% | 50 |
| 11286-CON-05210 | On-Site Construction for FootBridge Segment 5, (L=17.115m) @ GL P3 to P2 (Cycle 2) | 7 | 19-Sep-24 | 26-Sep-24 | 0% | -2 |
| 11286-CON-05220 | On-Site Construction for FootBridge Segment 6, (L=17.115m) @ GL P3 to P2 (Cycle 1) | 28 | 27-Sep-24 | 31-Oct-24 | 0% | -2 |
| ***FootBridge Erection for Segment # 7*** | | 149 | 11-Jul-24 | 07-Jan-25 | | 9 |
| 11286-CON-05270 | Erect Segment 7 (Half Truss) (L=13.90m) with Bracing Support, Cycle 1 | 12 | 09-Nov-24 | 22-Nov-24 | 0% | -2 |
| 11286-CON-05280 | Erect Segment 7 (Half Truss) (L=13.90m) with Bracing Support, Cycle 2 | 12 | 23-Nov-24 | 06-Dec-24 | 0% | -2 |
| 11286-CON-05260 | On-site Prefabrication & Assembly (Half Truss x 2) for Footbridge Segment 7 | 18 | 17-Jul-24 | 06-Aug-24 | 0% | 76 |
| 11286-CON-05290 | Footbridge (Segment 7) - Bridge Alighment, Full Welding Connection & Painting | 24 | 07-Dec-24 | 07-Jan-25 | 0% | 9 |
| 11286-CON-05250 | Construct Temp Support Tower 5 & 6 (2-nos.) for Segment 7 | 24 | 11-Jul-24 | 07-Aug-24 | 0% | 75 |
| ***FootBridge Construction for Segment # 8, Between Temp Tower # 6*** | | 157 | 08-Aug-24 | 17-Feb-25 | | -2 |
| 11286-CON-05310 | On-Site Construction for FootBridge Segment 8 (L=27m), Cycle 1 | 28 | 07-Dec-24 | 11-Jan-25 | 0% | -2 |
| 11286-CON-05320 | On-Site Construction for FootBridge Segment 8 (L=27m), Cycle 2 | 7 | 13-Jan-25 | 20-Jan-25 | 0% | -2 |
| 11286-CON-05300 | Erect Protective Cover at Approach Lobby, After RC of Pier 1 Complete | 18 | 08-Aug-24 | 28-Aug-24 | 0% | 81 |
| 11286-CON-05330 | Footbridge (Segment 8) - Bridge Alighment, Full Welding Connection & Painting | 21 | 21-Jan-25 | 17-Feb-25 | 0% | -2 |
| ***FootBridge Erection for Segment # 1, Between Entrance C and Tem*** | | 175 | 17-Jul-24 | 15-Feb-25 | | -1 |
| 11286-CON-05340 | Erect Protective Cover at Entrance C / Bridge Deck Lvl, After RC of Pier 4 Complete | 12 | 08-Aug-24 | 21-Aug-24 | 0% | 123 |
| 11286-CON-05350 | On-site Prefabrication & Assembly for Footbridge Segment 1 | 25 | 17-Jul-24 | 14-Aug-24 | 0% | 129 |
| 11286-CON-05360 | Erection of Segment 1 (Full Truss) (L=5.5m) (Overnight Lifting) (1NTH) + 5d Scaffolds for ABWF | 6 | 21-Jan-25 | 27-Jan-25 | 0% | -1 |
| 11286-CON-05370 | Footbridge (Segment 1) - Bridge Alighment, Full Welding Connections & Painting | 14 | 28-Jan-25 | 15-Feb-25 | 0% | -1 |
| ***Footbridge Segment 4, 5, 6, 7, 8 & 1 - Metal Bondek and Concreting*** | | 64 | 18-Feb-25 | 09-May-25 | | -2 |
| 11286-CON-05380 | Footbridge (Segment 4, 5, 6, 7, 8 & 1) - Install Metal Bondek at Floor & Roof Level | 28 | 18-Feb-25 | 21-Mar-25 | 0% | -2 |
| 11286-CON-05390 | Footbridge (Segment 4, 5, 6, 7) - Construct 300 Thk Floor Slab (6d/Segment) (Cycle 1) | 24 | 22-Mar-25 | 23-Apr-25 | 0% | -2 |




◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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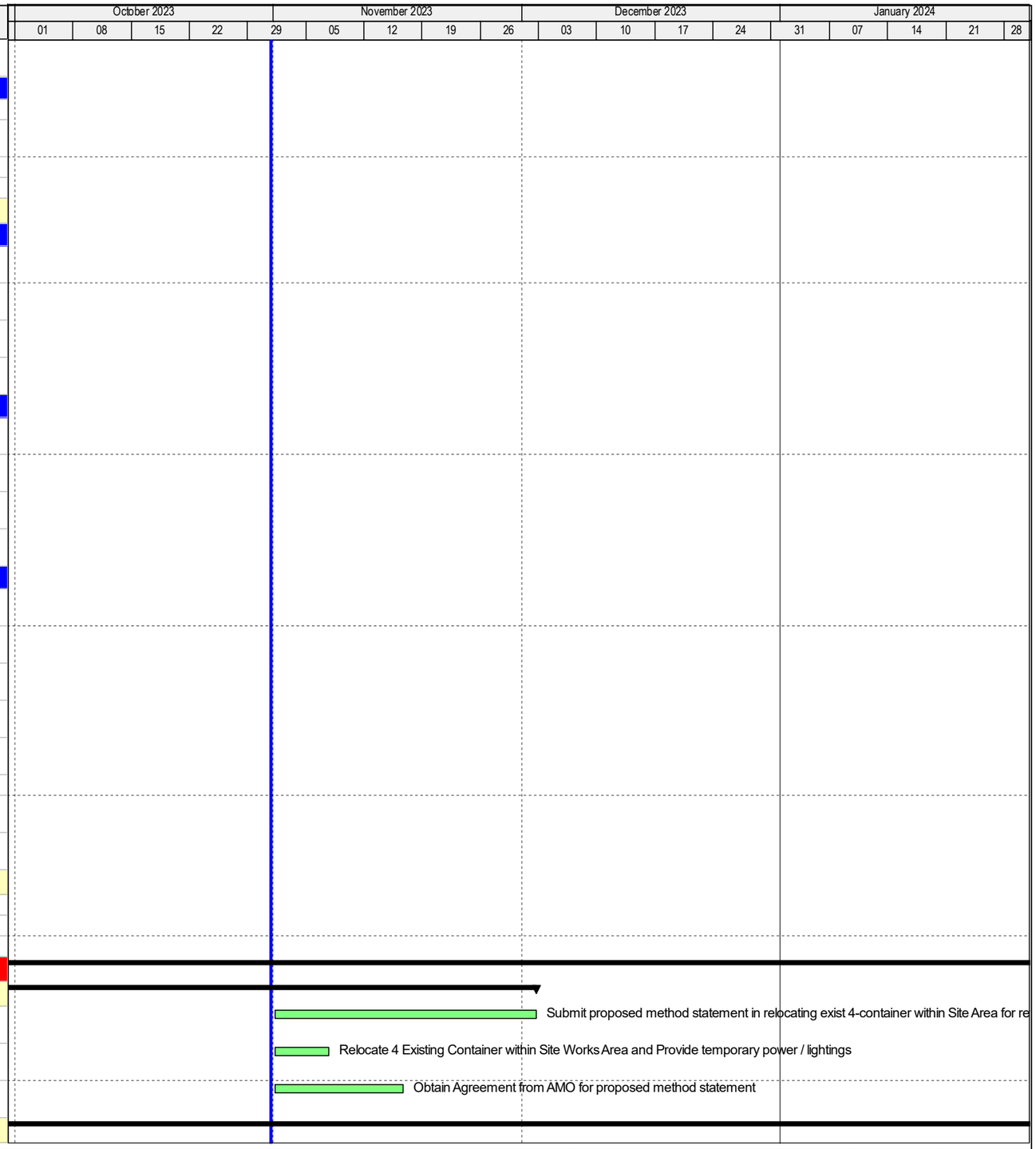
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-05400 | Footbridge (Segment 8 & 1) - Construct 300 Thk Floor Slab (6d/Segment) (Cycle 2) | 12 | 24-Apr-25 | 09-May-25 | 0% | -2 |
| ***Dismantling of Temporary Bridge Tower and Vacate the Area*** | | 48 | 16-Jun-25 | 11-Aug-25 | | 64 |
| 11286-CON-05402 | Footbridge (Segment 4) - Dismantle Temporary Tower 3 & 4 | 12 | 16-Jun-25 | 28-Jun-25 | 0% | 45 |
| 11286-CON-05404 | Footbridge (Segment 5 & 6) - Dismantle Temporary Scaffolding Support Between Tower 4 & 5 | 12 | 30-Jun-25 | 14-Jul-25 | 0% | 45 |
| 11286-CON-05406 | Footbridge (Segment 7) - Dismantle Temporary Tower 5 & 6 | 12 | 15-Jul-25 | 28-Jul-25 | 0% | 45 |
| 11286-CON-05408 | Footbridge (Segment 1) - Dismantle Temporary Tower 1 | 12 | 29-Jul-25 | 11-Aug-25 | 0% | 64 |
| **FootBridge (Segment # 1, 4, 5, 6, 7 & 8) - ABWF Works (Daytime-Th** | | 193 | 10-May-25 | 29-Dec-25 | | -2 |
| ***ABWF Works (Roof Level), Daytime (TH)*** | | 73 | 10-May-25 | 05-Aug-25 | | 49 |
| 11286-CON-05410 | ABWF Works (Roof Level) - Install Gutter, Incl. Roof Waterproofing & Drainge System (Deg 1) | 18 | 10-May-25 | 30-May-25 | 0% | -2 |
| 11286-CON-05420 | ABWF Works (Roof Level) - Install Rockwool with Standing Seam System (Deg 1) | 21 | 17-May-25 | 11-Jun-25 | 0% | -2 |
| 11286-CON-05430 | ABWF Works (Roof Level) - Install Fall Arrest System (Deg 1) | 18 | 12-Jun-25 | 03-Jul-25 | 0% | -2 |
| 11286-CON-05440 | ABWF Works (Roof Level) - Install Architectural External Roof Claddings (Deg 2) | 28 | 04-Jul-25 | 05-Aug-25 | 0% | 49 |
| ***ABWF Works (Ceiling Level), Daytime (TH)*** | | 70 | 12-Jun-25 | 02-Sep-25 | | -1 |
| 11286-CON-05450 | ABWF Works (Ceiling Level) - Install Ceiling Supporting Frame (Deg 1) | 21 | 12-Jun-25 | 07-Jul-25 | 0% | -2 |
| 11286-CON-05460 | ABWF Works (Ceiling Level) - Install Ceiling Sub-Frame Frame (Deg 1) | 21 | 08-Jul-25 | 31-Jul-25 | 0% | -2 |
| 11286-CON-05480 | ABWF Works (Ceiling Level) - Install Ceiling Finishes / Fitting Works (Deg 2) | 28 | 01-Aug-25 | 02-Sep-25 | 0% | -1 |
| 11286-CON-05470 | ABWF Works (Ceiling Level) - Install Rainscreen / Glass Barrier @ Middle Level (Deg 2) | 24 | 01-Aug-25 | 28-Aug-25 | 0% | -1 |
| ***ABWF Works (Floor Level)*** | | 100 | 29-Aug-25 | 29-Dec-25 | | -2 |
| 11286-CON-05490 | ABWF Works (Floor Level) - Install Steel Balustrade and Painting (Deg 1) | 18 | 29-Aug-25 | 18-Sep-25 | 0% | -1 |
| 11286-CON-05510 | ABWF Works (Floor Level) - Install Metal Floor Access Panel & Floor Screeding (Deg 1) | 12 | 19-Sep-25 | 03-Oct-25 | 0% | -1 |
| 11286-CON-05500 | ABWF Works (Floor Level) - Install Gutter, Incl. Waterproofing & Miradrain Drainge Sys (Deg 1) | 14 | 03-Sep-25 | 18-Sep-25 | 0% | -1 |
| 11286-CON-05520 | ABWF Works (Floor Level) - Install Arch External Claddings @ Bottom Lvl (Deg 2) (Cycle 1) | 24 | 04-Oct-25 | 03-Nov-25 | 0% | -1 |
| 11286-CON-05540 | ABWF Works (Floor Level) - Install Arch External Claddings @ Middle Lvl (Deg 2) (Cycle 1) | 24 | 05-Nov-25 | 02-Dec-25 | 0% | -2 |
| 11286-CON-05530 | ABWF Works (Floor Level) - Install Floor Finishes (Deg 2) | 28 | 31-Oct-25 | 02-Dec-25 | 0% | -2 |
| 11286-CON-05550 | ABWF Works (Floor Level) - Install Arch External Claddings @ Bottom Lvl (Deg 2) (Cycle 2) | 24 | 05-Nov-25 | 02-Dec-25 | 0% | -2 |
| 11286-CON-05560 | ABWF Works (Floor Level) - Install Arch External Claddings @ Middle Lvl (Deg 2) Cycle 2) | 21 | 03-Dec-25 | 29-Dec-25 | 0% | -2 |
| **FootBridge - Drainage Works and Road Reinstatement** | | 80 | 19-Sep-25 | 24-Dec-25 | | 0 |
| 11286-CON-05600 | External Drainages & Utilities Installation | 24 | 19-Sep-25 | 18-Oct-25 | 0% | 0 |
| 11286-CON-05610 | Road Reinstatement (Cycle 1) | 28 | 20-Oct-25 | 21-Nov-25 | 0% | 0 |
| 11286-CON-05620 | Road Reinstatement Cycle 2) | 28 | 22-Nov-25 | 24-Dec-25 | 0% | 0 |
| **Cost Centre C: APPROACH LOBBY at CONCOURSE LEVEL of SU** | | 553 | 23-Jun-23 A | 20-Nov-25 | | 148 |
| **Archeological Relics Items** | | 28 | 03-Jul-23 A | 02-Dec-23 | | 734 |
| 11286-MOB-05630 | Submit proposed method statement in relocating exist 4-container within Site Area for review | 28 | 03-Jul-23 A | 02-Dec-23 | 0% | 734 |
| 11286-MOB-05650 | Relocate 4 Existing Container within Site Works Area and Provide temporary power / lightings | 6 | 03-Jul-23 A | 07-Nov-23 | 0% | 47 |
| 11286-MOB-05640 | Obtain Agreement from AMO for proposed method statement | 14 | 03-Jul-23 A | 16-Nov-23 | 0% | 748 |
| **Site Clearance & Mobilization & Establishment** | | 606 | 23-Jun-23 A | 15-Nov-25 | | 57 |




◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-MOB-05670 | Construct Hoarding at SUW Station | 14 | 06-Nov-23 | 21-Nov-23 | 0% | 53 |
| 11286-MOB-05660 | Mobilisation of Plant and Site Establishment | 18 | 23-Jun-23 A | 21-Nov-23 | 0% | 53 |
| 11286-MOB-05700 | Modification & Divert Existing Hoardings FP2 and UU (Cycle 2) (footpath diversion) | 25 | 01-Nov-23 | 29-Nov-23 | 0% | 18 |
| 11286-MOB-05690c | Instrumentation Monitoring (AL, Nov-23) | 26 | 01-Nov-23 | 30-Nov-23 | 0% | 57 |
| 11286-MOB-05690d | Instrumentation Monitoring (AL, Dec-23) | 24 | 01-Dec-23 | 30-Dec-23 | 0% | 57 |
| 11286-MOB-05690e | Instrumentation Monitoring (AL, Jan-24) | 26 | 02-Jan-24 | 31-Jan-24 | 0% | 57 |
| 11286-MOB-05690f | Instrumentation Monitoring (AL, Feb-24) | 22 | 01-Feb-24 | 29-Feb-24 | 0% | 57 |
| 11286-MOB-05690g | Instrumentation Monitoring (AL, Mar-24) | 24 | 01-Mar-24 | 28-Mar-24 | 0% | 57 |
| 11286-MOB-05690h | Instrumentation Monitoring (AL, Apr-24) | 24 | 02-Apr-24 | 30-Apr-24 | 0% | 57 |
| 11286-MOB-05690i | Instrumentation Monitoring (AL, May-24) | 25 | 02-May-24 | 31-May-24 | 0% | 57 |
| 11286-MOB-05690j | Instrumentation Monitoring (AL, Jun-24) | 24 | 01-Jun-24 | 29-Jun-24 | 0% | 57 |
| 11286-MOB-05690k | Instrumentation Monitoring (AL, Jul-24) | 26 | 02-Jul-24 | 31-Jul-24 | 0% | 57 |
| 11286-MOB-05690l | Instrumentation Monitoring (AL, Aug-24) | 27 | 01-Aug-24 | 31-Aug-24 | 0% | 57 |
| 11286-MOB-05690m | Instrumentation Monitoring (AL, Sep-24) | 24 | 02-Sep-24 | 30-Sep-24 | 0% | 57 |
| 11286-MOB-05690n | Instrumentation Monitoring (AL, Oct-24) | 25 | 02-Oct-24 | 31-Oct-24 | 0% | 57 |
| 11286-MOB-05690o | Instrumentation Monitoring (AL, Nov-24) | 26 | 01-Nov-24 | 30-Nov-24 | 0% | 57 |
| 11286-MOB-05690p | Instrumentation Monitoring (AL, Dec-24) | 24 | 02-Dec-24 | 31-Dec-24 | 0% | 57 |
| 11286-MOB-05690q | Instrumentation Monitoring (AL, Jan-25) | 23 | 02-Jan-25 | 28-Jan-25 | 0% | 57 |
| 11286-MOB-05690r | Instrumentation Monitoring (AL, Feb-25) | 24 | 01-Feb-25 | 28-Feb-25 | 0% | 57 |
| 11286-MOB-05690s | Instrumentation Monitoring (AL, Mar-25) | 26 | 01-Mar-25 | 31-Mar-25 | 0% | 57 |
| 11286-MOB-05690t | Instrumentation Monitoring (AL, Apr-25) | 22 | 01-Apr-25 | 30-Apr-25 | 0% | 57 |
| 11286-MOB-05690u | Instrumentation Monitoring (AL, May-25) | 24 | 02-May-25 | 30-May-25 | 0% | 57 |
| 11286-MOB-05690v | Instrumentation Monitoring (AL, Jun-25) | 25 | 02-Jun-25 | 30-Jun-25 | 0% | 57 |
| 11286-MOB-05690w | Instrumentation Monitoring (AL, Jul-25) | 26 | 02-Jul-25 | 31-Jul-25 | 0% | 57 |
| 11286-MOB-05690x | Instrumentation Monitoring (AL, Aug-25) | 26 | 01-Aug-25 | 30-Aug-25 | 0% | 57 |
| 11286-MOB-05690y | Instrumentation Monitoring (AL, Sep-25) | 26 | 01-Sep-25 | 30-Sep-25 | 0% | 57 |
| 11286-MOB-05690z | Instrumentation Monitoring (AL, Oct-25) | 24 | 02-Oct-25 | 31-Oct-25 | 0% | 57 |
| 11286-MOB-05690za | Instrumentation Monitoring (AL, Nov-25) | 13 | 01-Nov-25 | 15-Nov-25 | 0% | 57 |
| 11286-MOB-05680 | Install Instrumentation Monitoring and BaseLine Reading | 0 | 08-Aug-23 A | 25-Oct-23 A | 100% | |
| 11286-MOB-05695 | Modification & Divert Existing Hoardings FP2 and UU (Cycle 1) (UU diversion) | 0 | 20-Jul-23 A | 01-Nov-23 | 100% | 18 |
| 11286-MOB-05690 | Instrumentation Monitoring (AL, Aug-23) | 0 | 08-Aug-23 A | 31-Aug-23 A | 100% | |
| 11286-MOB-05690a | Instrumentation Monitoring (AL, Sep-23) | 0 | 01-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-MOB-05690b | Instrumentation Monitoring (AL, Oct-23) | 0 | 01-Oct-23 A | 31-Oct-23 A | 100% | |
| **Approach Lobby - Foundation / Piling Works** | | 131 | 22-Aug-23 A | 29-Apr-24 | | -3 |
| ***G.I. / Pre-drilling Works*** | | 0 | 25-Aug-23 A | 15-Sep-23 A | | |
| 11286-CON-05710 | Predrilling / G.I. Works at Pier 1 and Lobby (9 nos) (3d/hole/rig) (Allow 2-rigs) | 0 | 25-Aug-23 A | 15-Sep-23 A | 100% | |
| ***Piling Works (Socket H-Piles) (32-nos)*** | | 112 | 01-Nov-23 | 02-Apr-24 | | -1 |
| 11286-CON-05730 | Construct Socket H-Piles (22nos) (Ave depth=33m) (2.5d/pile/rig) (Allow 2-rig) (Cycle 1) | 28 | 30-Jan-24 | 05-Mar-24 | 0% | -3 |
| 11286-CON-05740 | Construct Socket H-Piles (10nos) (Ave depth=33m) (2.5d/pile/rig) (Allow 2-rig) (Cycle 2) | 13 | 06-Mar-24 | 20-Mar-24 | 0% | -3 |
| 11286-CON-05750 | (5 days) for the last pile installation and grouting works | 5 | 21-Mar-24 | 26-Mar-24 | 0% | -3 |
| 11286-CON-05980 | Pile strengthening (allow 7d) | 7 | 27-Mar-24 | 02-Apr-24 | 0% | -4 |
| 11286-CON-05700 | Mobilization of piling rigs | 7 | 01-Nov-23 | 08-Nov-23 | 0% | 64 |
| ***Pile Test at Approach Lobby and Pier 1 (32-nos)*** | | 181 | 22-Aug-23 A | 29-Apr-24 | | -4 |
| 11286-CON-05770 | Test Set-up | 6 | 12-Apr-24 | 17-Apr-24 | 0% | -4 |
| 11286-CON-05780 | Loading Test | 5 | 18-Apr-24 | 22-Apr-24 | 0% | -4 |
| 11286-CON-05790 | BA10 Submission for Commenment of the Works | 7 | 22-Aug-23 A | 07-Nov-23 | 0% | 20 |
| 11286-CON-05760 | Submission of BA14 and Selection of Loading test by BD | 12 | 31-Mar-24 | 11-Apr-24 | 0% | -4 |
| 11286-CON-05785 | BA14 Submission for Acknowledgement | 7 | 23-Apr-24 | 29-Apr-24 | 0% | -4 |


◆ ◆ Milestone
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**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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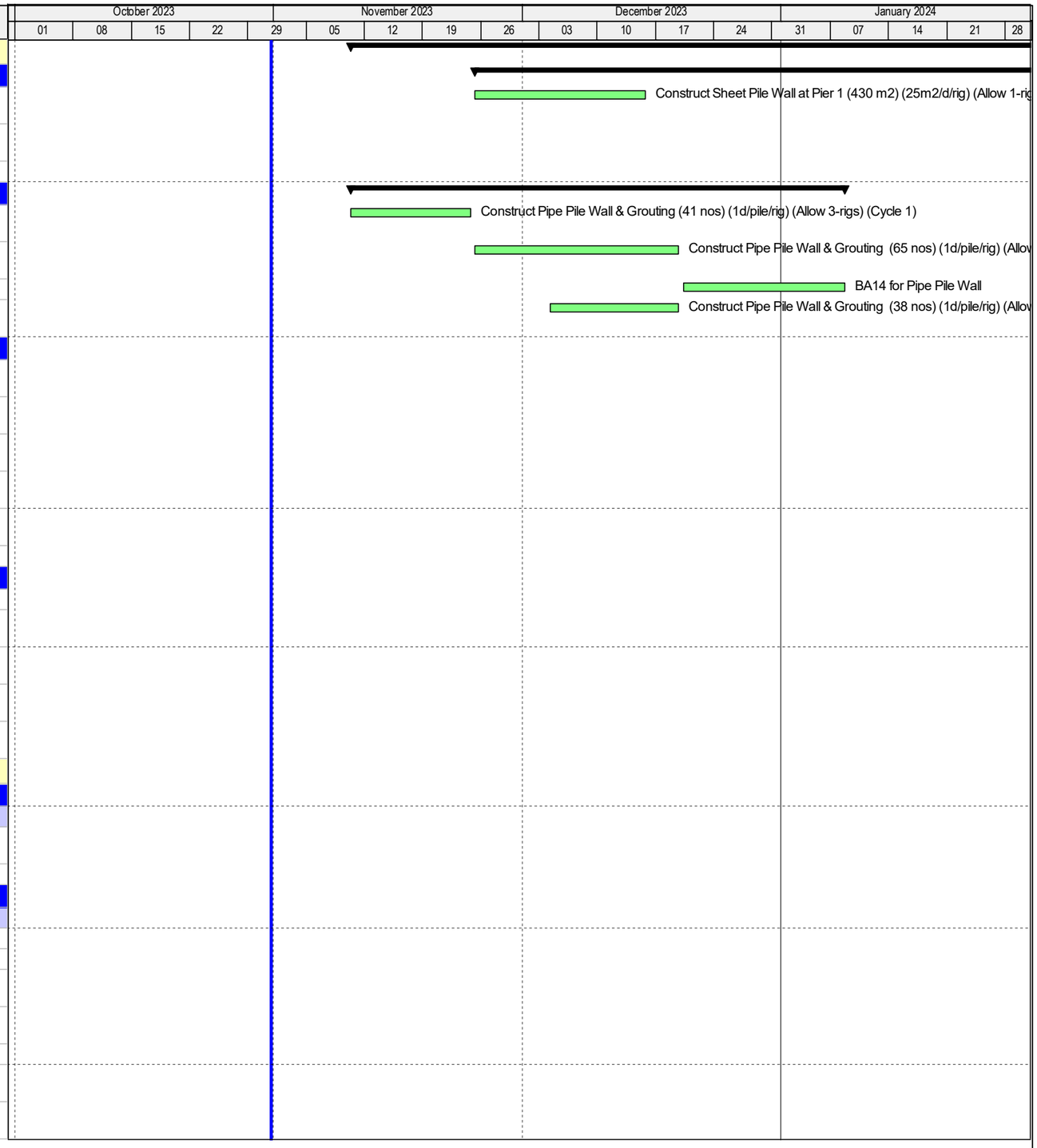
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| **Approach Lobby - Substructure / Pilecaps** | | 220 | 10-Nov-23 | 04-Sep-24 | | -3 |
| ***Pier 1 - Excavation, ELS Works (S1) & Pilecap @ Deck Lvl (+13.112*** | | 158 | 25-Nov-23 | 11-Jun-24 | | -3 |
| 11286-CON-05800 | Construct Sheet Pile Wall at Pier 1 (430 m2) (25m2/d/rig) (Allow 1-rig) | 18 | 25-Nov-23 | 15-Dec-23 | 0% | 32 |
| 11286-CON-05810 | Pier 1 - Excavation & Install of Struts (hard=344m3) (50m3/d/rig) + 1st Layer (12d/layer) | 20 | 30-Apr-24 | 24-May-24 | 0% | -3 |
| 11286-CON-05820 | Pier 1 - Construct Pile Cap near SUW | 14 | 25-May-24 | 11-Jun-24 | 0% | -3 |
| ***Approach Lobby - Pipe Pile Walls*** | | 48 | 10-Nov-23 | 08-Jan-24 | | 15 |
| 11286-CON-05830 | Construct Pipe Pile Wall & Grouting (41 nos) (1d/pile/rig) (Allow 3-rigs) (Cycle 1) | 13 | 10-Nov-23 | 24-Nov-23 | 0% | 15 |
| 11286-CON-05840 | Construct Pipe Pile Wall & Grouting (65 nos) (1d/pile/rig) (Allow 3-rigs) (Cycle 2) | 21 | 25-Nov-23 | 19-Dec-23 | 0% | 15 |
| 11286-CON-05845 | BA14 for Pipe Pile Wall | 14 | 20-Dec-23 | 08-Jan-24 | 0% | 15 |
| 11286-CON-05835 | Construct Pipe Pile Wall & Grouting (38 nos) (1d/pile/rig) (Allow 3-rigs) (Cycle 2) (FP2) | 14 | 04-Dec-23 | 19-Dec-23 | 0% | 15 |
| ***Approach Lobby - Excavation and ELS Works (S2-S4)*** | | 62 | 30-Apr-24 | 23-Jul-24 | | -1 |
| 11286-CON-05850 | Lobby - Excavation at Lvl +6.00 to +3.00mPD (hard=1800m3) (50m3/d/rig) (Allow 2-rigs) | 18 | 30-Apr-24 | 22-May-24 | 0% | -1 |
| 11286-CON-05870 | Lobby - Excavation at Lvl +3.00 to +0.00mPD (hard=1800m3) (50m3/d/rig) (Allow 2-rigs) | 18 | 23-May-24 | 13-Jun-24 | 0% | -1 |
| 11286-CON-05890 | Lobby - Install Struts (S5) & Exc at Lvl +0.00 to -4.675mPD (2500m3) (50m3/d/rig) (Allow 3-rigs) | 21 | 14-Jun-24 | 09-Jul-24 | 0% | -1 |
| 11286-CON-05860 | Lobby - Install Struts (S1 & S2 Layer) at Lvl +6.00 to +0.00mPD (12d/layer) (2-teams) | 18 | 08-May-24 | 29-May-24 | 0% | 1 |
| 11286-CON-05880 | Lobby - Install Struts (S3 & S4 Layer) at Lvl +0.00 to -4.675mPD (12d/layer) (2-teams) | 18 | 30-May-24 | 20-Jun-24 | 0% | 5 |
| 11286-CON-06360 | BA14 for ELS works | 14 | 10-Jul-24 | 23-Jul-24 | 0% | -1 |
| ***Approach Lobby - Pilecaps & Base Slab Construction @Lvl (-3.400*** | | 49 | 10-Jul-24 | 04-Sep-24 | | -3 |
| 11286-CON-05900 | Construct Escalator / Lift Pit / Sump Pit | 12 | 10-Jul-24 | 23-Jul-24 | 0% | -1 |
| 11286-CON-05910 | Blinding works and Install Drainage and Sewage Connection at lobby | 12 | 10-Jul-24 | 23-Jul-24 | 0% | -1 |
| 11286-CON-05930 | Construct Base Slab @ Lobby (2-bays) (14d/bay) (1-workfront) | 21 | 26-Jul-24 | 19-Aug-24 | 0% | -3 |
| 11286-CON-05940 | Construct Base Slab @ Lobby (1-bay) (14d/bay) (1-workfront) | 14 | 20-Aug-24 | 04-Sep-24 | 0% | -3 |
| 11286-CON-05920 | Construct Pilecaps for Abutment (Staircase & Lift) at Lobby @ Lvl -3.400mPD | 21 | 24-Jul-24 | 16-Aug-24 | 0% | -1 |
| **Approach Lobby - Superstructure** | | 212 | 12-Jun-24 | 24-Mar-25 | | 19 |
| ***Bridge Structure (Pier 1 & Segment 8)*** | | 33 | 12-Jun-24 | 25-Jul-24 | | -3 |
| **Pier 1 - RC Column / Pier Construction** | | 33 | 12-Jun-24 | 25-Jul-24 | | -3 |
| 11286-CON-05950 | Pier 1 - Construct Pier 1 near SUW (12d/pier) & Install bearing plate | 14 | 12-Jun-24 | 27-Jun-24 | 0% | -3 |
| 11286-CON-05960 | Pier 1 - Curing Period (1-month) | 28 | 28-Jun-24 | 25-Jul-24 | 0% | -3 |
| ***Approach Lobby - RC Structures*** | | 142 | 17-Aug-24 | 08-Feb-25 | | 58 |
| **Construct RC Concrete @ Concourse to Roof Level (-3.400 to +2.700mPD)** | | 112 | 17-Aug-24 | 31-Dec-24 | | 15 |
| 11286-CON-05970 | Construct Abutment Wall @ Lobby (Cycle 1) | 25 | 17-Aug-24 | 14-Sep-24 | 0% | -1 |
| 11286-CON-06000 | Construct Walls at Lobby (4-bays) (6d/bay) (4-workfront) | 12 | 05-Sep-24 | 19-Sep-24 | 0% | -3 |
| 11286-CON-06010 | Construct Walls at Lobby & Adit (4-bays) (6d/bay) (4-workfront) | 12 | 20-Sep-24 | 04-Oct-24 | 0% | -3 |
| 11286-CON-06020 | Construct Walls at Lobby & Adit (3-bays) (6d/bay) (3-workfront) | 12 | 05-Oct-24 | 19-Oct-24 | 0% | -3 |
| 11286-CON-05990 | Construct Abutment Wall @ Lobby (Cycle 2) | 25 | 16-Sep-24 | 17-Oct-24 | 0% | -1 |
| 11286-CON-06030 | Construct Stair (From Concourse to Roof Lvl) (2-bays) (10d/flight) (2-workfront) | 10 | 21-Oct-24 | 31-Oct-24 | 0% | 3 |
| 11286-CON-06040 | Construct Stair (From Concourse to Roof Lvl) (1-bay) (10d/flight) (1-workfront) | 10 | 01-Nov-24 | 12-Nov-24 | 0% | 3 |

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**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
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| 31-Oct-23 | 11286 3 months rolling programme | | |
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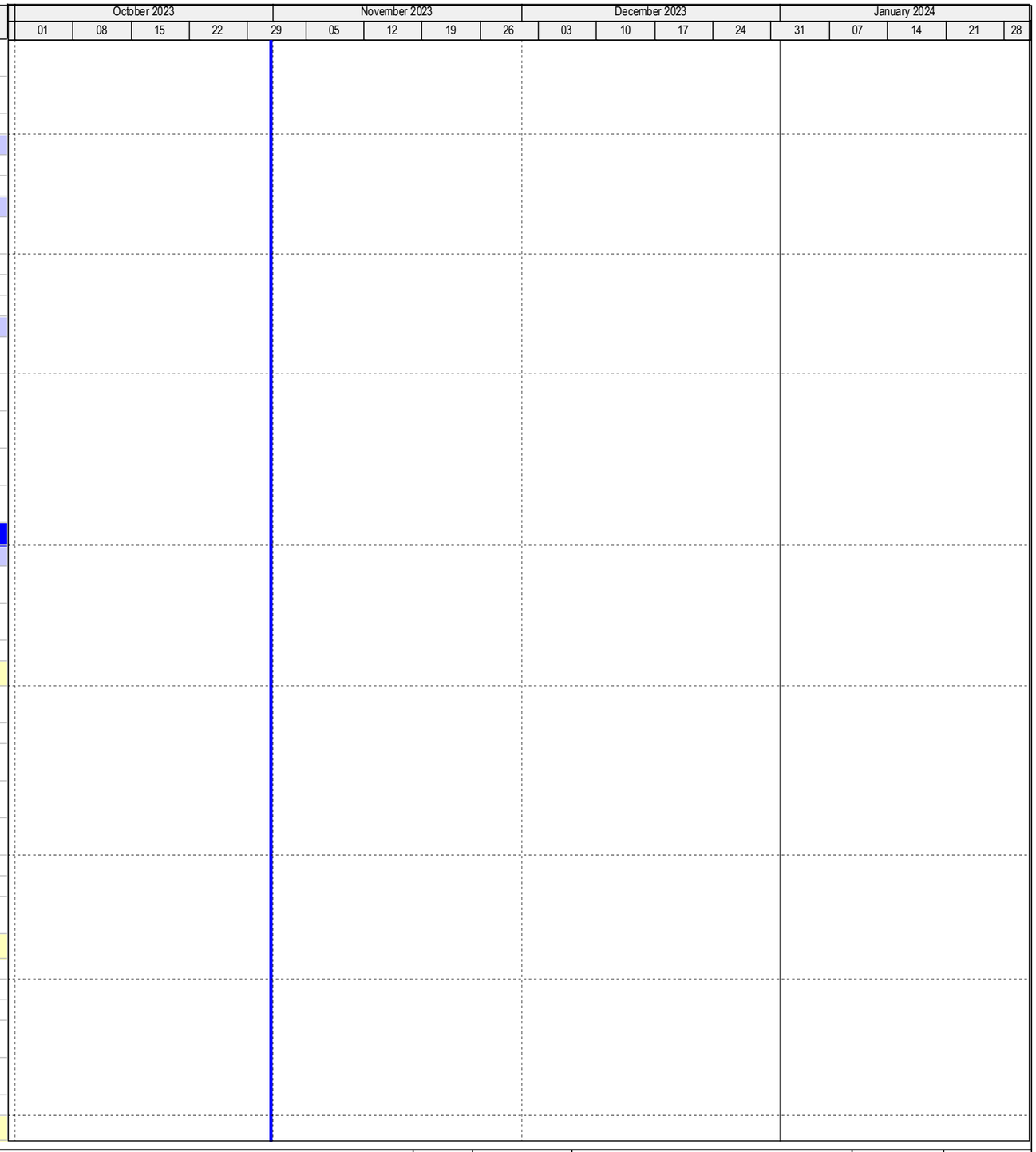
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-06050 | Construct Roof Slab at ADIT Area (1-bay) (12d/bay) (1-workfront) | 12 | 21-Oct-24 | 02-Nov-24 | 0% | -3 |
| 11286-CON-06060 | Construct Roof Slab at Concourse Area (2-bays) (12d/bay) (1-workfront) | 24 | 04-Nov-24 | 30-Nov-24 | 0% | -3 |
| 11286-CON-06070 | Apply roof waterproofing at roof level (+2.700mPD) & Backfill | 24 | 02-Dec-24 | 31-Dec-24 | 0% | 15 |
| **Construct RC Concrete @ Roof to Ground Level (+2.700 to +6.950 / +8.200mPI** | | 32 | 13-Nov-24 | 19-Dec-24 | | 3 |
| 11286-CON-06080 | Construct Walls at Lobby (4-bays) (6d/bay) (2-workfront) | 12 | 13-Nov-24 | 26-Nov-24 | 0% | 3 |
| 11286-CON-06090 | Construct Stair at Lobby (2-bays) (10d/flight) (2-workfront) | 20 | 27-Nov-24 | 19-Dec-24 | 0% | 3 |
| **Construct RC Concrete @ Ground to Bridge Deck Level (+6.950 to +13.112mPI** | | 74 | 18-Oct-24 | 15-Jan-25 | | 3 |
| 11286-CON-06100 | Construct Pilecaps @ Lvl +4.600mPD, After Abutment Wall Complete (1-workfront) | 28 | 18-Oct-24 | 19-Nov-24 | 0% | 17 |
| 11286-CON-06110 | Construct Walls at Lobby (4-bays) (6d/bay) (2-workfront) | 12 | 27-Nov-24 | 10-Dec-24 | 0% | 11 |
| 11286-CON-06130 | Construct Stair at Lobby (2-bays) (10d/flight) (2-workfront) | 10 | 20-Dec-24 | 03-Jan-25 | 0% | 3 |
| 11286-CON-06150 | Construct Stair at Lobby (1-bay) (10d/flight) (1-workfront) | 10 | 04-Jan-25 | 15-Jan-25 | 0% | 3 |
| **Removal of Struts at Concourse Lvl (S1 to S4)** | | 42 | 16-Dec-24 | 08-Feb-25 | | 58 |
| 11286-CON-06120 | Removal of Struts at Lobby & Adit S1 & S2 (2-Layers) (6d/layer) (1-workfront) | 12 | 16-Dec-24 | 31-Dec-24 | 0% | -3 |
| 11286-CON-06170 | All Concrete Works Complete @ Approach Lobby and ready for steelworks erection | 0 | | 22-Jan-25 | 0% | -3 |
| 11286-CON-06160 | Concrete In-Fill to holes opening at walls, waterproofing & install flood protection | 6 | 16-Jan-25 | 22-Jan-25 | 0% | -3 |
| 11286-CON-06140 | Removal of Struts at Lobby & Adit S3 & S4 (2-Layers) (6d/layer) (1-workfront) | 12 | 02-Jan-25 | 15-Jan-25 | 0% | -3 |
| 11286-CON-06180 | Move-In Lift & Escalator Equipments inside the Lobby, After removal of Struts S1 to S4 | 12 | 23-Jan-25 | 08-Feb-25 | 0% | 58 |
| ***Approach Lobby - Structural Steelworks*** | | 49 | 23-Jan-25 | 24-Mar-25 | | 16 |
| **Erection of Steel Frame @ Ground Lvl to Bridge Roof Level (+7.000 to +17.60** | | 49 | 23-Jan-25 | 24-Mar-25 | | 16 |
| 11286-CON-06190 | Erect Steelworks @ GL C2-C5 / X1-X2 (From G/F to Bridge Deck Level) | 16 | 23-Jan-25 | 13-Feb-25 | 0% | -3 |
| 11286-CON-06200 | Erect Steelworks @ GL C3-P1 / X1-X2 (From Bridge Deck to Bridge Deck Roof Level) | 21 | 14-Feb-25 | 10-Mar-25 | 0% | -3 |
| 11286-CON-06210 | Install metal cat-ladders (2-nos) | 12 | 11-Mar-25 | 24-Mar-25 | 0% | 16 |
| **Approach Lobby - External Claddings (Roof & Walls)** | | 35 | 11-Mar-25 | 24-Apr-25 | | -3 |
| 11286-CON-06220 | Waterproofing works, gutter installation and drainage system to roof (Deg 1) | 12 | 11-Mar-25 | 24-Mar-25 | 0% | -3 |
| 11286-CON-06250 | Install external aluminium roof cladding (Deg 2) | 12 | 02-Apr-25 | 16-Apr-25 | 0% | -3 |
| 11286-CON-06280 | Install external aluminium cladding & louvre to Entrance Façade (Deg 2) | 11 | 02-Apr-25 | 15-Apr-25 | 0% | -2 |
| 11286-CON-06290 | Approach Lobby Complete Weathertigh & ready for ABWF / E&M Works | 0 | | 16-Apr-25 | 0% | -3 |
| 11286-CON-06230 | Install Rockwool with standing seam system installation (Deg 1) | 6 | 25-Mar-25 | 31-Mar-25 | 0% | -3 |
| 11286-CON-06260 | Install external glazing panel to wall (Deg 2) | 16 | 02-Apr-25 | 24-Apr-25 | 0% | -3 |
| 11286-CON-06240 | Install Fall arrest system installation (Deg 1) | 6 | 26-Mar-25 | 01-Apr-25 | 0% | -3 |
| 11286-CON-06270 | Aluminium Cladding & Extrusion installation to lift shaft (Deg 2) | 12 | 02-Apr-25 | 16-Apr-25 | 0% | -3 |
| **Approach Lobby - External Works and Reinstatement Works** | | 154 | 02-Jan-25 | 12-Jul-25 | | 138 |
| 11286-CON-06320 | Construct External Storm Manhloes (5-nos) | 25 | 27-Feb-25 | 27-Mar-25 | 0% | 137 |
| 11286-CON-06340 | Reinstatement Works at lobby (Cycle 1) | 28 | 07-May-25 | 09-Jun-25 | 0% | 138 |
| 11286-CON-06350 | Reinstatement Works at lobby (Cycle 2) | 28 | 10-Jun-25 | 12-Jul-25 | 0% | 138 |
| 11286-CON-06330 | Install U/G drainage/sewage pipeworks connections to Lobby & backfill | 28 | 28-Mar-25 | 06-May-25 | 0% | 137 |
| 11286-CON-06300 | Construct (7.8m x 4.2m) U/G Manhole (1-no), After RC wall complete (Cycle 1) | 28 | 02-Jan-25 | 06-Feb-25 | 0% | 137 |
| 11286-CON-06310 | Construct (7.8m x 4.2m) U/G Manhole (1-no) (Cycle 2) | 17 | 07-Feb-25 | 26-Feb-25 | 0% | 137 |
| **Approach Lobby - ABWF Works** | | 177 | 17-Apr-25 | 20-Nov-25 | | 29 |




◆ ◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

# MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station

# 3 Months Rolling Programme (DD: 31 Oct 2023)

## (based on Revised Programme for Acceptance (Oct-23))



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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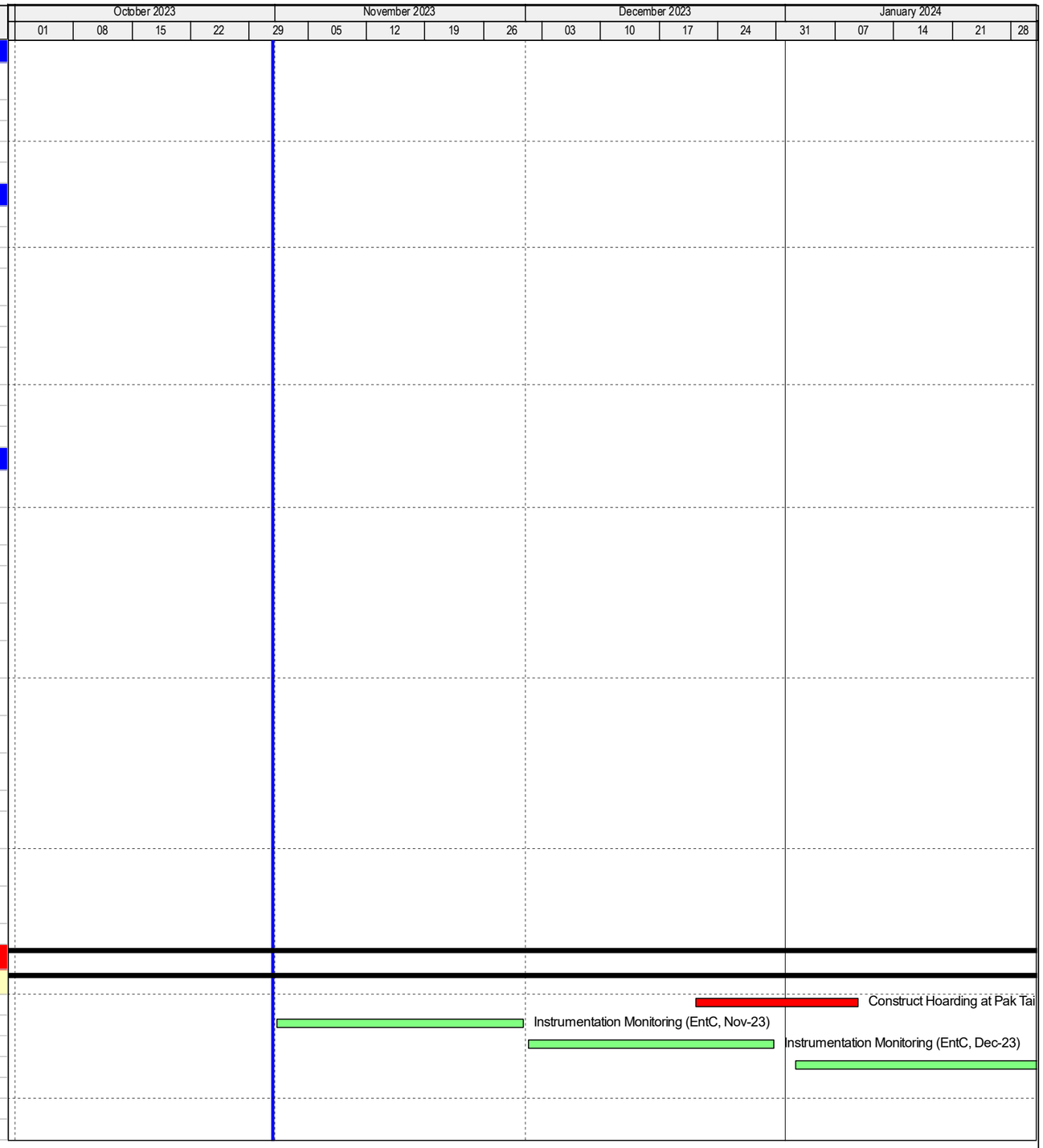
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| **Approach Lobby /Elect Equipt Room - ABWF Works** | | 100 | 17-Apr-25 | 19-Aug-25 | | 106 |
| 11286-CON-06370 | Elect Equipt Room - ABWF (Blockworks, Door frame & Plastering Works) (Deg 1) | 12 | 17-Apr-25 | 06-May-25 | 0% | -3 |
| 11286-CON-06390 | Elect Equipt Room - Floor Screeding (Deg 1) | 6 | 22-May-25 | 28-May-25 | 0% | -3 |
| 11286-CON-06400 | Elect Equipt Room - Ceiling & Wall Painting (Deg 2) | 10 | 05-Aug-25 | 15-Aug-25 | 0% | 106 |
| 11286-CON-06380 | Elect Equipt Room - Floor waterproofing (Deg 1) | 13 | 07-May-25 | 21-May-25 | 0% | -3 |
| 11286-CON-06410 | Elect Equipt Room - Install Door Panels (Deg 3) | 3 | 16-Aug-25 | 19-Aug-25 | 0% | 106 |
| **Approach Lobby / Concourse Level - ABWF Works** | | 125 | 17-Apr-25 | 17-Sep-25 | | 81 |
| 11286-CON-06420 | Concourse Level - Ceiling support frame installation (Deg 1) | 12 | 17-Apr-25 | 06-May-25 | 0% | -3 |
| 11286-CON-06430 | Concourse Level - Ceiling sub-frame installation (Deg 1) | 12 | 07-May-25 | 20-May-25 | 0% | -3 |
| 11286-CON-06440 | Concourse Level - Floor screeding (Deg 1) | 14 | 21-May-25 | 06-Jun-25 | 0% | 28 |
| 11286-CON-06460 | Concourse Level - Ceiling Panel / Finishes installation (Deg 2) | 12 | 31-Jul-25 | 13-Aug-25 | 0% | -3 |
| 11286-CON-06480 | Concourse Level - Floor finishes installation (Deg 2) | 12 | 28-Aug-25 | 10-Sep-25 | 0% | -3 |
| 11286-CON-06450 | Concourse Level - Wall plastering (Deg 1) | 14 | 07-Jun-25 | 23-Jun-25 | 0% | 28 |
| 11286-CON-06470 | Concourse Level - Wall finishes installation (Mosiac Tiles / Alum Claddings) (Deg 2) | 12 | 14-Aug-25 | 27-Aug-25 | 0% | -3 |
| 11286-CON-06490 | Concourse Level - Door panel installation (Deg 3) | 6 | 11-Sep-25 | 17-Sep-25 | 0% | 81 |
| 11286-CON-06500 | Concourse Level - Fixtures & Fitting works (Deg 3) | 6 | 11-Sep-25 | 17-Sep-25 | 0% | 81 |
| 11286-CON-06510 | Concourse Level - Signage works (Deg 3) | 6 | 11-Sep-25 | 17-Sep-25 | 0% | -3 |
| **Approach Lobby / Staircase - ABWF Works** | | 177 | 17-Apr-25 | 20-Nov-25 | | 29 |
| 11286-CON-06540 | Approach Lobby / Staircase - Ceiling support frame installation (Deg 1) | 16 | 25-Apr-25 | 15-May-25 | 0% | -3 |
| 11286-CON-06550 | Approach Lobby / Staircase - Ceiling sub-frame installation (Deg 1) | 18 | 06-May-25 | 26-May-25 | 0% | -3 |
| 11286-CON-06570 | Approach Lobby / Staircase - Floor screeding (Deg 1) | 14 | 27-May-25 | 12-Jun-25 | 0% | -3 |
| 11286-CON-06590 | Approach Lobby / Staircase - Ceiling Panel / Finishes installation (Deg 2) | 12 | 30-Aug-25 | 12-Sep-25 | 0% | 29 |
| 11286-CON-06610 | Approach Lobby / Staircase - Floor finishes installation (Deg 2) | 20 | 14-Oct-25 | 06-Nov-25 | 0% | 29 |
| 11286-CON-06580 | Approach Lobby / Staircase - Wall plastering, Then give access to E&M Escalator (Deg 1) | 12 | 09-Jun-25 | 21-Jun-25 | 0% | -3 |
| 11286-CON-06600 | Approach Lobby / Staircase - Wall finish installation (Mosiac Tiles / Alum Claddings) (Deg 2) | 24 | 13-Sep-25 | 13-Oct-25 | 0% | 29 |
| 11286-CON-06620 | Approach Lobby / Staircase - Door panel installation (Deg 3) | 12 | 07-Nov-25 | 20-Nov-25 | 0% | 29 |
| 11286-CON-06630 | Approach Lobby / Staircase - Fixtures & Fitting works (Deg 3) | 12 | 07-Nov-25 | 20-Nov-25 | 0% | 29 |
| 11286-CON-06640 | Approach Lobby / Staircase - Handrail Installation (Deg 3) | 12 | 07-Nov-25 | 20-Nov-25 | 0% | 29 |
| 11286-CON-06520 | Approach Lobby / Staircase - Waterproofing & protective screeding to escalator pit (Deg 1) | 14 | 17-Apr-25 | 08-May-25 | 0% | -3 |
| 11286-CON-06530 | Approach Lobby / Staircase - Painting works to lift shaft (Deg 2) | 6 | 09-May-25 | 15-May-25 | 0% | -3 |
| 11286-CON-06560 | Approach Lobby / Staircase - Install Post for Handrail (Deg 1) | 7 | 19-May-25 | 26-May-25 | 0% | -3 |
| 11286-CON-06650 | Approach Lobby / Staircase - Signage works (Deg 3) | 12 | 07-Nov-25 | 20-Nov-25 | 0% | 29 |
| **Cost Centre D: Entrance C at Pak Tai Street** | | 554 | 23-Jun-23 A | 22-Nov-25 | | 146 |
| **Site Clearance & Mobilization & Establishment** | | 612 | 26-Jun-23 A | 22-Nov-25 | | 51 |
| 11286-MOB-07380 | Construct Hoarding at Pak Tai Street | 14 | 21-Dec-23 | 09-Jan-24 | 0% | 0 |
| 11286-MOB-07370b | Instrumentation Monitoring (EntC, Nov-23) | 26 | 01-Nov-23 | 30-Nov-23 | 0% | 51 |
| 11286-MOB-07370c | Instrumentation Monitoring (EntC, Dec-23) | 24 | 01-Dec-23 | 30-Dec-23 | 0% | 51 |
| 11286-MOB-07370d | Instrumentation Monitoring (EntC, Jan-24) | 26 | 02-Jan-24 | 31-Jan-24 | 0% | 51 |
| 11286-MOB-07370e | Instrumentation Monitoring (EntC, Feb-24) | 22 | 01-Feb-24 | 29-Feb-24 | 0% | 51 |
| 11286-MOB-07370f | Instrumentation Monitoring (EntC, Mar-24) | 24 | 01-Mar-24 | 28-Mar-24 | 0% | 51 |
| 11286-MOB-07370g | Instrumentation Monitoring (EntC, Apr-24) | 24 | 02-Apr-24 | 30-Apr-24 | 0% | 51 |




◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

# MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station

# 3 Months Rolling Programme (DD: 31 Oct 2023)

## (based on Revised Programme for Acceptance (Oct-23))



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-MOB-07370h | Instrumentation Monitoring (EntC, May-24) | 25 | 02-May-24 | 31-May-24 | 0% | 51 |
| 11286-MOB-07370i | Instrumentation Monitoring (EntC, Jun-24) | 24 | 01-Jun-24 | 29-Jun-24 | 0% | 51 |
| 11286-MOB-07370j | Instrumentation Monitoring (EntC, Jul-24) | 26 | 02-Jul-24 | 31-Jul-24 | 0% | 51 |
| 11286-MOB-07370k | Instrumentation Monitoring (EntC, Aug-24) | 27 | 01-Aug-24 | 31-Aug-24 | 0% | 51 |
| 11286-MOB-07370l | Instrumentation Monitoring (EntC, Sep-24) | 24 | 02-Sep-24 | 30-Sep-24 | 0% | 51 |
| 11286-MOB-07370m | Instrumentation Monitoring (EntC, Oct-24) | 25 | 02-Oct-24 | 31-Oct-24 | 0% | 51 |
| 11286-MOB-07370n | Instrumentation Monitoring (EntC, Nov-24) | 26 | 01-Nov-24 | 30-Nov-24 | 0% | 51 |
| 11286-MOB-07370o | Instrumentation Monitoring (EntC, Dec-24) | 24 | 02-Dec-24 | 31-Dec-24 | 0% | 51 |
| 11286-MOB-07370p | Instrumentation Monitoring (EntC, Jan-25) | 23 | 02-Jan-25 | 28-Jan-25 | 0% | 51 |
| 11286-MOB-07370q | Instrumentation Monitoring (EntC, Feb-25) | 24 | 01-Feb-25 | 28-Feb-25 | 0% | 51 |
| 11286-MOB-07370r | Instrumentation Monitoring (EntC, Mar-25) | 26 | 01-Mar-25 | 31-Mar-25 | 0% | 51 |
| 11286-MOB-07370s | Instrumentation Monitoring (EntC, Apr-25) | 22 | 01-Apr-25 | 30-Apr-25 | 0% | 51 |
| 11286-MOB-07370t | Instrumentation Monitoring (EntC, May-25) | 24 | 02-May-25 | 30-May-25 | 0% | 51 |
| 11286-MOB-07370u | Instrumentation Monitoring (EntC, Jun-25) | 25 | 02-Jun-25 | 30-Jun-25 | 0% | 51 |
| 11286-MOB-07370v | Instrumentation Monitoring (EntC, Jul-25) | 26 | 02-Jul-25 | 31-Jul-25 | 0% | 51 |
| 11286-MOB-07370w | Instrumentation Monitoring (EntC, Aug-25) | 26 | 01-Aug-25 | 30-Aug-25 | 0% | 51 |
| 11286-MOB-07370x | Instrumentation Monitoring (EntC, Sep-25) | 26 | 01-Sep-25 | 30-Sep-25 | 0% | 51 |
| 11286-MOB-07370y | Instrumentation Monitoring (EntC, Oct-25) | 24 | 02-Oct-25 | 31-Oct-25 | 0% | 51 |
| 11286-MOB-07370z | Instrumentation Monitoring (EntC, Nov-25) | 19 | 01-Nov-25 | 22-Nov-25 | 0% | 51 |
| 11286-MOB-07340 | Implement TTMS Entrance C at Pak Tai Street | 0 | 26-Jun-23 A | 01-Nov-23 | 100% | 43 |
| 11286-MOB-07350 | Mobilisation of Plant and Site Establishment | 0 | 26-Jul-23 A | 31-Aug-23 A | 100% | |
| 11286-MOB-07360 | Install Instrumentation | 0 | 20-Jul-23 A | 25-Oct-23 A | 100% | |
| 11286-MOB-07370 | Instrumentation Monitoring (EntC, Sep-23) | 0 | 22-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-MOB-07370a | Instrumentation Monitoring (EntC, Oct-23) | 0 | 01-Oct-23 A | 31-Oct-23 A | 100% | |
| **Entrance C - Utilities Diversion** | | 56 | 23-Jun-23 A | 08-Jan-24 | | 706 |
| ***Utilities Diversion & Removal Underground Structure*** | | 56 | 23-Jun-23 A | 08-Jan-24 | | 706 |
| 11286-MOB-07390 | Minor UU diversion at Park Tai Street - Stage 1a (Gas Main) | 28 | 22-Sep-23 A | 02-Dec-23 | 0% | 734 |
| 11286-MOB-07400 | Street lamp posts relocation at Pak Tai Street | 28 | 01-Nov-23 | 02-Dec-23 | 0% | 47 |
| 11286-MOB-07410 | Demolish existing concrete footing at Pak Tai Street, (Hard= 585m3) (3.5m3/rotator/d) (Cycle 1) | 28 | 22-Sep-23 A | 02-Dec-23 | 0% | 99 |
| 11286-MOB-07420 | Minor UU diversion at Park Tai Street - Stage 2 (Telecommunication) | 22 | 23-Jun-23 A | 02-Dec-23 | 0% | 47 |
| 11286-MOB-07430 | Demolish existing concrete footing at Pak Tai Street, (Hard= 585m3) (3.5m3/rotator/d)(Cycle 2) | 28 | 04-Dec-23 | 08-Jan-24 | 0% | 99 |
| **Entrance C - Foundation & Substructure** | | 127 | 08-Aug-23 A | 03-Jul-24 | | 0 |
| ***G.I. / Pre-drilling Works*** | | 0 | 08-Aug-23 A | 29-Sep-23 A | | |
| 11286-CON-07440 | Predrilling / G.I. Works at Pier 1 and Lobby (9 nos) (3d/hole/rig) (Allow 2-rigs) & Piling Rig Mobilization | 0 | 08-Aug-23 A | 29-Sep-23 A | 100% | |
| ***Piling Works (Socket H-Piles)*** | | 60 | 31-Jan-24 | 24-Apr-24 | | 0 |
| 11286-CON-07460 | Construct Socket H-pile for Entrance C & Pier 4 at Pak Tai Street (8nos) (3d/pile) (Ave depth=56m) (Allow 2-rigs) | 12 | 31-Jan-24 | 16-Feb-24 | 0% | 0 |
| 11286-CON-07470 | H-pile load test at Pak Tai Street | 35 | 02-Mar-24 | 05-Apr-24 | 0% | 0 |
| 11286-CON-07840 | BA14 acknowledgement | 12 | 13-Apr-24 | 24-Apr-24 | 0% | 0 |
| 11286-CON-07465 | Construct Socket H-pile for Entrance C & Pier 4 at Pak Tai Street (8nos) (3d/pile) (Ave depth=56m) (Allow 2-rigs) | 12 | 17-Feb-24 | 01-Mar-24 | 0% | 0 |
| 11286-CON-07475 | H-pile load test Report Prepare and Submit | 7 | 06-Apr-24 | 12-Apr-24 | 0% | 0 |
| ***Pile Cap*** | | 127 | 10-Jan-24 | 03-Jul-24 | | 0 |
| 11286-CON-07480 | Construct Sheet Pile wall & Grouting at Pak Tai Street (Allow 1-rig) | 18 | 10-Jan-24 | 30-Jan-24 | 0% | 0 |
| 11286-CON-07490 | Excavation & install Struts at Pak Tai Street (Soft=500m3) (300m3/rig/d) (1-rig)+1 layer Strut, 12d/layer) | 14 | 25-Apr-24 | 11-May-24 | 0% | 0 |
| 11286-CON-07510 | Construct Drainage and Sewage Connection | 25 | 13-May-24 | 12-Jun-24 | 0% | 17 |
| 11286-CON-07520 | Construct Pile Cap for Abutment Wall (Including Escalator Pit) (14d/bay) (2bays) | 28 | 30-May-24 | 03-Jul-24 | 0% | 0 |


◆ Milestone
Overall Summary Bar
Sub-Summary Bar
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Actual Level of Effort

# MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station

# 3 Months Rolling Programme (DD: 31 Oct 2023)

## (based on Revised Programme for Acceptance (Oct-23))



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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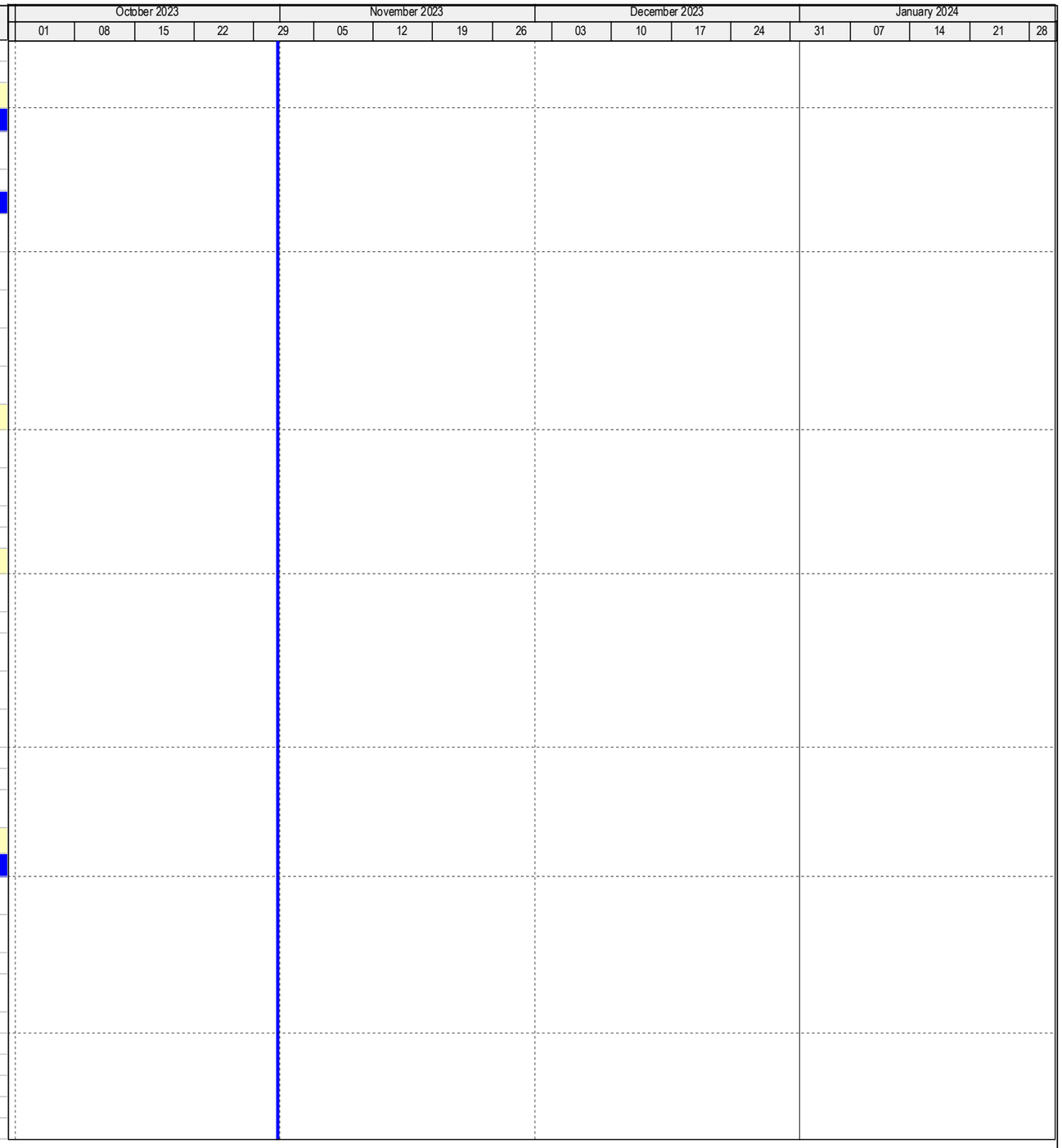
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-07500 | Construct Lift Pit (1-no) @ GL C17 / X4 | 14 | 13-May-24 | 29-May-24 | 0% | 0 |
| 11286-CON-07450 | Pumping test | 7 | 02-Mar-24 | 08-Mar-24 | 0% | 47 |
| **Entrance C - Superstructure (RC Works)** | | 72 | 04-Jul-24 | 07-Oct-24 | | 0 |
| ***RC Concrete / Abutment Wall for Pier # 4*** | | 43 | 04-Jul-24 | 28-Aug-24 | | 0 |
| 11286-CON-07530 | Construct Abutment Wall (Ht=7.10m) (2-pour) (12d/pour) for Pier 4 & Install bearing plate | 24 | 04-Jul-24 | 31-Jul-24 | 0% | 0 |
| 11286-CON-07550 | Pier 1 - Curing Period (1-month) | 28 | 01-Aug-24 | 28-Aug-24 | 0% | 0 |
| ***RC Concrete / Entrance C Stairs to Bridge Deck @ (Elev +5.45 to +1*** | | 56 | 01-Aug-24 | 07-Oct-24 | | 0 |
| 11286-CON-07540 | Construct RC Walls @ GLC20-C19 / X3-X4 (4-bays) (6d/bay) (2-workfront) | 12 | 01-Aug-24 | 14-Aug-24 | 0% | 0 |
| 11286-CON-07560 | Construct RC Walls @ GLC19-C18 / X3-X4 (4-bays) (6d/bay) (2-workfront) | 12 | 15-Aug-24 | 28-Aug-24 | 0% | 0 |
| 11286-CON-07570 | Construct RC Walls @ GLC18-C17 / X3-X4 (4-bays) (6d/bay) (2-workfront) | 12 | 29-Aug-24 | 11-Sep-24 | 0% | 0 |
| 11286-CON-07580 | Construct Stair @ GLC19-C20 / X3-X4 (2-bays) (10d/flight) (2-workfront) | 20 | 12-Sep-24 | 07-Oct-24 | 0% | 0 |
| 11286-CON-07590 | Construct RC stub wall & slab @ Elev +5.29mPD, GLC17-C18 / X3-X4 (1-bay) /(1-workfront) | 12 | 23-Sep-24 | 07-Oct-24 | 0% | 0 |
| **Entrance C - Superstructure (Steelworks)** | | 60 | 15-Oct-24 | 23-Dec-24 | | -5 |
| 11286-CON-07600 | Erect Steel frame (Bottom Level) @ GL C17-C19 / X3-X4 (Elev +9.00mPD) | 16 | 15-Oct-24 | 01-Nov-24 | 0% | -5 |
| 11286-CON-07610 | Erect Steelworks From G/F to Bridge Deck Roof @ Elev +6.650 to +15.52mPD | 24 | 02-Nov-24 | 29-Nov-24 | 0% | -5 |
| 11286-CON-07620 | Install Metal Bondek at Bridge Deck Level | 6 | 30-Nov-24 | 06-Dec-24 | 0% | -5 |
| 11286-CON-07630 | Construct 300 Thk Bridgedeck Slab | 14 | 07-Dec-24 | 23-Dec-24 | 0% | -5 |
| **Entrance C - External Claddings (Roof & Walls)** | | 60 | 24-Dec-24 | 10-Mar-25 | | -5 |
| 11286-CON-07640 | Waterproofing, gutter installation and drainage system to roof (Deg 1) | 7 | 24-Dec-24 | 03-Jan-25 | 0% | -5 |
| 11286-CON-07670 | Install external aluminium roof cladding (Deg 2) | 14 | 25-Jan-25 | 13-Feb-25 | 0% | 16 |
| 11286-CON-07700 | Install external aluminium cladding & louvre to Entrance Façade (Deg 2) | 21 | 14-Feb-25 | 10-Mar-25 | 0% | -5 |
| 11286-CON-07710 | Entrance C - Complete Weathertigh & ready for ABWF / E&M Works | 0 | | 10-Mar-25 | 0% | -5 |
| 11286-CON-07650 | Install Rockwool with standing seam system installation (Deg 1) | 12 | 04-Jan-25 | 17-Jan-25 | 0% | -5 |
| 11286-CON-07680 | Install external glazing panel to wall & grouting (Deg 2) | 14 | 25-Jan-25 | 13-Feb-25 | 0% | -5 |
| 11286-CON-07660 | Install Fall arrest system installation (Deg 1) | 6 | 18-Jan-25 | 24-Jan-25 | 0% | -5 |
| 11286-CON-07690 | Aluminium Cladding & Extrusion installation to lift shaft (Deg 2) | 14 | 14-Feb-25 | 01-Mar-25 | 0% | 2 |
| **Entrance C - ABWF Works** | | 218 | 24-Dec-24 | 19-Sep-25 | | 79 |
| ***Entrance C / Lobby Area - ABWF Works*** | | 120 | 24-Dec-24 | 26-May-25 | | 177 |
| 11286-CON-07730 | Entrance C / Lobby Lvl - Ceiling support frame installation (Deg 1) | 8 | 24-Dec-24 | 04-Jan-25 | 0% | 41 |
| 11286-CON-07750 | Entrance C / Lobby Lvl - Ceiling sub-frame installation (Deg 1) | 10 | 06-Jan-25 | 16-Jan-25 | 0% | 41 |
| 11286-CON-07770 | Entrance C / Lobby Lvl - Floor screeding (Deg 1) | 6 | 22-Jan-25 | 28-Jan-25 | 0% | 207 |
| 11286-CON-07800 | Entrance C / Lobby Lvl - Ceiling Finishes installation (Deg 2) | 12 | 25-Mar-25 | 08-Apr-25 | 0% | 177 |
| 11286-CON-07820 | Entrance C / Lobby Lvl - Floor finishes installation (Deg 2) | 12 | 26-Apr-25 | 12-May-25 | 0% | 177 |
| 11286-CON-07790 | Entrance C / Lobby Lvl - Wall plastering (Deg 1) | 7 | 10-Feb-25 | 17-Feb-25 | 0% | 207 |
| 11286-CON-07810 | Entrance C / Lobby Lvl - Wall finishes installation (Deg 2) | 12 | 09-Apr-25 | 25-Apr-25 | 0% | 177 |
| 11286-CON-07830 | Entrance C / Lobby Lvl - Door panel installation (Deg 3) | 6 | 13-May-25 | 19-May-25 | 0% | 177 |
| 11286-CON-07850 | Entrance C / Lobby Lvl - Fixtures & Fitting works (Deg 3) | 6 | 20-May-25 | 26-May-25 | 0% | 177 |
| 11286-CON-07860 | Entrance C / Lobby Lvl - Signage works (Deg 3) | 6 | 13-May-25 | 19-May-25 | 0% | 183 |




◆ ◆ Milestone
Overall Summary Bar
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Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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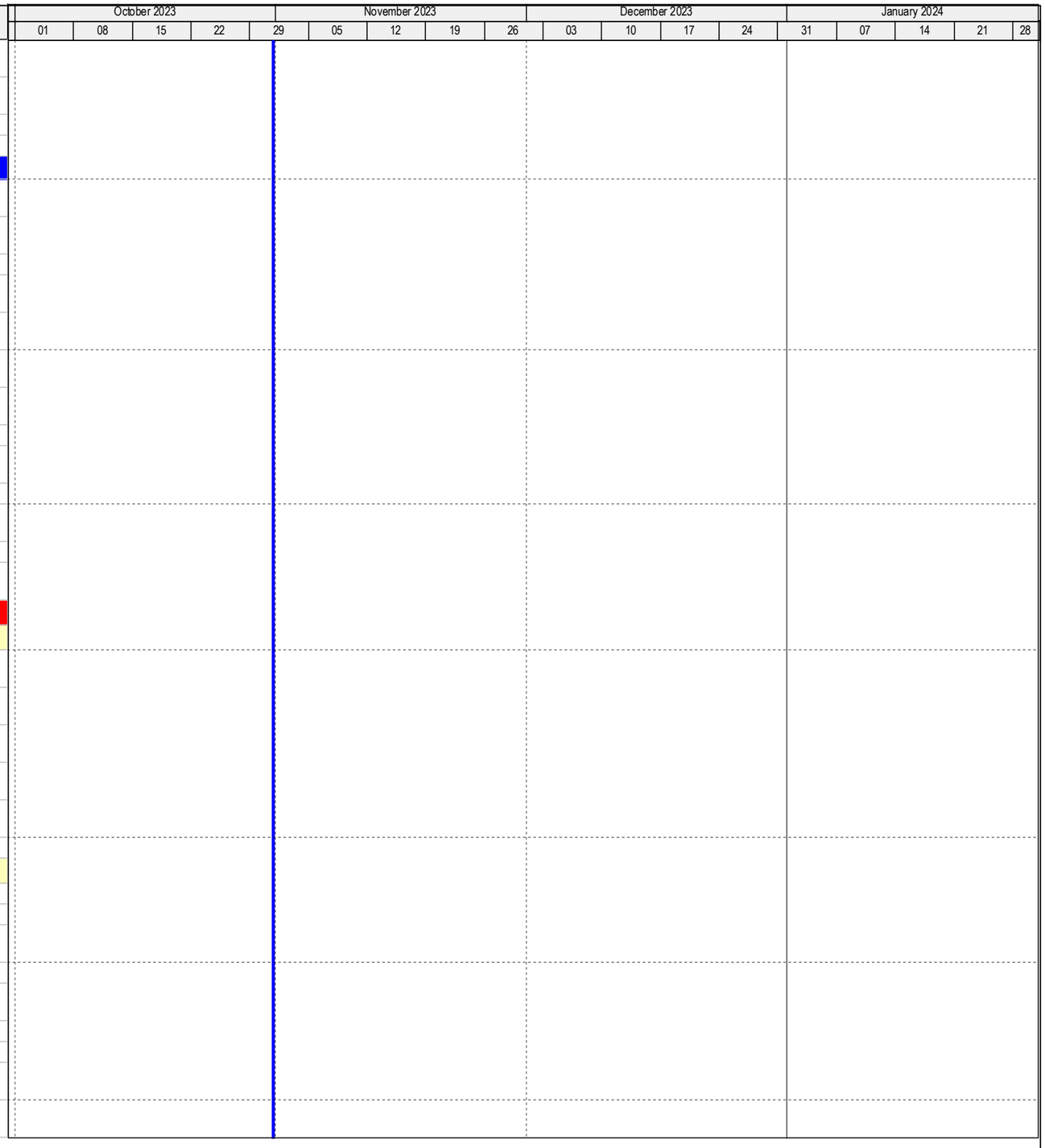
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-07740 | Entrance C / Lobby Lvl - Shutter Support Frame Installation (Deg 1) | 8 | 24-Dec-24 | 04-Jan-25 | 0% | 41 |
| 11286-CON-07760 | Entrance C / Lobby Lvl - Post for Handrail & Balustrade Installation (Deg 1) | 4 | 17-Jan-25 | 21-Jan-25 | 0% | 207 |
| 11286-CON-07780 | Entrance C / Lobby Lvl - Shutters Installation (Deg 1) | 7 | 01-Feb-25 | 08-Feb-25 | 0% | 207 |
| 11286-CON-07720 | Entrance C / Lobby Lvl - Painting works to Lift Shaft (Deg 2) | 6 | 24-Dec-24 | 02-Jan-25 | 0% | 87 |
| ***Entrance C / Staircase & Bridge Deck - ABWF Works*** | | 158 | 11-Mar-25 | 19-Sep-25 | | 79 |
| 11286-CON-07880 | Staircase & Bridge Deck Lvl - Ceiling support frame installation (Deg 1) | 18 | 27-Mar-25 | 17-Apr-25 | 0% | -5 |
| 11286-CON-07890 | Staircase & Bridge Deck Lvl - Ceiling sub-frame installation (Deg 1) | 18 | 08-Apr-25 | 02-May-25 | 0% | -5 |
| 11286-CON-07910 | Staircase & Bridge Deck Lvl - Floor screeding (Deg 1) | 18 | 03-May-25 | 24-May-25 | 0% | 12 |
| 11286-CON-07930 | Staircase & Bridge Deck Lvl - Ceiling Panel / Finishes installation (Deg 2) | 6 | 09-Jul-25 | 15-Jul-25 | 0% | -5 |
| 11286-CON-07950 | Staircase & Bridge Deck Lvl - Floor finishes installation (Deg 2) | 12 | 30-Jul-25 | 12-Aug-25 | 0% | -5 |
| 11286-CON-07920 | Staircase & Bridge Deck Lvl - Wall plastering & Give access to E&M Escalator (Deg 1) | 14 | 16-May-25 | 02-Jun-25 | 0% | 12 |
| 11286-CON-07940 | Staircase & Bridge Deck Lvl - Wall finishes installation (Mosiac Tiles / Alum Claddings) (Deg 2) | 12 | 16-Jul-25 | 29-Jul-25 | 0% | -5 |
| 11286-CON-07960 | Staircase & Bridge Deck Lvl - Door panel installation (Deg 3) | 12 | 13-Aug-25 | 26-Aug-25 | 0% | 88 |
| 11286-CON-07980 | Staircase & Bridge Deck Lvl - Fixtures & Fitting works, Signage works (Deg 3) | 12 | 27-Aug-25 | 09-Sep-25 | 0% | 88 |
| 11286-CON-07970 | Staircase & Bridge Deck Lvl - Handrail Installation (Deg 3) | 9 | 13-Aug-25 | 22-Aug-25 | 0% | -5 |
| 11286-CON-07870 | Staircase & Bridge Deck Lvl - Waterproofing & protective screeding to escalator pit (Deg 1) | 14 | 11-Mar-25 | 26-Mar-25 | 0% | -5 |
| 11286-CON-07900 | Staircase & Bridge Deck Lvl - Install Post for Handrail (Deg 1) | 7 | 24-Apr-25 | 02-May-25 | 0% | 12 |
| 11286-CON-07990 | Entrance C - External Drainages, Manholes, Pipeworks Connections & Reinstatement | 24 | 23-Aug-25 | 19-Sep-25 | 0% | -5 |
| **Cost Centre E: Modification Works at SUW Concourse Level** | | 454 | 07-Mar-24 | 16-Sep-25 | | 82 |
| **Breaktrough to SUW Concourse Level / ADIT Area (NTH)** | | 416 | 07-Mar-24 | 02-Aug-25 | | 82 |
| 11286-CON-08490 | Construct of Hoardings Inside SUW Station & provide protection to MTRC Facilities (NTH) | 12 | 20-Nov-24 | 03-Dec-24 | 0% | 7 |
| 11286-CON-08500 | Breakthrough / Knock-Out Panel in SUW by Saw-Cut Method (Cycle 1)(NTH) | 28 | 06-Dec-24 | 10-Jan-25 | 0% | 7 |
| 11286-CON-08510 | Breakthrough / Knock-Out Panel in SUW by Saw-Cut Method (Cycle 2) & Make good existing wall exposure (NTH) | 22 | 11-Jan-25 | 08-Feb-25 | 0% | 7 |
| 11286-CON-08530 | Dismantle Temporary Hoardings Inside SUW Station, Cleaning and Handover to Client (NTH) | 12 | 21-Jul-25 | 02-Aug-25 | 0% | 82 |
| 11286-CON-08450 | Obtain Railway Operator approval for breakthrough of the existing station wall | 14 | 20-Nov-24 | 05-Dec-24 | 0% | 7 |
| 11286-CON-08448 | BA10 Submission for Commencement of Works (A&A) | 7 | 07-Mar-24 | 14-Mar-24 | 0% | 224 |
| **Modification for ABWF Works** | | 180 | 10-Feb-25 | 16-Sep-25 | | 82 |
| 11286-CON-08550 | Dismantle ceiling support & sub-frame at affected E&M utilities | 12 | 24-Feb-25 | 08-Mar-25 | 0% | 7 |
| 11286-CON-08560 | ABWF Works - Floor screeding (Deg 1) | 8 | 02-Jul-25 | 10-Jul-25 | 0% | 82 |
| 11286-CON-08580 | ABWF Works - Re-Install ceiling panels / finishes at ceiling Lvl (Deg 1) | 12 | 25-Jul-25 | 07-Aug-25 | 0% | 82 |
| 11286-CON-08600 | ABWF Works - Modify floor finishes installation (Deg 2) | 14 | 25-Aug-25 | 09-Sep-25 | 0% | 82 |
| 11286-CON-08590 | ABWF Works - Modify wall finishes (Alum Cladding / Mosaic Tiles) (Deg 2) | 14 | 08-Aug-25 | 23-Aug-25 | 0% | 82 |
| 11286-CON-08610 | ABWF Works - Modify fixtures & fitting works (Deg 3) | 6 | 10-Sep-25 | 16-Sep-25 | 0% | 82 |
| 11286-CON-08620 | ABWF Works - Modify signage works (Deg 3) | 6 | 10-Sep-25 | 16-Sep-25 | 0% | 82 |
| 11286-CON-08540 | Dismantle installed ceiling panels and disconnect affected E&M utilities | 12 | 10-Feb-25 | 22-Feb-25 | 0% | 7 |
| 11286-CON-08570 | ABWF Works - Re-Install ceiling support & sub-frame at ceiling Lvl (Deg 1) | 12 | 11-Jul-25 | 24-Jul-25 | 0% | 82 |




◆ ◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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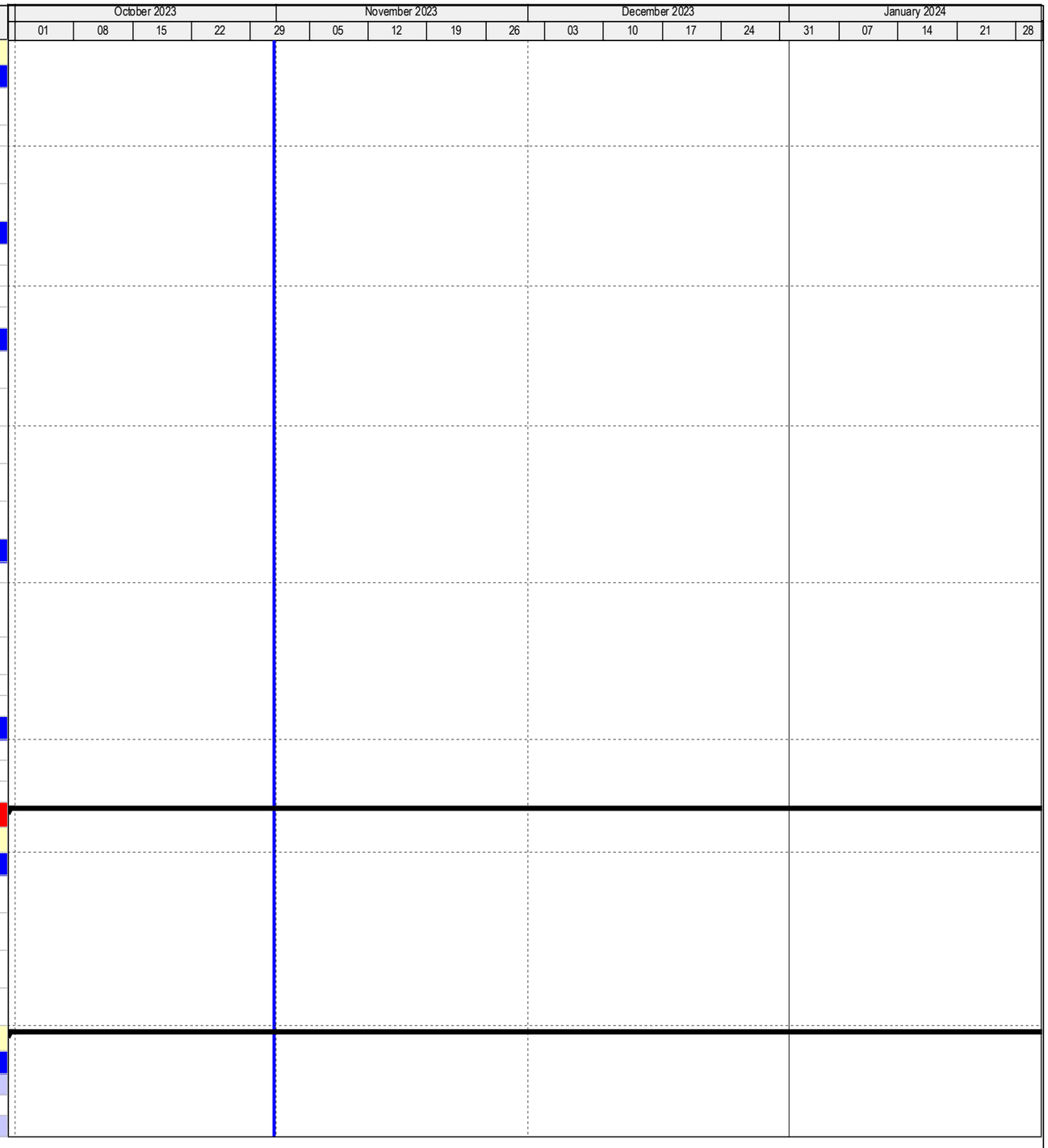
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| **Modification for Building Services / E&M Works** | | 90 | 10-Mar-25 | 30-Jun-25 | | 82 |
| ***Modification for Plumbing & Drainage Installation*** | | 24 | 10-Mar-25 | 07-Apr-25 | | 7 |
| 11286-CON-08640 | E&M Works (P&D) - Connect to existing 1000x400 EAD (Deg 1) | 24 | 10-Mar-25 | 07-Apr-25 | 0% | 7 |
| 11286-CON-08660 | E&M Works (P&D) - Connect to DN42 fresh water pipe (Deg 1 | 24 | 10-Mar-25 | 07-Apr-25 | 0% | 7 |
| 11286-CON-08630 | E&M Works (P&D) - Tee-Off from existing 600x400 SAD (Deg 1) | 24 | 10-Mar-25 | 07-Apr-25 | 0% | 7 |
| 11286-CON-08650 | E&M Works (P&D) - Connect to 2-nos of DN150 Foul water pipes from SUW Station (Deg 1) | 24 | 10-Mar-25 | 07-Apr-25 | 0% | 7 |
| ***Modification for ECS (Environmental Control System) Installation*** | | 34 | 08-Apr-25 | 22-May-25 | | 114 |
| 11286-CON-08670 | E&M Works (ECS) - Modify ductworks & pipework (Deg 1) | 14 | 08-Apr-25 | 26-Apr-25 | 0% | 114 |
| 11286-CON-08680 | E&M Works (ECS) - Modify cabling and equipments (Deg 2) | 14 | 28-Apr-25 | 15-May-25 | 0% | 114 |
| 11286-CON-08690 | E&M Works (ECS) - Re-Install MCC Panel (Deg 2) | 12 | 30-Apr-25 | 15-May-25 | 0% | 114 |
| 11286-CON-08700 | E&M Works (ECS) - Termination & connection (Deg 3) | 6 | 16-May-25 | 22-May-25 | 0% | 114 |
| ***Modification for Electrical Installation*** | | 66 | 08-Apr-25 | 30-Jun-25 | | 64 |
| 11286-CON-08710 | E&M Works (ELEC) - Modify cable trunking routing From Existing SUW Station to Concourse MCC Room (Deg 1) | 21 | 08-Apr-25 | 07-May-25 | 0% | 7 |
| 11286-CON-08740 | E&M Works (ELEC) - Lighting, small power, comms & advertising panels (Deg 3) | 6 | 17-Jun-25 | 23-Jun-25 | 0% | 64 |
| 11286-CON-08750 | E&M Works (ELEC) - Emergency call bell system & Speakers (Deg 3) | 6 | 24-Jun-25 | 30-Jun-25 | 0% | 64 |
| 11286-CON-08720 | E&M Works (ELEC) - Re-Connect Wiring Works From From exist SUW Station to Concourse MCC Room (Deg 1) | 21 | 08-May-25 | 02-Jun-25 | 0% | 7 |
| 11286-CON-08730 | E&M Works (ELEC) - Re-Install Internal wiring & re-connection (Deg 2) | 12 | 03-Jun-25 | 16-Jun-25 | 0% | 64 |
| ***Modification for (FS) Fire Services Installation*** | | 66 | 08-Apr-25 | 30-Jun-25 | | 64 |
| 11286-CON-08760 | E&M Works (FS) - Modify & Re-Install conduit (Deg 1) | 21 | 08-Apr-25 | 07-May-25 | 0% | 64 |
| 11286-CON-08770 | E&M Works (FS) - Connect new SPR and FS pipes to existing DN150 SPR plug & FS water pipe respectively (Deg 1) | 21 | 08-May-25 | 02-Jun-25 | 0% | 64 |
| 11286-CON-08780 | E&M Works (FS) - Connect to existing DN100 FS water pipeworks (Deg 1) | 12 | 03-Jun-25 | 16-Jun-25 | 0% | 64 |
| 11286-CON-08790 | E&M Works (FS) - Modify Wiring works (Deg 2) | 6 | 17-Jun-25 | 23-Jun-25 | 0% | 64 |
| 11286-CON-08800 | E&M Works (FS) - Termination & connection (Deg 3) | 6 | 24-Jun-25 | 30-Jun-25 | 0% | 64 |
| ***Modification for ELV Installation*** | | 38 | 08-Apr-25 | 27-May-25 | | 110 |
| 11286-CON-08810 | E&M Works (ELV) - Modify & Re-Install Cable Laying (Deg 1) | 18 | 08-Apr-25 | 02-May-25 | 0% | 110 |
| 11286-CON-08820 | E&M Works (ELV) - Re-Install Equipments (Deg 2) | 14 | 03-May-25 | 20-May-25 | 0% | 110 |
| 11286-CON-08830 | E&M Works (ELV) - Cable Termination & Cable Test (Deg 3) | 6 | 21-May-25 | 27-May-25 | 0% | 110 |
| **Cost Centre F: Building Services / E&M Works** | | 232 | 30-Sep-23 A | 30-Oct-25 | | 60 |
| **Footbridge - Building Services / E&M Works** | | 75 | 01-Aug-25 | 30-Oct-25 | | -2 |
| ***FootBridge (Segment # 1 to 8) - Building Services / E&M Works, Da*** | | 75 | 01-Aug-25 | 30-Oct-25 | | -2 |
| 11286-CON-05132 | E&M Works (Ceiling Lvl) - Install BS Works (P&D, ECS, Elect, FS & ELV) (Deg 1) | 15 | 01-Aug-25 | 18-Aug-25 | 0% | -2 |
| 11286-CON-05134 | E&M Works (Ceiling Lvl) - Install BS Works (P&D, ECS, Elect, FS & ELV) ((Deg 2) (Cycle 1) | 24 | 19-Aug-25 | 15-Sep-25 | 0% | -2 |
| 11286-CON-05138 | E&M Works (Ceiling Lvl) - Install BS Works (P&D, ECS, Elect, FS & ELV) ((Deg 3) & Testing | 12 | 16-Oct-25 | 30-Oct-25 | 0% | -2 |
| 11286-CON-05136 | E&M Works (Ceiling Lvl) - Install BS Works (P&D, ECS, Elect, FS & ELV) ((Deg 2) (Cycle 2) | 24 | 16-Sep-25 | 15-Oct-25 | 0% | -2 |
| **Approach Lobby - Building Services / E&M Works** | | 125 | 30-Sep-23 A | 17-Sep-25 | | 68 |
| ***Electrical Equipment Rooms - Building Services / E&M Works*** | | 62 | 22-May-25 | 04-Aug-25 | | 106 |
| **Plumbing & Drainage Installation** | | 18 | 29-May-25 | 19-Jun-25 | | 86 |
| 11286-CON-06670 | Elec Equipt Room - (P&D) AC makeup water system | 18 | 29-May-25 | 19-Jun-25 | 0% | 86 |
| **ECS (Environmental Control System) Installation** | | 56 | 29-May-25 | 04-Aug-25 | | 54 |

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Sub-Summary Bar
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**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
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| 31-Oct-23 | 11286 3 months rolling programme | | |
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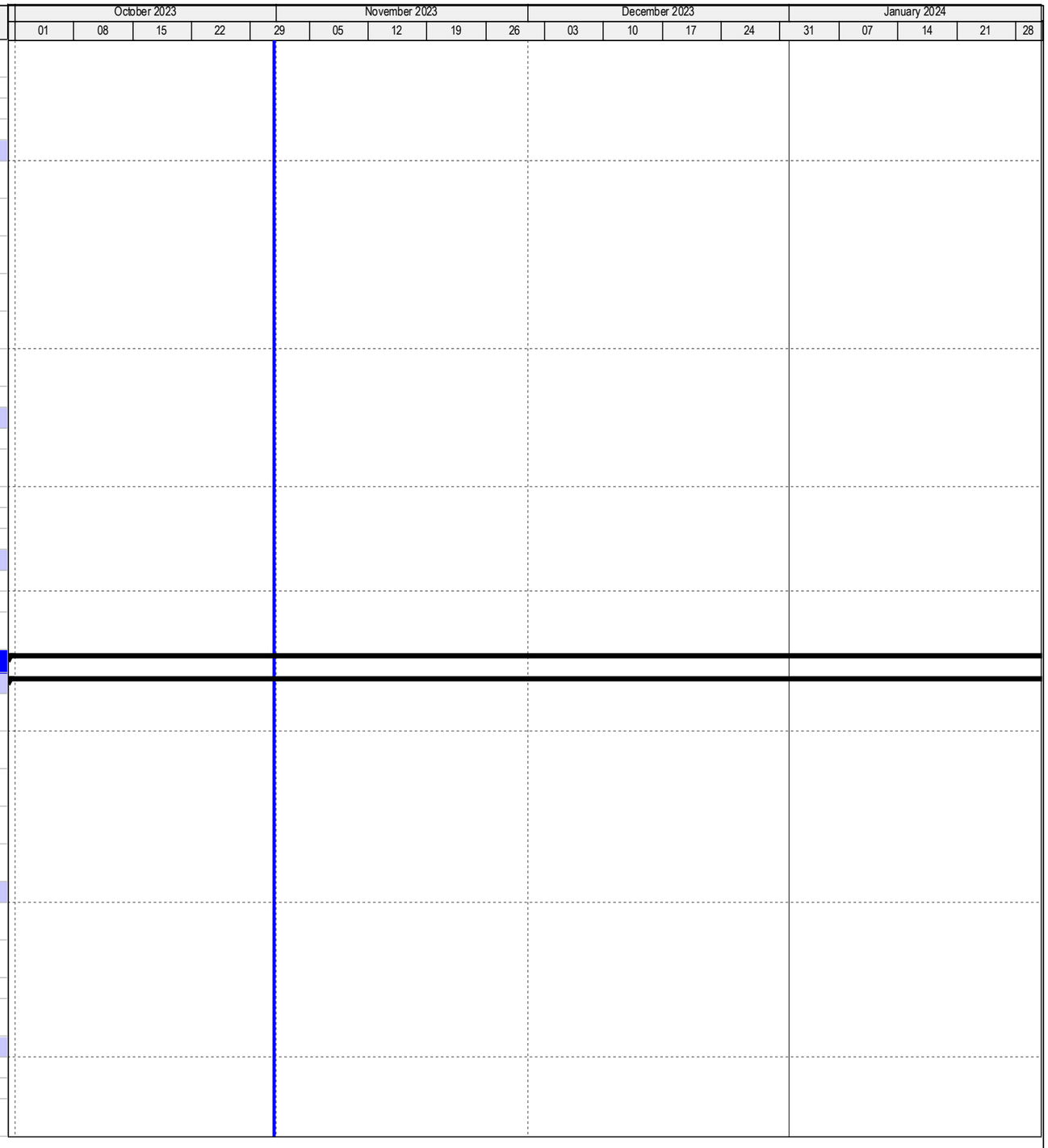
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-06660 | Elec Equipt Room - (ECS) FC Units, ductworks and pipework (Deg 1) | 18 | 29-May-25 | 19-Jun-25 | 0% | 54 |
| 11286-CON-06690 | Elec Equipt Room - (ECS) Cabling and equipments (Deg 2) | 14 | 20-Jun-25 | 07-Jul-25 | 0% | 54 |
| 11286-CON-06680 | Elec Equipt Room - (ECS) MCC Panel (Deg 2) | 12 | 08-Jul-25 | 21-Jul-25 | 0% | 54 |
| 11286-CON-06700 | Elec Equipt Room - (ECS) Termination & connection (Deg 3) | 12 | 22-Jul-25 | 04-Aug-25 | 0% | 54 |
| **Electrical Installation (From Exising SUW Station to E&M Equipt. Room)** | | 43 | 29-May-25 | 19-Jul-25 | | -3 |
| 11286-CON-06710 | Elec Equipt Room - (Elect) Electrical cable trunking installation(Deg 1) | 13 | 29-May-25 | 13-Jun-25 | 0% | -3 |
| 11286-CON-06720 | Elec Equipt Room - (Elect) Electrical MCCB & MCB Boards (Deg 1) | 16 | 29-May-25 | 17-Jun-25 | 0% | 6 |
| 11286-CON-06735 | Elec Equipt Room - (Elect) Electrical Internal cabling (Deg 2) | 12 | 28-Jun-25 | 12-Jul-25 | 0% | -3 |
| 11286-CON-06740 | Elec Equipt Room - (Elect) Electrical lighting & Other Equipments (Deg 2) | 12 | 28-Jun-25 | 12-Jul-25 | 0% | -3 |
| 11286-CON-06730 | Elec Equipt Room - (Elect) Connect Electrical wiring, termination & test (Deg 2) | 12 | 14-Jun-25 | 27-Jun-25 | 0% | -3 |
| 11286-CON-06760 | Elec Equipt Room - (Elect) On-Site Test of Switchboard (Deg 3) | 6 | 14-Jul-25 | 19-Jul-25 | 0% | -3 |
| 11286-CON-06770 | Elec Equipt Room - (Elect) Ready for POWER-ON DATE | 0 | | 19-Jul-25 | 0% | -3 |
| **(FS) Fire Services Installation** | | 54 | 22-May-25 | 25-Jul-25 | | 43 |
| 11286-CON-06780 | Elec Equipt Room - FS Install conduit (Deg 1) | 12 | 22-May-25 | 05-Jun-25 | 0% | 43 |
| 11286-CON-06790 | Elec Equipt Room - FS Main pipeworks & containment (Deg 1) | 15 | 06-Jun-25 | 23-Jun-25 | 0% | 43 |
| 11286-CON-06800 | Elec Equipt Room - FS Sub-main pipeworks (Deg 2) | 14 | 24-Jun-25 | 10-Jul-25 | 0% | 43 |
| 11286-CON-06810 | Elec Equipt Room - FS Wiring (Deg 2) | 7 | 11-Jul-25 | 18-Jul-25 | 0% | 43 |
| 11286-CON-06820 | Elec Equipt Room - FS Termination & connection (Deg 3) | 6 | 19-Jul-25 | 25-Jul-25 | 0% | 43 |
| **ELV Installation** | | 44 | 22-May-25 | 14-Jul-25 | | 124 |
| 11286-CON-06830 | Elec Equipt Room - ELV Cable Laying (Deg 1) | 14 | 22-May-25 | 07-Jun-25 | 0% | 124 |
| 11286-CON-06840 | Elec Equipt Room - ELV Equipment Installation (Deg 2) | 18 | 09-Jun-25 | 28-Jun-25 | 0% | 124 |
| 11286-CON-06850 | Elec Equipt Room - ELV Cable Termination & Cable Test (Deg 3) | 12 | 30-Jun-25 | 14-Jul-25 | 0% | 124 |
| ***Approach Lobby / Concourse Level - Building Services / E&M Work*** | | 120 | 30-Sep-23 A | 11-Sep-25 | | 2 |
| **Plumbing & Drainage Installation** | | 26 | 30-Sep-23 A | 20-Jun-25 | | 54 |
| 11286-CON-06900 | Approach Concourse Level - (P&D) Cleansing water supply system (Deg 1) | 26 | 21-May-25 | 20-Jun-25 | 0% | 54 |
| 11286-CON-06870 | Approach Concourse Level - (P&D) Potable water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-06880 | Approach Concourse Level - (P&D) Flushing water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-06890 | Approach Concourse Level - (P&D) Domestic hot water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-06910 | Approach Concourse Level - (P&D) Condensate drain system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **ECS (Environmental Control System) Installation** | | 64 | 21-May-25 | 05-Aug-25 | | 4 |
| 11286-CON-06920 | Approach Concourse Level - (ECS) FC Units, ductworks & pipework (Deg 1) | 28 | 21-May-25 | 23-Jun-25 | 0% | 4 |
| 11286-CON-06930 | Approach Concourse Level - (ECS) Cabling and equipments (Deg 2) | 24 | 12-Jun-25 | 10-Jul-25 | 0% | 4 |
| 11286-CON-06940 | Approach Concourse Level - (ECS) MCC Panel (Deg 2) | 14 | 11-Jul-25 | 26-Jul-25 | 0% | 4 |
| 11286-CON-06950 | Approach Concourse Level - (ECS) Termination & connection (Deg 3) | 8 | 28-Jul-25 | 05-Aug-25 | 0% | 4 |
| **Electrical Installation** | | 57 | 21-May-25 | 28-Jul-25 | | -1 |
| 11286-CON-06960 | Approach Concourse Level - Cable trunking installation | 21 | 21-May-25 | 14-Jun-25 | 0% | -1 |
| 11286-CON-06970 | Approach Concourse Level - Lighting and small power | 14 | 03-Jul-25 | 18-Jul-25 | 0% | -1 |
| 11286-CON-06980 | Approach Concourse Level - Emergency call bell system and Speakers | 8 | 19-Jul-25 | 28-Jul-25 | 0% | -1 |




◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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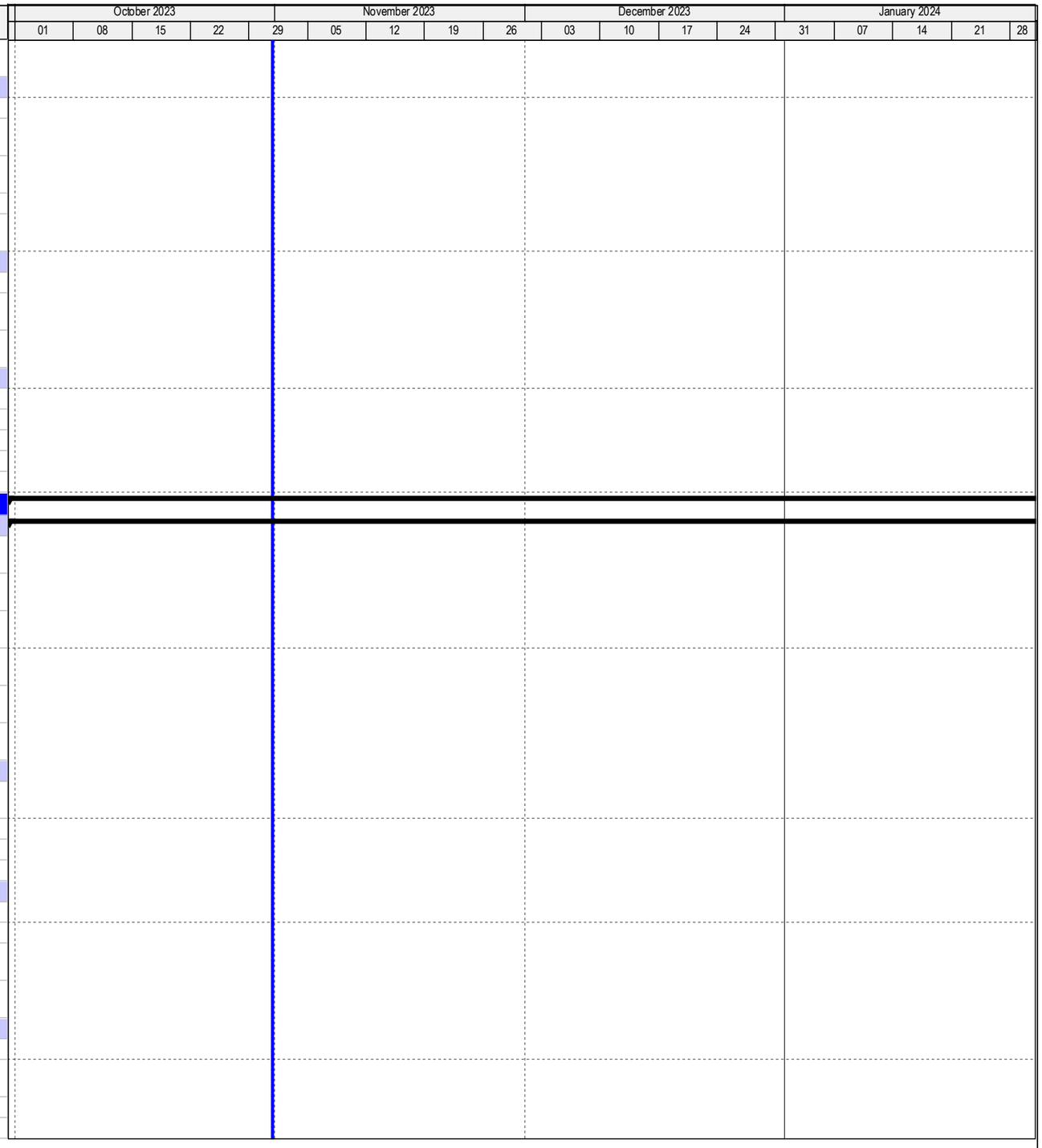
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-06965 | Approach Concourse Level - Electrical wiring works, connection | 18 | 16-Jun-25 | 07-Jul-25 | 0% | -1 |
| **(FS) Fire Services Installation** | | 59 | 21-May-25 | 30-Jul-25 | | -3 |
| 11286-CON-06990 | Approach Concourse Level - FS Install conduit (Deg 1) | 24 | 21-May-25 | 18-Jun-25 | 0% | -3 |
| 11286-CON-07000 | Approach Concourse Level - FS Main pipeworks & containment (Deg 1) | 24 | 21-May-25 | 18-Jun-25 | 0% | -3 |
| 11286-CON-07010 | Approach Concourse Level - FS Sub-main pipeworks (Deg 2) | 18 | 19-Jun-25 | 10-Jul-25 | 0% | -3 |
| 11286-CON-07020 | Approach Concourse Level - FS Wiring (Deg 2) | 11 | 11-Jul-25 | 23-Jul-25 | 0% | -3 |
| 11286-CON-07030 | Approach Concourse Level - FS Termination & connection (Deg 3) | 6 | 24-Jul-25 | 30-Jul-25 | 0% | -3 |
| **ELV Installation** | | 44 | 21-May-25 | 12-Jul-25 | | 12 |
| 11286-CON-07040 | Approach Concourse Level - ELV Cable Laying (Deg 1) | 14 | 21-May-25 | 06-Jun-25 | 0% | 12 |
| 11286-CON-07050 | Approach Concourse Level - ELV Equipment Installation (Deg 2) | 18 | 07-Jun-25 | 27-Jun-25 | 0% | 12 |
| 11286-CON-07060 | Approach Concourse Level - ELV Cable Termination & Cable Test (Deg 3) | 12 | 28-Jun-25 | 12-Jul-25 | 0% | 12 |
| **E&M Lift Installation and Fitout Works** | | 120 | 17-Apr-25 | 11-Sep-25 | | 2 |
| 11286-CON-07080 | Lift Installation and Testing (1-no.) | 28 | 17-Apr-25 | 24-May-25 | 0% | 2 |
| 11286-CON-07090 | Lift Fitout Works | 30 | 08-Aug-25 | 11-Sep-25 | 0% | 2 |
| 11286-CON-07082 | Lift Installation and Testing (1-no.) | 28 | 26-May-25 | 27-Jun-25 | 0% | 2 |
| 11286-CON-07084 | Lift Installation and Testing (1-no.) | 28 | 28-Jun-25 | 31-Jul-25 | 0% | 2 |
| 11286-CON-07086 | Lift Installation and Testing (1-no.) | 6 | 01-Aug-25 | 07-Aug-25 | 0% | 2 |
| ***Approach Lobby and Staircase - Building Services / E&M Works*** | | 96 | 30-Sep-23 A | 17-Sep-25 | | 13 |
| **Plumbing & Drainage Installation** | | 26 | 30-Sep-23 A | 26-Jun-25 | | 83 |
| 11286-CON-07140 | Lobby & Staircase - (P&D) Cleansing water supply system (Deg 1) | 26 | 27-May-25 | 26-Jun-25 | 0% | 83 |
| 11286-CON-07100 | Lobby & Staircase - (P&D) AC makeup water system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-07110 | Lobby & Staircase - (P&D) Potable water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-07120 | Lobby & Staircase - (P&D) Flushing water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-07130 | Lobby & Staircase - (P&D) Domestic hot water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-07150 | Lobby & Staircase - (P&D) Condensate drain system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **ECS (Environmental Control System) Installation** | | 74 | 27-May-25 | 22-Aug-25 | | 35 |
| 11286-CON-07160 | Lobby & Staircase - (ECS) FC Units, ductworks & pipework (Deg 1) | 28 | 27-May-25 | 28-Jun-25 | 0% | 35 |
| 11286-CON-07170 | Lobby & Staircase - (ECS) Cabling and equipments (Deg 2) | 24 | 30-Jun-25 | 28-Jul-25 | 0% | 35 |
| 11286-CON-07180 | Lobby & Staircase - (ECS) MCC Panel (Deg 2) | 14 | 29-Jul-25 | 13-Aug-25 | 0% | 35 |
| 11286-CON-07190 | Lobby & Staircase - (ECS) Termination & connection (Deg 3) | 8 | 14-Aug-25 | 22-Aug-25 | 0% | 35 |
| **Electrical Installation** | | 80 | 27-May-25 | 29-Aug-25 | | 13 |
| 11286-CON-07200 | Lobby & Staircase - Cable trunking installation (Deg 1) | 24 | 27-May-25 | 24-Jun-25 | 0% | 13 |
| 11286-CON-07210 | Lobby & Staircase - Lighting and small power (Deg 3) | 14 | 05-Aug-25 | 20-Aug-25 | 0% | 13 |
| 11286-CON-07220 | Lobby & Staircase - Emergency call bell system and Speakers (Deg 3) | 8 | 21-Aug-25 | 29-Aug-25 | 0% | 13 |
| 11286-CON-07205 | Lobby & Staircase - Electrical wiring works, connection (Deg 2) | 20 | 25-Jun-25 | 18-Jul-25 | 0% | 13 |
| **(FS) Fire Services Installation** | | 60 | 27-May-25 | 06-Aug-25 | | 33 |
| 11286-CON-07230 | Lobby & Staircase - FS Install conduit (Deg 1) | 24 | 27-May-25 | 24-Jun-25 | 0% | 33 |
| 11286-CON-07240 | Lobby & Staircase - FS Main pipeworks & containment (Deg 1) | 24 | 27-May-25 | 24-Jun-25 | 0% | 33 |
| 11286-CON-07250 | Lobby & Staircase - FS Sub-main pipeworks (Deg 2) | 18 | 25-Jun-25 | 16-Jul-25 | 0% | 33 |
| 11286-CON-07260 | Lobby & Staircase - FS Wiring (Deg 2) | 12 | 17-Jul-25 | 30-Jul-25 | 0% | 33 |

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**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



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| 31-Oct-23 | 11286 3 months rolling programme | | |
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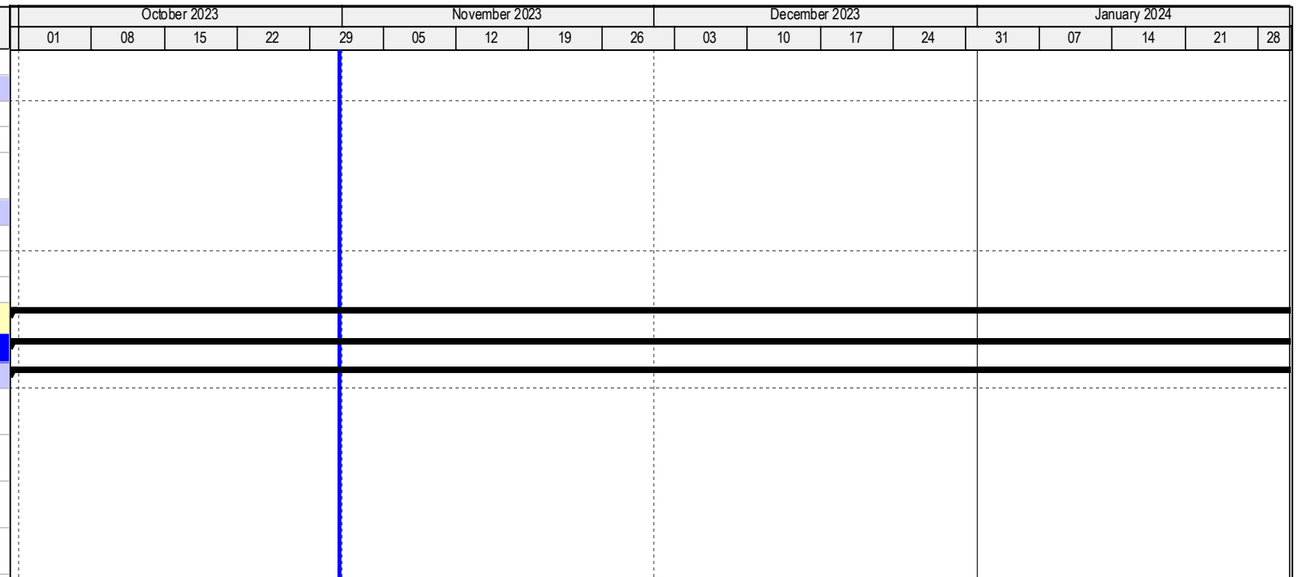
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-07270 | Lobby & Staircase - FS Termination & connection (Deg 3) | 6 | 31-Jul-25 | 06-Aug-25 | 0% | 33 |
| **ELV Installation** | | 45 | 27-May-25 | 19-Jul-25 | | 64 |
| 11286-CON-07280 | Lobby & Staircase - ELV Cable Laying (Deg 1) | 15 | 27-May-25 | 13-Jun-25 | 0% | 64 |
| 11286-CON-07290 | Lobby & Staircase - ELV Equipment Installation (Deg 2) | 18 | 14-Jun-25 | 05-Jul-25 | 0% | 64 |
| 11286-CON-07300 | Lobby & Staircase - ELV Cable Termination & Cable Test (Deg 3) | 12 | 07-Jul-25 | 19-Jul-25 | 0% | 64 |
| **E&M Escalator Installation and Fitout Works** | | 74 | 23-Jun-25 | 17-Sep-25 | | -3 |
| 11286-CON-07320 | Escalator Installation (2-nos) | 50 | 23-Jun-25 | 20-Aug-25 | 0% | -3 |
| 11286-CON-07330 | Cladding Installation | 18 | 21-Aug-25 | 10-Sep-25 | 0% | -3 |
| 11286-CON-07340 | Escalator Testing | 6 | 11-Sep-25 | 17-Sep-25 | 0% | -3 |
| **Entrance C - Building Services / E&M Works** | | 183 | 30-Sep-23 A | 30-Aug-25 | | 109 |
| ***Entrance C / Lobby Area - Building Services / E&M Works*** | | 162 | 30-Sep-23 A | 06-Aug-25 | | 52 |
| **Plumbing & Drainage Installation** | | 26 | 30-Sep-23 A | 19-Feb-25 | | 166 |
| 11286-CON-08040 | Entrance C, Lobby Area - (P&D) Cleansing water supply system (Deg 1) | 26 | 17-Jan-25 | 19-Feb-25 | 0% | 166 |
| 11286-CON-08000 | Entrance C / Lobby Area - (P&D) AC makeup water system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-08010 | Entrance C, Lobby Area - (P&D) Potable water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-08020 | Entrance C, Lobby Area - (P&D) Flushing water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-08030 | Entrance C, Lobby Area - (P&D) Domestic hot water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-08050 | Entrance C, Lobby Area - (P&D) Condensate drain system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **ECS (Environmental Control System) Installation** | | 60 | 17-Jan-25 | 31-Mar-25 | | 154 |
| 11286-CON-08060 | Entrance C Lobby Area - (ECS) FC Units, ductworks & pipework (Deg 1) | 28 | 17-Jan-25 | 21-Feb-25 | 0% | 154 |
| 11286-CON-08070 | Entrance C Lobby Area - (ECS) Cabling and equipments (Deg 2) | 24 | 22-Feb-25 | 21-Mar-25 | 0% | 154 |
| 11286-CON-08080 | Entrance C Lobby Area - (ECS) MCC Panel (Deg 2) | 14 | 06-Mar-25 | 21-Mar-25 | 0% | 154 |
| 11286-CON-08090 | Entrance C Lobby Area - (ECS) Termination & connection (Deg 3) | 8 | 22-Mar-25 | 31-Mar-25 | 0% | 154 |
| **Electrical Installation** | | 60 | 17-Jan-25 | 31-Mar-25 | | 135 |
| 11286-CON-08100 | Entrance C Lobby Area - Cable trunking installation | 28 | 17-Jan-25 | 21-Feb-25 | 0% | 135 |
| 11286-CON-08110 | Entrance C Lobby Area - Lighting and small power & test | 14 | 06-Mar-25 | 21-Mar-25 | 0% | 135 |
| 11286-CON-08120 | Entrance C Lobby Area - Emergency call bell system and Speakers | 8 | 22-Mar-25 | 31-Mar-25 | 0% | 135 |
| 11286-CON-08105 | Entrance C Lobby Area - Electrical wiring works, connections | 24 | 22-Feb-25 | 21-Mar-25 | 0% | 135 |
| **(FS) Fire Services Installation** | | 60 | 17-Jan-25 | 31-Mar-25 | | 41 |
| 11286-CON-08130 | Entrance C Lobby Area - FS Install conduit (Deg 1) | 24 | 17-Jan-25 | 17-Feb-25 | 0% | 41 |
| 11286-CON-08140 | Entrance C Lobby Area - FS Main pipeworks & containment (Deg 1) | 24 | 17-Jan-25 | 17-Feb-25 | 0% | 41 |
| 11286-CON-08150 | Entrance C Lobby Area - FS Sub-main pipeworks (Deg 2) | 18 | 18-Feb-25 | 10-Mar-25 | 0% | 41 |
| 11286-CON-08160 | Entrance C Lobby Area - FS Wiring (Deg 2) | 12 | 11-Mar-25 | 24-Mar-25 | 0% | 41 |
| 11286-CON-08170 | Entrance C Lobby Area - FS Termination & connection (Deg 3) | 6 | 25-Mar-25 | 31-Mar-25 | 0% | 41 |
| **ELV Installation** | | 44 | 17-Jan-25 | 12-Mar-25 | | 151 |
| 11286-CON-08180 | Entrance C Lobby Area - ELV Cable Laying (Deg 1) | 14 | 17-Jan-25 | 05-Feb-25 | 0% | 151 |
| 11286-CON-08190 | Entrance C Lobby Area - ELV Equipment Installation (Deg 2) | 18 | 06-Feb-25 | 26-Feb-25 | 0% | 151 |
| 11286-CON-08200 | Entrance C Lobby Area - ELV Cable Termination & Cable Test (Deg 3) | 12 | 27-Feb-25 | 12-Mar-25 | 0% | 151 |
| **E&M Lift Installation and Fitout Works** | | 120 | 11-Mar-25 | 06-Aug-25 | | 33 |
| 11286-CON-08220 | Lift Installation and Testing (1-no.) | 28 | 11-Mar-25 | 12-Apr-25 | 0% | 33 |




◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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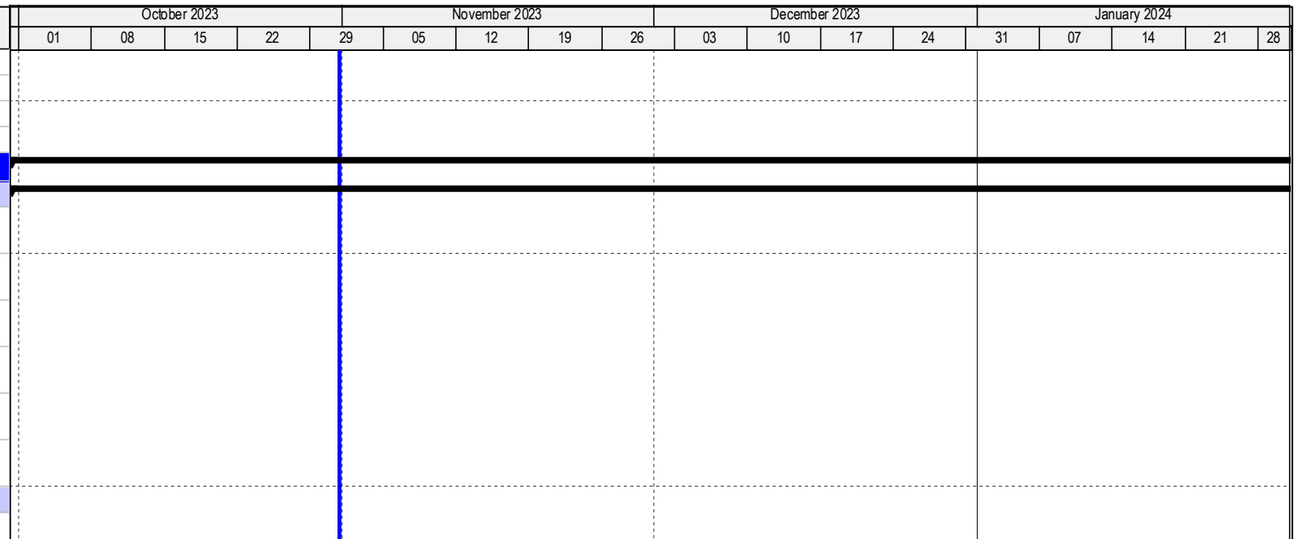
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-08230 | Lift Fitout Works | 30 | 03-Jul-25 | 06-Aug-25 | 0% | 33 |
| 11286-CON-08222 | Lift Installation and Testing (1-no.) | 28 | 14-Apr-25 | 21-May-25 | 0% | 33 |
| 11286-CON-08224 | Lift Installation and Testing (1-no.) | 28 | 22-May-25 | 24-Jun-25 | 0% | 33 |
| 11286-CON-08226 | Lift Installation and Testing (1-no.) | 6 | 25-Jun-25 | 02-Jul-25 | 0% | 33 |
| ***Entrance C Staircase & Bridge Deck - Building Services / E&M Work*** | | 100 | 30-Sep-23 A | 30-Aug-25 | | 109 |
| **Plumbing & Drainage Installation** | | 26 | 30-Sep-23 A | 04-Jun-25 | | 23 |
| 11286-CON-08280 | Staircase & Bridge Deck Lvl - (P&D) Cleansing water supply system (Deg 1) | 26 | 03-May-25 | 04-Jun-25 | 0% | 23 |
| 11286-CON-08240 | Staircase & Bridge Deck Lvl - (P&D) AC makeup water system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-08250 | Staircase & Bridge Deck Lvl - (P&D) Potable water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-08260 | Staircase & Bridge Deck Lvl - (P&D) Flushing water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-08270 | Staircase & Bridge Deck Lvl - (P&D) Domestic hot water supply system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| 11286-CON-08290 | Staircase & Bridge Deck Lvl - (P&D) Condensate drain system (Deg 1) (Not use) | 0 | 30-Sep-23 A | 30-Sep-23 A | 100% | |
| **ECS (Environmental Control System) Installation** | | 60 | 03-May-25 | 15-Jul-25 | | 71 |
| 11286-CON-08300 | Staircase & Bridge Deck Lvl - (ECS) FC Units, ductworks & pipework (Deg 1) | 28 | 03-May-25 | 06-Jun-25 | 0% | -3 |
| 11286-CON-08310 | Staircase & Bridge Deck Lvl - (ECS) Cabling and equipments (Deg 2) | 20 | 07-Jun-25 | 30-Jun-25 | 0% | -3 |
| 11286-CON-08320 | Staircase & Bridge Deck Lvl - (ECS) MCC Panel (Deg 2) | 14 | 19-Jun-25 | 05-Jul-25 | 0% | -3 |
| 11286-CON-08330 | Staircase & Bridge Deck Lvl - (ECS) Termination & connection (Deg 3) | 8 | 07-Jul-25 | 15-Jul-25 | 0% | 71 |
| **Electrical Installation** | | 80 | 03-May-25 | 07-Aug-25 | | 32 |
| 11286-CON-08340 | Staircase & Bridge Deck Lvl - Cable trunking installation | 28 | 03-May-25 | 06-Jun-25 | 0% | 21 |
| 11286-CON-08350 | Staircase & Bridge Deck Lvl - Lighting and small power & test | 14 | 14-Jul-25 | 29-Jul-25 | 0% | 32 |
| 11286-CON-08360 | Staircase & Bridge Deck Lvl - Emergency call bell system and Speakers | 8 | 30-Jul-25 | 07-Aug-25 | 0% | 32 |
| 11286-CON-08345 | Staircase & Bridge Deck Lvl - Electrical wiring works, connection | 20 | 07-Jun-25 | 30-Jun-25 | 0% | 32 |
| **(FS) Fire Services Installation** | | 60 | 03-May-25 | 15-Jul-25 | | 52 |
| 11286-CON-08370 | Staircase & Bridge Deck Lvl - FS Install conduit (Deg 1) | 24 | 03-May-25 | 02-Jun-25 | 0% | -5 |
| 11286-CON-08380 | Staircase & Bridge Deck Lvl - FS Main pipeworks & containment (Deg 1) | 24 | 03-May-25 | 02-Jun-25 | 0% | -5 |
| 11286-CON-08390 | Staircase & Bridge Deck Lvl - FS Sub-main pipeworks (Deg 2) | 18 | 03-Jun-25 | 23-Jun-25 | 0% | -5 |
| 11286-CON-08400 | Staircase & Bridge Deck Lvl - FS Wiring (Deg 2) | 12 | 24-Jun-25 | 08-Jul-25 | 0% | -5 |
| 11286-CON-08410 | Staircase & Bridge Deck Lvl - FS Termination & connection (Deg 3) | 6 | 09-Jul-25 | 15-Jul-25 | 0% | 52 |
| **ELV Installation** | | 44 | 03-May-25 | 25-Jun-25 | | 165 |
| 11286-CON-08420 | Staircase & Bridge Deck Lvl - ELV Cable Laying (Deg 1) | 14 | 03-May-25 | 20-May-25 | 0% | 17 |
| 11286-CON-08430 | Staircase & Bridge Deck Lvl - ELV Equipment Installation (Deg 2) | 18 | 21-May-25 | 11-Jun-25 | 0% | 17 |
| 11286-CON-08440 | Staircase & Bridge Deck Lvl - ELV Cable Termination & Cable Test (Deg 3) | 12 | 12-Jun-25 | 25-Jun-25 | 0% | 165 |
| **E&M Escalator Installation and Fitout Works** | | 76 | 03-Jun-25 | 30-Aug-25 | | 12 |
| 11286-CON-08460 | Escalator Installation (2-nos) | 50 | 03-Jun-25 | 31-Jul-25 | 0% | 12 |
| 11286-CON-08470 | Cladding Installation | 20 | 01-Aug-25 | 23-Aug-25 | 0% | 12 |
| 11286-CON-08480 | Escalator Testing | 6 | 25-Aug-25 | 30-Aug-25 | 0% | 12 |
| **Cost Centre G: Miscellaneous Works** | | 48 | 30-Jan-26 | 30-Mar-26 | | 21 |
| **Removal of Existing Covered Walkway (FP2) & Temporary Road Cr** | | 48 | 30-Jan-26 | 30-Mar-26 | | 21 |
| 11286-CON-08940 | Demolition of Existing Covered Walkway / Hoardings & Temp Road Crossing (Cycle 1) | 28 | 30-Jan-26 | 06-Mar-26 | 0% | 21 |




◆ ◆ Milestone
Overall Summary Bar
Sub-Summary Bar
Critical Bar
Non-Critical Bar
Actual Level of Effort

# MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station

# 3 Months Rolling Programme (DD: 31 Oct 2023)

## (based on Revised Programme for Acceptance (Oct-23))



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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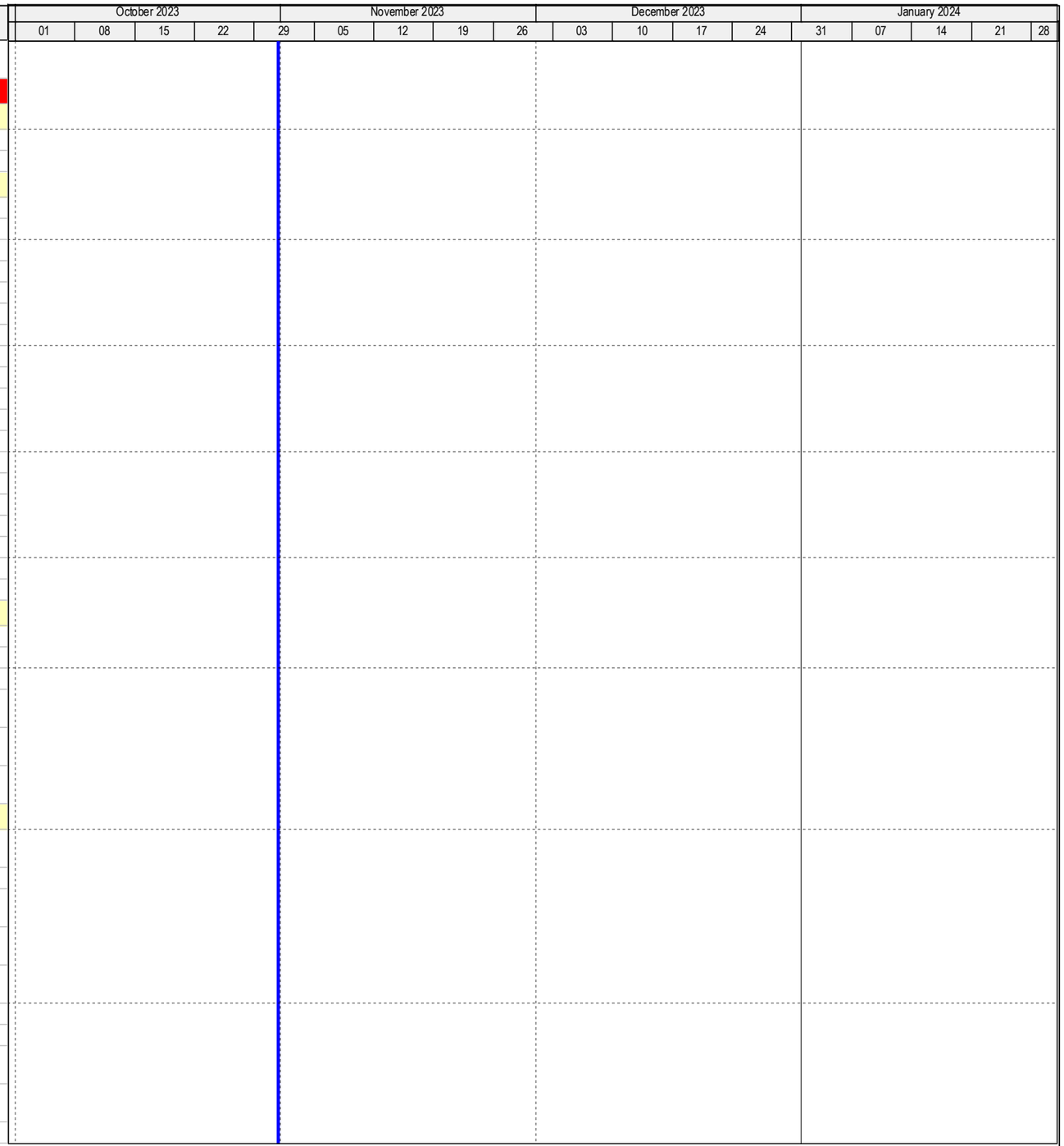
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-CON-08950 | Demolition of Existing Covered Walkway / Hoardings & Temp Road Crossing (Cycle 2) | 20 | 07-Mar-26 | 30-Mar-26 | 0% | 21 |
| **TESTING and COMMISSIONING** | | 521 | 27-Aug-24 | 29-Jan-26 | | -5 |
| **Integrated Testing and Commissioning** | | 53 | 20-Sep-25 | 11-Nov-25 | | 74 |
| 11286-#TC-08960 | Integrated Testing and Commissioning (FS Related) | 12 | 20-Sep-25 | 01-Oct-25 | 0% | -5 |
| 11286-#TC-08970 | Integrated Testing and Commissioning (Non-FS Related) | 12 | 31-Oct-25 | 11-Nov-25 | 0% | 74 |
| **WWO46 Part I to Part III Submission & Approval** | | 275 | 27-Aug-24 | 28-May-25 | | -3 |
| 11286-STA-09050 | WSD : Issued Form WWO 046 Part III by WSD | 0 | | 31-Dec-24 | 0% | -3 |
| 11286-STA-09080 | WSD : Submit to WSD 1st amendment for Plumbing Plan | 0 | | 09-Feb-25 | 0% | -3 |
| 11286-STA-09110 | WSD : 1st approval for Plumbing Plan by WSD | 0 | | 06-Apr-25 | 0% | -3 |
| 11286-STA-09140 | WSD : Submit to WSD Final amendment for Plumbing Plan | 0 | | 30-Apr-25 | 0% | -3 |
| 11286-STA-09160 | WSD : Final approval for Plumbing Plan by WSD | 0 | | 28-May-25 | 0% | -3 |
| 11286-STA-09010 | WSD : Vetting Form WWO 046 Part I & II by WSD | 28 | 20-Sep-24 | 17-Oct-24 | 0% | -3 |
| 11286-STA-09060 | WSD : Prepare for 1st amendment for Plumbing Plan | 28 | 01-Jan-25 | 28-Jan-25 | 0% | -3 |
| 11286-STA-09090 | WSD : Vetting of Plumbing Plan by WSD | 28 | 10-Feb-25 | 09-Mar-25 | 0% | -3 |
| 11286-STA-09120 | WSD : Prepare for final amendment for Plumbing Plan | 12 | 07-Apr-25 | 18-Apr-25 | 0% | -3 |
| 11286-STA-09150 | WSD : Vetting of Plumbing Plan (Final) by WSD | 28 | 01-May-25 | 28-May-25 | 0% | -3 |
| 11286-STA-08980 | WSD : Submit to WSD Form WWO 046 Part I & II | 0 | 27-Aug-24 | | 0% | -3 |
| 11286-STA-08990 | WSD :Preparation for Form WWO 046 Part I & II submission | 12 | 27-Aug-24 | 07-Sep-24 | 0% | -3 |
| 11286-STA-09000 | WSD :Preparation for Form WWO 046 Part I & II submission | 12 | 08-Sep-24 | 19-Sep-24 | 0% | -3 |
| 11286-STA-09020 | WSD : Vetting Form WWO 046 Part I & II by WSD | 28 | 18-Oct-24 | 14-Nov-24 | 0% | -3 |
| 11286-STA-09030 | WSD : Vetting Form WWO 046 Part I & II by WSD | 19 | 15-Nov-24 | 03-Dec-24 | 0% | -3 |
| 11286-STA-09040 | WSD : Vetting Form WWO 046 Part I & II by WSD | 28 | 04-Dec-24 | 31-Dec-24 | 0% | -3 |
| 11286-STA-09070 | WSD : Prepare for 1st amendment for Plumbing Plan | 12 | 29-Jan-25 | 09-Feb-25 | 0% | -3 |
| 11286-STA-09100 | WSD : Vetting of Plumbing Plan by WSD | 28 | 10-Mar-25 | 06-Apr-25 | 0% | -3 |
| 11286-STA-09130 | WSD : Prepare for final amendment for Plumbing Plan | 12 | 19-Apr-25 | 30-Apr-25 | 0% | -3 |
| **WWO46 Part IV to Part V Submission, Inspection & Approval (FS V** | | 35 | 28-May-25 | 02-Jul-25 | | -3 |
| 11286-STA-09170 | WSD : Form WWO 046 Part IV Submissions (FS) | 0 | | 28-May-25 | 0% | -3 |
| 11286-STA-09190 | WSD : WSD Inspection (FS) | 6 | 10-Jun-25 | 15-Jun-25 | 0% | -3 |
| 11286-STA-09200 | WSD : WWO 46 Part V Endorsement by WSD (FS) | 12 | 16-Jun-25 | 27-Jun-25 | 0% | -3 |
| 11286-STA-09210 | WSD : WSD processing Water Supply Connection Certificate (FS) | 5 | 28-Jun-25 | 02-Jul-25 | 0% | -3 |
| 11286-STA-09220 | WSD : Issue by WSD Water Supply Connection Certificate (FS) | 0 | | 02-Jul-25 | 0% | -3 |
| 11286-STA-09180 | WSD : WSD received Form WWO 046 Part IV & arranging for inspection (FS) | 12 | 29-May-25 | 09-Jun-25 | 0% | -3 |
| **WWO46 Part IV to Part V Submission, Inspection & Approval (Pota** | | 134 | 02-Jul-25 | 13-Nov-25 | | -3 |
| 11286-STA-09330 | WSD : Issue by WSD WWO1005 Water Certification (Fresh/Flush) | 0 | | 13-Nov-25 | 0% | -3 |
| 11286-STA-09260 | WSD : WSD Inspection w/ testing to lead (Fresh/Flush) | 28 | 31-Jul-25 | 27-Aug-25 | 0% | -3 |
| 11286-STA-09270 | WSD : Cleansing/Disinfecting Water Tanks/Piping System (Fresh/Flush) | 8 | 28-Aug-25 | 04-Sep-25 | 0% | -3 |
| 11286-STA-09280 | WSD : Collection of Sample for Testing at Accredited Lab. (Fresh/Flush) | 14 | 05-Sep-25 | 18-Sep-25 | 0% | -3 |
| 11286-STA-09290 | WSD : Accredited Lab. Testing Report of sample to WSD (Fresh/Flush) | 14 | 19-Sep-25 | 02-Oct-25 | 0% | -3 |
| 11286-STA-09300 | WSD : Vetting of Test report by WSD (Fresh/Flush) | 14 | 03-Oct-25 | 16-Oct-25 | 0% | -3 |
| 11286-STA-09310 | WSD : Issue of WWO 46 Part V (Fresh/Flush) | 0 | | 16-Oct-25 | 0% | -3 |
| 11286-STA-09240 | WSD : WSD received Form WWO 046 Part IV & arranging inspection (Fresh/Flush) | 28 | 03-Jul-25 | 30-Jul-25 | 0% | -3 |
| 11286-STA-09320 | WSD : WSD processing WWO1005 Water Certification (Fresh/Flush) | 28 | 17-Oct-25 | 13-Nov-25 | 0% | -3 |
| 11286-STA-09250 | WSD : Form WWO 046 Part IV Submission (Fresh/Flush) | 0 | | 30-Jul-25 | 0% | -3 |

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Overall Summary Bar
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**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

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**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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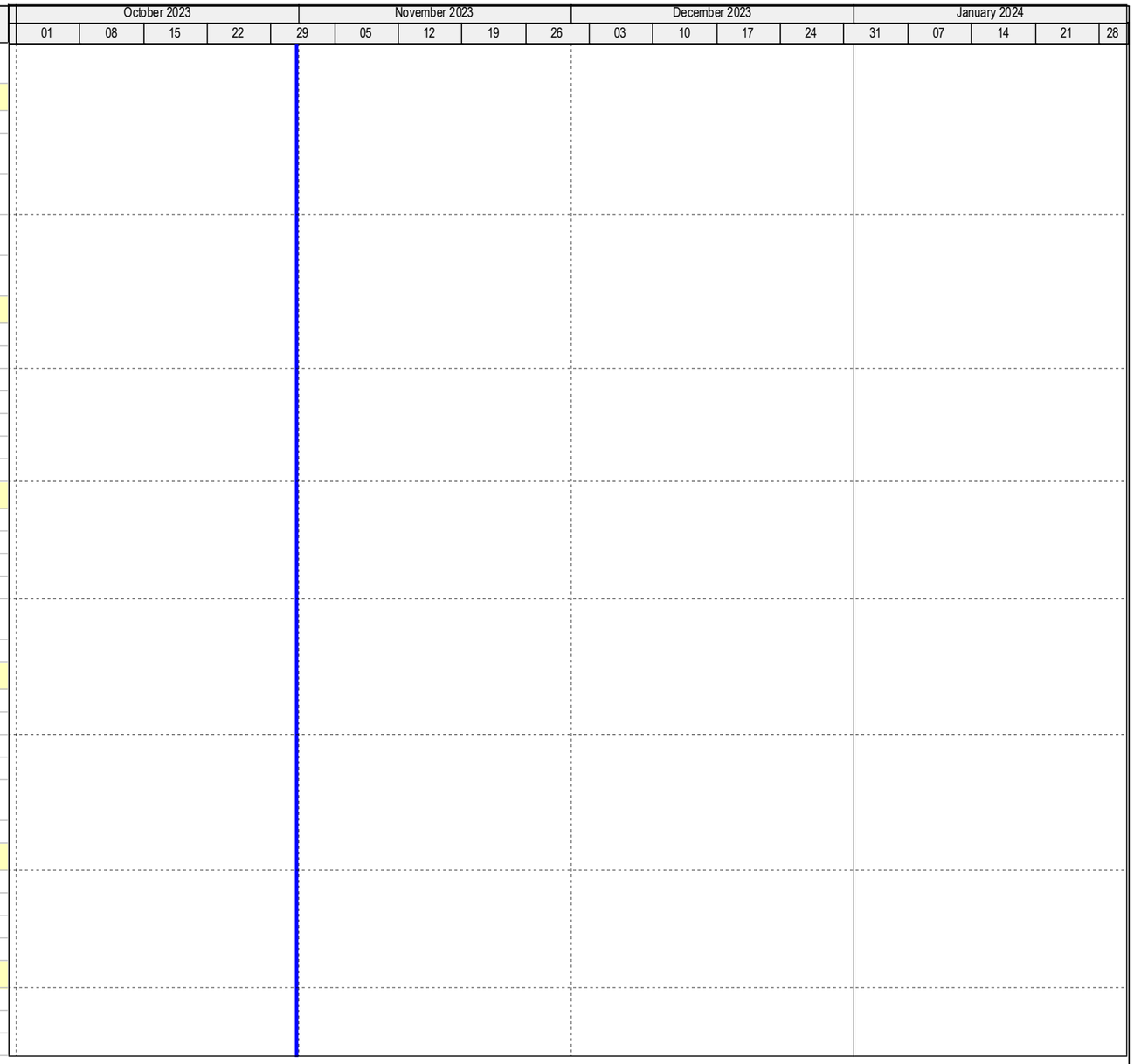
| Activity ID | Activity Name | Dur. | Start | Finish | Activity % Complete | Total Float |
|---|---|---|---|---|---|---|
| 11286-STA-09230 | WSD : Installation of potable water supply system (Fresh/Flush) | 0 | | 02-Jul-25 | 0% | -3 |
| **DSD Inspection** | | 24 | 31-May-25 | 23-Jun-25 | | 140 |
| 11286-STA-09340 | DSD : CCTV Survey on completed drainage both | 6 | 31-May-25 | 05-Jun-25 | 0% | 140 |
| 11286-STA-09350 | DSD : Submit CCTV Report & Form HPB1 of completed drainage to DSD for Technical Audit | 6 | 06-Jun-25 | 11-Jun-25 | 0% | 140 |
| 11286-STA-09360 | DSD : Completed Drainage System incl. TMC Inspection/Technical Audit by DSD | 6 | 12-Jun-25 | 17-Jun-25 | 0% | 140 |
| 11286-STA-09370 | DSD : Preparation of Drainage Connection Completion Memo by DSD | 6 | 18-Jun-25 | 23-Jun-25 | 0% | 140 |
| 11286-STA-09380 | DSD : Issue of Drainage Connection Completion Memo by DSD | 0 | | 23-Jun-25 | 0% | 140 |
| **MVAC Inspection** | | 124 | 22-Aug-25 | 24-Dec-25 | | 1 |
| 11286-STA-09430 | VAC : Final Approval Obtained | 0 | | 24-Dec-25 | 0% | 1 |
| 11286-STA-09390 | VAC : VAC Submission for Ventilation Form (314a) | 0 | | 22-Aug-25 | 0% | 47 |
| 11286-STA-09400 | VAC : VAC Approval Period | 21 | 23-Aug-25 | 12-Sep-25 | 0% | 47 |
| 11286-STA-09420 | VAC : Final Amendment Approval for VAC Submission | 12 | 25-Sep-25 | 06-Oct-25 | 0% | 47 |
| 11286-STA-09410 | VAC : Prepare Final Amendment for VAC Submission | 12 | 13-Sep-25 | 24-Sep-25 | 0% | 47 |
| 11286-STA-09426 | VAC: First FS Inspection | 21 | 22-Nov-25 | 12-Dec-25 | 0% | 1 |
| 11286-STA-09428 | VAC: Defects rectification works and 2nd FS Inspection | 12 | 13-Dec-25 | 24-Dec-25 | 0% | 1 |
| **EMSD Lift Inspection** | | 45 | 01-Oct-25 | 15-Nov-25 | | -5 |
| 11286-STA-09490 | EMSD : Lift - Issuance of Form LE6 (Lift Certificate) | 0 | | 15-Nov-25 | 0% | -5 |
| 11286-STA-09440 | EMSD : Submission of Lift Form LE5 to EMSD | 0 | | 01-Oct-25 | 0% | -5 |
| 11286-STA-09460 | EMSD : Inspection to Lift & Escalator Installation | 19 | 08-Oct-25 | 26-Oct-25 | 0% | -5 |
| 11286-STA-09480 | EMSD : EMSD processing Lift Certificate (Form LE6) | 14 | 02-Nov-25 | 15-Nov-25 | 0% | -5 |
| 11286-STA-09450 | EMSD : EMSD received Form LE05 & arranging for Lift Inspection | 6 | 02-Oct-25 | 07-Oct-25 | 0% | -5 |
| 11286-STA-09470 | EMSD : Rectify Defects and Reinspection | 6 | 27-Oct-25 | 01-Nov-25 | 0% | -5 |
| **FSD Inspection (Entrance Lobby, Entrance C and Linkbridge)** | | 45 | 16-Nov-25 | 30-Dec-25 | | -5 |
| 11286-STA-09520 | FSD : 1st FS Inspection | 21 | 22-Nov-25 | 12-Dec-25 | 0% | -5 |
| 11286-STA-09500 | FSD : Form 215/314/501 Submission | 0 | 16-Nov-25 | | 0% | -5 |
| 11286-STA-09550 | FSD : Obtain Fire Certificate (FS172) by FSD | 0 | | 30-Dec-25 | 0% | -5 |
| 11286-STA-09540 | FSD : Issued Fire Certificate (FS172) | 6 | 25-Dec-25 | 30-Dec-25 | 0% | -5 |
| 11286-STA-09510 | FSD : FSD received Form 215/314/501 & arranging for Inspection | 6 | 16-Nov-25 | 21-Nov-25 | 0% | -5 |
| 11286-STA-09530 | FSD : Defects rectification works and 2nd FS Inspection | 12 | 13-Dec-25 | 24-Dec-25 | 0% | -5 |
| **BD Inspection and Occupation Permit (OP)** | | 30 | 31-Dec-25 | 29-Jan-26 | | -5 |
| 11286-STA-09590 | BD : Completion Certificate Issued by BD | 0 | | 29-Jan-26 | 0% | -5 |
| 11286-STA-09560 | BD : Submit BA13 to BD for Inspection | 6 | 31-Dec-25 | 05-Jan-26 | 0% | -5 |
| 11286-STA-09570 | BD : BD Inspection | 16 | 06-Jan-26 | 21-Jan-26 | 0% | -5 |
| 11286-STA-09580 | BD : Rectify Defects and Final BD Inspection | 8 | 22-Jan-26 | 29-Jan-26 | 0% | -5 |
| **EMSD RB Inspection** | | 20 | 31-Dec-25 | 19-Jan-26 | | 5 |
| 11286-STA-09600 | EMSD : Submission to EMSD for RB Inspection | 14 | 31-Dec-25 | 13-Jan-26 | 0% | 5 |
| 11286-STA-09610 | EMSD : RB Inspection | 6 | 14-Jan-26 | 19-Jan-26 | 0% | 5 |
| 11286-STA-09620 | EMSD : RB Approval Obtained | 0 | | 19-Jan-26 | 0% | 5 |

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Actual Level of Effort

**MTR 11286 Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station**

# 3 Months Rolling Programme (DD: 31 Oct 2023)

**(based on Revised Programme for Acceptance (Oct-23))**



| Date | Revision | Checked | Approved |
|---|---|---|---|
| 31-Oct-23 | 11286 3 months rolling programme | | |
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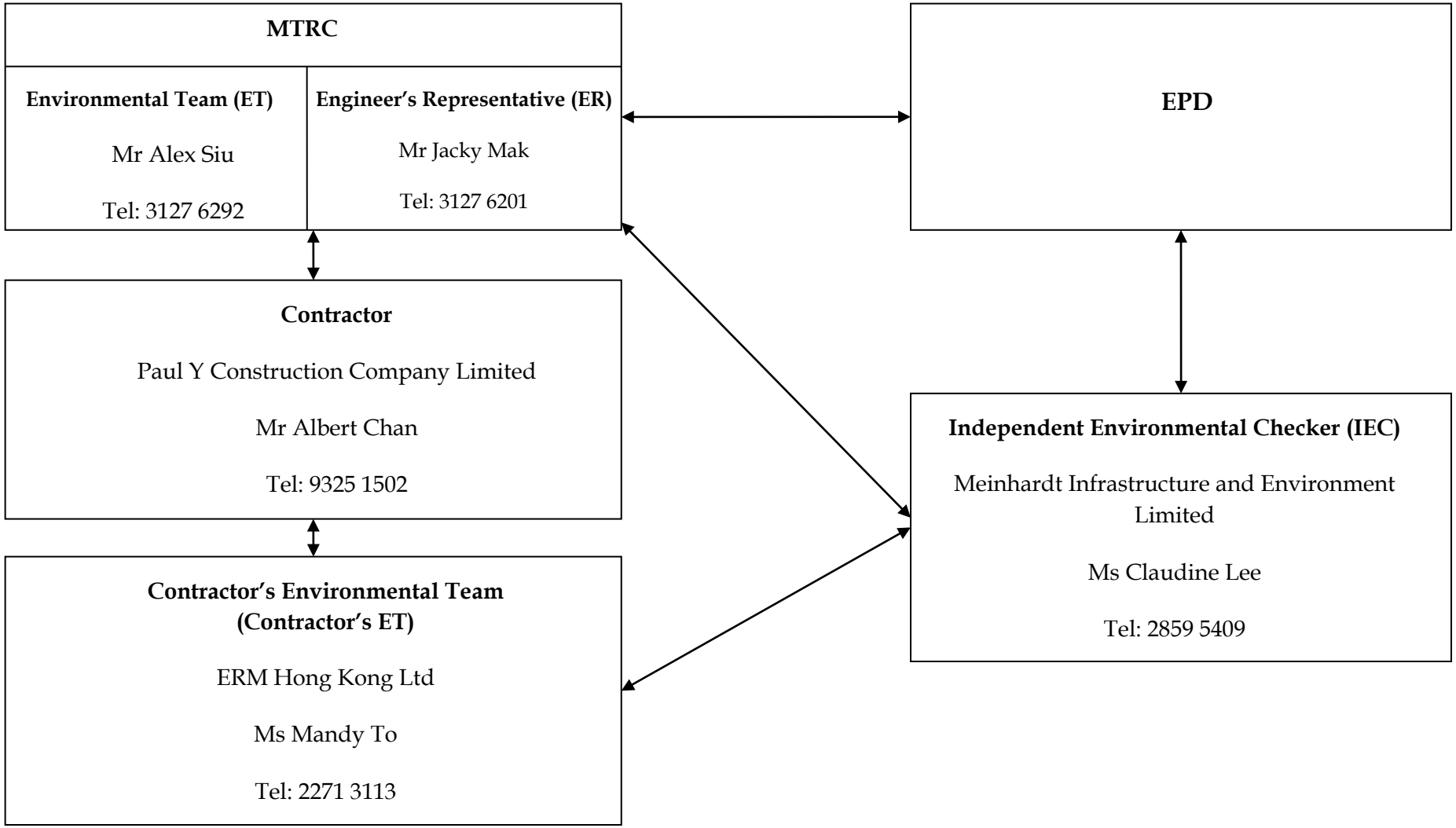
# APPENDIX C PROJECT ORGANIZATION CHART AND CONTACT DETAILS

***Appendix C – Organization Chart of SCL Works Contract 11286***



# APPENDIX D LOCATIONS OF NOISE AND DUST MONITORING STATION

## Legend

- Site Boundary
- Dust Monitoring Station
- Noise Monitoring Station

N

DMS-7 (Parc22 Rooftop)

DMS-7 (Skytower Tower 2 Podium)

NMS-CA-7 (Skytower Tower 2 Podium)

0 25 50 75 100 m

Appendix D

# Locations of Dust and Noise Monitoring Stations

File: P:\Projects\0699635 Paul Y SCL C11286 ET.CH\08 GIS\11286.qgz
Date: 2/11/2023

**Environmental Resources Management**

ERM

# APPENDIX E MONITORING SCHEDULE OF THE REPORTING MONTH AND THE NEXT MONTH

# Monitoring Schedule in October 2023

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|---|---|---|---|---|---|---|
| 1-Oct | 2-Oct | 3-Oct | 4-Oct | 5-Oct | 6-Oct | 7-Oct |
| | | | | - Noise Monitoring<br>- 1-hour TSP * 3 | | |
| 8-Oct | 9-Oct | 10-Oct | 11-Oct | 12-Oct | 13-Oct | 14-Oct |
| | | | - Noise Monitoring<br>- 1-hour TSP * 3 | | | |
| 15-Oct | 16-Oct | 17-Oct | 18-Oct | 19-Oct | 20-Oct | 21-Oct |
| | | - Noise Monitoring<br>- 1-hour TSP * 3 | | | | - 1-hour TSP * 3 |
| 22-Oct | 23-Oct | 24-Oct | 25-Oct | 26-Oct | 27-Oct | 28-Oct |
| | | | | | - Noise Monitoring<br>- 24-hour TSP | |
| 29-Oct | 30-Oct | 31-Oct | | | | |
| | | | | | | |

# Tentative Monitoring Schedule in November 2023

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|---|---|---|---|---|---|---|
| | | | 1-Nov | 2-Nov | 3-Nov | 4-Nov |
| | | | | - Noise Monitoring<br>- 24-hour TSP | | |
| 5-Nov | 6-Nov | 7-Nov | 8-Nov | 9-Nov | 10-Nov | 11-Nov |
| | | | - Noise Monitoring<br>- 24-hour TSP | | | |
| 12-Nov | 13-Nov | 14-Nov | 15-Nov | 16-Nov | 17-Nov | 18-Nov |
| | | - Noise Monitoring<br>- 24-hour TSP | | | | |
| 19-Nov | 20-Nov | 21-Nov | 22-Nov | 23-Nov | 24-Nov | 25-Nov |
| | - Noise Monitoring<br>- 24-hour TSP | | | | - 24-hour TSP | |
| 26-Nov | 27-Nov | 28-Nov | 29-Nov | 30-Nov | | |
| | | | | - Noise Monitoring<br>- 24-hour TSP | | |

# APPENDIX F CALIBRATION REPORTS

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

# Certificate of Calibration
# 校正證書

Certificate No. : C227323
證書編號

**ITEM TESTED / 送檢項目** ( Job No. / 序引編號 : IC22-2398 ) Date of Receipt / 收件日期 : 24 November 2022

Description / 儀器名稱 : Precision Acoustic Calibrator
Manufacturer / 製造商 : LARSON DAVIS
Model No. / 型號 : CAL200
Serial No. / 編號 : 15678
Supplied By / 委託者 : Envirotech Services Co.
Room 712, 7/F, My Loft, 9 Hoi Wing Road, Tuen Mun,
New Territories, Hong Kong

**TEST CONDITIONS / 測試條件**

Temperature / 溫度 : (23 ± 2)°C
Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

**TEST SPECIFICATIONS / 測試規範**

Calibration check

**DATE OF TEST / 測試日期** : 18 December 2022

**TEST RESULTS / 測試結果**

The results apply to the particular unit-under-test only.
The results do not exceed manufacturer's specification.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試 : H T Wong
Assistant Engineer

Certified By 核證 : K C Lee
Engineer

Date of Issue 簽發日期 : 19 December 2022

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.
本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

# Certificate of Calibration
# 校正證書

Certificate No. : C227323
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.

2. The results presented are the mean of 3 measurements at each calibration point.

3. Test equipment :

| Equipment ID | Description | Certificate No. |
|---|---|---|
| CL130 | Universal Counter | C223647 |
| CL281 | Multifunction Acoustic Calibrator | AV210017 |
| TST150A | Measuring Amplifier | C221750 |

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

| UUT Nominal Value | Measured Value (dB) | Mfr's Spec. (dB) | Uncertainty of Measured Value (dB) |
|---|---|---|---|
| 94 dB, 1 kHz | 93.9 | ± 0.2 | ± 0.2 |
| 114 dB, 1 kHz | 113.9 | | |

5.2 Frequency Accuracy

| UUT Nominal Value (kHz) | Measured Value (kHz) | Mfr's Spec. | Uncertainty of Measured Value (Hz) |
|---|---|---|---|
| 1 | 1.000 | 1 kHz ± 1 % | ± 1 |

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

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

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

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

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

# Certificate of Calibration
# 校正證書

Certificate No. : C232965
證書編號

**ITEM TESTED / 送檢項目** ( Job No. / 序引編號 : IC23-0878 ) Date of Receipt / 收件日期 : 4 May 2023

Description / 儀器名稱 : Sound Level Meter
Manufacturer / 製造商 : Rion
Model No. / 型號 : NL-52
Serial No. / 編號 : 00643049
Supplied By / 委託者 : Envirotech Services Co.
Room 712, 7/F, My Loft, 9 Hoi Wing Road, Tuen Mun,
New Territories, Hong Kong

**TEST CONDITIONS / 測試條件**

Temperature / 溫度 : (23 ± 2)°C Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

**TEST SPECIFICATIONS / 測試規範**

Calibration

**DATE OF TEST / 測試日期** : 27 May 2023

**TEST RESULTS / 測試結果**

The results apply to the particular unit-under-test only.
The results do not exceed specified limits. (after adjustment)
These limits refer to manufacturer's published tolerances as requested by the customer.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Hottinger Bruel & Kjaer Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試 : H T Wong
Assistant Engineer

Certified By 核證 : K C Lee
Engineer

Date of Issue 簽發日期 : 29 May 2023

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.
本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

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

# Certificate of Calibration
# 校正證書

Certificate No. : C232965
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

2. Self-calibration using the internal standard (After Adjustment) was performed before the test 6.1.1.2 to 6.3.2.

3. The results presented are the mean of 3 measurements at each calibration point.

4. Test equipment :

| Equipment ID | Description | Certificate No. |
|---|---|---|
| CL280 | 40 MHz Arbitrary Waveform Generator | C230306 |
| CL281 | Multifunction Acoustic Calibrator | CDK2302738 |

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

6.1.1.1 Before Adjustment

| UUT Setting | | | | Applied Value | | UUT Reading (dB) | IEC 61672 Class 1 Limit (dB) |
|---|---|---|---|---|---|---|---|
| Range (dB) | Function | Frequency Weighting | Time Weighting | Level (dB) | Freq. (kHz) | | |
| 30 - 130 | $L_A$ | A | Fast | 94.00 | 1 | * 95.5 | ± 1.1 |

* Out of IEC 61672 Class 1 Limit

6.1.1.2 After Adjustment

| UUT Setting | | | | Applied Value | | UUT Reading (dB) | IEC 61672 Class 1 Limit (dB) |
|---|---|---|---|---|---|---|---|
| Range (dB) | Function | Frequency Weighting | Time Weighting | Level (dB) | Freq. (kHz) | | |
| 30 - 130 | $L_A$ | A | Fast | 94.00 | 1 | 94.0 | ± 1.1 |

6.1.2 Linearity

| UUT Setting | | | | Applied Value | | UUT Reading (dB) |
|---|---|---|---|---|---|---|
| Range (dB) | Function | Frequency Weighting | Time Weighting | Level (dB) | Freq. (kHz) | |
| 30 - 130 | $L_A$ | A | Fast | 94.00 | 1 | 94.0 (Ref.) |
| | | | | 104.00 | | 104.0 |
| | | | | 114.00 | | 114.1 |

IEC 61672 Class 1 Limit : ± 0.6 dB per 10 dB step and ± 1.1 dB for overall different.

The test equipment used for calibration is traceable to the National Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.
本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

# Certificate of Calibration
# 校正證書

Certificate No. : C232965
證書編號

6.2 Time Weighting

| UUT Setting | | | | Applied Value | | UUT Reading (dB) | IEC 61672 Class 1 Limit (dB) |
|---|---|---|---|---|---|---|---|
| Range (dB) | Function | Frequency Weighting | Time Weighting | Level (dB) | Freq. (kHz) | | |
| 30 - 130 | $L_A$ | A | Fast | 94.00 | 1 | 94.0 | Ref. |
| | | | Slow | | | 94.0 | ± 0.3 |

6.3 Frequency Weighting

6.3.1 A-Weighting

| UUT Setting | | | | Applied Value | | UUT Reading (dB) | IEC 61672 Class 1 Limit (dB) |
|---|---|---|---|---|---|---|---|
| Range (dB) | Function | Frequency Weighting | Time Weighting | Level (dB) | Freq. | | |
| 30 - 130 | $L_A$ | A | Fast | 94.00 | 63 Hz | 67.7 | -26.2 ± 1.5 |
| | | | | | 125 Hz | 77.8 | -16.1 ± 1.5 |
| | | | | | 250 Hz | 85.3 | -8.6 ± 1.4 |
| | | | | | 500 Hz | 90.8 | -3.2 ± 1.4 |
| | | | | | 1 kHz | 94.0 | Ref. |
| | | | | | 2 kHz | 95.2 | +1.2 ± 1.6 |
| | | | | | 4 kHz | 95.0 | +1.0 ± 1.6 |
| | | | | | 8 kHz | 92.9 | -1.1 (+2.1 ; -3.1) |
| | | | | | 16 kHz | 86.0 | -6.6 (+3.5 ; -17.0) |

6.3.2 C-Weighting

| UUT Setting | | | | Applied Value | | UUT Reading (dB) | IEC 61672 Class 1 Limit (dB) |
|---|---|---|---|---|---|---|---|
| Range (dB) | Function | Frequency Weighting | Time Weighting | Level (dB) | Freq. | | |
| 30 - 130 | $L_C$ | C | Fast | 94.00 | 63 Hz | 93.1 | -0.8 ± 1.5 |
| | | | | | 125 Hz | 93.8 | -0.2 ± 1.5 |
| | | | | | 250 Hz | 94.0 | 0.0 ± 1.4 |
| | | | | | 500 Hz | 94.0 | 0.0 ± 1.4 |
| | | | | | 1 kHz | 94.0 | Ref. |
| | | | | | 2 kHz | 93.8 | -0.2 ± 1.6 |
| | | | | | 4 kHz | 93.2 | -0.8 ± 1.6 |
| | | | | | 8 kHz | 91.0 | -3.0 (+2.1 ; -3.1) |
| | | | | | 16 kHz | 84.1 | -8.5 (+3.5 ; -17.0) |

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

Certificate No. : C232965
證書編號

Remarks : - UUT Microphone Model No. : UC-59 & S/N : 12128

- Mfr's Limit : IEC 61672 Class 1

- Uncertainties of Applied Value :

| | | |
|---|---|---|
| 94 dB | 63 Hz - 125 Hz | : ± 0.35 dB |
| | 250 Hz - 500 Hz | : ± 0.30 dB |
| | 1 kHz | : ± 0.20 dB |
| | 2 kHz - 4 kHz | : ± 0.35 dB |
| | 8 kHz | : ± 0.45 dB |
| | 16 kHz | : ± 0.70 dB |
| 104 dB | 1 kHz | : ± 0.10 dB (Ref. 94 dB) |
| 114 dB | 1 kHz | : ± 0.10 dB (Ref. 94 dB) |

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

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

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

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# ALS Technichem (HK) Pty Ltd

## ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES

### SUB-CONTRACTING REPORT

| | | | |
|---|---|---|---|
| CONTACT | : MR MAGNUM FAN | WORK ORDER | : HK2312358 |
| CLIENT | : ENVIROTECH SERVICES CO. | | |
| ADDRESS | : RM 712, 7/F, MY LOFT 9 HOI WING ROAD, TUEN MUN, N.T., HK | SUB-BATCH | : 1 |
| | | DATE RECEIVED | : 31-MAR-2023 |
| | | DATE OF ISSUE | : 11-APR-2023 |
| PROJECT | : ---- | NO. OF SAMPLES | : 1 |
| | | CLIENT ORDER | : ---- |

### *General Comments*

- Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in ambient condition. The result(s) related only to the item(s) tested.
- Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.
- Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified.
- Calibration was subcontracted to and analysed by Envirotech Services Company

### *Signatories*

This document has been signed by those names that appear on this report and are the authorised signatories

| *Signatories* | *Position* |
|---|---|
| Richard Fung | Managing Director |

This report supersedes any previous report(s) with the same work order number.

All pages of this report have been checked and approved for release.

**ALS Technichem (HK) Pty Ltd**
Part of the **ALS Laboratory Group**

11/F. Chung Shun Knitting Centre 1 - 3 Wing Yip Street Kwai Chung N.T. Hong Kong
**Tel. +852 2610 1044** Fax. +852 2610 2021 **www.alsglobal.com**

WORK ORDER : HK2312358
SUB-BATCH : 1
CLIENT : ENVIROTECH SERVICES CO.
PROJECT : ----

| ALS Lab ID | Client's Sample ID | Sample Type | Sample Date | External Lab Report No. |
|---|---|---|---|---|
| HK2312358-001 | Sibata (326285) | Equipments | 18-Mar-2023 | S/N: 326285 |

Envirotech Services Co.
Rm. 712, 7/F
My Loft,
9 Hoi Wing Road,
Tuen Mun, H.K
Tel : 2560 8450
Fax : 2560 6553
E-mail: envirotech@netvigator.com

## Equipment Verification Report (TSP)

**Equipment Calibrated:**

| | |
|---|---|
| Type: | Laser Dust Monitor |
| Manufacturer: | Sibata LD-3B |
| Serial No.: | 326285 |
| Equipment Ref.: | N/A |
| Job Order: | HK2311344 |

**Standard Equipment**

| | |
|---|---|
| Standard Equipment: | High Volume Sampler (TSP) |
| Location & Location ID: | Envirotech Room (Calibration Room) |
| Equipment Ref.: | HVS 8162 |
| Last Calibration Date: | 28-Feb-2023 |

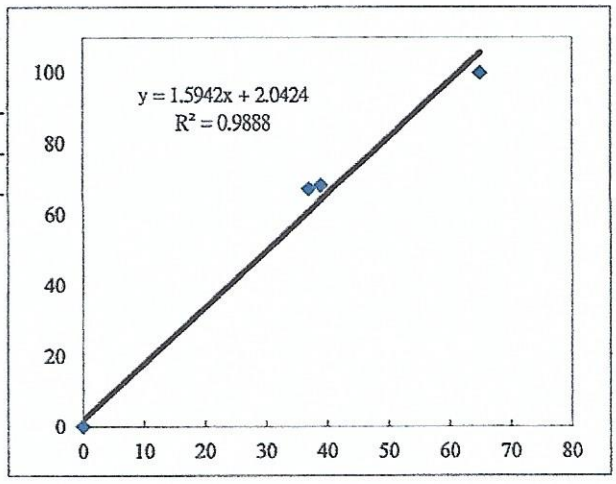
**Equipment Verification Results:**

Verification Date: 17 & 18 March 2023

| Hour | Time | Mean Temp °C | Mean Pressure (hpa) | Concentration in µg/m³ (Standard Equipment) | Total Count (Calibrated Equipment) | Count /Minute (Total Count/min) |
|---|---|---|---|---|---|---|
| 1hr 00mins | 1410-1510 | 24.2 | 1018.2 | 100 | 3910 | 65 |
| 1hr 00mins | 0810-0910 | 22.2 | 1021.5 | 67 | 2218 | 37 |
| 1hr 00mins | 1510-1610 | 25.0 | 1022.4 | 68 | 2350 | 39 |

**Linear Regression of Y or X**

| | |
|---|---|
| Slope (K-factor): | 1.5942(µg/m³)/CPM |
| Correlation Coefficient (R): | 0.9944 |
| Date of Issue: | 29-Mar-2023 |




Remarks:

1 . Strong Correlation (>0.8)

2. Factor 1.5942 (µg/m³)/CPM should be applied for TSP monitoring

*If R<0.5, repair or verification is required for the equipment

Operator: P.F.Yeung Signature Fai Date: 29 March 2023

QC Reviewer: K.F.Ho Signature Fat Date: 29 March 2023

# TSP SAMPLER CALIBRATION CACULATION SPREADSHEET

| | | | |
|---|---|---|---|
| Location : | Rm. 712, My Loft, Tuen Mun | Date of Calibration: | 28-Feb-23 |
| HVS ID: | 8162 | Next Calibration Date: | 28-Apr-23 |
| Name and Model : | TISCH HVS Model TE-5170 | Operator: | K.F.Ho |

## CONDITIONS

| | | | |
|---|---|---|---|
| Sea Level Pressure (hpa) | 1021 | Corrected Pressure (mm Hg) | 764.3 |
| Temperature (°C) | 22.0 | Temperature (K) | 295 |

## CALIBRATION ORIFICE

| | | | |
|---|---|---|---|
| Make: | TISCH | Qstd Slope | 2.06918 |
| Model: | TE-5025A | Qstd Intercept | -0.04220 |
| Serial#: | 2454 | | |

## CALIBRATION

| Plate No. | H2O(L) (in) | H20(R) (in) | H2O (in) | Qstd (m3/min) | I (chart) | IC (corrected) | LINEAR REGRESSION |
|---|---|---|---|---|---|---|---|
| 18 | 6.7 | 6.6 | 13.3 | 1.797 | 62 | 62.51 | Slope= 31.428 |
| 13 | 5.2 | 5.1 | 10.3 | 1.584 | 55 | 55.45 | Intercept= 5.569 |
| 10 | 4.0 | 3.9 | 7.9 | 1.390 | 48 | 48.39 | Corr. Coeff.= 0.9990 |
| 7 | 2.5 | 2.5 | 5.0 | 1.110 | 40 | 40.33 | |
| 5 | 1.4 | 1.4 | 2.8 | 0.836 | 32 | 32.26 | |

Calulations:

Qstd = 1/m[Sqrt(H2O(Pa/Pstd)(Tstd/Ta))-b]

IC = I[Sqrt(Pa/Pstd)(Tstd/Ta)]

Qstd = standard flow rate

IC = corrected chart response

I = actual chart response

m = calibrator Qstd slope

b = calibrator Qstd intercept

Ta = actual temperature during calibration (deg K)

Pa = actual pressure during calibration (mm Hg)

For subsequent calculation of sampler flow:

1/m((I)[Sqrt(298/Tav)(Pav/760)]-b)

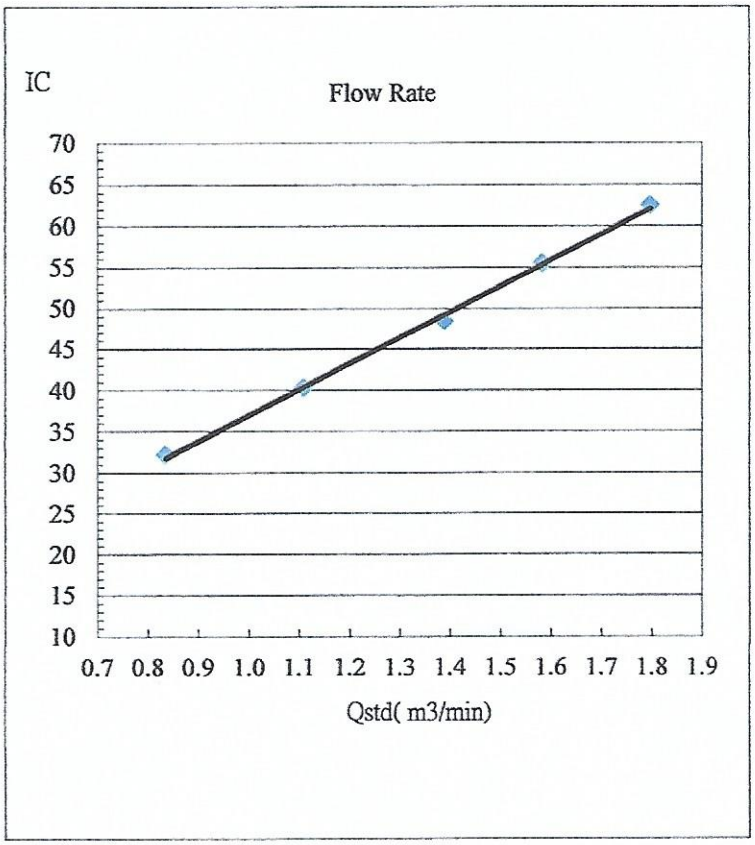
m = sampler slope

b = sampler intercept

I = chart response

Tav = daily average temperature

Pav = daily average pressure



TISCH Environmental

| RECALIBRATION DUE DATE: |
|---|
| December 15, 2023 |

# Certificate of Calibration

| Calibration Certification Information | | | | |
|---|---|---|---|---|
| **Cal. Date:** | December 15, 2022 | **Rootsmeter S/N:** 438320 | **Ta:** 295 | °K |
| **Operator:** | Jim Tisch | | **Pa:** 748.0 | mm Hg |
| **Calibration Model #:** | TE-5025A | **Calibrator S/N:** **4064** | | |

| Run | Vol. Init (m3) | Vol. Final (m3) | ΔVol. (m3) | ΔTime (min) | ΔP (mm Hg) | ΔH (in H2O) |
|---|---|---|---|---|---|---|
| 1 | 1 | 2 | 1 | 1.4430 | 3.2 | 2.00 |
| 2 | 3 | 4 | 1 | 1.0210 | 6.4 | 4.00 |
| 3 | 5 | 6 | 1 | 0.9170 | 7.9 | 5.00 |
| 4 | 7 | 8 | 1 | 0.8730 | 8.8 | 5.50 |
| 5 | 9 | 10 | 1 | 0.7210 | 12.8 | 8.00 |

**Data Tabulation**

| Vstd (m3) | Qstd (x-axis) | $\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$ (y-axis) | Va | Qa (x-axis) | $\sqrt{\Delta H\left(Ta/Pa\right)}$ (y-axis) |
|---|---|---|---|---|---|
| 0.9900 | 0.6861 | 1.4101 | 0.9957 | 0.6900 | 0.8881 |
| 0.9858 | 0.9655 | 1.9943 | 0.9914 | 0.9711 | 1.2560 |
| 0.9838 | 1.0728 | 2.2296 | 0.9894 | 1.0790 | 1.4042 |
| 0.9826 | 1.1255 | 2.3385 | 0.9882 | 1.1320 | 1.4728 |
| 0.9772 | 1.3554 | 2.8203 | 0.9829 | 1.3632 | 1.7762 |
| **QSTD** | **m=** | **2.10977** | **QA** | **m=** | **1.32110** |
| | **b=** | **-0.03782** | | **b=** | **-0.02382** |
| | **r=** | **0.99998** | | **r=** | **0.99998** |

**Calculations**

| | | | |
|---|---|---|---|
| **Vstd=** | ΔVol((Pa-ΔP)/Pstd)(Tstd/Ta) | **Va=** | ΔVol((Pa-ΔP)/Pa) |
| **Qstd=** | Vstd/ΔTime | **Qa=** | Va/ΔTime |

**For subsequent flow rate calculations:**

**Qstd=** $1/m\left(\left(\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}\right)-b\right)$

**Qa=** $1/m\left(\left(\sqrt{\Delta H\left(Ta/Pa\right)}\right)-b\right)$

| Standard Conditions | |
|---|---|
| Tstd: | 298.15 °K |
| Pstd: | 760 mm Hg |

| Key |
|---|
| ΔH: calibrator manometer reading (in H2O) |
| ΔP: rootsmeter manometer reading (mm Hg) |
| Ta: actual absolute temperature (°K) |
| Pa: actual barometric pressure (mm Hg) |
| b: intercept |
| m: slope |

**RECALIBRATION**

US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30

Tisch Environmental, Inc.
145 South Miami Avenue
Village of Cleves, OH 45002

www.tisch-env.com
TOLL FREE: (877)263-7610
FAX: (513)467-9000

TISCH Environmental

| RECALIBRATION DUE DATE: |
|---|
| December 15, 2023 |

# Certificate of Calibration

| Calibration Certification Information | | | | |
|---|---|---|---|---|
| **Cal. Date:** | December 15, 2022 | **Rootsmeter S/N:** 438320 | **Ta:** 295 | °K |
| **Operator:** | Jim Tisch | | **Pa:** 742.4 | mm Hg |
| **Calibration Model #:** | TE-5025A | **Calibrator S/N:** **2454** | | |

| Run | Vol. Init (m3) | Vol. Final (m3) | ΔVol. (m3) | ΔTime (min) | ΔP (mm Hg) | ΔH (in H2O) |
|---|---|---|---|---|---|---|
| 1 | 1 | 2 | 1 | 1.4060 | 3.2 | 2.00 |
| 2 | 3 | 4 | 1 | 0.9980 | 6.4 | 4.00 |
| 3 | 5 | 6 | 1 | 0.8900 | 7.9 | 5.00 |
| 4 | 7 | 8 | 1 | 0.8520 | 8.8 | 5.50 |
| 5 | 9 | 10 | 1 | 0.7040 | 12.7 | 8.00 |

**Data Tabulation**

| Vstd (m3) | Qstd (x-axis) | $\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$ (y-axis) | Va | Qa (x-axis) | $\sqrt{\Delta H\left(Ta/Pa\right)}$ (y-axis) |
|---|---|---|---|---|---|
| 0.9826 | 0.6988 | 1.4049 | 0.9957 | 0.7082 | 0.8914 |
| 0.9783 | 0.9803 | 1.9868 | 0.9914 | 0.9934 | 1.2607 |
| 0.9763 | 1.0970 | 2.2213 | 0.9894 | 1.1116 | 1.4095 |
| 0.9751 | 1.1445 | 2.3297 | 0.9881 | 1.1598 | 1.4783 |
| 0.9700 | 1.3778 | 2.8097 | 0.9829 | 1.3962 | 1.7829 |
| **QSTD** | **m=** | **2.06918** | **QA** | **m=** | **1.29568** |
| | **b=** | **-0.04220** | | **b=** | **-0.02677** |
| | **r=** | **0.99997** | | **r=** | **0.99997** |

**Calculations**

| | | | |
|---|---|---|---|
| **Vstd=** | ΔVol((Pa-ΔP)/Pstd)(Tstd/Ta) | **Va=** | ΔVol((Pa-ΔP)/Pa) |
| **Qstd=** | Vstd/ΔTime | **Qa=** | Va/ΔTime |

**For subsequent flow rate calculations:**

**Qstd=** $1/m\left(\left(\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}\right)-b\right)$

**Qa=** $1/m\left(\left(\sqrt{\Delta H\left(Ta/Pa\right)}\right)-b\right)$

| Standard Conditions | |
|---|---|
| Tstd: | 298.15 °K |
| Pstd: | 760 mm Hg |

| Key |
|---|
| ΔH: calibrator manometer reading (in H2O) |
| ΔP: rootsmeter manometer reading (mm Hg) |
| Ta: actual absolute temperature (°K) |
| Pa: actual barometric pressure (mm Hg) |
| b: intercept |
| m: slope |

| RECALIBRATION |
|---|
| US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30 |

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High-Volume TSP Sampler
5-Point Calibration Record

Location : Sky Tower
Calibrated by : K. T. Ho
Date : 27/10/2023

Sampler
Model : TE-5170
Serial Number : S/N 3958

Calibration Orifice and Standard Calibration Relationship
Serial Number : 2454
Service Date : 15 December 2022
Slope(m) : 2.06918
Intercept(b) : -0.04220
Correlation Coefficient(r) : 0.99997

Standard Condition
Pstd (hpa) : 1013
Tstd (K) : 298.18

Calibration Condition
Pa (hpa) : 1014
Ta(K) : 300

| Resistance Plate | | dH [green liquid] (inch water) | Z | X=Qstd (cubic meter/min) | IC | Y |
|---|---|---|---|---|---|---|
| 1 | 18 holes | 9.8 | 3.122 | 1.529 | 54 | 53.85 |
| 2 | 13 holes | 7.8 | 2.785 | 1.366 | 50 | 49.86 |
| 3 | 10 holes | 6.1 | 2.463 | 1.211 | 45 | 44.88 |
| 4 | 7 holes | 3.6 | 1.892 | 0.935 | 38 | 37.90 |
| 5 | 5 holes | 2.6 | 1.608 | 0.798 | 31 | 30.92 |

Notes:Z=SQRT{dH(Pa/Pstd)(Tstd/Ta)}, X=Z/m-b ,Y(Corrected Flow)=IC*{SQRT(Pa/Pstd)(Tstd/Ta)}

Sampler Calibration Relationship

Slope(m):30.363 Intercept(b):8.025 Correlation Coefficient(r): 0.9934

Checked by: Magnum Fan Date: 30/10/2023

# APPENDIX G SUMMARY OF EVENT / ACTION PLANS

## *Appendix G1 – Event and Action Plan for Regular Construction Noise Monitoring*

| EVENT | Action | | | |
|---|---|---|---|---|
| | Contractor's Environmental Team (Contractor's ET) | Independent Environmental Checker (IEC) | Engineer Representative (ER) | The Contractor |
| Exceeding Action Level | 1. Notify the IEC, Contractor and ER;<br>2. Discuss with the ER, IEC and Contractor on the remedial measures required;<br>3. Increase the monitoring frequency to check mitigation effectiveness. | 1. Review the investigation results submitted by the contractor;<br>2. Review and advise the ET and ER on the effectiveness of the remedial measures proposed by the Contractor. | 1. Confirm receipt of notification of complaint in writing ;<br>2. Notify the Contractor, IEC and ET;<br>3. Review and agree on the remedial measures proposed by the Contractor;<br>4. Supervise the implementation of remedial measures. | 1. Investigate the complaint and propose remedial measures;<br>2. Report the results of investigation to the IEC, ET and ER;<br>3. Submit noise mitigation proposals to the ER with copy to the IEC and ET within 3 working days of notification;<br>4. Implement noise mitigation proposals. |
| Exceeding Limit Level | 1. Notify the IEC, Contractor and EPD;<br>2. Repeat measurement to confirm findings;<br>3. Increase the monitoring frequency;<br>4. Carry out analysis of the Contractor's working procedures to determine possible mitigation to be implemented;<br>5. Arrange meeting with the IEC, Contractor and ER to discuss the remedial measures to be taken;<br>6. Inform the IEC, ER and EPD the causes and actions taken for the exceedances<br>7. Assess the effectiveness of the Contractor's remedial measures and keep the IEC, ER and EPD informed of the results | 1. Check the monitoring data submitted by the ET;<br>2. Check the Contractor's working method;<br>3. Discuss with the ET, ER, and Contractor on the potential remedial measures;<br>4. Review and advise the ET and ER on the effectiveness of the remedial measures proposed by the Contractor | 1. Confirm receipt of notification of exceedance in writing;<br>2. Notify the Contractor, IEC and ET;<br>3. In consultation with the ET and 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 what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated. | 1. Identify reason(s) and investigate the causes of exceedance;<br>2. Take immediate action to avoid further exceedance;<br>3. Submit proposals for remedial measures to the ER with a copy to the IEC and ET within three working days of notification;<br>4. Implement the agreed proposals;<br>5. Revise and resubmit proposals if problem is still not under control;<br>6. Stop the relevant portion of works as determined by the ER until the exceedance is abated. |

## *Appendix G2 – Event and Action Plan for Regular Construction Dust Monitoring*

| Event | Action | | | |
|---|---|---|---|---|
| | Contractor's Environmental Team (Contractor's ET) | Independent Environmental Checker (IEC) | Engineer Representative (ER) | The Contractor |
| **Action Level** | | | | |
| Exceedance for one sample | 1. Inform the IEC, Contractor and ER;<br>2. Discuss with the Contractor, IEC and ER on the remedial measures required;<br>3. Repeat measurement to confirm findings;<br>4. Increase the monitoring frequency | 1. Check the monitoring data submitted by the ET;<br>2. Check the Contractor's working method;<br>3. Review and advise the ET and ER on the effectiveness of the proposed remedial measures. | 1. Confirm receipt of notifications of exceedance in writing; | 1. Identify reason(s), investigate the causes of exceedance and propose remedial measures;<br>2. Implement remedial measures;<br>3. Amend working methods and agree them with the ER as appropriate. |
| Exceedance for two or more consecutive samples | 1. Inform the IEC, Contractor and ER;<br>2. Discuss with the ER, IEC and Contractor on the remedial measures required;<br>3. Repeat measurements to confirm findings;<br>4. Increase the monitoring frequency to daily;<br>5. If exceedance continues, arrange meeting with the IEC, ER and Contractor;<br>6. If exceedance stops, the monitoring frequency will resume normal. | 1. Check the monitoring data submitted by the ET;<br>2. Check the Contractor's working method;<br>3. Review and advise the ET and ER on the effectiveness of the proposed remedial measures. | 1. Confirm receipt of notification of exceedance in writing;<br>2. Notify the Contractor, IEC and ET;<br>3. Review and agree on the remedial measures proposed by the Contractor;<br>4. Supervise the Implementation of remedial measures. | 1. Identify reasons and investigate the causes of exceedance;<br>2. Submit proposals of remedial measures to the ER with a copy to the ET and IEC within three working days of notification;<br>3. Implement the agreed proposals;<br>4. Amend the proposal as appropriate. |

| Event | Action | | | |
|---|---|---|---|---|
| | Contractor's Environmental Team (Contractor's ET) | Independent Environmental Checker (IEC) | Engineer Representative (ER) | The Contractor |
| **Limit Level** | | | | |
| Exceedance for one sample | 1. Inform the IEC, Contractor and ER;<br>2. Repeat measurement to confirm findings;<br>3. Increase the monitoring frequency to daily;<br>4. Discuss with the ER, IEC and contractor on the remedial measures and assess the effectiveness. | 1. Check the monitoring data submitted by the ET;<br>2. Check the Contractor's working method;<br>3. Discuss with the ET, ER and Contractor on possible remedial measures;<br>4. Review and advise the ER and ET on the effectiveness of Contractor's remedial measures. | 1. Confirm receipt of notification of exceedance in writing;<br>2. Notify the Contractor, IEC and ET;<br>3. Review and agree on the remedial measures proposed by the Contractor;<br>4. Supervise the implementation of remedial measures. | 1. Identify reason(s) and investigate the causes of exceedance;<br>2. Take immediate action to avoid further exceedance;<br>3. Submit proposals of remedial measures to ER with a copy to the ET and IEC within three working days of notification;<br>4. Implement the agreed proposals;<br>5. Amend proposal if appropriate. |
| Exceedance for two or more consecutive samples | 1. Notify the IEC, Contractor and EPD;<br>2. Repeat measurement to confirm findings;<br>3. Increase the monitoring frequency to daily;<br>4. Carry out analysis of the Contractor's working procedures with the ER to determine possible mitigation to be implemented;<br>5. Arrange meeting with the IEC, Contractor and ER to discuss the remedial measures to be taken;<br>6. Review the effectiveness of the Contractor's remedial measures and keep the IEC, EPD and ER informed of the results;<br>7. If exceedance stops, the monitoring frequency will return to normal. | 1. Check the monitoring data submitted by the ET;<br>2. Check the Contractor's working method;<br>3. Discuss with the ET, ER, and Contractor on the potential remedial measures;<br>4. Review and advise the ER and ET on the effectiveness of Contractor's remedial measures. | 1. Confirm receipt of notification of exceedance in writing;<br>2. Notify the Contractor, IEC and ET;<br>3. In consultation with the ET and 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 what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated. | 1. Identify reason(s) and investigate the causes of exceedance;<br>2. Take immediate actions to avoid further exceedance;<br>3. Submit proposals of remedial measures to the ER with a copy to the IEC and ET within three working days of notification;<br>4. Implement the agreed proposals;<br>5. Revise and resubmit proposals if problem still not under control;<br>6. Stop the relevant portion of works as determined by the ER until the exceedance is abated. |

## *Appendix G3 – Event and Action Plan for Landscape and Visual Impacts during the construction phase*

| Event | Action | | | |
|---|---|---|---|---|
| | **Contractor's Environmental Team (Contractor's ET)** | **Independent Environmental Checker (IEC)** | **Engineer Representative (ER)** | **The Contractor** |
| Non-conformity on one occasion | 1. Inform the Contractor, the IEC and the ER.<br>2. Discuss remedial actions with the IEC, ER and Contractor.<br>3. Monitor remedial actions until rectification has been completed. | 1. Check the inspection report.<br>2. Check the Contractor's working method.<br>3. Discuss with the ET, ER and Contractor on possible remedial measures.<br>4. Advise the ER on the effectiveness of proposed remedial measures. | 1. Confirm receipt of notifications of nonconformity in writing.<br>2. Review and agree on the remedial measures proposed by the Contractor.<br>3. Supervise the implementation of remedial measures. | 1. Identify reasons and investigate the non-conformity.<br>2. Implement remedial measures<br>3. Amend working methods and agree them with the ER as appropriate.<br>4. Rectify the damage and undertake any necessary replacement. |
| Repeated Nonconformity | 1. Identify Reasons.<br>2. Inform the Contractor, IEC and ER.<br>3. Increase the inspection frequency.<br>4. Discuss remedial actions with the IEC, ER and Contractor.<br>5. Monitor remedial actions until rectification has been completed.<br>6. If non-conformity stops, the inspection frequency return to normal (ie,. Once every two weeks) | 1. Check the inspection report.<br>2. Check the Contractor's working method.<br>3. Discuss with the ET and Contractor on possible remedial measures.<br>4. Advise the ER on the effectiveness of proposed remedial measures. | 1. Notify the Contractor.<br>2. In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented.<br>3. Supervise the implementation of remedial measures. | 1. Identify Reasons and investigate the non-conformity.<br>2. Implement remedial measures.<br>3. Amend working methods and agree them with the ER as appropriate.<br>4. Rectify the damage and undertake any necessary replacement.<br>5. Stop relevant works as determined by the ER until the non-conformity is abated. |

# APPENDIX H SUMMARY OF IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION

## *Appendix H Environmental Mitigation Implementation Status – SCL Works Contract 11286 (Pedestrian Link Connecting Pak Tai Street and Sung Wong Toi Station)*

**Note:**

| | |
|---|---|
| * | Reference has been made to the approved SCL (TAW-HUH) EM&A Manual. |
| √ | Compliance of Mitigation Measures |
| <> | Compliance of Mitigation but need improvement |
| x | Non-compliance of Mitigation Measures |
| ▲ | Non-compliance of Mitigation Measures but rectified by the Contractor |
| Δ | Deficiency of Mitigation Measures but rectified by the Contractor |
| N/A | Not Applicable in Reporting Period |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| **Cultural Heritage Impact** | | | | | | | |
| - | Table 3.3 of Works Contract's ERR | Special attention should be paid to avoid adverse physical impact arising from the proposed works to the buildings of the School. Design proposal, method of works and choice of machinery should be targeted to minimize adverse impacts to the heritage sites. Works boundary should be set away from the historic buildings of the School as far as practical and physical barrier should be provided to fence off historic buildings from the works site of the Project. | Minimise built heritage impacts | Contractor | Old Far East Flying Training School (existing HKAC) | During foundation works of construction stage | N/A |
| - | Table 3.3 of Works Contract's ERR | Detailed design proposal, impact assessment and precautionary measures of the footbridge (including but not limited to piling, ELS and footbridge deck construction) and entrance lobbies should be submitted for AMO's consideration. | Minimise built heritage impacts | Contractor | Old Far East Flying Training School (existing HKAC) | During foundation works of construction stage | N/A |
| - | Table 3.3 of Works Contract's ERR | Foundation information of the historic buildings should be verified on site if needed and sufficient lateral support should be provided and de-watering (if required) should be carried out with great caution to control ground movement and change of groundwater regime during the excavation works in close vicinity to the historic | Minimise built heritage impacts | Contractor | Old Far East Flying Training School (existing HKAC) | During foundation works of construction stage | N/A |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | buildings. | | | | | |
| - | Table 3.3 of Works Contract's ERR | Pre- and post-construction condition survey of the historical buildings should be carried out to record their conditions. The survey reports should be submitted to AMO for record | Minimise built heritage impacts | Contractor | Old Far East Flying Training School (existing HKAC) | During foundation works of construction stage | N/A |
| - | Table 3.3 of Works Contract's ERR | Any vibration and building movement induced from the proposed works should be closely monitored to ensure no disturbance and physical damages made to the heritage sites during the course of works. Monitoring proposal for the heritage sites, including checkpoint locations, installation details, response actions for each of the Alert/ Alarm/ Action (3As) levels and frequency of monitoring should be submitted for AMO's consideration. | Minimise built heritage impacts | Contractor | Old Far East Flying Training School (existing HKAC) | During foundation works of construction stage | N/A |
| - | Section 3.6 of Works Contract's ERR | As a precautionary measure, vibration and settlement monitoring is recommended during foundation works of the construction phase of the Project. | Minimise archaeological impacts | Contractor | All construction sites | During foundation works of construction stage | N/A |
| **Ecology (Construction Phase)** | | | | | | | |
| S5.7 | E5 | Good Site Practices<br>Impact on any habitats or local fauna should be avoided by implementing good site practices, including the containment of silt runoff within the site boundary, containment of contaminated soils for removal from the site, appropriate storage of chemicals and chemical waste away from sites of ecological value and the provision of sanitary facilities for on-site workers. Adoption of such measures should permit waste to be suitably contained within the site for subsequent removal and appropriate disposal.<br><br>The following good site practices should also be implemented: | Minimise ecological impacts | Contractor | All construction sites | Construction Stage | N/A |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | • Erection of temporary geotextile silt or sediment fences/oil traps around earth-moving works to trap sediments and prevent them from entering watercourses;<br>• Avoidance of soil storage against trees or close to water bodies;<br>• Delineation of works site by erecting hoardings to prevent encroachment onto adjacent habitats and fence off areas which have some ecological value e.g. tunnel on hill at top of slope stabilisation works;<br>• No on-site burning of waste;<br>• Store waste and refuse in appropriate receptacles. | | | | | |
| **Landscape & Visual (Construction Phase)** | | | | | | | |
| S6.12 | LV2 / Table 5.4 of Works Contract's ERR | <u>Decorative Hoarding</u><br>• Erection of decorative screen in visual and landscape sensitive areas during the construction stage to screen off undesirable views of the construction site . Hoarding should be designed to be compatible with the existing urban context. | Minimize visual & landscape impact | Contractor | Within Project Site | Construction Stage | √ |
| S6.12 | LV2 / Table 5.4 of Works Contract's ERR | <u>Management of facilities on work sites</u><br>• To provide proper management of the on-site facilities, control the height and disposition/ arrangement of all facilities on the works site to minimize visual impact to adjacent Visual Sensitive Receivers (VSRs). | Minimize visual & landscape impact | Contractor | Within Project Site | Construction Stage | √ |
| S6.12 | LV2 / Table 5.4 of Works Contract's ERR | <u>Aesthetic landscape and architectural treatment on Station/ Entrance/ ventilation shaft/ portal</u><br>• All station entrances, ventilation shafts and all aboveground structures shall be sensitively designed to ensure that suitable architectural design and the constraints. | Minimize visual & landscape impact | MTRC | Within Project Site | Construction Stage | N/A |
| S6.12 | LV2 / | <u>Re-instatement of excavated area</u> | Minimize visual & | MTRC | Within Project Site | Construction Stage | N/A |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | Table 5.4 of Works Contract's ERR | • All excavated area and disturbed area for temporary works utilities diversion, temporary road diversion, and pipeline works shall be reinstated to former conditions or better, to the satisfaction of the relevant Government departments. | landscape impact | | | | |
| **Construction Dust** | | | | | | | |
| S7.6.5 | D1 | The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation. | Minimize dust impact at the nearby sensitive receivers | Contractor | All construction sites | Construction stage | √ |
| S7.6.5 | D2 | Mitigation measures in form of regular watering under a good site practice should be adopted. Watering once per hour on exposed worksites and haul roads in the Kowloon area should be conducted to achieve dust removal efficiencies of 91.7%. While the above watering frequencies are to be followed, the extent of watering may vary depending on actual site conditions but should be sufficient to maintain an equivalent intensity of no less than 1.8 $l/m^2$ to achieve the dust removal efficiency | Minimize dust impact at the nearby sensitive receivers | Contractor | All construction sites | Construction stage | √ |
| S7.6.5 | D3 | • Proper watering of exposed spoil should be undertaken throughout the construction phase;<br>• Any excavated or stockpile of dusty material should be covered entirely by an impervious sheeting or sprayed with water to maintain an entirely wet surface and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading;<br>• Any dusty materials remaining after a stockpile has been removed should be wetted with water and cleared from the surface of roads;<br>• A stockpile of dusty materials should not be extended beyond the pedestrian barriers, | Minimize dust impact at the nearby sensitive receivers | Contractor | All construction sites | Construction stage | √ |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | fencing or traffic cones.<br>• The load of dusty materials on a vehicle leaving a construction site should be covered entirely by an impervious sheeting to ensure that the dusty materials do not leak from the vehicle;<br>• Where practicable, vehicle washing facilities with high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;<br>• When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided and properly maintained as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period;<br>• The portion of any road which leads only to construction site and is within 30m of a vehicle entrance or exit should be kept clear of dusty materials;<br>• Surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations take place should be sprayed with water or a dust suppression chemical continuously;<br>• Any area that involves demolition activities should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain an entirely wet surface | | | | | |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | • Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground floor level of the building upward, or a canopy should be provided from the first floor level up to the highest level of the scaffolding;<br>• Any skip hoist for material transport should be totally enclosed by an impervious sheeting;<br>• Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by an impervious sheeting or placed in an area sheltered on the top and 3 sides;<br>• Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed;<br>• Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system; and<br>• Exposed earth should be properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after the last construction activity on the construction site or part of the construction site where the exposed earth lies. | | | | | |
| S7.6.5 | D6 | Implement regular dust monitoring under EM&A programme during the construction stage. | Monitoring of dust impact | Contractor's ET | Selected representative dust monitoring station | Construction stage | √ |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| EP Condition 2.18(a) | D7 | Watering once every working hour for active works areas, exposed areas and paved haul roads shall be provided in Kowloon area to keep these active works areas, exposed areas and paved haul roads wet. | Minimize construction dust impact | Contractor | All construction sites | Construction stage | <> |
| EP Condition 2.19 | D8 | All diesel fuelled construction plant, including marine vessels if possible, used by the contractors within the works areas of the Project shall be powered by ultra low sulphur diesel fuel. | Minimize aerial emissions of sulphur dioxide from construction plant | Contractor | All construction sites | Construction stage | √ |
| **Construction Noise (Airborne)** | | | | | | | |
| S8.3.6 | N1 | Implement the following good site practices:<br>• only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme;<br>• machines and plant (such as trucks, cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum;<br>• plant known to emit noise strongly in one direction, where possible, should be orientated so that the noise is directed away from nearby NSRs;<br>• silencers or mufflers on construction equipment should be properly fitted and maintained during the period of construction works;<br>• mobile plant should be sited as far away from NSRs as possible and practicable;<br>• material stockpiles, mobile container site office and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities. | Control construction airborne noise | Contractor | All construction sites | Construction stage | √ |
| S8.3.6 | N2 | Install temporary hoarding located on the site boundaries between noisy construction activities and NSRs. The conditions of the hoardings shall be properly maintained throughout the | Reduce the construction noise levels at low-level zone of NSRs through partial screening. | Contractor | All construction sites | Construction stage | √ |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | construction period. | | | | | |
| S8.3.6 | N3 | Install movable noise barriers (typical design is wooden framed barrier with a small-cantilevered on a skid footing with 25mm thick internal sound absorptive lining), acoustic mat or full enclosure, screen the noisy plants including air compressor, generators and saw. | Screen the noisy plant items to be used at all construction sites | Contractor | All construction sites where practicable | Construction stage | N/A |
| S8.3.6 | N4 | Use "Quiet plants" | Reduce the noise levels of plant items | Contractor | All construction sites where practicable | Construction stage | √ |
| S8.3.6 | N5 | Sequencing operation of construction plants where practicable. | Operate sequentially within the same work site to reduce the construction airborne noise | Contractor | Contractor All construction sites where practicable | Construction stage | N/A |
| S8.3.6 | N6 | Implement noise monitoring under EM&A programme. | Monitor the construction noise levels at the selected representative locations | Contractor's ET | Selected representative noise monitoring station | Construction stage | √ |
| - | Section 4.5.12 of Works Contract's ERR | Noise insulating fabric (the Fabric) would be installed for PME such as vibratory hammers, drill rigs and piling rigs. The Fabric should be lapped such that there would be no opening or gaps on the joints. | Reduce the noise levels of plant items | Contractor | All construction sites where practicable | Construction stage | N/A |
| **Water Quality** | | | | | | | |
| S10.7.1 | W1 | In accordance with the Practice Note for Professional Persons on Construction Site Drainage, Environmental Protection Department, 1994 (ProPECC PN1/94), construction phase mitigation measures shall include the following:<br><u>Construction Runoffs and Site Drainage</u><br>• At the start of the site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels (both temporary and permanent drainage pipes and culverts), earth bunds or sand bag barriers should be provided on site to direct stormwater to silt removal facilities. | To minimise water quality impact from construction site runoffs and general construction activities | Contractor | All construction sites where practicable | Construction stage | <> |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | The design of the temporary on-site drainage system will be undertaken by the Contractor prior to the commencement of construction.<br>• The dikes or embankments for flood protection should be implemented around the boundaries of earthwork areas. Temporary ditches should be provided to facilitate the runoff discharge into an appropriate watercourse, through a site/sediment trap. The sediment/silt traps should be incorporated in the permanent drainage channels to enhance deposition rates.<br>• The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94, which states that the retention time for silt/sand traps should be 5 minutes under maximum flow conditions. Sizes may vary depending upon the flow rate, but for a flow rate of 0.1 $m^3/s$, a sedimentation basin of $30m^3$ would be required and for a flow rate of 0.5 $m^3/s$ the basin would be 150 $m^3$. The detailed design of the sand/silt traps shall be undertaken by the Contractor prior to the commencement of construction.<br>• All exposed earth areas should be completed and vegetated as soon as possible after earthworks have been completed, and definitely, within 14 days of the cessation of earthworks where practicable. Exposed slope surfaces should be covered by tarpaulin or other means.<br>• The overall slope of the site should be kept to a minimum to reduce the erosive potential of surface water flows, and all traffic areas and access roads protected by coarse stone ballast. An additional advantage from the use of crushed stone is the positive traction | | | | | |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | gained during prolonged periods of inclement weather and the reduction of surface sheet flows.<br>• All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operations at all times and particularly following rainstorms. Deposited silts and grits should be removed regularly and disposed of by spreading them evenly over stable, vegetated areas.<br>• Measures should be taken to minimise the ingress of site drainage into excavations. If the excavation of trenches in wet periods is necessary, trenches should be dug and backfilled in short sections wherever practicable. Water pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities.<br>• Open stockpiles of construction materials (for example, aggregates, sand and fill material) of more than $50m^3$ 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.<br>• 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.<br>• Precautions should be taken at any time of year when rainstorms are likely. Actions to be taken when a rainstorm is imminent or forecasted, and actions to be taken during or | | | | | |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | after rainstorms are summarised in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silty surface runoffs during storm events, especially for areas located near steep slopes.<br>• All vehicles and plant should be cleaned before leaving a construction site to ensure that no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facilities should be provided at every construction site exit where practicable. 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.<br>• Oil interceptors should be provided in the drainage system downstream of any oil/fuel pollution sources. The oil interceptors should be emptied and cleaned regularly to prevent the release of oil and grease into the storm water drainage system after accidental spillage. A bypass should be provided for the oil interceptors to prevent flushing during heavy rain.<br>• Construction solid waste, debris and rubbish on site should be collected, handled and disposed of properly to avoid water quality impacts.<br>• All fuel tanks and storage areas should be provided with locks and sited in sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to | | | | | |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | prevent spilled fuel oils from reaching nearby water sensitive receivers.<br>• All the earth works should be conducted sequentially to limit the amount of construction runoffs generated from exposed areas during the wet season (April to September) as far as practicable.<br>• Adopt best management practices | | | | | |
| S10.7.1 | W2 | <u>Tunnelling Works</u><br>• Uncontaminated discharge should pass through sedimentation tanks prior to off-site discharge.<br>• The wastewater with a high concentration of suspended solids should be treated (e.g. by sedimentation tanks with sufficient retention time) before discharge. Oil interceptors would also be required to remove oil, lubricants and grease from the wastewater.<br>• Direct discharge of the bentonite slurry (as a result of D-wall and bored tunnelling construction) is not allowed. The slurry should be reconditioned and reused wherever practicable. Temporary storage locations (typically a properly closed warehouse) should be provided on site for any unused bentonite that needs to be transported away after all the related construction activities have been completed. The requirements in ProPECC PN 1/94 should be adhered to in the handling and disposal of bentonite slurries. | To minimize construction water quality impact from tunnelling works | Contractor | All tunnelling portion | Construction stage | N/A |
| S10.7.1 | W3 | <u>Sewage Effluent</u><br>Portable chemical toilets and sewage holding tanks are recommended for handling the construction sewage generated by the workforce. A licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for their | To minimize water quality from sewage effluent | Contractor | All construction sites where practicable | Construction stage | √ |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | appropriate disposal and maintenance. | | | | | |
| S10.7.1 | W4 | <u>Groundwater from Contaminated Area in case contamination is found:</u><br>• No direct discharge of groundwater from contaminated areas is allowed. Prior to the excavation works within potentially contaminated areas, the groundwater quality should be reviewed with reference to the site investigation data in the EIA report for compliance and the Technical Memorandum on Standards for Effluents Discharged into Drainage on Sewerage Systems, Inland and Coastal Waters (TM-Water). The existence of prohibited substance should be confirmed. The review results should be submitted to EPD for examination if the review results indicate that the groundwater to be generated from the excavation works would be contaminated. The contaminated groundwater should be either properly treated in compliance with the requirements of the TM-Water or properly recharged into the ground.<br>• If wastewater treatment is deployed, the wastewater treatment unit shall deploy suitable treatment process (e.g. oil interceptor / activated carbon) to reduce the pollution level to an acceptable standard and remove any prohibited substances (e.g. total petroleum hydrocarbon (TPH)) to undetectable range. All treated effluent from the wastewater treatment plant shall meet the requirements as stated in TM Water and should be discharged into the foul sewers.<br>• If groundwater recharging wells are deployed, recharging wells should be installed as appropriate for recharging the contaminated groundwater back into the ground. The | To minimize groundwater quality impact from contaminated area | Contractor | Excavation areas where contamination is found. | Construction stage | N/A |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | recharging wells should be selected at places where the groundwater quality will not be affected by the recharge operation as indicated in the Section 2.3 of TM-Water. The baseline groundwater quality shall be determined prior to the selection of the recharge wells. It is necessary to submit a working plan (including the laboratory analytical results showing the quality of groundwater at the proposed recharge location(s) as well as the pollutant levels of groundwater to be recharged) to EPD for agreement. Pollution levels of groundwater to be recharged shall not be higher than the pollutant levels of ambient groundwater at the recharge well. Prior to recharge, any prohibited substances such as TPH products should be removed as necessary by installing the petrol interceptor. The Contractor should apply for a discharge licence under the Water Pollution Control Ordinance (WPCO) through the Regional Office of EPD for groundwater recharge operation or discharge of treated groundwater. | | | | | |
| S10.7.1 | W7 | In order to prevent accidental spillage of chemicals, the following is recommended:<br>• All the tanks, containers, storage area should be bunded and the locations should be locked as far as possible from the sensitive watercourse and stormwater drains.<br>• The Contractor should register as a chemical waste producer if chemical wastes would be generated. Storage of chemical waste arising from the construction activities should be stored with suitable labels and warnings.<br>• Disposal of chemical wastes should be conducted in compliance with the requirements as stated in the Waste disposal | To minimize water quality impact from accidental spillage | Contractor | All construction sites where practicable | Construction stage | <> |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | (Chemical Waste) (General) Regulation. | | | | | |
| **Waste Management (Construction Waste)** | | | | | | | |
| S11.4.1.1 | WM1 | <u>On-site sorting of C&D (Construction and Demolition) material</u><br>• Geological assessment should be carried out by competent persons on site during excavation to identify materials which are not suitable to use as aggregate in structural concrete (e.g. volcanic rock, Aplite dyke rock, etc). Volcanic rock and Aplite dyke rock should be separated at the source sites as far as practicable and stored in the designated stockpile areas avoiding delivering them to crushing facilities. The crushing plant operator should also be reminded to set up measures to prevent unsuitable rock from being ended up at concrete batching plants and turned into concrete for structural use. Details regarding control measures at source sites and crushing facilities should be submitted by the Contractors for the Engineer to review and agree. In addition, site records should also be kept for the types of rock materials excavated. The traceability of delivery will be ensured via the implementation of Trip Ticket System and enforcement by site supervisory staff as stipulated under DEVB TC(W) No. 6/2010 for tracking of the correct delivery to the rock crushing facilities for processing into aggregates. Alternative disposal option for the reuse of volcanic rock and Aplite Dyke rock, etc should also be explored. | Separation of unsuitable rock from ending up at Concrete batching plants and be turned into concrete for structural use | Contractor | All construction sites | Construction stage | N/A |
| S11.5.1 | WM2 | <u>Construction and Demolition (C&D) Material</u><br>• Maintain temporary stockpiles and reuse excavated fill material for backfilling and reinstatement; | Good site practice to minimize waste generation and recycle C&D materials as far as | Contractor | All construction sites | Construction stage | N/A |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | • Carry out on-site sorting;<br>• Make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate;<br>• Adopt 'Selective Demolition' technique to demolish the existing structures and facilities with a view to recovering broken concrete effectively for recycling purpose, where possible;<br>• Implement a trip-ticket system for each works contract to ensure that the disposal of C&D materials are properly documented and verified;<br>• Implement an enhanced Waste management Plan similar to ETWBTC (Works) No. 19/2005 – "Environmental Management on Construction Sites" to encourage on-site sorting of C&D materials and minimize waste generation during the course of construction.<br>• Disposal of the C&D materials to any sensitive locations such as agricultural lands, etc. should be avoided. The Contractor shall propose the final disposal sites to the Project Proponent and get his approval before implementation | practicable so as to reduce the amount for final disposal | | | | |
| S11.5.1 | WM3 | <u>C&D Waste</u><br>• Standard formwork or pre-fabrication should be used as far as practicable in order to minimise the arising of C&D materials. The use of more durable formwork or plastic facing for the construction works should be considered. Use of wooden hoardings should not be used. Metal hoarding should be used to enhance the possibility of recycling. The purchase of construction materials will be carefully planned in order to avoid over ordering and wastage. | Good site practice to minimize waste generation and recycle C&D materials as far as practicable so as to reduce the amount for final disposal | Contractor | All construction sites | Construction stage | N/A |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | • The Contractor should recycle as much of the C&D materials as possible on-site. Public fill and C&D waste should be segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal. Where practicable, concrete and masonry can be crushed and used as fill. Steel reinforcement bar can be used by scrap steel mills. Different areas of the sites should be considered for such segregation and storage. | | | | | |
| S11.5.1 | WM4 | <u>General Refuse</u><br>• General refuse generated on-site should be stored in enclosed bins or compaction units separately from construction and chemical wastes.<br>• A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimize odour, pest and litter impacts. Burning of refuse on construction sites is prohibited by law.<br>• Aluminium cans are often recovered from the waste stream by individual collectors if they are segregated and made easily accessible. Separate labelled bins for their deposit should be provided if feasible.<br>• Office wastes can be reduced through the recycling of paper if volumes are large enough to warrant collection. Participation in a local collection scheme should be considered by the Contractor. | Minimize the production of general refuse and minimise odour, pest and litter impacts | Contractor | All construction sites | Construction stage | <> |
| S11.5.1 | WM7 | <u>Chemical Waste</u><br>• Chemical waste as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, that is produced should | Control the chemical waste and ensure proper storage, handling and disposal. | Contractor | All construction sites | Construction stage | N/A |

| EIA Ref. | EM&A Log Ref* / ERR Ref | Recommended Mitigation Measures | Objectives of the Recommended Measures & Main Concerns to address | Who to implement the measures? | Location of the implementation of measures | When to implement the measures? | Implementation Status |
|---|---|---|---|---|---|---|---|
| | | be handled in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.<br>• Containers used for the storage of chemical wastes should be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed. They should have a capacity of less than 450 litres unless the specification has been approved by the EPD. A label in English and Chinese should be displayed in accordance with instructions prescribed in Schedule 2 of the regulation.<br>• The storage area for chemical wastes should be clearly labelled and used solely for the storage of chemical waste; enclosed on at least 3 sides. It should also have an impermeable floor and bunding of sufficient capacity to accommodate 110% of the volume of the largest container or 20 % of the total volume of waste stored in that area, whichever is the greatest. It should have adequate ventilation and be covered to prevent rainfall entering; and arranged so that incompatible materials are adequately separated.<br>• Disposal of chemical waste should be via a licensed waste collector; to a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Centre (which also offers a chemical waste collection service and can supply the necessary storage containers); or to a reuser of the waste, under the approval from the EPD. | | | | | |

# APPENDIX I REGULAR NOISE MONITORING RESULTS

## Appendix I - Regular Noise Monitoring Results

Station NMS-CA-7 Skytower Tower 2

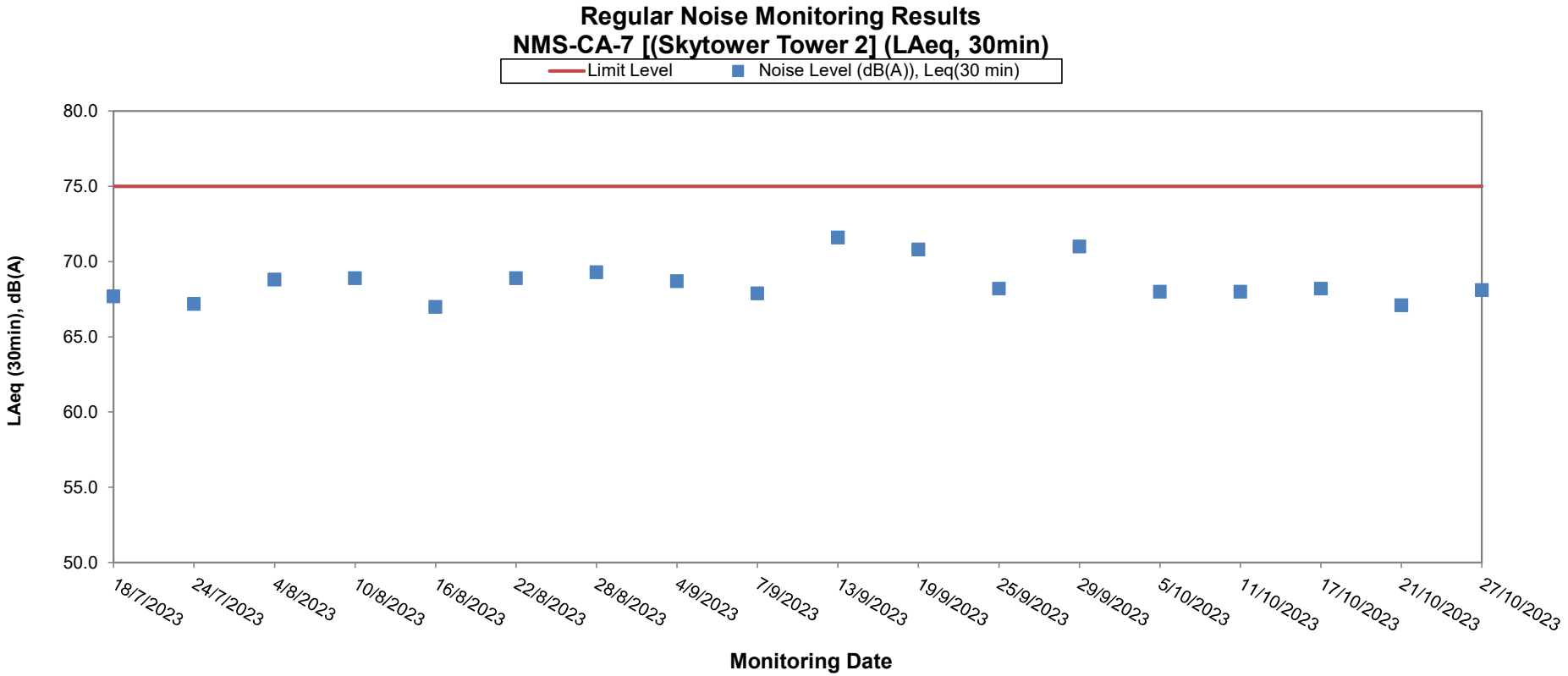
| Date | Start Time | End Time | Weather | Measured Noise level (dB(A)), $L_{Aeq}$(30 min) | Baseline (dB(A)), $L_{Aeq}$(30 min) | Corrected LAeq(dBA) [(a)] | Major Construction Noise Source(s) Observed | Other Noise Source(s) Observed | Temp. (°C) | Wind Speed (m/s) | Noise Meter Model / ID | Calibrator Model / ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5-Oct-23 | 8:36 | 9:06 | Sunny | 68.0 | 70.0 | -(b) | - | Traffic noise | 29.8 | 0.5 | NL-52 00643049 | CAL200 15678 |
| 11-Oct-23 | 8:21 | 8:51 | Fine | 68.0 | 70.0 | -(b) | - | Traffic noise | 24.3 | 0.5 | NL-52 00643049 | CAL200 15678 |
| 17-Oct-23 | 8:28 | 8:58 | Fine | 68.2 | 70.0 | -(b) | - | Traffic noise | 24.6 | 0.5 | NL-52 00643049 | CAL200 15678 |
| 21-Oct-23 | 8:23 | 8:53 | Cloudy | 67.1 | 70.0 | -(b) | - | Traffic noise | 26 | 0.5 | NL-52 00643049 | CAL200 15678 |
| 27-Oct-23 | 8:17 | 8:47 | Sunny | 68.1 | 70.0 | -(b) | - | Traffic noise | 27.5 | 0.5 | NL-52 00643049 | CAL200 15678 |

Remarks:

(a) The Measured LAeq is corrected against the corresponding Baseline Level.

(b) No correction was made as the measured noise levels were equal to or below the baseline noise levels.

## Appendix I - Regular Noise Monitoring Results




Remark:
- The presented noise level has been corrected, if the measured noise level is higher than the baseline noise level.

# APPENDIX J REGULAR DUST MONITORING RESULTS

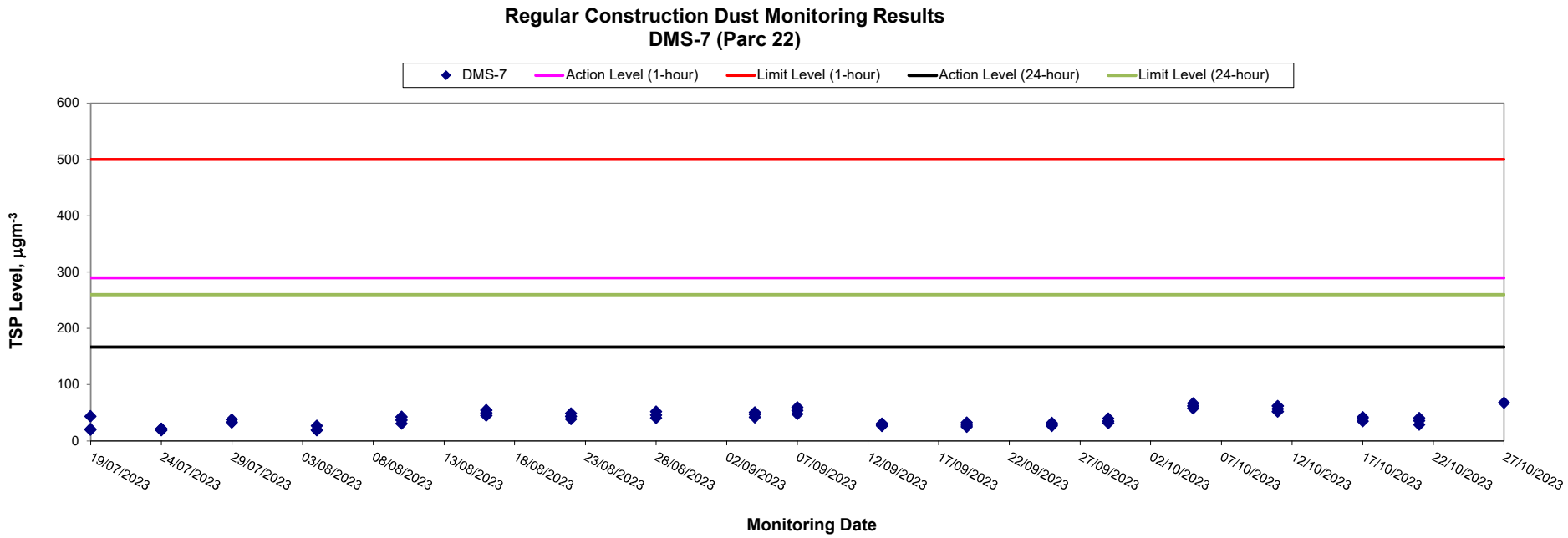
## Appendix J - Construction Dust Monitoring Results

Station DMS-7 Parc 22

| Start | | Finish | | Weather | Sampling Time | Measurement | | | Action Level | Limit Level | Observations / Remarks | Dust Meter Model / ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Time | Date | Time | | (hrs) | 1st Hour | 2nd Hour | 3rd Hour | (µg/m3) | (µg/m3) | | |
| 5-Oct-23 | 8:18 | 5-Oct-23 | 11:18 | Cloudy | 3.00 | 58 | 62 | 67 | 289.7 | 500 | - | Sibata 326285 |
| 11-Oct-23 | 8:10 | 11-Oct-23 | 11:10 | Cloudy | 3.00 | 52 | 57 | 62 | 289.7 | 500 | - | Sibata 326285 |
| 17-Oct-23 | 8:18 | 17-Oct-23 | 11:18 | Cloudy | 3.00 | 40 | 35 | 42 | 289.7 | 500 | - | Sibata 326285 |
| 21-Oct-23 | 8:13 | 21-Oct-23 | 11:13 | Cloudy | 3.00 | 41 | 29 | 36 | 289.7 | 500 | - | Sibata 326285 |

| Start | | Finish | | Weather | Sampling Time | Measurement | Action Level | Limit Level | Observations / Remarks | Dust Meter Model / ID |
|---|---|---|---|---|---|---|---|---|---|---|
| Date | Time | Date | Time | | (hrs) | | (µg/m3) | (µg/m3) | | |
| 27-Oct-23 | 15:01 | 28-Oct-23 | 15:01 | Cloudy | 24.00 | 68 | 166.7 | 260 | Construction, work in progress | Tisch Environmental 3958 |

## Appendix J - Construction Dust Monitoring Results

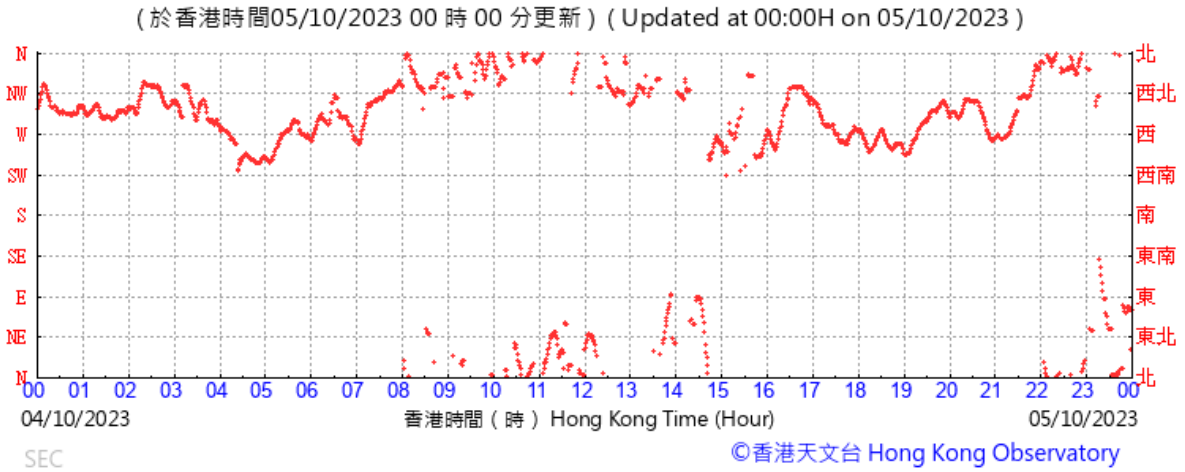



* 1-hour TSP Level was recorded during 19 July 2023 to 22 Oct 2023. The measurement has been updated to 24-hour TSP Level starting from 27 Oct 2023.

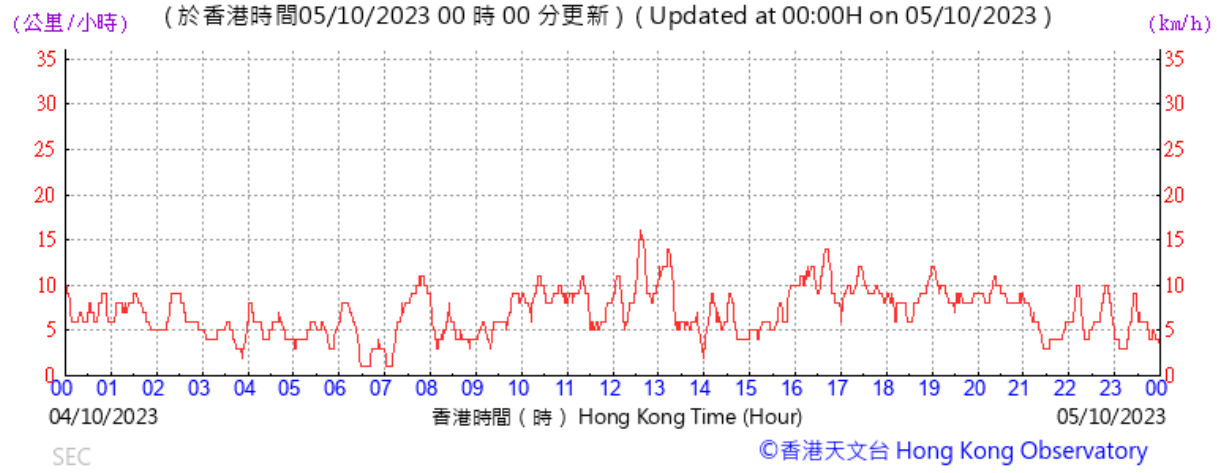
# APPENDIX K WIND DATA FROM HONG KONG OBSERVATORY

***Appendix K – Wind data obtained from the Kai Tak meteorological station from the Hong Kong Observatory***

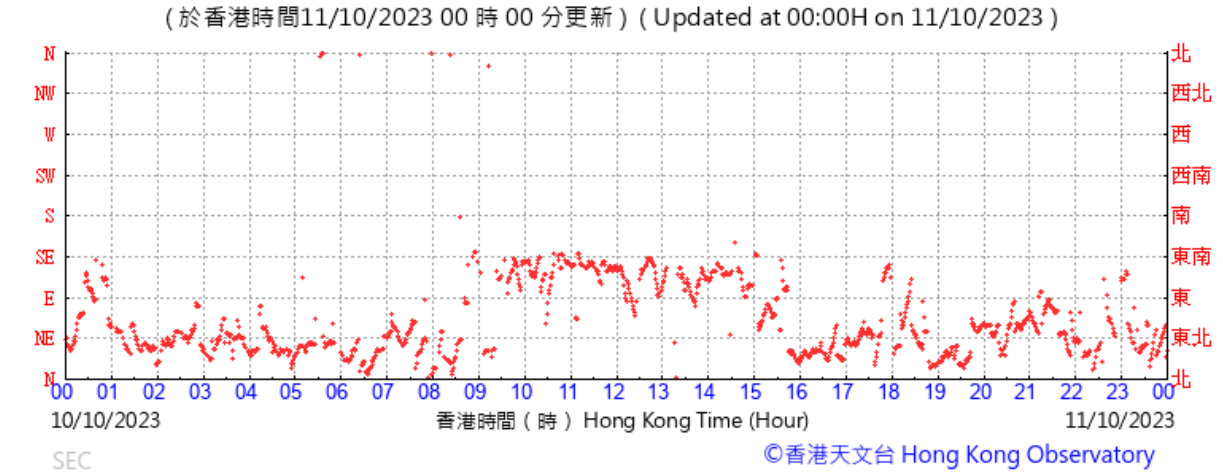
Wind Direction:



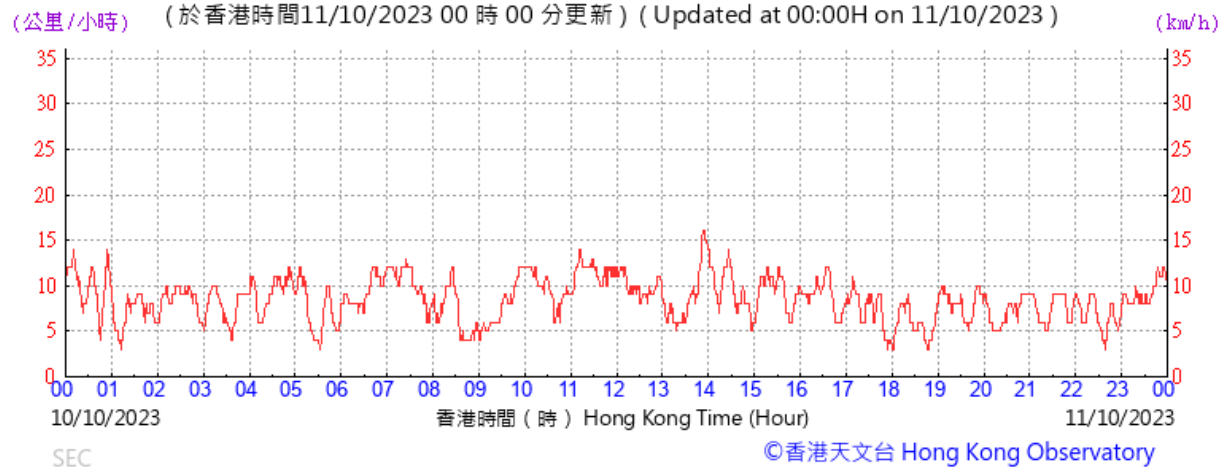

Wind Speed:



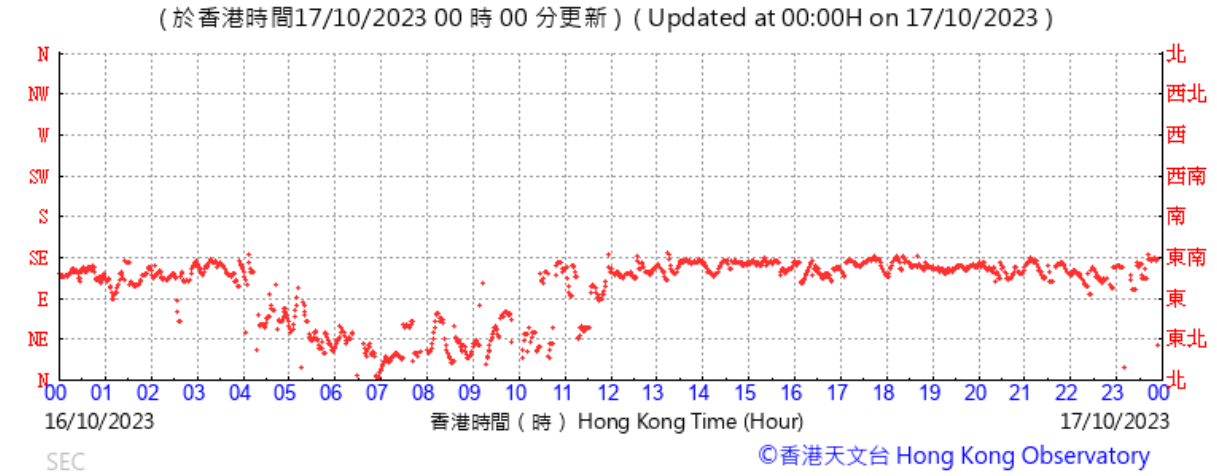
Wind Direction:



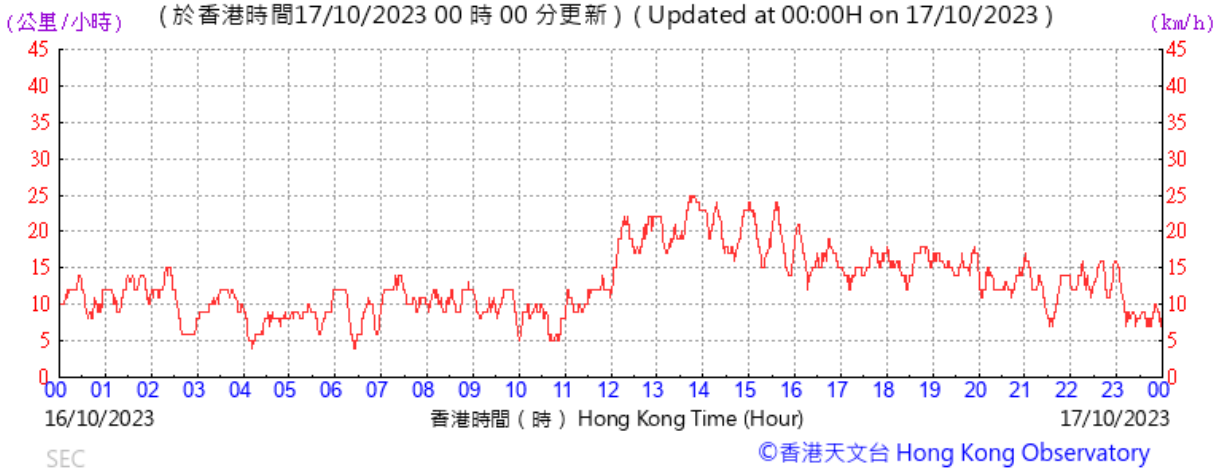

Wind Speed:



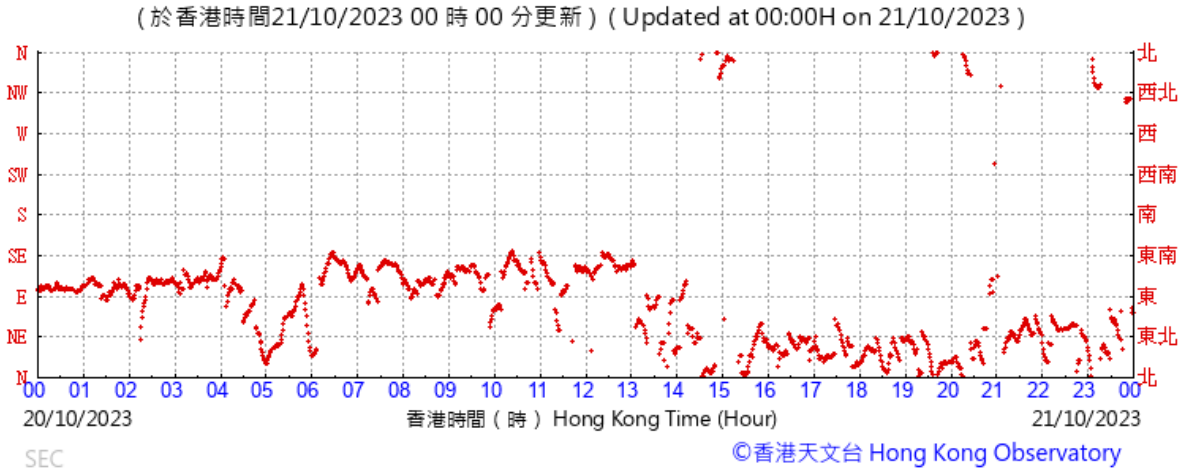
Wind Direction:



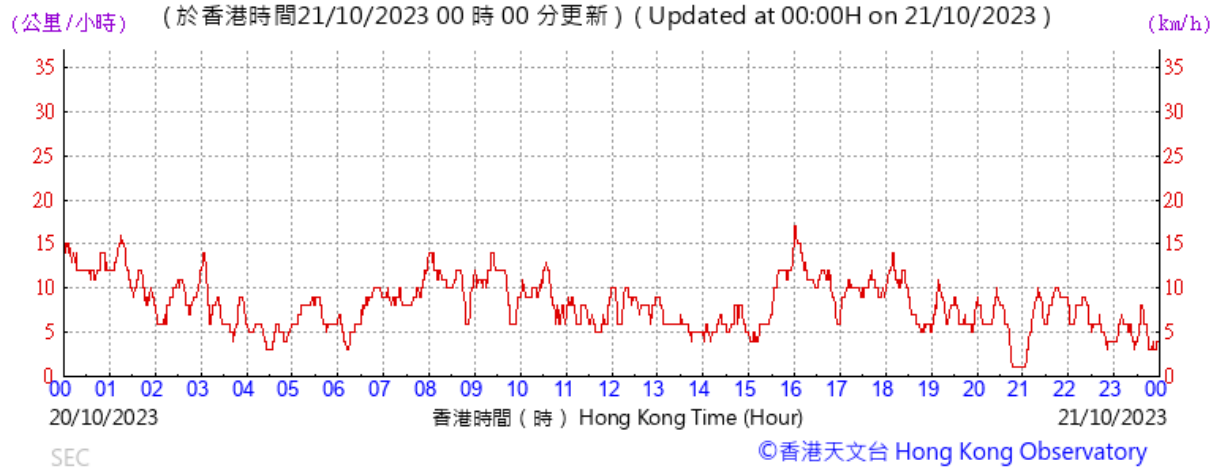

Wind Speed:



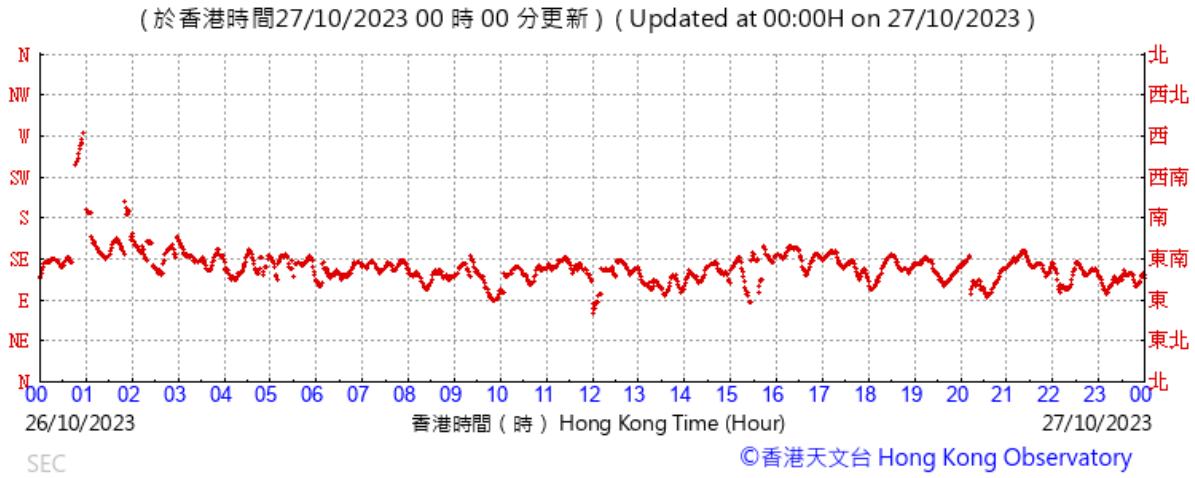
Wind Direction:



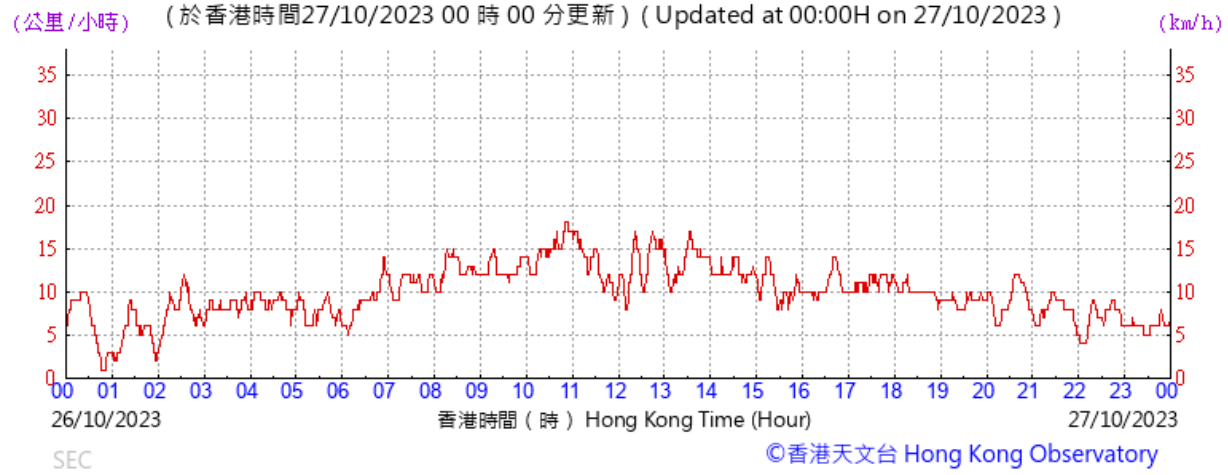

Wind Speed:



Wind Direction:




Wind Speed:



# APPENDIX L WASTE FLOW TABLE

CONTRACT 11286 –
PEDESTRIAN LINK CONNECTING PAK TAI STREET AND SUNG WONG TOI STATION

| Month | Actual Quantities of Inert C&D Material Generated | | | | | | Actual Quantities of Non-Inert C&D Material Generated | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total Quantity Generated** | **Hard Rock and Large Broken Concrete** | **Reused in the Contract** | **Reused in other Projects** | **Disposed as Public Fill** | **Imported Fill** | **Metal (Note 1)** | **Paper / carboard packing (Note 1)** | **Plastic (Note 1,2)** | **Chemical Waste** | **Other, e.g. general refuse** |
| | **(in '000 $m^3$)** | **(in '000 $m^3$)** | **(in '000 $m^3$)** | **(in '000 $m^3$)** | **(in '000$m^3$)** | **(in '000$m^3$)** | **(in '000 kg)** | **(in '000 kg)** | **(in '000 kg)** | **(in '000 kg)** | **(in '000kg)** |
| Jan | / | / | / | / | / | / | / | / | / | / | / |
| Feb | / | / | / | / | / | / | / | / | / | / | / |
| Mar | / | / | / | / | / | / | / | / | / | / | / |
| Apr | / | / | / | / | / | / | / | / | / | / | / |
| May | / | / | / | / | / | / | / | / | / | / | / |
| Jun | / | / | / | / | / | / | / | / | / | / | / |
| Jul | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug | 0.12 | 0 | 0 | 0 | 0.12 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep | 0.28 | 0 | 0 | 0 | 0.28 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct | 0.1 | 0 | 0 | 0 | 0.1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov | | | | | | | | | | | |
| Dec | | | | | | | | | | | |
| Grand Total | 0.5 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 |

| Year | Actual Quantities of Inert C&D Material Generated | | | | | | Actual Quantities of Non-Inert C&D Material Generated | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Total Quantity Generated** | **Hard Rock and Large Broken Concrete** | **Reused in the Contract** | **Reused in other Projects** | **Disposed as Public Fill** | **Imported Fill** | **Metal (Note 1)** | **Paper / carboard packing (Note 1)** | **Plastic (Note 1,2)** | **Chemical Waste** | **Other, e.g. general refuse** |
| | **(in '000 $m^3$)** | **(in '000 $m^3$)** | **(in '000 $m^3$)** | **(in '000 $m^3$)** | **(in '000$m^3$)** | **(in '000$m^3$)** | **(in '000 kg)** | **(in '000 kg)** | **(in '000 kg)** | **(in '000 kg)** | **(in '000kg)** |
| 2023 | 0.5 | 0 | 0 | 0 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2024 | | | | | | | | | | | |
| 2025 | | | | | | | | | | | |
| 2026 | | | | | | | | | | | |

Note: (1) Metal, paper & platic were collected by recycler
(2) Plastic refer to plastic bottles / containers, plastic sheets / foam from packaging
(3) Use the conversion factor, density of general refues (0.75 tonne / m3), soft inert C&D materials (2 tonnes/m3) and hard rocks / big boulders (2.5 tonne/m3).
Also, 1 full load of dumping truck being equivalent to 6.5 m3 by volume
(4) 1 tonne = 1000 kg

# APPENDIX M ENVIRONMENTAL COMPLAINT, ENVIRONMENTAL SUMMON AND PROSECUTION LOG

## *Appendix M Environmental Complaint, Environmental Summon and Prosecution Log*

| Reporting Period | Number of Complaints in Reporting Period | Number of Summons/Prosecutions in Reporting Period |
|---|---|---|
| 15 – 30 July 2023 | 0 | 0 |
| August 2023 | 0 | 0 |
| September 2023 | 1 | 0 |
| October 2023 | 0 | 0 |
| Overall Total | 1 | 0 |

**Investigation Report of Environmental Complaint**

Ref. No.: 22675-23

| | |
|---|---|
| Project | SCL 11286 |
| Source of Complaint | Referred from Environmental Protection Department (EPD)<br>Ref.: K19/RE/00022675-23 |
| Date of Notification | 29 September 2023 |
| Description of the Complaint | A complaint was received by the Contractor from EPD on 22 September 2023, regarding discharge of polluted water into roadside gully on Sung Wong Toi Road. |
| Complaint Investigation and Findings | 1. Site record on 22 September 2023 was investigated. As reported by the Contractor, the major construction activities on 22 September 2023 included pre-drill works at Area W1 near Sung Wong Toi Exit D.<br>2. Regular site inspections by MTR, Contractor and ET were conducted on 21 September 2023 and 28 September 2023. No observation or reminder regarding wastewater discharge at Area W1 near Sung Wong Toi Exit D were made.<br>3. Complaint investigation was carried out by the Contractor on 29 September 2023. A separate site investigation, which was conducted on 5 October 2023 with ET according to the EM&A Manual. The results of investigation were summarized as following:<br>i. Wastewater from the pre-drill works was reused within the site. The wastewater recycling system was observed to be functioning normally with no leakage of wastewater.<br>ii. No discharge was observed at the hoarding or the gate of Area W1 near Sung Wong Toi Road. The Contractor has also applied for the wastewater discharge license under the requirement of WPCO. |
| Recommendations/ Mitigation Measures | 1. A wastewater treatment plant with larger capacity will be set up by the Contractor as a measure to increase the wastewater treatment capacity so as to handle the potential increase of wastewater generation from future works.<br>2. The Contractor is also recommended to constantly review the implementation of existing mitigation measures, to prevent the leakage of surface runoff offsite and wastewater discharge to the roadside gully/drains. Mitigation |

| | |
|---|---|
| | measures include:<br>i. Earth bunds or sand bag barriers should be provided on site to direct stormwater to silt removal facilities;<br>ii. Manholes should be adequately covered and temporarily sealed; and<br>iii. Precautions such as manholes being covered and temporarily sealed to prevent silt, construction materials or debris being washed into the drainage system should be taken at any time of year when rainstorms are likely or during rainstorm events.<br>3. The effectiveness of the implementation of the abovementioned measures/recommendations will be inspected during the regular site inspections by MTR, Contractor and ET. |
| Remarks | -- |

Prepared by: Mandy To, 11286 ET Leader
Date: 5 October 2023

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