

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. 108

[Period from 1 to 29 February 2024]

(March 2024)



Verified by: Claudine LEE

Position: Independent Environmental Checker

Date: 13 March 2024

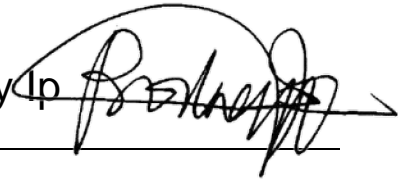
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Certified by	:	Rodney Ip 
Position	:	Environmental Team Leader
Date	:	13 March 2024

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Table of Contents

	Page
1 INTRODUCTION	2
1.1 Background	2
1.2 Project Programme.....	2
1.3 Purpose of the Report.....	4
2 ENVIRONMENTAL MONITORING AND AUDIT	4
3 IMPLEMENTATION STATUS ON THE ENVIRONMENTAL PROTECTION REQUIREMENTS	10

List of Tables

Table 1.1	Summary of Awarded Works Contracts
Table 2.1	Summary of Works Contracts and Respective EPs
Table 2.2	Summary of Major Construction Activities in the Reporting Period
Table 2.3	Summary of TSP Monitoring Results in the Reporting Period
Table 2.4	Summary of Construction Noise Monitoring Results in the Reporting Period
Table 2.5	Log for Environmental Complaints, Notification of Summons and Successful Prosecutions for the Reporting Month
Table 3.1	Summary of Status of Required Submissions for EP-437/2012/A
Table 3.2	Summary of Status of Required Submissions for EP-438/2012/K

List of Appendices

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
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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, EP-437/2012/A and EP-437/2012/B) were issued by Director of Environmental Protection (DEP) on 4 October 2016, 28 November 2017 and 8 February 2024, 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 the provision of recreational facilities at Ma Chai Hang and outstanding works of access in Sung Wong Toi area for a pedestrian link connecting Sung Wong Toi Station to Pak Tai Street, would be carried out in the later stage and undertaken by other works contracts in 2023 -2024 resulting the liaison with Railway Development Office (RDO), relevant government departments and stakeholders. Apart from the above, the remaining tree planting works at Kai Tak Station Square (Phase 2) was completed.

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 that were carried out at a later stage in 2023 were completed.

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 and eighth EM&A Report for the Project which summarises the EM&A works undertaken during the period from 1 to 29 February 2024.

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 remaining tree planting works at Kai Tak Station Square (Phase 2) were started in November 2023. Landscape inspection of the implementation of landscape and visual mitigation measures were conducted at Kai Tak during the reporting month on 29 Nov 2023. 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) <ul style="list-style-type: none"> • Pipe pile • Bored pile • Socket H pile • Foul drain diversion Near Pak Tai Street (H2) <ul style="list-style-type: none"> • ELS works • 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 No environmental complaint, no exceedance of limit level, notification of summons or successful prosecutions was received during this reporting period. Log for environmental complaints, notification of summons and successful prosecutions are provided in **Table 2.5**.
- 2.1.6 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 ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)	Exceedance due to the Project Construction (Yes/ No/ N/A)
Works Contracts 1102 and 1103					
DMS-1 ⁽¹⁰⁾	C.U.H.K.A.A. Thomas Cheung School	N/A	148.7	260	N/A
Works Contract 1103					
DMS-2 ⁽¹¹⁾	Price Memorial Catholic Primary School	N/A	167.4	260	N/A
Works Contracts 1103 and 1106					
DMS-3 ⁽¹²⁾	Hong Kong S.K.H Nursing Home ⁽¹⁾	N/A	159.1	260	N/A
Works Contract 1106⁽⁹⁾					
DMS-4 ⁽¹²⁾	Block 1, Rhythm Garden	N/A	160.4	260	N/A
Works Contract 1108⁽⁴⁾					
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 ⁽³⁾⁽⁸⁾	N/A	160.9	260	N/A
DMS-10	Chat Ma Mansion	N/A	170.4	260	N/A
Works Contract 1111					
AM1 ⁽⁵⁾⁽¹³⁾	No. 234 – 238 Chatham Road North ⁽⁶⁾	N/A	183.9	260	N/A
Works Contract 1112					
AM2	Site Boundary of Finger Pier Adjacent To Harbourfront Horizon ⁽⁷⁾	N/A	182	260	N/A
Works Contract 11240⁽⁴⁾					
Works Contract 11286					
DMS-7 ⁽¹⁴⁾	Skytower Tower 2	29-65	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 Lucky Building
- (4) No TSP monitoring is required under this contract
- (5) AM1 named as HUH-1-3 in SCL(TAW-HUH) and SCL(HHS) EIA Reports.
- (6) Alternative monitoring location to Wing Fung Building
- (7) Alternative monitoring location to Harbourfront Horizon
- (8) Alternative monitoring location of No. 26 Kowloon City Road
- (9) The 24-hour TSP monitoring works would be taken up by Works Contract 1106 since the completion of Works Contract 1107 in Feb 2018.
- (10) The cessation of monitoring works at DMS-1 was approved by EPD and the last monitoring was conducted on 16 Jul 2018.
- (11) 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.
- (12) 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.
- (13) The cessation of monitoring works at AM1 was proposed on 25 Jul 2019 and EPD expressed no objection on 31 Jul 2019.

- (14) 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 been conducted at Sky Tower Tower 2 (podium level) since 27 October 2023.

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	65-68.7	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	0	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 (1 st submission) 30 Apr 2013 (2 nd 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 (1 st submission) 8 Feb 2013 (Approved) 26 Apr 2013 (2 nd submission) 11 Jun 2013 (3 rd submission) 27 Aug 2013 (Approved) 20 Jan 2014 (4 th submission) 28 Apr 2016 (Approved)
Condition 2.8	Continuous Noise Monitoring Plan (CNMP)	30 Nov 2012 (1 st submission) 11 Jan 2013 (2 nd submission) 8 Feb 2013 (Approved) 20 Jan 2014 (3 rd submission) 28 Apr 2016 (Approved)
Condition 2.9	Construction and Demolition Materials Management Plan (C&DMMP)	6 Jul 2012 (1 st submission) 12 Sep 2012 (2 nd submission) 15 Oct 2012 (Approved)
Condition 2.10	Sediment Management Plan	6 Jul 2012 (1 st submission) 12 Sep 2012 (2 nd submission) 5 Oct 2012 (3 rd submission) 15 Oct 2012 (Approved)
Condition 2.11	Visual, Landscape, Tree Planting & Tree Protection Plan (VLTP)	14 Nov 2012 (1 st submission) 8 Feb 2013 (2 nd submission) 4 Feb 2015 (3 rd submission) 26 Jun 2015 (4 th submission) 12 May 2017 (5 th submission) 17 Apr 2018 (6 th submission) 17 Apr 2019 (7 th submission) 9 Apr 2020 (8 th submission)
Condition 2.16	Operational Ground-borne Noise Mitigation Measures Plan	23 Mar 2017 (1 st submission) 17 May 2017 (2 nd submission) 28 Jun 2017 (3 rd submission) 20 Jul 2017 (Approved)
Condition 2.19	As-built drawing(s) for Operation Air-borne Noise Mitigation Measure	10 Jan 2018 (1 st submission) 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) 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) 11 Oct 2019 (Approved)
Condition 3.1	Proposal for Cessation of EM&A Programme at Hung Hom North Approach Tunnels	25 Jul 2019 (1 st submission) 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) 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. 5-99	Reported in previous Monthly EM&A Reports
Condition 3.4	Final EM&A Review Report	15 Jan 2024

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 (1 st submission) 31 Aug 2012 (2 nd submission) 30 Nov 2012 (3 rd submission)
Condition 2.7	Management Organisation of Main Construction Companies	27 Jul 2012 (1 st submission) 21 Aug 2012 (2 nd submission) 19 Dec 2012 (3 rd submission) 22 Jan 2013 (4 th submission) 30 Apr 2013 (5 th submission) 21 May 2013 (6 th 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 (1 st submission) 28 Sep 2012 (2 nd submission) 30 Nov 2012 (3 rd submission) 11 Jan 2013 (4 th submission) 8 Feb 2013 (Approved) 8 Feb 2013 (5 th submission) 26 Apr 2013 (6 th submission) 11 Jun 2013 (7 th submission) 12 Jul 2013 (Approved) 26 Jul 2013 (8 th submission) 22 Aug 2013 (Approved) 23 Aug 2013 (9 th submission) 13 Sep 2013 (Approved) 20 Jan 2014 (10 th submission) 26 Feb 2014 (Approved) 31 Mar 2015 (Contract 1106 submission only) 13 Apr 2015 (Contract 1106 submission only) 15 Apr 2015 (Approved)
Condition 2.10	Continuous Noise Monitoring Plan (CNMP)	1 Aug 2012 (1 st submission) 28 Sep 2012 (2 nd submission) 30 Nov 2012 (3 rd submission) 11 Jan 2013 (4 th submission) 8 Feb 2013 (Approved) 8 Feb 2013 (5 th submission)

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

EP Condition (EP-438/2012/K)	Submission	Submission date
		1 Jun 2016 (Batch 1 Version C submission) 1 Jun 2016 (Batch 2 Version B submission) 23 Jun 2016 (Batch 1 Version D submission) 23 Jun 2016 (Batch 2 Version C submission) 15 Jul 2016 (Batch 1 Version D approved) 15 Jul 2016 (Batch 2 Version C approved) 15 Sep 2016 (Batch 3 Version A submission) 4 Oct 2016 (Batch 3 Version A approved) 8 Mar 2017 (Batch 4 Version A) 7 Apr 2017 (Batch 4 Version A approved) 7 Jun 2017 (Final) 20 Jul 2017 (Approved)
Condition 2.28	As-built Drawings for Operational Ground-borne Noise Mitigation Measures	10 Aug 2017 (1 st submission) 15 Sep 2017 (Approved)
Condition 2.30	As-built Drawings for Operational Air-borne Noise Mitigation Measures	4 Dec 2015 (1 st submission) 28 Dec 2015 (2 nd submission) 4 Feb 2016 (Approved) 20 Mar 2018 (3 rd submission) 18 Jul 2018 (Approved) 4 May 2018 (4 th submission) 23 Jul 2018 (Approved) 20 Feb 2020 (5 th submission) 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) 30 Jan 2019 (Batch 2 Version A submission) 29 Mar 2019 (Batch 1 Version A & Batch 2 Version B submission) 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) 27 Feb 2019 (Batch 1 Version B submission) 13 Mar 2019 (Batch 1 Version B approved) 15 Mar 2019 (Batch 2 Version A submission) 8 Apr 2019 (Batch 2 Version A approved) 24 April 2019 (Batch 3 & 4 Version A submission) 21 May 2019 (Batch 3 Version B submission) 11 Jun 2019 (Batch 3 Version B & Batch 4 Version A approved) 21 Jun 2019 (Batch 5 Version A submission) 17 Jul 2019 (Batch 5 Version A approved) 19 Jul 2019 (Batch 6 Version A submission) 26 Jul 2019 (Batch 7 Version A submission)

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

EP Condition (EP-438/2012/K)	Submission	Submission date
Condition 3.1	Proposal for Cessation of EM&A Programme at Hung Hom North Approach Tunnels	25 Jul 2019 (1 st submission) 31 Jul 2019 (Approved)
Condition 3.1	Proposal for Cessation of EM&A Programme at Stations and Tunnels of Kowloon City Section	24 Aug 2020 (1 st submission) 28 Aug 2020 (Approved)
Condition 3.1	Proposal for Cessation of EM&A Programme at Hung Hom Station and Stabling Sidings	21 Oct 2020 (1 st submission) 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. 1-106	Reported in previous Monthly EM&A Reports
	Monthly EM&A Report No. 107	14 February 2024
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 29 February 2024]

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

(14 March 2024)

Certified by: Mandy To. Mandy To

Position: Environmental Team Leader

Date: 14 March 2024



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.8 (1 February 2024 – 29 February
2024)

PREPARED FOR



保華建業
Paul Y. Engineering

Paul Y Construction Company Limited

DATE

14 March 2024

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0699635



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Monthly Environmental Monitoring and Audit Report No.8 (1
February 2024 – 29 February 2024)
0699635



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CONTENTS

1.	EXECUTIVE SUMMARY	1
2.	INTRODUCTION	3
2.1	PURPOSE OF THE REPORT	3
2.2	STRUCTURE OF THE REPORT	3
3	PROJECT INFORMATION	4
3.1	BACKGROUND	4
3.2	GENERAL SITE DESCRIPTION	4
3.3	CONSTRUCTION PROGRAMME AND ACTIVITIES	4
3.4	WORKS CONTRACT ORGANIZATION	5
3.5	STATUS OF ENVIRONMENTAL LICENCES, NOTIFICATION AND PERMITS	5
4	ENVIRONMENTAL MONITORING REQUIREMENT	6
4.1	REGUALR CONSTRUCTION NOISE MONITORING	6
	4.1.1 <i>monitoring location</i>	6
	4.1.2 <i>monitoring parameter and frequency</i>	6
	4.1.3 <i>monitoring equipment and methodology</i>	6
	4.1.4 <i>Action and limit levels</i>	7
4.2	CONSTRUCTION DUST MONITORING	7
	4.2.1 <i>monitoring location</i>	7
	Monitoring Station	7
	Description	7
	4.2.2 <i>monitoring parameter and frequency</i>	8
	4.2.3 <i>Monitoring Equipment</i>	8
	4.2.4 <i>monitoring methodology</i>	8
	4.2.5 <i>Wind data monitoring</i>	9
	4.2.6 <i>Action and limit levels</i>	9
4.3	CULTURAL HERITAGE	10
4.4	LANDSCAPE AND VISUAL MITIGATION MEASURES	10
5	IMPLEMENTATION STATUS OF THE ENVIRONMENTAL PROTECTION REQUIREMENTS	11
6	MONITORING RESULTS	12
6.1	REGULAR CONSTRUCTION NOISE MONITORING	12
6.2	CONSTRUCTION DUST MONITORING	12
6.3	CULTURAL HERITAGE	12
6.4	WASTE MANAGEMENT	12
6.5	LANDSCAPE AND VISUAL MITIGATION MEASURES	14
7	ENVIRONMENTAL SITE INSPECTION	15
8	ENVIRONMENTAL NON-COMPLIANCE	17

8.1	SUMMARY OF MONITORING EXCEEDANCE	17
8.2	SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE	17
8.3	SUMMARY OF ENVIRONMENTAL COMPLIANT	17
8.4	SUMMARY OF ENVIRONMENTAL SUMMONS AND SUCCESSFUL PROSECUTION	17
9	UPCOMING WORKS FOR THE NEXT REPORTING PERIOD	18
9.1	CONSTRUCTION ACTIVITIES FOR THE COMING MONTH	18
9.2	MONITORING SCHEDULE FOR THE NEXT MONTH	18
9.3	CONSTRUCTION PROGRAMME FOR THE NEXT MONTH	18
10	CONCLUSIONS	19

APPENDIX A SITE LAYOUT PLAN FOR THE WORKS CONTRACT

APPENDIX B CONSTRUCTION PROGRAMME FOR THE REPORTING MONTH AND COMING MONTHS

APPENDIX C PROJECT ORGANIZATION CHART AND CONTACT DETAILS

APPENDIX D LOCATIONS OF NOISE AND DUST MONITORING STATION

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

APPENDIX F CALIBRATION REPORTS

APPENDIX G SUMMARY OF EVENT/ACTION PLANS

APPENDIX H SUMMARY OF IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION

APPENDIX I REGULAR NOISE MONITORING RESULTS

APPENDIX J REGULAR DUST MONITORING RESULTS

APPENDIX K WIND DATA FROM HONG KONG OBSERVATORY

APPENDIX L WASTE FLOW TABLE

APPENDIX M ENVIRONMENTAL COMPLAINT, ENVIRONMENTAL SUMMON AND PROSECUTION LOG

LIST OF TABLES

TABLE 3.1	SUMMARY OF THE CONSTRUCTION ACTIVITIES UNDERTAKEN DURING THE REPORTING PERIOD	4
TABLE 3.2	SUMMARY OF THE STATUS OF VALID ENVIRONMENTAL LICENCE, NOTIFICATION, PERMIT AND DOCUMENTATIONS	5
TABLE 4.1	REGULAR CONSTRUCTION NOISE MONITORING LOCATION	6
TABLE 4.2	NOISE MONITORING EQUIPMENT	7
TABLE 4.3	ACTION AND LIMIT LEVELS FOR CONSTRUCTION NOISE MONITORING	7
TABLE 4.4	CONSTRUCTION DUST MONITORING LOCATION	7
TABLE 4.5	CONSTRUCTION DUST MONITORING EQUIPMENT	8
TABLE 4.6	ACTION AND LIMIT LEVELS FOR CONSTRUCTION DUST MONITORING	9

TABLE 5.1	STATUS OF REQUIRED SUBMISSION UNDER THE WORKS CONTRACT DURING THE REPORTING PERIOD	11
TABLE 6.1	SUMMARY OF THE CONSTRUCTION NOISE MONITORING RESULTS DURING THE REPORTING PERIOD	12
TABLE 6.2	SUMMARY OF THE CONSTRUCTION DUST MONITORING RESULTS DURING THE REPORTING PERIOD	12
TABLE 6.3	QUANTITIES OF WASTE GENERATED FROM THE WORKS CONTRACT	13
TABLE 9.1	CONSTRUCTION ACTIVITIES TO BE UNDERTAKEN DURING THE NEXT REPORTING PERIOD	18

1. 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 8th monthly Environmental Monitoring and Audit (EM&A) report presenting the EM&A works carried out during the period from 1 Feb 2024 to 29 Feb 2024 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)

- Pipe pile
- Bored pile
- Socket H pile
- Foul drain diversion

Near Pak Tai Street (H2)

- ELS works
- 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) 24-hour monitoring:

- Skytower Tower 2 (DMS-7): 5 times

CULTURAL HERITAGE

As foundation works were undertaken, vibration monitoring was conducted by the Contractor at designated monitoring locations during the reporting period. No non-compliance was recorded.

WASTE MANAGEMENT

Waste generated from this Works Contract typically includes inert construction and demolition materials and non-inert construction and demolition materials. 1130 m³ 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 1, 8, 15, 22 and 29 Feb 2024. The representative of the IEC joined the site inspection on 15 Feb 2024. 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.

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)

- Pipe pile
- Bored pile
- Socket H pile
- Foul drain diversion
- ELS works
- Covered-walkway diversion

Near Pak Tai Street (H2)

- ELS works

2. 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).

2.1 PURPOSE OF THE REPORT

This is the 8th EM&A report which summarises the monitoring results and audit findings during the reporting period from 1 Feb 2024 to 29 Feb 2024.

2.2 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.

3 PROJECT INFORMATION

3.1 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.

3.2 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**.

3.3 CONSTRUCTION PROGRAMME AND ACTIVITIES

A summary of the major construction activities undertaken in this reporting period is shown in **Table 3.1**. The construction programme is presented in **Appendix B**.

TABLE 3.1 SUMMARY OF THE CONSTRUCTION ACTIVITIES UNDERTAKEN DURING THE REPORTING PERIOD

Construction Activities Undertaken During the Reporting Period

Near Sung Wong Toi Exit D (W1)

- Pipe pile
- Bored pile
- Socket H pile
- Foul drain diversion

Near Pak Tai Street (H2)

- ELS works
- UU diversion

3.4 WORKS CONTRACT ORGANIZATION

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

3.5 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 3.2**.

TABLE 3.2 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-RE1480-23	23/11/2023 - 22/03/2024	Permit granted on 17 November 2023
Wastewater Discharge Licence (Near Sung Wong Toi Exit D (W1))	EP682/242/0586/1/472199	22/12/2023 - 31/12/2028	Permit granted on 22 December 2023
Wastewater Discharge Licence (Near Pak Tai Street (H2))	EP682/242/0587/1/473300	7/02/2024 - 28/02/2029	Permit granted on 7 February 2024
Chemical Waste Producer Licence	WPN 5213-242-P2973-12	-	-
Billing Account for Disposal of Construction Waste	7048028	Throughout the Contract	-

4 ENVIRONMENTAL MONITORING REQUIREMENT

4.1 REGULAR CONSTRUCTION NOISE MONITORING

4.1.1 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 4.1** and shown in **Appendix D**. The proposed location has been agreed with the ER, EPD and IEC.

TABLE 4.1 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.

4.1.2 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.

4.1.3 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 4.2**, 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 4.2 NOISE MONITORING EQUIPMENT

Monitoring Station	Noise Monitoring Equipment
NMS-CA-7	<ul style="list-style-type: none"> Sound Level Meter – Rion NL-52 (00643049) Precision Acoustic Calibrator – Larson Davis CAL200 (16878)

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).

4.1.4 ACTION AND LIMIT LEVELS

The Action and Limit Levels are presented in **Table 4.3** and the Event / Action Plan for construction noise monitoring is presented in **Appendix G**.

TABLE 4.3 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.

4.2 CONSTRUCTION DUST MONITORING

4.2.1 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 4.4** and shown in **Appendix D**. The proposed location has been agreed with the ER, EPD and IEC.

TABLE 4.4 CONSTRUCTION DUST MONITORING LOCATION

MONITORING STATION	DESCRIPTION
DMS-7	Skytower Tower 2 (podium level) (a)

Note:

MONITORING STATION	DESCRIPTION
--------------------	-------------

- (a) Dust monitoring station proposed as DMS-7 in the approved EM&A Manual for SCL (TAW-HUH).

4.2.2 MONITORING PARAMETER AND FREQUENCY

TSP monitoring 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**.

4.2.3 MONITORING EQUIPMENT

High volume sampler was used to measure 24-hour TSP levels respectively at the designated monitoring station. The equipment used for the construction dust monitoring is listed in **Table 4.5**.

TABLE 4.5 CONSTRUCTION DUST MONITORING EQUIPMENT

Monitoring Station	Dust Monitoring Equipment
DMS-7	High Volume Sampler – Tisch Environmental – TE-5170 (3958)

4.2.4 MONITORING METHODOLOGY

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 m³min⁻¹, which was within the range specified in the EM&A Manual (i.e. 0.6 - 1.7 m³min⁻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**.

4.2.5 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**.

4.2.6 ACTION AND LIMIT LEVELS

The Action and Limit levels have been established and are presented in **Table 4.6**. The Event / Action Plan for dust monitoring is presented in **Appendix G**.

TABLE 4.6 ACTION AND LIMIT LEVELS FOR CONSTRUCTION DUST MONITORING

Monitoring Location	Parameter	Action Level, µg/m ³ (a)	Limit Level, µg/m ³
DMS-7	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*.

Monitoring Location	Parameter	Action Level, ug/m ³ (a)	Limit Level, ug/m ³
DMS-7	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.

4.3 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 foundation works were undertaken, vibration monitoring was conducted by the Contractor at designated monitoring locations during the reporting period. No non-compliance was recorded.

4.4 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**.

5 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 5.1**.

TABLE 5.1 STATUS OF REQUIRED SUBMISSION UNDER THE WORKS CONTRACT DURING THE REPORTING PERIOD

EP Condition	Submission	Submission Date
3.4	Monthly EM&A Report (January 2024)	14 February 2024

6 MONITORING RESULTS

6.1 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 6.1**.

TABLE 6.1 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	67.4	65.0 – 68.7	75

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

6.2 CONSTRUCTION DUST MONITORING

Construction dust monitoring, in terms of 24-hour TSP level, 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 6.2**.

TABLE 6.2 SUMMARY OF THE CONSTRUCTION DUST MONITORING RESULTS DURING THE REPORTING PERIOD

Monitoring Station	Parameter	TSP Monitoring Results (μgm^{-3})		Action Level	Limit Level
		Average (μgm^{-3})	Range (μgm^{-3})	(μgm^{-3})	(μgm^{-3})
DMS-7	24-hour TSP	47.8	29-65	166.7	260

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

6.3 CULTURAL HERITAGE

As foundation works were undertaken, vibration monitoring was conducted by the Contractor at designated monitoring locations during the reporting period. No non-compliance was recorded.

6.4 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 6.3**. Details of waste management data are presented in **Appendix L**.

TABLE 6.3 QUANTITIES OF WASTE GENERATED FROM THE WORKS CONTRACT

Reporting Period	Quantity					
	Inert C&D Materials	Chemical Waste	Non-inert C&D Materials			
			General Refuse/Veg etative Waste	Recycled materials		
				Paper/ cardboard	Plastic s	Metals
January 2024 ^(a)	1740 m ³	0 kg	0 m ³	0 kg	0 kg	0 kg
February 2024 ^(b)	1130 m ³	0 kg	0 m ³	0 kg	0 kg	0 kg

Note:

(a) As the waste data presented in the last monthly EM&A report was up to 21 January 2024 only, the updated waste data in January 2024 is presented in Table 6.3.

(b) The amount of waste in February is a whole month's quantity.

6.5 LANDSCAPE AND VISUAL MITIGATION MEASURES

Bi-weekly inspection of the implementation of landscape and visual mitigation measures was conducted on 8 and 22 Feb 2024. Relevant mitigation measures given in **Appendix H** have been implemented. Required actions that were found are listed below:

8 February 2024

There was no major observation during the site inspection.

22 February 2024

There was no major observation during the site inspection.

7 ENVIRONMENTAL SITE INSPECTION

Joint weekly site inspections were conducted by representatives of the Contractor, Engineer and Contractor's ET on 1, 8, 15, 22 and 29 Feb 2024. The representative of the IEC joined the site inspection on 15 Feb 2024. No non-compliance was recorded during the site inspections. Findings and recommendations for the site inspection in this reporting month are summarised below:

1 February 2024

- Rainwater was observed accumulating in the site area near Sung Wong Toi Exit D (W1). The Contractor is reminded to clear the accumulation of stagnant water for mosquito control.
- *Some obstacles and* muds were observed inside the sedimentation tank in Pak Tai Street (H2). The Contractor is reminded to clear the sedimentation tank for effective water treatment.

8 February 2024

- Obstacles and muds were observed inside the wastewater treatment plant in Pak Tai Street (H2). The Contractor is reminded to clear the obstacles and muds for effective water treatment.
- NRMMS label and noise emission label were observed falling off the generator. The Contractor is reminded to display the labels properly outside the generator.
- *A chemical container* was observed to be placed in an open area. The Contractor is reminded to store the chemicals in proper storage areas.
- The workfront was not covered entirely with noise insulating materials. The Contractor is reminded to implement proper noise control measure to the PME.
- The noise insulating material was observed to be worn-out. The Contractor *is* reminded to replace any worn-out noise insulating material.

15 February 2024

- Obstacles and muds were observed inside the wastewater treatment plant in Pak Tai Street (H2). The Contractor is reminded to clear the obstacles and muds for effective water treatment.
- The workfront was not covered entirely with noise insulating materials. The Contractor is reminded to implement proper noise control measure to the PME.
- During the site visit, the exposed areas are observed dry and without watering. After the site visit, the Contractor has immediately provided water spraying to exposed areas to prevent potential fugitive dust generation from wind erosion.

22 February 2024

- Obstacles and muds were observed inside the wastewater treatment plant in Pak Tai Street (H2). The Contractor is reminded to clear the obstacles and muds for effective water treatment.
- Several water-filled barriers were observed broken. The Contractor is reminded to repair and fix any broken water-filled barriers to prevent stagnant water accumulation.
- Obstacles were observed in the site near Sung Wong Toi Exit D (W1). The Contractor is reminded to clear the obstacles to prevent water accumulation during the rainy period of time.
- Drip tray was observed broken under the air compressor. The Contractor is reminded to replace the broken drip tray of the air compressor.
- The noise emission label was observed to be missing for the air compressor. The Contractor is reminded to provide a valid noise emission label for the air compressor.

29 February 2024

- Muds were observed inside the wastewater treatment plant in Pak Tai Street (H2). The Contractor is reminded to clear the muds for effective water treatment.
- During the site visit, the drip tray was still observed broken under the air compressor. The Contractor replied during the site visit that they have already ordered a new drip tray. The Contractor was reminded to place an impervious sheet under the compressor to prevent any fuel leakage while waiting for the arrival of new trip tray.
- Cement grout was observed leaking out to the archaeological site. The Contractor is reminded to clear the leakage of cement grout.
- The chemicals were observed to be placed in an open area. The Contractor is reminded to store the chemicals in proper storage area. All follow-up actions requested by Contractor's ET and IEC during the site inspections were undertaken as reported by the Contractor.

8 ENVIRONMENTAL NON-COMPLIANCE

8.1 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.

8.2 SUMMARY OF ENVIRONMENTAL NON-COMPLIANCE

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

8.3 SUMMARY OF ENVIRONMENTAL COMPLIANT

No environmental complaint was received during this reporting period. The cumulative environmental complaint log is shown in **Appendix M**.

8.4 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**.

9 UPCOMING WORKS FOR THE NEXT REPORTING PERIOD

9.1 CONSTRUCTION ACTIVITIES FOR THE COMING MONTH

Works to be undertaken in the next reporting period are summarised in **Table 9.1**.

TABLE 9.1 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)

- Pipe pile
- Bored pile
- Socket H pile
- Foul drain diversion
- ELS works
- Covered-walkway diversion

Near Pak Tai Street (H2)

- ELS works

9.2 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**.

9.3 CONSTRUCTION PROGRAMME FOR THE NEXT MONTH

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

10 CONCLUSIONS

This is the 8th EM&A Report presenting the EM&A works undertaken during the period from 1 Feb 2024 to 29 Feb 2024 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.

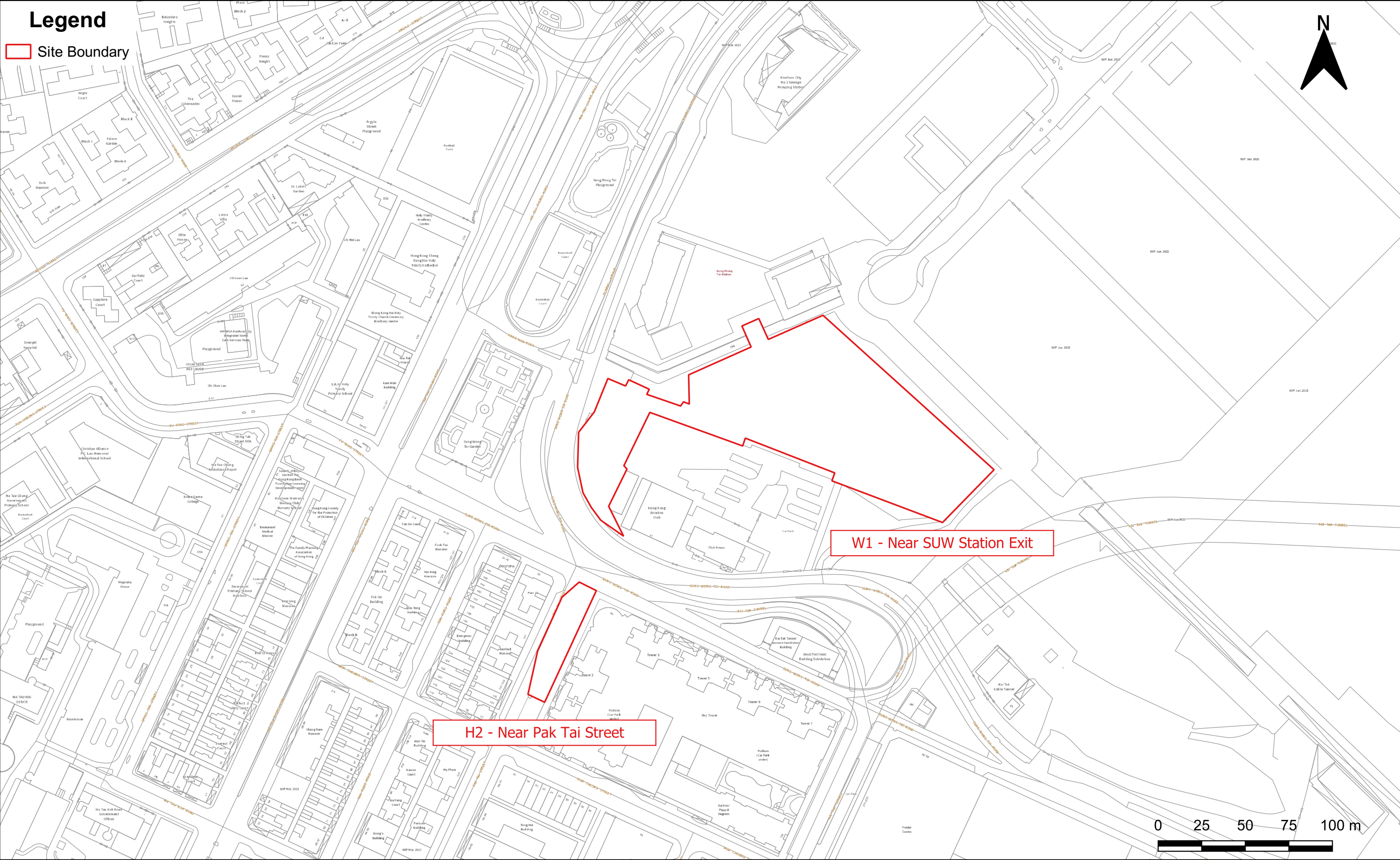
No environmental complaint was received during this reporting period.

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





APPENDIX B CONSTRUCTION PROGRAMME FOR THE REPORTING MONTH AND COMING MONTHS

Activity ID		Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
								Feb 9	Mar 10	Apr 11	May 12
CONTRACT NO. 11286 Revised Programme for Acceptance (DD: 29-Feb-24)			822	12-Jun-23 A	31-May-26		0				
CONTRACT DATES			1085	12-Jun-23 A	31-May-26		0				
The Whole of the Works			1085	12-Jun-23 A	31-May-26		0				
11286-#PD-01000		STARTING DATE (12 June 2023)	0	12-Jun-23 A		100%					
11286-#PD-01010		Duration for the whole of the Works (36-Months)	1067	12-Jun-23 A	18-May-26	0%	12				
11286-#PD-01030		COMPLETION DATE for the whole of the Works (31-May-2026)	0		31-May-26*	0%	0				
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)			62	17-Mar-26	18-May-26		12				
11286-#PD-01040		(PLANNED) SECTIONAL COMPLETION of the Works	0		17-Mar-26*	0%	-52				
11286-#PD-01050		(PLANNED) COMPLETION DATE for the whole of the Works	0		18-May-26	0%	12				
Works Area Possession / Access date / Vacation Date			1010	12-Jun-23 A	17-Mar-26		12				
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%					
11286-#PD-01090		Vacation Date for Works Area (11286.W1, H1 & H2)	0		17-Mar-26	0%	12				
Planned Schedule of Power-On Date			60	04-Sep-25	02-Nov-25		-49				
11286-#PO-01250		(1-Month) Notice to CLP / MTR for Permanent Power Connection	30	04-Sep-25	03-Oct-25	0%	-49				
11286-#PO-01255		Permanent Power Connection @ Approach Concourse Elec Equipt Room (By CLP)	30	04-Oct-25	02-Nov-25	0%	-49				
11286-#PO-01260		Approach Lobby (E&M Plant Room) - Power-On Date	0		02-Nov-25	0%	-49				
Cost Centre A: PRELIMINARIES, EDOC and STATUTORY SUBMISSIOIN and APPROVAL			822	12-Jun-23 A	18-May-26		10				
Management Plan Submission Schedule			104	12-Jun-23 A	29-Jun-24		524				
Noise Management Plan (NMP) (Ref: S205.4.5/GS G5.7.1)			28	09-Aug-23 A	16-Aug-23 A						
11286-#MP-01270		Prepare & Submit Noise Management Plan (Start within 4-weeks)	28	09-Aug-23 A	09-Aug-23 A	100%					
11286-#MP-01280		PM Review & Approve Noise Management Plan	21	09-Aug-23 A	16-Aug-23 A	100%					
Environmental Management Plan (Ref: S270.1)			46	12-Jul-23 A	15-Aug-23 A						
11286-#MP-01290		Prepare & Submit Environmental Management Plan (Start within 4-weeks)	28	12-Jul-23 A	15-Aug-23 A	100%					
11286-#MP-01300		PM Review & Approve Environmental Management Plan	21	08-Aug-23 A	15-Aug-23 A	100%					
Air Quality Management Plan (AQMP) (Ref: S205.8.22/GS G5.4.1)			46	13-Jul-23 A	16-Aug-23 A						
11286-#MP-01310		Prepare & Submit Air Quality Management Plan (Start within 4-weeks)	28	13-Jul-23 A	09-Aug-23 A	100%					
11286-#MP-01320		PM Review & Approve Air Quality Management Plan	21	09-Aug-23 A	16-Aug-23 A	100%					
Risk Management Plan (Ref: S260.4/S503.2/S510.1.1)			61	23-Jun-23 A	26-Jul-23 A						
11286-#MP-01330		Prepare and Submit Project Risk Management Plan (Start within 1-week)	7	23-Jun-23 A	26-Jun-23 A	100%					
11286-#MP-01340		PM Review and Acceptance of Project Risk Management Plan	21	26-Jun-23 A	26-Jul-23 A	100%					
C&D Material Management Plan (Ref: S270.6)			49	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)	28	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	21	16-Jun-23 A	20-Jul-23 A	100%					
Programme Management Plan (Ref: S503.1)			7	23-Jun-23 A	26-Jun-23 A						
11286-#MP-01420		Prepare & Submit 1st Contractor Programme to PM (Start ASAP)	7	23-Jun-23 A	26-Jun-23 A	100%					
Performance Measurement Baseline (Ref: S510.1.1.1/S530)			61	20-Jun-23 A	18-Aug-23 A						
11286-#MP-01480		Prepare & Submit Performance Measurement Baseline to PM (Start within 1-week)	7	23-Jun-23 A	26-Jun-23 A	100%					
11286-#MP-01490		Review & Comment Performance Measurement Baseline	21	20-Jun-23 A	18-Aug-23 A	100%					
Cash Flow - Aligned with Plannned Payment in the Activity Schedule (Ref: S510.1.1.1/S540)			61	12-Jun-23 A	26-Jun-23 A						
11286-#MP-01510		Prepare & Submit Cash Flow - Alignment with Planned Payment to PM (Start within 1-week)	7	23-Jun-23 A	26-Jun-23 A	100%					
11286-#MP-01520		Review & Comment Cash Flow - Alignment with Planned Payment	21	12-Jun-23 A	19-Jun-23 A	100%					
Contractors Progress and Performance Reporting Management Standard / Procedure (Ref: S510.1			61	23-Jun-23 A	31-Oct-23 A						
11286-#MP-01540		Prepare & Submit Contractors Progress & Performance Reporting Management Standard/Procedi	7	23-Jun-23 A	26-Jun-23 A	100%					
11286-#MP-01550		Review & Comment Progress & Performance Reporting Management Standard / Procedure	21	22-Aug-23 A	31-Oct-23 A	100%					
Contractor's Risk Management Standard / Proceedure (Ref: S510.1.1)			61	23-Jun-23 A	26-Jul-23 A						
11286-#MP-01570		Prepare and Submit Contractors Risk Management Plan (Start within 1-week)	7	23-Jun-23 A	26-Jun-23 A	100%					
11286-#MP-01580		PM Review and Acceptance of Contractors Risk Management Plan	21	11-Jul-23 A	26-Jul-23 A	100%					
Sub-Contract Management Plan (Ref: S1205.1.1)			46	12-Jul-23 A	25-Jul-23 A						
11286-#MP-01610		Prepare and Submit Sub-Contractors Management Plan (Start within 4-weeks)	28	12-Jul-23 A	13-Jul-23 A	100%					

Milestone

Overall Summary Bar

Sub-Summary Bar

Critical Bar

Non-Critical Bar

Actual Work

Primary Baseline

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(1 of 26)

Date

29-Feb-24

Revision

MTR 11286 Revised Programme for Acce pt...

Checked

AK

Approved

AY

Activity ID		Activity Name		Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
									Feb 9	Mar 10	Apr 11	May 12
11286-DES-02200		Hoarding Plan (Entrance C) - BD Review and Consultation		28	26-Sep-23 A	26-Sep-23 A	100%					
ELS (Sheet Piles, Pipepile Walls) & Instrumentation Monitoring Submission & Approval by PM				146	28-Jun-23 A	31-Oct-23 A						
11286-DES-02270		ELS - Prepare and Submit PM Check		21	28-Jun-23 A	28-Jun-23 A	100%					
11286-DES-02280		ELS - MTR (1st) review & comments		21	10-Jul-23 A	19-Jul-23 A	100%					
11286-DES-02290		ELS - PY Revised and Re-submit		7	21-Jul-23 A	23-Aug-23 A	100%					
11286-DES-02300		ELS - MTR (2nd) review & comments		21	24-Aug-23 A	25-Oct-23 A	100%					
11286-DES-02310		ELS - BD Review and Consultation		7	31-Oct-23 A	31-Oct-23 A	100%					
11286-DES-02320		ELS - MTR Endorsement for BD Submission		28	31-Oct-23 A	31-Oct-23 A	100%					
ELS Support for Approach Lobby Design & ICE Check				236	26-Jul-23 A	11-May-24	-3					
11286-DES-02330		ELS Support for Approach Lobby Design - Prepare and Submit PM & ICE Check		21	26-Jul-23 A	01-Mar-24	0%	-3				
11286-DES-02340		ELS Support for Approach Lobby Design - PM (1st) Review		21	02-Mar-24	26-Mar-24	0%	-3				
11286-DES-02350		ELS Support for Approach Lobby Design - PY Revised and Re-submit		7	27-Mar-24	08-Apr-24	0%	-3				
11286-DES-02360		ELS Support for Approach Lobby Design - PM (2nd) Review		21	09-Apr-24	03-May-24	0%	-3				
11286-DES-02370		ELS Support for Approach Lobby Design - PM Endorsement		7	04-May-24	11-May-24	0%	-3				
External Cladding (Aluminum / Glass Wall) Design Submission and Approvals				127	14-Feb-24 A	10-Jul-24		138				
11286-DES-02440		External Cladding Design - Prepare and Submit ICE Check		21	14-Feb-24 A	25-Mar-24	0%	88				
11286-DES-02450		External Cladding Design - MTR (1st) Review		21	26-Mar-24	23-Apr-24	0%	88				
11286-DES-02460		External Cladding Design - PY Revised and Re-submit		7	24-Apr-24	02-May-24	0%	88				
11286-DES-02470		External Cladding Design - MTR (2nd) Review		21	03-May-24	28-May-24	0%	88				
11286-DES-02480		External Cladding Design - MTR Endorsement for BD Submission		7	29-May-24	05-Jun-24	0%	88				
11286-DES-02490		External Cladding Design - BD Review and Consultation		28	06-Jun-24	10-Jul-24	0%	88				
11286-DES-02491		External Cladding Design - BD Submission and Approval of Fabrication Drawings		28	06-Jun-24	10-Jul-24	0%	138				
11286-DES-02492		Framed Glass Wall (EntC and AL) Design - Prepare and Submit		21	15-Apr-24*	09-May-24	0%	167				
11286-DES-02493		Framed Glass Wall (EntC and AL) Design - MTR (1st) Review		21	15-Apr-24	09-May-24	0%	188				
11286-DES-02494		Framed Glass Wall (EntC and AL) Design - PY Revised and Re-submit		7	02-May-24	09-May-24	0%	188				
11286-DES-02495		Framed Glass Wall (EntC and AL) Design - MTR Endorsement for BD Submission		21	15-Apr-24	09-May-24	0%	188				
11286-DES-02496		Framed Glass Wall (EntC and AL) Design - BD Review and Consultation		7	02-May-24	09-May-24	0%	188				
11286-DES-02497		Framed Glass Wall (EntC and AL) Design - BD Submission and Approval of Fabrication Drawings		28	06-Apr-24	09-May-24	0%	188				
External Aluminum Louvres / Doors Design Submission and Approvals				105	01-Mar-24	10-Jul-24		138				
11286-DES-02500		External Aluminum Louvres, Doors Design - Prepare and Submit ICE Check		21	01-Mar-24*	25-Mar-24	0%	12				
11286-DES-02510		External Aluminum Louvres, Doors Design - MTR (1st) Review		21	26-Mar-24	23-Apr-24	0%	12				
11286-DES-02520		External Aluminum Louvres, Doors Design - PY Revised and Re-submit		7	24-Apr-24	02-May-24	0%	12				
11286-DES-02530		External Aluminum Louvres, Doors Design - MTR (2nd) Review		21	03-May-24	28-May-24	0%	12				
11286-DES-02540		External Aluminum Louvres, Doors Design - MTR Endorsement for BD Submission		7	29-May-24	05-Jun-24	0%	12				
11286-DES-02550		External Aluminum Louvres, Doors Design - BD Review and Consultation		28	06-Jun-24	10-Jul-24	0%	12				
11286-DES-02551		External Aluminum Louvres, Doors Design - BD Submission and Approval of Fabrication Drawings		28	06-Jun-24	10-Jul-24	0%	22				
11286-DES-02552		External Roofing System (Footbridge) Design - Prepare and Submit		21	10-May-24*	04-Jun-24	0%	167				
11286-DES-02553		External Roofing System (Footbridge) Design - MTR (1st) Review		21	10-May-24	04-Jun-24	0%	167				
11286-DES-02554		External Roofing System (Footbridge) Design - PY Revised and Re-submit		7	28-May-24	04-Jun-24	0%	167				
11286-DES-02555		External Roofing System (Footbridge) Design - MTR Endorsement for BD Submission		21	10-May-24	04-Jun-24	0%	167				
11286-DES-02556		External Roofing System (Footbridge) Design - BD Review and Consultation		7	28-May-24	04-Jun-24	0%	167				
11286-DES-02557		External Roofing System (Footbridge) Design - BD Submission and Approval of Fabrication Drawin		28	02-May-24	04-Jun-24	0%	167				
Temporary Works Design (Non-BD Submission)				320	28-Jun-23 A	29-Jul-24		543				
CNP Application and Approval				21	22-Aug-23 A	15-Sep-23 A						
11286-DES-02620		CNP - Prepare and Submit to PM		21	22-Aug-23 A	15-Sep-23 A	100%					
Footbridge - (TTMS) Application and Approval for (Bridge Erection)				191	28-Jun-23 A	13-Apr-24		98				
11286-DES-02650		Footbridge / SWT Road - (TTMS) Prepare and Submit SLG Check		14	28-Jun-23 A	21-Feb-24 A	100%					
11286-DES-02660		Footbridge / SWT Road - (TTMS) SLG (1st) review & comments		14	21-Feb-24 A	07-Mar-24	0%	98				
11286-DES-02680		Footbridge / SWT Road - (TTMS) SLG (2nd) review & comments		14	08-Mar-24	23-Mar-24	0%	98				
11286-DES-02690		Footbridge / SWT Road - (TTMS) SLG Endorsement		14	25-Mar-24	13-Apr-24	0%	98				
Entrance C - (TTMS) Application and Approval				87	30-Jun-23 A	13-Jul-23 A						
11286-DES-02700		Entrance C - (TTMS & XP renomination) Prepare and Submit SLG Check		14	06-Jul-23 A	13-Jul-23 A	100%					
11286-DES-02710		Entrance C - (TTMS & XP renomination) SLG (1st) review & comments		21	30-Jun-23 A	03-Jul-23 A	100%					
11286-DES-02720		Entrance C - (TTMS & XP renomination) PY Revised and Re-submit		7	30-Jun-23 A	03-Jul-23 A	100%					
11286-DES-02730		Entrance C - (TTMS & XP renomination) SLG (2nd) review & comments		21	30-Jun-23 A	03-Jul-23 A	100%					
11286-DES-02740		Entrance C - (TTMS & XP renomination) SLG Endorsement		14	03-Jul-23 A	07-Jul-23 A	100%					
Excavation Permit Submission and Approval by PM				58	10-Jul-23 A	10-Jul-23 A						
11286-DES-02750		Excavation Permit - Prepare and Submit PM Check		14	10-Jul-23 A	10-Jul-23 A	100%					

Milestone

Overall Summary Bar

Sub-Summary Bar

Critical Bar

Non-Critical Bar

Actual Work

Primary Baseline

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(3 of 26)

Date	Revision	Checked	Approved
29-Feb-24	MTR 11286 Revised Programme for Accept...	AK	AY

Activity ID		Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
								Feb 9	Mar 10	Apr 11	May 12
		11286-DES-02760	Excavation Permit - PM (1st) review & comments	21	10-Jul-23 A	10-Jul-23 A	100%				
		Traffic Deck Over Archeological Zone Design & ICE Check		159	04-Sep-23 A	16-Mar-24	650				
		11286-DES-02800	Traffic Deck Over Arch Zone - Prepare and Submit PM & ICE Check	21	04-Sep-23 A	01-Mar-24	50%	663	Traffic Deck Over Arch Zone - Prepare and Submit PM & ICE Check		
		11286-DES-02840	Traffic Deck Over Arch Zone - PM Endorsement	14	01-Mar-24	16-Mar-24	0%	650	Traffic Deck Over Arch Zone - PM Endorsement		
		Temporary Bridge Tower Design & ICE Check		82	02-Jan-24 A	10-May-24	608				
		11286-DES-02850	Temporary Bridge Tower Design - Prepare and Submit PM & ICE Check	21	02-Jan-24 A	25-Mar-24	0%	643	Temporary Bridge Tower Design - Prepare and Submit PM & ICE Check		
		11286-DES-02860	Temporary Bridge Tower Design - PM (1st) Review	21	03-Jan-24 A	25-Mar-24	0%	3	Temporary Bridge Tower Design - PM (1st) Review		
		11286-DES-02870	Temporary Bridge Tower Design - PY Revised and Re-submit	7	26-Mar-24	06-Apr-24	0%	3	Temporary Bridge Tower Design - PY Revised and Re-submit		
		11286-DES-02880	Temporary Bridge Tower Design - PM (2nd) Review	21	08-Apr-24	02-May-24	0%	3	Temporary Bridge Tower Design		
		11286-DES-02890	Temporary Bridge Tower Design - PM Endorsement	7	03-May-24	10-May-24	0%	3	Temporary Bridge Tow		
		Bridge Bearing Plate Design & ICE Check		97	19-Jan-24 A	16-Mar-24	650				
		11286-DES-02900	Bridge Bearing Plate Design - Prepare and Submit PM & ICE Check	14	19-Jan-24 A	16-Mar-24	0%	650	Bridge Bearing Plate Design - Prepare and Submit PM & ICE Check		
		11286-DES-02910	Bridge Bearing Plate Design - PM (1st) Review	14	20-Jan-24 A	29-Jan-24 A	100%				
		11286-DES-02920	Bridge Bearing Plate Design - PY Revised and Re-submit	5	30-Jan-24 A	06-Feb-24 A	100%				
		11286-DES-02930	Bridge Bearing Plate Design - PM (2nd) Review	14	07-Feb-24 A	13-Feb-24 A	100%				
		11286-DES-02940	Bridge Bearing Plate Design - PM Endorsement	7	13-Feb-24 A	14-Feb-24 A	100%				
		BIM Preparation and Submission		146	01-Dec-23 A	18-Mar-24	298				
		11286-DES-3400	BIM preparation for BS BOH works before breakthrough	146	01-Dec-23 A	18-Mar-24	0%	298			
		BS Submission and Approval		143	06-Feb-24 A	29-Jul-24	192				
		11286-DES-3410	BS Drawing Submission and Approval	120	01-Mar-24*	27-Jul-24	0%	193			
		11286-DES-3420	BS Design Submission and Approval	71	06-Feb-24 A	29-May-24	0%	192			
		11286-DES-3430	BS Material Submission and Approval	71	06-Feb-24 A	29-May-24	0%	192			
		11286-DES-3440	BS Sample Board Submission and Approval	50	30-May-24	29-Jul-24	0%	192			
		MCS and SBSCS Interface Submission		97	01-Mar-24	29-Jun-24	304				
		11286-DES-3450	BS Interface Plan Submission and Approval	71	01-Mar-24*	29-May-24	0%	330			
		11286-DES-3460	BS Detailed Interface Specification (DIS) Submission and Approval	70	01-Mar-24*	28-May-24	0%	331			
		11286-DES-3470	BS Detailed Interface Testing Plan (DITP) Submission and Approval	24	01-Mar-24*	28-Mar-24	0%	377	BS Detailed Interface Testing Plan (DITP) Submission and Approval		
		11286-DES-3480	BS Interface Test Specification (ITSP) Submission and Approval	73	02-Apr-24*	29-Jun-24	0%	304			
		EDOC Submission and Approval		258	25-Aug-23 A	09-Aug-24	352				
		Hoarding Installation & ABWF Removal		202	25-Aug-23 A	03-Jun-24	312				
		11286-DES-03000	EDOC for Builder's Work for Existing SUW Station (BOH) - Prepare and Submit PM	28	25-Aug-23 A	06-Apr-24	0%	352	EDOC for Builder's Work for Existing SUW Station (BOH) - Prepa		
		11286-DES-03010	EDOC for Builder's Work for Existing SUW Station (BOH) - PM (1st) Review	28	16-Nov-23 A	06-Apr-24	0%	312	EDOC for Builder's Work for Existing SUW Station (BOH) - PM (1		
		11286-DES-03020	EDOC for Builder's Work for Existing SUW Station (BOH) - PY Revised and Re-submit	7	08-Apr-24	15-Apr-24	0%	312	EDOC for Builder's Work for Existing SUW Station (BO		
		11286-DES-03030	EDOC for Builder's Work for Existing SUW Station (BOH) - PM (2nd) Review	28	16-Apr-24	20-May-24	0%	312	EDOC for		
		11286-DES-03040	EDOC for Builder's Work for Existing SUW Station (BOH) - PM Endorsement	12	21-May-24	03-Jun-24	0%	312			
		Civil Breaktrough (Approach Lobby / ADIT Area)		103	01-Mar-24	08-Jul-24	298				
		11286-DES-03050	EDOC for Civil Breaktrough - Prepare and Submit PM	28	01-Mar-24*	06-Apr-24	0%	298	EDOC for Civil Breaktrough - Prepare and Submit PM		
		11286-DES-03060	EDOC for Civil Breaktrough - PM (1st) Review	28	08-Apr-24	10-May-24	0%	298	EDOC for Civil Breaktro		
		11286-DES-03070	EDOC for Civil Breaktrough - PY Revised and Re-submit	7	11-May-24	20-May-24	0%	298	EDOC for		
		11286-DES-03080	EDOC for Civil Breaktrough - PM (2nd) Review	28	21-May-24	22-Jun-24	0%	298			
		11286-DES-03090	EDOC for Civil Breaktrough - PM Endorsement	12	24-Jun-24	08-Jul-24	0%	298			
		ABWF and Hoarding Removal		103	08-Apr-24	09-Aug-24	352				
		11286-DES-03200	EDOC for Builder's Work for Existing SUW Station (FOH) - Prepare & Submit PM	28	08-Apr-24	10-May-24	0%	352	EDOC for Builder's Wo		
		11286-DES-03210	EDOC for Builder's Work for Existing SUW Station (FOH) - PM (1st) Review	28	11-May-24	14-Jun-24	0%	352			
		11286-DES-03220	EDOC for Builder's Work for Existing SUW Station (FOH) - PY Revised and Re-submit	7	15-Jun-24	22-Jun-24	0%	352			
		11286-DES-03230	EDOC for Builder's Work for Existing SUW Station (FOH) - PM (2nd) Review	28	24-Jun-24	26-Jul-24	0%	352			
		11286-DES-03240	EDOC for Builder's Work for Existing SUW Station (FOH) - PM Endorsement	12	27-Jul-24	09-Aug-24	0%	352			
		Existing E&M Panel Inspection at BOH of SUW Station		84	03-Jan-24 A	18-May-24	60				
		11286-DES-03300	EDOC for Checking, Inspection and Modification of Existing E&M Panels at BOH of SUW Station - F	14	03-Jan-24 A	16-Mar-24	0%	60	EDOC for Checking, Inspection and Modification of Existing E&M Panels at BOH of SUW S		
		11286-DES-03310	EDOC for Checking, Inspection and Modification of Existing E&M Panels at BOH of SUW Station - F	14	18-Mar-24	06-Apr-24	0%	60	EDOC for Checking, Inspection and Modification of Existing E&M		
		11286-DES-03320	EDOC for Checking, Inspection and Modification of Existing E&M Panels at BOH of SUW Station - F	7	08-Apr-24	15-Apr-24	0%	60	EDOC for Checking, Inspection and Modification of Ex		
		11286-DES-03330	EDOC for Checking, Inspection and Modification of Existing E&M Panels at BOH of SUW Station - F	14	16-Apr-24	02-May-24	0%	60	EDOC for Checking, Inspection a		
		11286-DES-03340	EDOC for Checking, Inspection and Modification of Existing E&M Panels at BOH of SUW Station - F	13	03-May-24	18-May-24	0%	60	EDOC for Ch		
		Modification and Installation of E&M works at SUW Station		84	12-Jan-24 A	18-May-24	60				
		11286-DES-03350	EDOC for Modification and Installation of E&M Works at SUW Station - Prepare & Submit PM	14	12-Jan-24 A	16-Mar-24	0%	60	EDOC for Modification and Installation of E&M Works at SUW Station - Prepare & Submit P		
		11286-DES-03360	EDOC for Modification and Installation of E&M Works at SUW Station - PM (1st) Review	14	18-Mar-24	06-Apr-24	0%	60	EDOC for Modification and Installation of E&M Works at SUW Sta		
		11286-DES-03370	EDOC for Modification and Installation of E&M Works at SUW Station - PY Revised and Re-submit	7	08-Apr-24	15-Apr-24	0%	60	EDOC for Modification and Installation of E&M Works		

Milestone

Overall Summary Bar

Sub-Summary Bar

Critical Bar

Non-Critical Bar

Actual Work

Primary Baseline

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(4 of 26)

Date	Revision	Checked	Approved
29-Feb-24	MTR 11286 Revised Programme for Acce...	AK	AY

Activity ID		Activity Name		Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
									Feb 9	Mar 10	Apr 11	May 12
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Activity ID		Activity Name		Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
									Feb 9	Mar 10	Apr 11	May 12
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Activity ID	Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
							Feb 9	Mar 10	Apr 11	May 12
Cost Centre B: FOOTBRIDGE PIER 1 to 4 (HKAC & Sung Wong Toi Road)		666	23-Jun-23 A	11-Dec-25		131				
Site Clearance & Mobilization & Establishment		678	05-Jul-23 A	11-Dec-25		134				
11286-MOB-04590	Construct Temporary Hoardings near SUW and HKAC	14	01-Mar-24	16-Mar-24	0%	102	Construct Temporary Hoardings near SUW and HKAC			
11286-MOB-04600	Street lamp posts relocation at Sung Wong Toi Road (Stage 1)	25	01-Mar-24	02-Apr-24	0%	639	Street lamp posts relocation at Sung Wong Toi Road (Stage 1)			
11286-MOB-04610	Implement TTMS, Before Construction of Temp Support Tower at SUW Toi Road	7	15-Apr-24	22-Apr-24	0%	98	Implement TTMS, Before Construction of Ter			
11286-MOB-04615	CE-3 Additional Condition Survey to HKAC Nissen Hut	28	21-Sep-23 A	19-Oct-23 A	100%					
11286-MOB-04620	Install Instrumentation	14	08-Aug-23 A	25-Oct-23 A	100%					
11286-MOB-04625	Instrumentation Monitoring (FB, Jul-23)	9	08-Aug-23 A	08-Aug-23 A	100%					
11286-MOB-04625a	Instrumentation Monitoring (FB, Aug-23)	26	01-Aug-23 A	31-Aug-23 A	100%					
11286-MOB-04625b	Instrumentation Monitoring (FB, Sep-23)	25	01-Sep-23 A	30-Sep-23 A	100%					
11286-MOB-04625c	Instrumentation Monitoring (FB, Oct-23)	24	01-Oct-23 A	31-Oct-23 A	100%					
11286-MOB-04625d	Instrumentation Monitoring (FB, Nov-23)	26	01-Nov-23 A	30-Nov-23 A	100%					
11286-MOB-04625e	Instrumentation Monitoring (FB, Dec-23)	24	01-Dec-23 A	30-Dec-23 A	100%					
11286-MOB-04625f	Instrumentation Monitoring (FB, Jan-24)	26	02-Jan-24 A	31-Jan-24 A	100%					
11286-MOB-04625g	Instrumentation Monitoring (FB, Feb-24)	22	01-Feb-24 A	29-Feb-24 A	100%					
11286-MOB-04625h	Instrumentation Monitoring (FB, Mar-24)	24	01-Mar-24	28-Mar-24	0%	35	Instrumentation Monitoring (FB, Mar-24)			
11286-MOB-04625i	Instrumentation Monitoring (FB, Apr-24)	24	02-Apr-24	30-Apr-24	0%	35	Instrumentation Monitoring (FB, Apr-24)			
11286-MOB-04625j	Instrumentation Monitoring (FB, May-24)	25	02-May-24	31-May-24	0%	35	Instrumentation Monitoring (FB, May-24)			
11286-MOB-04625k	Instrumentation Monitoring (FB, Jun-24)	24	01-Jun-24	29-Jun-24	0%	35	Instrumentation Monitoring (FB, Jun-24)			
11286-MOB-04625l	Instrumentation Monitoring (FB, Jul-24)	26	02-Jul-24	31-Jul-24	0%	35	Instrumentation Monitoring (FB, Jul-24)			
11286-MOB-04625m	Instrumentation Monitoring (FB, Aug-24)	27	01-Aug-24	31-Aug-24	0%	35	Instrumentation Monitoring (FB, Aug-24)			
11286-MOB-04625n	Instrumentation Monitoring (FB, Sep-24)	24	02-Sep-24	30-Sep-24	0%	35	Instrumentation Monitoring (FB, Sep-24)			
11286-MOB-04625o	Instrumentation Monitoring (FB, Oct-24)	25	02-Oct-24	31-Oct-24	0%	35	Instrumentation Monitoring (FB, Oct-24)			
11286-MOB-04625p	Instrumentation Monitoring (FB, Nov-24)	26	01-Nov-24	30-Nov-24	0%	35	Instrumentation Monitoring (FB, Nov-24)			
11286-MOB-04625q	Instrumentation Monitoring (FB, Dec-24)	24	02-Dec-24	31-Dec-24	0%	35	Instrumentation Monitoring (FB, Dec-24)			
11286-MOB-04625r	Instrumentation Monitoring (FB, Jan-25)	23	02-Jan-25	28-Jan-25	0%	35	Instrumentation Monitoring (FB, Jan-25)			
11286-MOB-04625s	Instrumentation Monitoring (FB, Feb-25)	24	01-Feb-25	28-Feb-25	0%	35	Instrumentation Monitoring (FB, Feb-25)			
11286-MOB-04625t	Instrumentation Monitoring (FB, Mar-25)	26	01-Mar-25	31-Mar-25	0%	35	Instrumentation Monitoring (FB, Mar-25)			
11286-MOB-04625u	Instrumentation Monitoring (FB, Apr-25)	22	01-Apr-25	30-Apr-25	0%	35	Instrumentation Monitoring (FB, Apr-25)			
11286-MOB-04625v	Instrumentation Monitoring (FB, May-25)	24	02-May-25	30-May-25	0%	35	Instrumentation Monitoring (FB, May-25)			
11286-MOB-04625w	Instrumentation Monitoring (FB, Jun-25)	25	02-Jun-25	30-Jun-25	0%	35	Instrumentation Monitoring (FB, Jun-25)			
11286-MOB-04625x	Instrumentation Monitoring (FB, Jul-25)	26	02-Jul-25	31-Jul-25	0%	35	Instrumentation Monitoring (FB, Jul-25)			
11286-MOB-04625y	Instrumentation Monitoring (FB, Aug-25)	26	01-Aug-25	30-Aug-25	0%	35	Instrumentation Monitoring (FB, Aug-25)			
11286-MOB-04625z	Instrumentation Monitoring (FB,Sep-25)	26	01-Sep-25	30-Sep-25	0%	35	Instrumentation Monitoring (FB, Sep-25)			
11286-MOB-04625za	Instrumentation Monitoring (FB,Oct-25)	24	02-Oct-25	31-Oct-25	0%	35	Instrumentation Monitoring (FB, Oct-25)			
11286-MOB-04625zb	Instrumentation Monitoring (FB,Nov-25)	25	01-Nov-25	29-Nov-25	0%	35	Instrumentation Monitoring (FB, Nov-25)			
11286-MOB-04625zc	Instrumentation Monitoring (FB,Dec-25)	10	01-Dec-25	11-Dec-25	0%	35	Instrumentation Monitoring (FB, Dec-25)			
11286-MOB-04630	Mobilisation of Plant and Site Establishment	25	05-Jul-23 A	13-Nov-23 A	100%					
Foundation & Substructure for P2 & P3		282	23-Jun-23 A	11-Jul-24		516				
Pre-drilling / G.I Works, ELS Works		123	23-Jun-23 A	01-Nov-23 A						
11286-CON-04640	Conduct site survey & cable detection	6	23-Jun-23 A	01-Nov-23 A	100%					
11286-CON-04650	Excavate & remove Lift-In Struts and Backfill	10	08-Aug-23 A	12-Aug-23 A	100%					
11286-CON-04660	Pre-drilling / G.I. Works at Pier P2 and P3 (4-nos) (3d/hole/rig) (2-rigs) / Piling Rig Mobilization	6	16-Aug-23 A	31-Aug-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	6	16-Aug-23 A	07-Sep-23 A	100%					
11286-CON-04662	Remeasurement - Ground Investigation at PC2 & PC3 (PD10 to PD17)	1	06-Sep-23 A	07-Sep-23 A	100%					
11286-CON-04665	Pre-grouting Works for PC2 and PC3	14	09-Sep-23 A	25-Sep-23 A	100%					
Piling Works		146	22-Aug-23 A	14-May-24		558				
Piling Works at Pier 2 - Bored Piles (4-Nos) (22d/pile/rig)		161	21-Oct-23 A	05-Apr-24		637				
11286-CON-04680	Bored Piles @ PC2-BP01 (27 days/pile/rig) + (0day/TRA)	27	11-Dec-23 A	17-Jan-24 A	100%					
11286-CON-04681	Bored Piles @ PC2-BP01 - Excavation of Soil (11 days/pile/rig) (50%)	5	11-Dec-23 A	15-Dec-23 A	100%					
11286-CON-04682	Bored Piles @ PC2-BP01 - Excavation of Soil (11 days/pile/rig) (100%)	6	11-Dec-23 A	08-Jan-24 A	100%					
11286-CON-04683	CE-2 Revised Foundation Design - Deeper Bored Piles @ PC2-BP01	1	10-Jan-24 A	10-Jan-24 A	100%					
11286-CON-04684	Remeasurement - Bored Piles @ PC2-BP01	1	10-Jan-24 A	10-Jan-24 A	100%					
11286-CON-04690	Bored Piles @ PC2-BP02 (27 days/pile/rig) + (0day/TRA)	27	22-Jan-24 A	01-Mar-24	0%	663	Bored Piles @ PC2-BP02 (27 days/pile/rig) + (0day/TRA)			
11286-CON-04691	Bored Piles @ PC2-BP02 - Excavation of Soil (11 days/pile/rig) (50%)	5	22-Jan-24 A	25-Jan-24 A	100%					
11286-CON-04692	Bored Piles @ PC2-BP02 - Excavation of Soil (11 days/pile/rig) (100%)	6	22-Jan-24 A	19-Feb-24 A	100%					
11286-CON-04693	CE-2 Revised Foundation Design - Deeper Bored Piles @ PC2-BP02	1	01-Mar-24	01-Mar-24	0%	663	CE-2 Revised Foundation Design - Deeper Bored Piles @ PC2-BP02			

Milestone

Overall Summary Bar

Sub-Summary Bar

Critical Bar

Non-Critical Bar

Actual Work

Primary Baseline

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(9 of 26)

Date	Revision	Checked	Approved
29-Feb-24	MTR 11286 Revised Programme for Accept...	AK	AY

Activity ID		Activity Name		Original Duration	Start	Finish	Activity % Complete	Total Float	2024							
									Feb		Mar		Apr		May	
									9		10		11		12	
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Activity ID	Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024				
							Feb	Mar	Apr	May	
							9	10	11	12	
	11286-CON-44989	Erection of Scaffolding for High Zone Installation for Footbridge Segment 4	7	11-Nov-24	18-Nov-24	0%	97				
	11286-CON-44990	ABWF Works (Roof Level) - Install Fall Arrest System for Footbridge Segment 4	20	27-Nov-24	19-Dec-24	0%	219				
	11286-CON-44991	ABWF Works (Roof Level) - Install Roof Cladding for Footbridge Segment 4	42	20-Dec-24	13-Feb-25	0%	219				
	11286-CON-44992	ABWF Works (Roof Level) - Install Cladding and Water Gutter for Footbridge Segment 4	28	14-Feb-25	18-Mar-25	0%	219				
	11286-CON-44993	E&M Works (Roof Level) Install Copper Tape For Footbridge Segment 4	6	19-Mar-25	25-Mar-25	0%	219				
	11286-CON-45001	E&M Works (Ceiling Level) - FS Installation for Footbridge Segment 4	8	19-Dec-24	30-Dec-24	0%	97				
	11286-CON-45002	E&M Works (Ceiling Level) - P&D Installation for Footbridge Segment 4	6	31-Dec-24	07-Jan-25	0%	97				
	11286-CON-45003	E&M Works (Ceiling Level) - ELE Installation for Footbridge Segment 4	14	08-Jan-25	23-Jan-25	0%	97				
	11286-CON-45004	Install E&M Composite Hanger (Ceiling Level Stage 2) for Footbridge Segment 4	20	26-Nov-24	18-Dec-24	0%	97				
	11286-CON-45020	ABWF Works (Ceiling Level) - Install Ceiling Sub-Frame Frame for Footbridge Segment 4	6	19-Nov-24	25-Nov-24	0%	97				
	11286-CON-45030	ABWF Works (Ceiling Level) - Install Rain Shelter for Footbridge Segment 4	12	26-Nov-24	09-Dec-24	0%	295				
	Segment 4 - Dismantle Temp Tower, Connection, Installation (Below Deck Level)		1	22-Nov-24	22-Nov-24		70				
	11286-CON-44923	Final Connection of ABWF / E&M Works below deck level for Footbridge Segment 4	1	22-Nov-24	22-Nov-24	0%	70				
	Segment 1 and 2		195	29-Jun-24	22-Feb-25		245				
	Segment 1 & 2 - Before Lifting		126	29-Jun-24	27-Nov-24		7				
	11286-CON-14900	On-site Prefabrication & Assembly (installation) for Footbridge Segment 1 & 2	28	29-Jun-24	01-Aug-24	0%	7				
	11286-CON-14901	On-site Prefabrication & Assembly (welding and testing) for Footbridge Segment 1 & 2	25	02-Aug-24	30-Aug-24	0%	7				
	11286-CON-14902	On-site Prefabrication & Assembly (FRP touch up) for Footbridge Segment 1 & 2	14	31-Aug-24	16-Sep-24	0%	7				
	11286-CON-14903	Install E&M drainage pipework (Low Zone) for Footbridge Segment 1 & 2	28	17-Sep-24	22-Oct-24	0%	7				
	11286-CON-14904	Install ABWF Cladding (Low Zone) for Footbridge Segment 1 & 2	28	05-Oct-24	07-Nov-24	0%	7				
	11286-CON-14905	Install ABWF Cladding Support Frame (High Zone) for Footbridge Segment 1 & 2	14	08-Nov-24	23-Nov-24	0%	7				
	11286-CON-14906	Install Copper Tape (Low Zone) for Footbridge Segment 1 & 2	3	25-Nov-24	27-Nov-24	0%	7				
	11286-CON-14907	Install E&M Composite Hanger (Ceiling Level Stage 1) for Footbridge Segment 1 & 2	7	10-Sep-24	17-Sep-24	0%	65				
	11286-CON-14908	ABWF Works (Ceiling Level) - Install Ceiling Sub-Frame for Lighting before lifting for Footbridge Segment 1	1	17-Sep-24	17-Sep-24	0%	65				
	11286-CON-14950	Footbridge (Segment 1) - Install Metal Bondek at Floor & Roof Level (Day-Time)	7	17-Sep-24	25-Sep-24	0%	59				
	Segment 1 - Lifting, Connection, Installation (Floor & Below Deck Level)		29	28-Nov-24	03-Jan-25		231				
	11286-CON-14920	Erection of Segment 1 (Full Truss) (L=13.7m) (Overnight Lifting) (1NTH)	1	28-Nov-24	28-Nov-24	0%	7				
	11286-CON-14922	Connection of ABWF / E&M Works below deck level for Footbridge Segment 1	2	29-Nov-24	30-Nov-24	0%	53				
	11286-CON-14940	Footbridge (Segment 1) - Bridge Alignment, Full Welding Connections & NDT (Day-Time)	16	29-Nov-24	17-Dec-24	0%	14				
	11286-CON-14941	Footbridge (Segment 1) - FRP Touch Up for connection (Day-Time)	12	18-Dec-24	03-Jan-25	0%	14				
	11286-CON-14961	Install E&M drainage pipework (Low Zone) at left out portion for Footbridge Segment 1	1	02-Dec-24	02-Dec-24	0%	53				
	11286-CON-15040	ABWF Works (Floor Level) - Install Metal Balustrate for Footbridge Segment 1	14	29-Nov-24	14-Dec-24	0%	245				
	11286-CON-15041	ABWF Works (Floor Level) - Install Sub Frame Support for Rain Water Catch Pit for Footbridge Segment 1	14	03-Dec-24	18-Dec-24	0%	53				
	Segment 1 - Erection of Scaffold, Connection, Installation (Roof & Ceiling Level)		68	29-Nov-24	22-Feb-25		245				
	11286-CON-14989	Erection of Scaffolding for High Zone Installation for Footbridge Segment 1	7	29-Nov-24	06-Dec-24	0%	101				
	11286-CON-14990	ABWF Works (Roof Level) - Install Fall Arrest System for Footbridge Segment 1	10	16-Dec-24	28-Dec-24	0%	245				
	11286-CON-14991	ABWF Works (Roof Level) - Install Roof Cladding for Footbridge Segment 1	10	30-Dec-24	10-Jan-25	0%	245				
	11286-CON-14992	ABWF Works (Roof Level) - Install Cladding and Water Gutter for Footbridge Segment 1	28	11-Jan-25	15-Feb-25	0%	245				
	11286-CON-14993	E&M Works (Roof Level) Install Copper Tape For Footbridge Segment 1	6	17-Feb-25	22-Feb-25	0%	245				
	11286-CON-15001	E&M Works (Ceiling Level) - FS Installation for Footbridge Segment 1	7	23-Dec-24	02-Jan-25	0%	101				
	11286-CON-15002	E&M Works (Ceiling Level) - P&D Installation for Footbridge Segment 1	7	03-Jan-25	10-Jan-25	0%	101				
	11286-CON-15003	E&M Works (Ceiling Level) - ELE Installation for Footbridge Segment 1	7	11-Jan-25	18-Jan-25	0%	101				
	11286-CON-15004	Install E&M Composite Hanger (Ceiling Level Stage 2) for Footbridge Segment 1	7	14-Dec-24	21-Dec-24	0%	101				
	11286-CON-15020	ABWF Works (Ceiling Level) - Install Ceiling Sub-Frame Frame for Footbridge Segment 1	6	07-Dec-24	13-Dec-24	0%	101				
	11286-CON-15030	ABWF Works (Ceiling Level) - Install Rain Shelter for Footbridge Segment 1	12	14-Dec-24	30-Dec-24	0%	279				
	Segment 1 - Dismantle Temp Tower, Connection, Installation (Below Deck Level)		1	19-Dec-24	19-Dec-24		53				
	11286-CON-14923	Final Connection of ABWF / E&M Works below deck level for Footbridge Segment 1	1	19-Dec-24	19-Dec-24	0%	53				
	Segment 2		85	06-Dec-24	21-Mar-25		222				
	Segment 2 - Lifting, Connection, Installation (Floor & Below Deck Level)		39	06-Dec-24	23-Jan-25		214				
	11286-CON-24920	Erection of Segment 2 (Full Truss) (L=13.6m) (Overnight Lifting) (1NTH)	1	06-Dec-24	06-Dec-24	0%	7				
	11286-CON-24922	Connection of ABWF / E&M Works below deck level for Footbridge Segment 2	14	07-Dec-24	23-Dec-24	0%	23				
	11286-CON-24940	Footbridge (Segment 2) - Bridge Alignment, Full Welding Connections & NDT (Day-Time)	16	07-Dec-24	27-Dec-24	0%	7				
	11286-CON-24941	Footbridge (Segment 2) - FRP Touch Up for connection (Day-Time)	12	28-Dec-24	11-Jan-25	0%	7				
	11286-CON-24961	Install E&M drainage pipework (Low Zone) at left out portion for Footbridge Segment 2	10	24-Dec-24	07-Jan-25	0%	23				
	11286-CON-25040	ABWF Works (Floor Level) - Install Metal Balustrate for Footbridge Segment 2	14	28-Dec-24	14-Jan-25	0%	222				
	11286-CON-25041	ABWF Works (Floor Level) - Install Sub Frame Support for Rain Water Catch Pit for Footbridge Segment 2	14	08-Jan-25	23-Jan-25	0%	23				
	Segment 2 - Erection of Scaffold, Connection, Installation (Roof & Ceiling Level)		84	07-Dec-24	21-Mar-25		222				

Milestone

Overall Summary Bar

Sub-Summary Bar

Critical Bar

Non-Critical Bar

Actual Work

Primary Baseline

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(12 of 26)

Date

29-Feb-24

Revision

MTR 11286 Revised Programme for Accept...

Checked

AK

Approved

AY

Activity ID	Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024				
							Feb	Mar	Apr	May	
							9	10	11	12	
	11286-CON-24989	Erection of Scaffolding for High Zone Installation for Footbridge Segment 2	7	07-Dec-24	14-Dec-24	0%	74				
	11286-CON-24990	ABWF Works (Roof Level) - Install Fall Arrest System for Footbridge Segment 2	10	15-Jan-25	25-Jan-25	0%	222				
	11286-CON-24991	ABWF Works (Roof Level) - Install Roof Cladding for Footbridge Segment 2	10	27-Jan-25	10-Feb-25	0%	222				
	11286-CON-24992	ABWF Works (Roof Level) - Install Cladding and Water Gutter for Footbridge Segment 2	28	11-Feb-25	14-Mar-25	0%	222				
	11286-CON-24993	E&M Works (Roof Level) Install Copper Tape For Footbridge Segment 2	6	15-Mar-25	21-Mar-25	0%	222				
	11286-CON-25001	E&M Works (Ceiling Level) - FS Installation for Footbridge Segment 2	8	18-Jan-25	27-Jan-25	0%	74				
	11286-CON-25002	E&M Works (Ceiling Level) - P&D Installation for Footbridge Segment 2	6	28-Jan-25	06-Feb-25	0%	74				
	11286-CON-25003	E&M Works (Ceiling Level) - ELE Installation for Footbridge Segment 2	14	07-Feb-25	22-Feb-25	0%	74				
	11286-CON-25004	Install E&M Composite Hanger (Ceiling Level Stage 2) for Footbridge Segment 2	20	23-Dec-24	17-Jan-25	0%	74				
	11286-CON-25020	ABWF Works (Ceiling Level) - Install Ceiling Sub-Frame Frame for Footbridge Segment 2	6	16-Dec-24	21-Dec-24	0%	74				
	11286-CON-25030	ABWF Works (Ceiling Level) - Install Rain Shelter for Footbridge Segment 2	12	23-Dec-24	08-Jan-25	0%	272				
	Segment 2 - Dismantle Temp Tower, Connection, Installation (Below Deck Level)	1	24-Jan-25	24-Jan-25		23					
	11286-CON-24923	Final Connection of ABWF / E&M Works below deck level for Footbridge Segment 2	1	24-Jan-25	24-Jan-25	0%	23				
	Footbridge - Deck Frame Structure (Segment 5-10 & 11)	367	28-May-24	20-Aug-25		228					
	Segment 5 and 6	251	28-May-24	28-Mar-25		216					
	Segment 5 & 6 - Before Lifting	62	28-May-24	09-Aug-24		70					
	11286-CON-54900	On-site Prefabrication & Assembly Bottom Frame (installation) for Footbridge Segment 5 & 6	14	28-May-24	13-Jun-24	0%	70				
	11286-CON-54901	On-site Prefabrication & Assembly Bottom Frame (welding and testing) for Footbridge Segment 5 & 6	12	14-Jun-24	27-Jun-24	0%	70				
	11286-CON-54902	On-site Prefabrication & Assembly Bottom Frame (FRP touch up) for Footbridge Segment 5 & 6	8	28-Jun-24	08-Jul-24	0%	70				
	11286-CON-54903	Install E&M Composite Hanger and drainage pipework (Low Zone) for Footbridge Segment 5 & 6	28	09-Jul-24	09-Aug-24	0%	70				
	11286-CON-54904	Install ABWF Cladding (Low Zone) for Footbridge Segment 5 & 6	28	29-Jun-24	02-Aug-24	0%	70				
	11286-CON-54905	Install Copper Tape (Low Zone) for Footbridge Segment 5 & 6	3	02-Aug-24	05-Aug-24	0%	70				
	11286-CON-54950	Footbridge (Segment 5 & 6) - Install Metal Bondek at Floor & Roof Level (Day-Time)	7	09-Jul-24	16-Jul-24	0%	87				
	Segment 5 & 6 - Lifting, Connection, Installation (Floor & Below Deck Level)	68	23-Aug-24	13-Nov-24		87					
	11286-CON-54920	Erection of Segment 5 & 6 (Bottom Frame) (L=12m) (Daytime Lifting)	1	23-Aug-24	23-Aug-24	0%	55				
	11286-CON-54922	Connection of ABWF / E&M Works below deck level for Footbridge Segment 5 & 6	2	24-Aug-24	26-Aug-24	0%	131				
	11286-CON-54923	Erection of Segment 5 & 6 (Side and top members) (L=12m) (Daytime Lifting)	24	24-Aug-24	21-Sep-24	0%	55				
	11286-CON-54924	Footbridge (Segment 5 & 6) - Bridge Alighment, Full Welding Connections & NDT at side and top (L=12m) (Daytime Lifting)	25	23-Sep-24	23-Oct-24	0%	55				
	11286-CON-54925	Footbridge (Segment 5 & 6) - FRP Touch Up for connection at side and top (Day-Time)	18	24-Oct-24	13-Nov-24	0%	55				
	11286-CON-54961	Install E&M drainage pipework (Low Zone) at left out portion for Footbridge Segment 5 & 6	2	27-Aug-24	28-Aug-24	0%	131				
	11286-CON-55040	ABWF Works (Floor Level) - Install Metal Balustrate for Footbridge Segment 5 & 6	14	24-Oct-24	08-Nov-24	0%	91				
	11286-CON-55041	ABWF Works (Floor Level) - Install Sub Frame Support for Rain Water Catch Pit for Footbridge Segment 5 & 6	7	29-Aug-24	05-Sep-24	0%	131				
	Segment 5 & 6 - Erection of Scaffold, Connection, Installation (Roof & Ceiling Level)	110	14-Nov-24	28-Mar-25		216					
	11286-CON-54989	Erection of Scaffolding for High Zone Installation for Footbridge Segment 5 & 6	14	14-Nov-24	29-Nov-24	0%	87				
	11286-CON-54990	ABWF Works (Roof Level) - Install Fall Arrest System for Footbridge Segment 5 & 6	20	30-Nov-24	23-Dec-24	0%	216				
	11286-CON-54991	ABWF Works (Roof Level) - Install Roof Cladding for Footbridge Segment 5 & 6	42	24-Dec-24	17-Feb-25	0%	216				
	11286-CON-54992	ABWF Works (Roof Level) - Install Cladding and Water Gutter for Footbridge Segment 5 & 6	28	18-Feb-25	21-Mar-25	0%	216				
	11286-CON-54993	E&M Works (Roof Level) Install Copper Tape For Footbridge Segment 5 & 6	6	22-Mar-25	28-Mar-25	0%	216				
	11286-CON-55001	E&M Works (Ceiling Level) - FS Installation for Footbridge Segment 5 & 6	8	03-Jan-25	11-Jan-25	0%	87				
	11286-CON-55002	E&M Works (Ceiling Level) - P&D Installation for Footbridge Segment 5 & 6	6	13-Jan-25	18-Jan-25	0%	87				
	11286-CON-55003	E&M Works (Ceiling Level) - ELE Installation for Footbridge Segment 5 & 6	14	20-Jan-25	07-Feb-25	0%	87				
	11286-CON-55004	Install E&M Composite Hanger for ELE (Ceiling Level) for Footbridge Segment 5 & 6	20	07-Dec-24	02-Jan-25	0%	87				
	11286-CON-55020	ABWF Works (Ceiling Level) - Install Ceiling Sub-Frame for Lighting for Footbridge Segment 5 & 6	6	30-Nov-24	06-Dec-24	0%	87				
	11286-CON-55030	ABWF Works (Ceiling Level) - Install Rain Shelter for Footbridge Segment 5 & 6	12	07-Dec-24	20-Dec-24	0%	285				
	Segment 5 & 6 - Dismantle Temp Tower, Connection, Installation (Below Deck Level)	1	06-Sep-24	06-Sep-24		131					
	11286-CON-54926	Final Connection of ABWF / E&M Works below deck level for Footbridge Segment 5 & 6	1	06-Sep-24	06-Sep-24	0%	131				
	Segment 7 and 8	247	21-Jun-24	22-Apr-25		200					
	Segment 7 & 8 - Before Lifting	69	21-Jun-24	11-Sep-24		39					
	11286-CON-74900	On-site Prefabrication & Assembly Bottom Frame (installation) for Footbridge Segment 7 & 8	7	21-Jun-24	28-Jun-24	0%	39				
	11286-CON-74901	On-site Prefabrication & Assembly Bottom Frame (welding and testing) for Footbridge Segment 7 & 8	6	29-Jun-24	06-Jul-24	0%	39				
	11286-CON-74902	On-site Prefabrication & Assembly Bottom Frame (FRP touch up) for Footbridge Segment 7 & 8	4	08-Jul-24	12-Jul-24	0%	39				
	11286-CON-74903	Install E&M Composite Hanger and drainage pipework (Low Zone) for Footbridge Segment 7 & 8	28	12-Jul-24	14-Aug-24	0%	39				
	11286-CON-74904	Install ABWF Cladding (Low Zone) for Footbridge Segment 7 & 8	28	06-Aug-24	07-Sep-24	0%	39				
	11286-CON-74905	Install Copper Tape (Low Zone) for Footbridge Segment 7 & 8	3	07-Sep-24	11-Sep-24	0%	39				
	11286-CON-74950	Footbridge (Segment 7 & 8) - Install Metal Bondek at Floor & Roof Level (Day-Time)	7	12-Jul-24	20-Jul-24	0%	84				
	Segment 7 & 8 - Lifting, Connection, Installation (Floor & Below Deck Level)	68	11-Sep-24	03-Dec-24		71					
	11286-CON-74920	Erection of Segment 7 & 8 (Bottom Frame) (L=11.4m) (Daytime Lifting)	1	11-Sep-24	12-Sep-24	0%	39				

Milestone

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Activity ID	Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
							Feb	Mar	Apr	May
							9	10	11	12
11286-CON-E4902	On-site Prefabrication & Assembly Bottom Frame (FRP touch up) for Footbridge Segment 11	21	04-Dec-24	30-Dec-24	0%	-24				
Segment 11 - Installation (Floor & Below Deck Level)		73	31-Dec-24	29-Mar-25		-24				
11286-CON-E4903	Install E&M Composite Hanger and drainage pipework (Low Zone) for Footbridge Segment 11	28	09-Jan-25	13-Feb-25	0%	-24				
11286-CON-E4904	Install ABWF Cladding (Low Zone) for Footbridge Segment 11	28	22-Feb-25	26-Mar-25	0%	-24				
11286-CON-E4905	Install Copper Tape (Low Zone) for Footbridge Segment 11	3	27-Mar-25	29-Mar-25	0%	-24				
11286-CON-E4922	Connection of ABWF / E&M Works below deck level for Footbridge Segment 11	2	09-Jan-25	10-Jan-25	0%	25				
11286-CON-E4950	Footbridge (Segment 11) - Install Metal Bondek at Floor & Roof Level (Day-Time)	7	31-Dec-24	08-Jan-25	0%	-24				
11286-CON-E4961	Install E&M drainage pipework (Low Zone) at left out portion for Footbridge Segment 11	2	11-Jan-25	13-Jan-25	0%	31				
11286-CON-E5040	ABWF Works (Floor Level) - Install Metal Balustrate for Footbridge Segment 11	14	31-Dec-24	16-Jan-25	0%	35				
11286-CON-E5041	ABWF Works (Floor Level) - Install Sub Frame Support for Rain Water Catch Pit for Footbridge Segment 11	7	14-Jan-25	21-Jan-25	0%	31				
Segment 11 - Erection of Scaffold, Connection, Installation (Roof & Ceiling Level)		110	31-Mar-25	14-Aug-25		105				
11286-CON-E4989	Erection of Scaffolding for High Zone Installation for Footbridge Segment 11	14	31-Mar-25	16-Apr-25	0%	-24				
11286-CON-E4990	ABWF Works (Roof Level) - Install Fall Arrest System for Footbridge Segment 11	20	17-Apr-25	15-May-25	0%	105				
11286-CON-E4991	ABWF Works (Roof Level) - Install Roof Cladding for Footbridge Segment 11	42	16-May-25	05-Jul-25	0%	105				
11286-CON-E4992	ABWF Works (Roof Level) - Install Cladding and Water Gutter for Footbridge Segment 11	28	07-Jul-25	07-Aug-25	0%	105				
11286-CON-E4993	E&M Works (Roof Level) Install Copper Tape For Footbridge Segment 11	6	08-Aug-25	14-Aug-25	0%	105				
11286-CON-E5001	E&M Works (Ceiling Level) - FS Installation for Footbridge Segment 11	8	23-May-25	02-Jun-25	0%	-24				
11286-CON-E5002	E&M Works (Ceiling Level) - P&D Installation for Footbridge Segment 11	6	03-Jun-25	09-Jun-25	0%	-24				
11286-CON-E5003	E&M Works (Ceiling Level) - ELE Installation for Footbridge Segment 11	14	10-Jun-25	25-Jun-25	0%	-24				
11286-CON-E5004	Install E&M Composite Hanger for ELE (Ceiling Level) for Footbridge Segment 11	20	28-Apr-25	22-May-25	0%	-24				
11286-CON-E5020	ABWF Works (Ceiling Level) - Install Ceiling Sub-Frame Frame for Footbridge Segment 11	6	17-Apr-25	26-Apr-25	0%	-24				
11286-CON-E5030	ABWF Works (Ceiling Level) - Install Rain Shelter for Footbridge Segment 11	12	28-Apr-25	13-May-25	0%	174				
Segment 11 - Dismantle Temp Tower, Connection, Installation (Below Deck Level)		1	11-Jan-25	11-Jan-25		25				
11286-CON-X4926	Final Connection of ABWF / E&M Works below deck level for Footbridge Segment 11	1	11-Jan-25	11-Jan-25	0%	25				
Segment 1 - 11		176	15-Jan-25	20-Aug-25		228				
Before Concreting		14	15-Jan-25	03-Feb-25		5				
11286-CON-34955	Footbridge (Segment 1 - 11) - Load on Permanent Support	14	15-Jan-25	03-Feb-25	0%	5				
Concreting		17	04-Feb-25	22-Feb-25		5				
11286-CON-14960	Footbridge (Segment 1) - Construct 300 Thk Floor Slab	2	21-Feb-25	22-Feb-25	0%	5				
11286-CON-24960	Footbridge (Segment 2) - Construct 300 Thk Floor Slab	2	19-Feb-25	20-Feb-25	0%	5				
11286-CON-34960	Footbridge (Segment 3) - Construct 300 Thk Floor Slab	2	17-Feb-25	18-Feb-25	0%	5				
11286-CON-44960	Footbridge (Segment 4) - Construct 300 Thk Floor Slab	2	14-Feb-25	15-Feb-25	0%	5				
11286-CON-54960	Footbridge (Segment 5) - Construct 300 Thk Floor Slab	1	13-Feb-25	13-Feb-25	0%	5				
11286-CON-64960	Footbridge (Segment 6) - Construct 300 Thk Floor Slab	1	12-Feb-25	12-Feb-25	0%	5				
11286-CON-74960	Footbridge (Segment 7) - Construct 300 Thk Floor Slab	1	04-Feb-25	04-Feb-25	0%	5				
11286-CON-84960	Footbridge (Segment 8) - Construct 300 Thk Floor Slab	1	05-Feb-25	05-Feb-25	0%	5				
11286-CON-94960	Footbridge (Segment 9) - Construct 300 Thk Floor Slab	1	06-Feb-25	06-Feb-25	0%	5				
11286-CON-A4960	Footbridge (Segment 1-11) - Completion of Construct 300 Thk Floor Slab	0		22-Feb-25	0%	5				
11286-CON-E4960	Footbridge (Segment 11) - Construct 300 Thk Floor Slab	3	08-Feb-25	11-Feb-25	0%	5				
11286-CON-X4960	Footbridge (Segment 10) - Construct 300 Thk Floor Slab	1	07-Feb-25	07-Feb-25	0%	5				
After Concreting		145	24-Feb-25	20-Aug-25		228				
11286-CON-34962	Install ABWF Cladding (Low Zone) at left out portion	14	24-Feb-25	11-Mar-25	0%	359				
11286-CON-34963	E&M Works (Low Zone)- Install and Connect Copper Tape	5	15-Aug-25	20-Aug-25	0%	105				
11286-CON-34964	E&M Works (Low Zone)- Dia 200 Drainage Pipe T&C	2	24-Feb-25	25-Feb-25	0%	229				
11286-CON-34966	ABWF Works (Low Zone)- Install Cladding	14	26-Feb-25	13-Mar-25	0%	229				
11286-CON-35000	ABWF Works (Ceiling Level) - Complete Lighting Composite Hanger	14	24-Feb-25	11-Mar-25	0%	60				
11286-CON-35050	ABWF Works (Ceiling Level) - Install Ceiling Finishes / Fitting Works	14	14-May-25	29-May-25	0%	174				
11286-CON-35051	E&M Works (Ceiling Level) - ELE Lighting Installation and Termination	14	26-Jun-25	12-Jul-25	0%	-24				
11286-CON-35052	E&M Works (Ceiling Level) - Comms Installation	7	26-Jun-25	04-Jul-25	0%	145				
11286-CON-35070	ABWF Works (Floor Level) - Install Floor Screeding	7	12-Mar-25	19-Mar-25	0%	5				
11286-CON-35071	ABWF Works (Floor Level) - Install FS Cabinet (Total 4 nos)	5	24-Feb-25	28-Feb-25	0%	26				
11286-CON-35072	E&M Works (Floor Level) - Install Hose Reel and Connect to FS Pipe (Total 4 nos)	14	01-Mar-25	17-Mar-25	0%	26				
11286-CON-35073	E&M Works (Floor Level) - Install Water Tape and Connect Water Pipe (Total 1 no)	2	18-Mar-25	19-Mar-25	0%	26				
11286-CON-35074	E&M Works (Ceiling Level) - Extend Conducts for Comms System	7	12-Mar-25	19-Mar-25	0%	222				
11286-CON-35075	E&M Works (Floor Level) - Final Connection for Floor Drain	7	15-Apr-25	25-Apr-25	0%	5				
11286-CON-35080	ABWF Works (Floor Level) - Install Floor Finishes	21	20-Mar-25	14-Apr-25	0%	5				
11286-CON-35081	ABWF Works (Floor Level) - Install Planter Box	7	26-Apr-25	06-May-25	0%	194				
11286-CON-35082	ABWF Works (Floor Level) - Install Stainless Steel Box and Rain Water Catch Pit	14	24-Feb-25	11-Mar-25	0%	5				

◆ Milestone

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(DD: 29 Feb 2024)

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Activity ID	Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
							Feb 9	Mar 10	Apr 11	May 12
Dismantle Temporary Tower		120	24-Feb-25	22-Jul-25		50				
11286-CON-14965	Footbridge (Segment 2 & 3) - Dismantle Temporary Tower	12	10-Jun-25	23-Jun-25	0%	50				
11286-CON-24965	Footbridge (Segment 1 & 2) - Dismantle Temporary Tower	12	12-May-25	24-May-25	0%	50				
11286-CON-34965	Footbridge (Segment 3 & 4) - Dismantle Temporary Tower	12	26-May-25	09-Jun-25	0%	50				
11286-CON-44965	Footbridge (Segment 4 & 5) - Dismantle Temporary Tower	12	09-Jul-25	22-Jul-25	0%	50				
11286-CON-54965	Footbridge (Segment 5 & 6) - Dismantle Temporary Tower	12	24-Jun-25	08-Jul-25	0%	50				
11286-CON-64965	Footbridge (Segment 6 & 7) - Dismantle Temporary Tower	12	08-Apr-25	24-Apr-25	0%	50				
11286-CON-74965	Footbridge (Segment 7 & 8) - Dismantle Temporary Tower	12	25-Apr-25	10-May-25	0%	50				
11286-CON-84965	Footbridge (Segment 8 & 9) - Dismantle Temporary Tower	12	24-Mar-25	07-Apr-25	0%	50				
11286-CON-94965	Footbridge (Segment 9 & 10) - Dismantle Temporary Tower	12	24-Feb-25	08-Mar-25	0%	50				
11286-CON-E4965	Footbridge (Segment 10 & 11) - Dismantle Temporary Tower	12	10-Mar-25	22-Mar-25	0%	50				
Cost Centre C: APPROACH LOBBY at CONCOURSE LEVEL of SUW Station		688	23-Jun-23 A	08-Jan-26		13				
Archeological Relics Items		6	03-Jul-23 A	05-Mar-24		112				
11286-MOB-05650	Relocate/Maintain Existing Container within Site Works Area and Provide temporary power / lighting	6	03-Jul-23 A	05-Mar-24	0%	112				
Site Clearance & Mobilization & Establishment		714	23-Jun-23 A	15-Nov-25		57				
11286-MOB-05660	Mobilisation of Plant and Site Establishment	24	23-Jun-23 A	30-Dec-23 A	100%					
11286-MOB-05670	Construct Hoarding at SUW Station (No use)	14	31-Dec-23 A	31-Dec-23 A	100%					
11286-MOB-05680	Install Instrumentation Monitoring and BaseLine Reading	14	08-Aug-23 A	25-Oct-23 A	100%					
11286-MOB-05690	Instrumentation Monitoring (AL, Aug-23)	21	08-Aug-23 A	31-Aug-23 A	100%					
11286-MOB-05690a	Instrumentation Monitoring (AL, Sep-23)	25	01-Sep-23 A	30-Sep-23 A	100%					
11286-MOB-05690b	Instrumentation Monitoring (AL, Oct-23)	24	01-Oct-23 A	31-Oct-23 A	100%					
11286-MOB-05690c	Instrumentation Monitoring (AL, Nov-23)	26	01-Nov-23 A	30-Nov-23 A	100%					
11286-MOB-05690d	Instrumentation Monitoring (AL, Dec-23)	24	01-Dec-23 A	30-Dec-23 A	100%					
11286-MOB-05690e	Instrumentation Monitoring (AL, Jan-24)	26	02-Jan-24 A	31-Jan-24 A	100%					
11286-MOB-05690f	Instrumentation Monitoring (AL, Feb-24)	22	01-Feb-24 A	29-Feb-24 A	100%					
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-05695	Modification & Divert Existing Hoardings FP2 and UU (Cycle 2) (hoarding erection and diversion)	25	20-Jul-23 A	12-Mar-24	100%	-40				
11286-MOB-05700	Modification & Divert Existing Hoardings FP2 and UU (Cycle 1) (covered walkway diversion)	16	08-Jan-24 A	01-Mar-24	0%	-31				
Approach Lobby - Foundation / Piling Works		201	22-Aug-23 A	01-Jun-24		-38				
G.I. / Pre-drilling Works		112	25-Aug-23 A	13-Mar-24		-41				
11286-CON-05710	Predrilling / G.I. Works at Pier 1 and Lobby (9 nos) (3d/hole/rig) (Allow 2-rigs)	14	25-Aug-23 A	15-Sep-23 A	100%					
11286-CON-05711	Grout Curtain next to existing pipe piles (11 nos) (1d/hole/rig) + 3days grouting	14	27-Feb-24 A	13-Mar-24	0%	-41				
11286-CON-05712	Remeasurement - Ground Investigation at PC1 (PD1 to PD9)	1	14-Sep-23 A	15-Sep-23 A	100%					
Piling Works (Socket H-Piles) (32-nos)		99	09-Dec-23 A	17-May-24		-34				
11286-CON-05700	Mobilization of piling rigs	7	09-Dec-23 A	30-Dec-23 A	100%					
11286-CON-05730	Construct Socket H-Piles (5nos) (Ave depth=33m) (3d/pile/rig) (Cycle 1a)	15	11-Dec-23 A	29-Feb-24 A	100%					
11286-CON-05731	Construct Socket H-Piles (5nos)(2d/pile/rig)(Cycle 1a - Drilling to founding level)	10	11-Dec-23 A	27-Feb-24 A	100%					

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							Feb	Mar	Apr	May	
							9	10	11	12	
	11286-CON-05970	ConstructAbutment Wall @ Lobby (Cycle 1)	25	07-Oct-24	05-Nov-24	0%	-42				
	11286-CON-05990	ConstructAbutment Wall @ Lobby (Cycle 2)	25	06-Nov-24	04-Dec-24	0%	-42				
	11286-CON-06000	Construct Walls at Lobby (4-bays) (6d/bay) (4-workfront)	12	24-Oct-24	06-Nov-24	0%	-42				
	11286-CON-06010	Construct Walls at Lobby & Adit (4-bays) (6d/bay) (4-workfront)	12	07-Nov-24	20-Nov-24	0%	-42				
	11286-CON-06020	Construct Walls at Lobby & Adit (3-bays) (6d/bay) (3-workfront)	12	21-Nov-24	04-Dec-24	0%	-42				
	11286-CON-06030	Construct Stair (From Concourse to Roof Lvl) (2-bays) (10d/flight) (2-workfront)	10	05-Dec-24	16-Dec-24	0%	-36				
	11286-CON-06040	Construct Stair (From Concourse to Roof Lvl) (1-bay) (10d/flight) (1-workfront)	10	17-Dec-24	30-Dec-24	0%	-36				
	11286-CON-06050	Construct Roof Slab at ADIT Area (1-bay) (12d/bay) (1-workfront)	12	05-Dec-24	18-Dec-24	0%	-42				
	11286-CON-06060	Construct Roof Slab at Concourse Area (2-bays) (12d/bay) (1-workfront)	24	19-Dec-24	18-Jan-25	0%	-42				
	11286-CON-06070	Apply roof waterproofing at roof level (+2.700mPD) & Backfill	24	20-Jan-25	19-Feb-25	0%	-24				
	Construct RC Concrete @ Roof to Ground Level (+2.700 to +6.950 / +8.200mPD)		32	31-Dec-24	10-Feb-25		-36				
	11286-CON-06080	Construct Walls at Lobby (4-bays) (6d/bay) (2-workfront)	12	31-Dec-24	14-Jan-25	0%	-36				
	11286-CON-06090	Construct Stair at Lobby (2-bays) (10d/flight) (2-workfront)	20	15-Jan-25	10-Feb-25	0%	-36				
	Construct RC Concrete @ Ground to Bridge Deck Level (+6.950 to +13.112mPD)		72	05-Dec-24	05-Mar-25		-36				
	11286-CON-06100	Construct Pilecaps @ Lvl +4.600mPD, After Abutment Wall Complete (1-workfront)	28	05-Dec-24	09-Jan-25	0%	-24				
	11286-CON-06110	Construct Walls at Lobby (4-bays) (6d/bay) (2-workfront)	12	15-Jan-25	28-Jan-25	0%	-28				
	11286-CON-06130	Construct Stair at Lobby (2-bays) (10d/flight) (2-workfront)	10	11-Feb-25	21-Feb-25	0%	-36				
	11286-CON-06150	Construct Stair at Lobby (1-bay) (10d/flight) (1-workfront)	10	22-Feb-25	05-Mar-25	0%	-36				
	Removal of Struts at Concourse Lvl (S1 to S4)		42	06-Feb-25	26-Mar-25		19				
	11286-CON-06120	Removal of Struts at Lobby & Adit S1 & S2 (2-Layers) (6d/layer) (1-workfront)	12	06-Feb-25	19-Feb-25	0%	-42				
	11286-CON-06140	Removal of Struts at Lobby & Adit S3 & S4 (2-Layers) (6d/layer) (1-workfront)	12	20-Feb-25	05-Mar-25	0%	-42				
	11286-CON-06160	Concrete In-Fill to holes opening at walls, waterproofing & install flood protection	6	06-Mar-25	12-Mar-25	0%	-42				
	11286-CON-06170	All Concrete Works Complete @ Approach Lobby and ready for steelworks erection	0		12-Mar-25	0%	-42				
	11286-CON-06180	Move-In Lift & Escalator Equipments inside the Lobby, After removal of Struts S1 to S4	12	13-Mar-25	26-Mar-25	0%	19				
	Approach Lobby - Structural Steelworks		49	13-Mar-25	15-May-25		-23				
	Erection of Steel Frame @ Ground Lvl to Bridge Roof Level (+7.000 to +17.600mPD)		49	13-Mar-25	15-May-25		-23				
	11286-CON-06190	Erect Steelworks @ GL C2-C5 / X1-X2 (From G/F to Bridge Deck Level)	16	13-Mar-25	31-Mar-25	0%	-42				
	11286-CON-06200	Erect Steelworks @ GL C3-P1 / X1-X2 (From Bridge Deck to Bridge Deck Roof Level)	21	01-Apr-25	29-Apr-25	0%	-42				
	11286-CON-06210	Install metal cat-ladders (2-nos)	12	30-Apr-25	15-May-25	0%	-23				
	Approach Lobby - External Claddings (Roof & Walls)		35	30-Apr-25	12-Jun-25		-42				
	11286-CON-06220	Waterproofing works, gutter installation and drainage system to roof (Deg 1)	12	30-Apr-25	15-May-25	0%	-42				
	11286-CON-06230	Install Rockwool with standing seam system installation (Deg 1)	6	16-May-25	22-May-25	0%	-42				
	11286-CON-06240	Install Fall arrest system installation (Deg 1)	6	17-May-25	23-May-25	0%	-42				
	11286-CON-06250	Install external aluminium roof cladding (Deg 2)	12	24-May-25	07-Jun-25	0%	-42				
	11286-CON-06260	Install external glazing panel to wall (Deg 2)	16	24-May-25	12-Jun-25	0%	-42				
	11286-CON-06270	Aluminium Cladding & Extrusion installation to lift shaft (Deg 2)	12	24-May-25	07-Jun-25	0%	-42				
	11286-CON-06280	Install external aluminium cladding & louvre to Entrance Façade (Deg 2)	11	24-May-25	06-Jun-25	0%	-41				
	11286-CON-06290	Approach Lobby Complete Weathertigh & ready for ABWF / E&M Works	0		07-Jun-25	0%	-42				
	Approach Lobby - External Works and Reinstatement Works		154	20-Feb-25	27-Aug-25		99				
	11286-CON-06300	Construct (7.8m x 4.2m) U/G Manhole (1-no), After RC wall complete (Cycle 1)	28	20-Feb-25	24-Mar-25	0%	98				
	11286-CON-06310	Construct (7.8m x 4.2m) U/G Manhole (1-no) (Cycle 2)	17	25-Mar-25	14-Apr-25	0%	98				
	11286-CON-06320	Construct External Storm Manholes (5-nos)	25	15-Apr-25	19-May-25	0%	98				
	11286-CON-06330	Install U/G drainage/sewage pipeworks connections to Lobby & backfill	28	20-May-25	21-Jun-25	0%	98				
	11286-CON-06340	Reinstatement Works at lobby (Cycle 1)	28	23-Jun-25	25-Jul-25	0%	99				
	11286-CON-06350	Reinstatement Works at lobby (Cycle 2)	28	26-Jul-25	27-Aug-25	0%	99				
	Approach Lobby - ABWF Works		177	09-Jun-25	08-Jan-26		-10				
	Approach Lobby /Elect Equipt Room - ABWF Works		100	09-Jun-25	04-Oct-25		67				
	11286-CON-06370	Elect Equipt Room - ABWF (Blockworks, Door frame & Plastering Works) (Deg 1)	12	09-Jun-25	21-Jun-25	0%	-42				
	11286-CON-06380	Elect Equipt Room - Floor waterproofing (Deg 1)	13	23-Jun-25	08-Jul-25	0%	-42				
	11286-CON-06390	Elect Equipt Room - Floor Screeding (Deg 1)	6	09-Jul-25	15-Jul-25	0%	-42				
	11286-CON-06400	Elect Equipt Room - Ceiling & Wall Painting (Deg 2)	10	19-Sep-25	30-Sep-25	0%	67				
	11286-CON-06410	Elect Equipt Room - Install Door Panels (Deg 3)	3	02-Oct-25	04-Oct-25	0%	67				
	Approach Lobby / Concourse Level - ABWF Works		125	09-Jun-25	05-Nov-25		42				
	11286-CON-06420	Concourse Level - Ceiling support frame installation (Deg 1)	12	09-Jun-25	21-Jun-25	0%	-42				
	11286-CON-06430	Concourse Level - Ceiling sub-frame installation (Deg 1)	12	23-Jun-25	07-Jul-25	0%	-42				
	11286-CON-06440	Concourse Level - Floor screeding (Deg 1)	14	08-Jul-25	23-Jul-25	0%	-11				
	11286-CON-06450	Concourse Level - Wall plastering (Deg 1)	14	24-Jul-25	08-Aug-25	0%	-11				

Milestone

Overall Summary Bar

Sub-Summary Bar

Critical Bar

Non-Critical Bar

Actual Work

Primary Baseline

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(18 of 26)

Date	Revision	Checked	Approved
29-Feb-24	MTR 11286 Revised Programme for Acce pt...	AK	AY

Activity ID	Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024				
							Feb 9	Mar 10	Apr 11	May 12	
	11286-CON-06460	Concourse Level - Ceiling Panel / Finishes installation (Deg 2)	12	15-Sep-25	27-Sep-25	0%	-42				
	11286-CON-06470	Concourse Level - Wall finishes installation (Mosaic Tiles / Alum Claddings) (Deg 2)	12	29-Sep-25	14-Oct-25	0%	-42				
	11286-CON-06480	Concourse Level - Floor finishes installation (Deg 2)	12	15-Oct-25	28-Oct-25	0%	-42				
	11286-CON-06490	Concourse Level - Door panel installation (Deg 3)	6	30-Oct-25	05-Nov-25	0%	42				
	11286-CON-06500	Concourse Level - Fixtures & Fitting works (Deg 3)	6	30-Oct-25	05-Nov-25	0%	42				
	11286-CON-06510	Concourse Level - Signage works (Deg 3)	6	30-Oct-25	05-Nov-25	0%	-42				
	Approach Lobby / Staircase - ABWF Works		177	09-Jun-25	08-Jan-26		-10				
	11286-CON-06520	Approach Lobby / Staircase - Waterproofing & protective screeding to escalator pit (Deg 1)	14	09-Jun-25	24-Jun-25	0%	-42				
	11286-CON-06530	Approach Lobby / Staircase - Painting works to lift shaft (Deg 2)	6	25-Jun-25	02-Jul-25	0%	-42				
	11286-CON-06540	Approach Lobby / Staircase - Ceiling support frame installation (Deg 1)	16	13-Jun-25	02-Jul-25	0%	-42				
	11286-CON-06550	Approach Lobby / Staircase - Ceiling sub-frame installation (Deg 1)	18	21-Jun-25	12-Jul-25	0%	-42				
	11286-CON-06560	Approach Lobby / Staircase - Install Post for Handrail (Deg 1)	7	05-Jul-25	12-Jul-25	0%	-42				
	11286-CON-06570	Approach Lobby / Staircase - Floor screeding (Deg 1)	14	14-Jul-25	29-Jul-25	0%	-42				
	11286-CON-06580	Approach Lobby / Staircase - Wall plastering, Then give access to E&M Escalator (Deg 1)	12	25-Jul-25	07-Aug-25	0%	-42				
	11286-CON-06590	Approach Lobby / Staircase - Ceiling Panel / Finishes installation (Deg 2)	12	17-Oct-25	31-Oct-25	0%	-10				
	11286-CON-06600	Approach Lobby / Staircase - Wall finish installation (Mosaic Tiles / Alum Claddings) (Deg 2)	24	01-Nov-25	28-Nov-25	0%	-10				
	11286-CON-06610	Approach Lobby / Staircase - Floor finishes installation (Deg 2)	20	29-Nov-25	22-Dec-25	0%	-10				
	11286-CON-06620	Approach Lobby / Staircase - Door panel installation (Deg 3)	12	23-Dec-25	08-Jan-26	0%	-10				
	11286-CON-06630	Approach Lobby / Staircase - Fixtures & Fitting works (Deg 3)	12	23-Dec-25	08-Jan-26	0%	-10				
	11286-CON-06640	Approach Lobby / Staircase - Handrail Installation (Deg 3)	12	23-Dec-25	08-Jan-26	0%	-10				
	11286-CON-06650	Approach Lobby / Staircase - Signage works (Deg 3)	12	23-Dec-25	08-Jan-26	0%	-10				
	Cost Centre D: Entrance C at Pak Tai Street		652	23-Jun-23 A	22-Nov-25		146				
	Site Clearance & Mobilization & Establishment		720	26-Jun-23 A	22-Nov-25		51				
	11286-MOB-07340	Implement TTMS Entrance C at Pak Tai Street	7	26-Jun-23 A	25-Jul-23 A	100%					
	11286-MOB-07350	Mobilisation of Plant and Site Establishment	14	26-Jul-23 A	31-Aug-23 A	100%					
	11286-MOB-07360	Install Instrumentation	14	20-Jul-23 A	25-Oct-23 A	100%					
	11286-MOB-07370	Instrumentation Monitoring (EntC, Sep-23)	7	22-Sep-23 A	30-Sep-23 A	100%					
	11286-MOB-07370a	Instrumentation Monitoring (EntC, Oct-23)	24	01-Oct-23 A	31-Oct-23 A	100%					
	11286-MOB-07370b	Instrumentation Monitoring (EntC, Nov-23)	26	01-Nov-23 A	30-Nov-23 A	100%					
	11286-MOB-07370c	Instrumentation Monitoring (EntC, Dec-23)	24	01-Dec-23 A	30-Dec-23 A	100%					
	11286-MOB-07370d	Instrumentation Monitoring (EntC, Jan-24)	26	02-Jan-24 A	31-Jan-24 A	100%					
	11286-MOB-07370e	Instrumentation Monitoring (EntC, Feb-24)	22	01-Feb-24 A	29-Feb-24 A	100%					
	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					
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-07380	Construct Hoarding at Pak Tai Street	14	30-Oct-23 A	29-Dec-23 A	100%						
Entrance C - Utilities Diversion		239	23-Jun-23 A	12-Apr-24		631					
Utilities Diversion & Removal Underground Structure		239	23-Jun-23 A	12-Apr-24		631					
11286-MOB-07390	Minor UU diversion at Pak Tai Street - Stage 1a (Gas Main)	28	22-Sep-23 A	18-Oct-23 A	100%						

Milestone

Overall Summary Bar

Sub-Summary Bar

Critical Bar

Non-Critical Bar

Actual Work

Primary Baseline

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(19 of 26)

Date

29-Feb-24

Revision

MTR 11286 Revised Programme for Accept...

Checked

AK

Approved

AY

Activity ID	Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024					
							Feb 9	Mar 10	Apr 11	May 12		
	11286-MOB-07400	Street lamp posts relocation at Pak Tai Street	28	01-Mar-24	06-Apr-24	0%	636		Street lamp posts relocation at Pak Tai Street			
	11286-MOB-07410	Demolish existing concrete footing at Pak Tai Street (Cycle 1) - for sheet piling (33%)	9	22-Sep-23 A	30-Dec-23 A	100%						
	11286-MOB-07411	Demolish existing concrete footing at Pak Tai Street (Cycle 1) - for sheet piling (66%)	9	02-Jan-24 A	08-Feb-24 A	100%						
	11286-MOB-07412	Demolish existing concrete footing at Pak Tai Street (Cycle 1) - for sheet piling (100%)	15	09-Feb-24 A	06-Mar-24	0%	-32					
	11286-MOB-07415	WSD Rehabilitation Works of Saltwater Mains at Pak Tai Street (8-Jan-24 to 29-Feb-24)	43	08-Jan-24 A	29-Feb-24 A	100%						
	11286-MOB-07420	Minor UU diversion at Park Tai Street - Stage 2 (Telecommunication)	28	23-Jun-23 A	08-Nov-23 A	100%						
	11286-MOB-07430	Demolish existing concrete footing at Pak Tai Street, (Hard= 585m3) (3.5m3/rotator/d)(Cycle 2) - for	14	07-Mar-24	22-Mar-24	0%	44					
	11286-MOB-07431	Demolish existing concrete footing at Pak Tai Street, (Hard= 585m3) (3.5m3/rotator/d)(Cycle 2) - for	14	23-Mar-24	12-Apr-24	0%	44					
Entrance C - Foundation & Substructure			183	08-Aug-23 A	05-Sep-24		-32					
G.I. / Pre-drilling Works			14	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	14	08-Aug-23 A	29-Sep-23 A	100%						
	11286-CON-07441	CE-2 Revised Predrill - Additional 1 no. of Predrill in Pak Tai Street	6	16-Sep-23 A	22-Sep-23 A	100%						
	11286-CON-07442	Remeasurement - Ground Investigation at PC4 (PD18 to PD22)	1	21-Sep-23 A	22-Sep-23 A	100%						
Piling Works (Socket H-Piles)			71	23-Mar-24	02-Jul-24		-32					
	11286-CON-07460	Construct Socket H-pile for Entrance C & Pier 4 at Pak Tai Street (4nos) (2d/pile) (Ave depth=56m)	8	23-Mar-24	05-Apr-24	0%	-32					
	11286-CON-07461	Construct Socket H-Piles (4nos)(1.5d/pile/rig)(Cycle 1a - Drilling to founding level)	6	23-Mar-24	02-Apr-24	0%	-24					
	11286-CON-07462	Construct Socket H-pile for Entrance C & Pier 4 at Pak Tai Street (4nos) (2d/pile) (Ave depth=56m)	8	06-Apr-24	15-Apr-24	0%	-32					
	11286-CON-07463	Construct Socket H-Piles (4nos)(1.5d/pile/rig)(Cycle 1b - Drilling to founding level)	6	06-Apr-24	12-Apr-24	0%	-26					
	11286-CON-07465	Construct Socket H-pile for Entrance C & Pier 4 at Pak Tai Street (4nos) (2d/pile) (Ave depth=56m)	8	16-Apr-24	24-Apr-24	0%	-32					
	11286-CON-07466	Construct Socket H-Piles (4nos)(1.5d/pile/rig)(Cycle 2a - Drilling to founding level)	6	16-Apr-24	22-Apr-24	0%	-28					
	11286-CON-07467	Construct Socket H-pile for Entrance C & Pier 4 at Pak Tai Street (4nos) (2d/pile) (Ave depth=56m)	8	25-Apr-24	04-May-24	0%	-32					
	11286-CON-07468	Construct Socket H-Piles (4nos)(1.5d/pile/rig)(Cycle 2b - Drilling to founding level)	6	25-Apr-24	02-May-24	0%	-30					
	11286-CON-07470	H-pile load test at Pak Tai Street	7	05-Jun-24	11-Jun-24	0%	-43					
	11286-CON-07471	(10 days) for the last pile installation and grouting works (EntC)	10	05-May-24	14-May-24	0%	-43					
	11286-CON-07472	Pile strengthening (allow 28d) (EntC)	28	15-May-24	11-Jun-24	0%	-43					
	11286-CON-07473	Entrance C Socket-H Pile strength report	7	15-May-24	21-May-24	0%	-43					
	11286-CON-07474	Submission of BA14 and Selection of Loading test by BD (EntC)	14	22-May-24	04-Jun-24	0%	-43					
	11286-CON-07475	H-pile load test Report Prepare and Submit	14	12-Jun-24	25-Jun-24	0%	-43					
	11286-CON-07840	BA14 acknowledgement	7	26-Jun-24	02-Jul-24	0%	-43					
Pile Cap			183	08-Jan-24 A	05-Sep-24		-32					
	11286-CON-07449	Preparation Work for Pumping test and Report (EntC)	14	15-May-24	28-May-24	0%	-22					
	11286-CON-07450	Pumping test and Report (EntC)	14	29-May-24	11-Jun-24	0%	-22					
	11286-CON-07480	Construct Sheet Pile wall & Grouting at Pak Tai Street (Total 90mLx16mH) (1.6mLx16mH/day/rig) (Cycle 1a - Drilling to founding level)	14	08-Jan-24 A	20-Jan-24 A	100%						
	11286-CON-07481	Construct Sheet Pile wall & Grouting at Pak Tai Street (Total 90mLx16mH) (1.6mLx16mH/day/rig) (Cycle 1b - Drilling to founding level)	14	22-Jan-24 A	08-Feb-24 A	100%						
	11286-CON-07482	Construct Sheet Pile wall & Grouting at Pak Tai Street (Total 90mLx16mH) (1.6mLx16mH/day/rig) (Cycle 2a - Drilling to founding level)	14	09-Feb-24 A	04-Mar-24	0%	-16					
	11286-CON-07483	Construct Sheet Pile wall & Grouting at Pak Tai Street (Total 90mLx16mH) (1.6mLx16mH/day/rig) (Cycle 2b - Drilling to founding level)	14	07-Mar-24	22-Mar-24	0%	-32					
	11286-CON-07490	Excavation & install Struts at Pak Tai Street (Soft=500m3) (300m3/rig/d) (1-rig)+1 layer Strut, 12d/layers	14	03-Jul-24	18-Jul-24	0%	-35					
	11286-CON-07500	Construct Lift Pit (1-no) @ GL C17 / X4	14	19-Jul-24	03-Aug-24	0%	-35					
	11286-CON-07510	Construct Drainage and Sewage Connection	25	19-Jul-24	16-Aug-24	0%	-18					
	11286-CON-07520	Construct Pile Cap for Abutment Wall (Including Escalator Pit) (14d/bay) (2bays)	28	05-Aug-24	05-Sep-24	0%	-35					
Entrance C - Superstructure (RC Works)			72	06-Sep-24	11-Dec-24		28					
RC Concrete / Abutment Wall for Pier # 4			42	06-Sep-24	02-Nov-24		58					
	11286-CON-07530	Construct Abutment Wall (Ht=7.10m) (2-pour) (12d/pour) for Pier 4	24	06-Sep-24	05-Oct-24	0%	-35					
	11286-CON-07550	Pier 4 - Curing Period (1-month)	28	06-Oct-24	02-Nov-24	0%	-43					
	11286-CON-07551	Install Bearing Plate for P4 + Curing for Grouting	14	06-Oct-24	19-Oct-24	0%	93					
RC Concrete / Entrance C Stairs to Bridge Deck @ (Elev +5.45 to +11.400mPD)			56	07-Oct-24	11-Dec-24		-35					
	11286-CON-07540	Construct RC Walls @ GLC20-C19 / X3-X4 (4-bays) (6d/bay) (2-workfront)	12	07-Oct-24	21-Oct-24	0%	-35					
	11286-CON-07560	Construct RC Walls @ GLC19-C18 / X3-X4 (4-bays) (6d/bay) (2-workfront)	12	22-Oct-24	04-Nov-24	0%	-35					
	11286-CON-07570	Construct RC Walls @ GLC18-C17 / X3-X4 (4-bays) (6d/bay) (2-workfront)	12	05-Nov-24	18-Nov-24	0%	-35					
	11286-CON-07580	Construct Stair @ GLC19-C20 / X3-X4 (2-bays) (10d/flight) (2-workfront)	20	19-Nov-24	11-Dec-24	0%	-35					
	11286-CON-07590	Construct RC stub wall & slab @ Elev +5.29mPD, GLC17-C18 / X3-X4 (1-bay) / (1-workfront)	12	28-Nov-24	11-Dec-24	0%	-35					
Entrance C - Superstructure (Steelworks)			60	12-Dec-24	26-Feb-25		-35					
	11286-CON-07600	Erect Steel frame (Bottom Level) @ GL C17-C19 / X3-X4 (Elev +9.00mPD)	16	12-Dec-24	02-Jan-25	0%	-35					
	11286-CON-07610	Erect Steelworks From G/F to Bridge Deck Roof @ Elev +6.650 to +15.52mPD	24	03-Jan-25	03-Feb-25	0%	-35					
	11286-CON-07620	Install Metal Bondek at Bridge Deck Level	6	04-Feb-25	10-Feb-25	0%	-35					
	11286-CON-07630	Construct 300 Thk Bridgedeck Slab	14	11-Feb-25	26-Feb-25	0%	-35					

Milestone

Overall Summary Bar

Sub-Summary Bar

Critical Bar

Non-Critical Bar

Actual Work

Primary Baseline

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(20 of 26)

Date	Revision	Checked	Approved
29-Feb-24	MTR 11286 Revised Programme for Accept...	AK	AY

Activity ID	Activity Name	Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
							Feb 9	Mar 10	Apr 11	May 12
Entrance C - External Claddings (Roof & Walls)		60	27-Feb-25	14-May-25		-35				
11286-CON-07640	Waterproofing, gutter installation and drainage system to roof (Deg 1)	7	27-Feb-25	06-Mar-25	0%	-35				
11286-CON-07650	Install Rockwool with standing seam system installation (Deg 1)	12	07-Mar-25	20-Mar-25	0%	-35				
11286-CON-07660	Install Fall arrest system installation (Deg 1)	6	21-Mar-25	27-Mar-25	0%	-35				
11286-CON-07670	Install external aluminium roof cladding (Deg 2)	14	28-Mar-25	14-Apr-25	0%	-14				
11286-CON-07680	Install external glazing panel to wall & grouting (Deg 2)	14	28-Mar-25	14-Apr-25	0%	-35				
11286-CON-07690	Aluminium Cladding & Extrusion installation to lift shaft (Deg 2)	14	15-Apr-25	06-May-25	0%	-28				
11286-CON-07700	Install external aluminium cladding & louvre to Entrance Façade (Deg 2)	21	15-Apr-25	14-May-25	0%	-35				
11286-CON-07710	Entrance C - Complete Weathertigh & ready for ABWF / E&M Works	0		14-May-25	0%	-35				
Entrance C - ABWF Works		218	27-Feb-25	20-Nov-25		29				
Entrance C / Lobby Area - ABWF Works		120	27-Feb-25	25-Jul-25		127				
11286-CON-07720	Entrance C / Lobby Lvl - Painting works to Lift Shaft (Deg 2)	6	27-Feb-25	05-Mar-25	0%	37				
11286-CON-07730	Entrance C / Lobby Lvl - Ceiling support frame installation (Deg 1)	8	27-Feb-25	07-Mar-25	0%	-9				
11286-CON-07740	Entrance C / Lobby Lvl - Shutter Support Frame Installation (Deg 1)	8	27-Feb-25	07-Mar-25	0%	-9				
11286-CON-07750	Entrance C / Lobby Lvl - Ceiling sub-frame installation (Deg 1)	10	08-Mar-25	19-Mar-25	0%	-9				
11286-CON-07760	Entrance C / Lobby Lvl - Post for Handrail & Balustrade Installation (Deg 1)	4	20-Mar-25	24-Mar-25	0%	157				
11286-CON-07770	Entrance C / Lobby Lvl - Floor screeding (Deg 1)	6	25-Mar-25	31-Mar-25	0%	157				
11286-CON-07780	Entrance C / Lobby Lvl - Shutters Installation (Deg 1)	7	01-Apr-25	09-Apr-25	0%	157				
11286-CON-07790	Entrance C / Lobby Lvl - Wall plastering (Deg 1)	7	10-Apr-25	17-Apr-25	0%	157				
11286-CON-07800	Entrance C / Lobby Lvl - Ceiling Finishes installation (Deg 2)	12	29-May-25	12-Jun-25	0%	127				
11286-CON-07810	Entrance C / Lobby Lvl - Wall finishes installation (Deg 2)	12	13-Jun-25	26-Jun-25	0%	127				
11286-CON-07820	Entrance C / Lobby Lvl - Floor finishes installation (Deg 2)	12	27-Jun-25	11-Jul-25	0%	127				
11286-CON-07830	Entrance C / Lobby Lvl - Door panel installation (Deg 3)	6	12-Jul-25	18-Jul-25	0%	127				
11286-CON-07850	Entrance C / Lobby Lvl - Fixtures & Fitting works (Deg 3)	6	19-Jul-25	25-Jul-25	0%	127				
11286-CON-07860	Entrance C / Lobby Lvl - Signage works (Deg 3)	6	12-Jul-25	18-Jul-25	0%	133				
Entrance C / Staircase & Bridge Deck - ABWF Works		158	15-May-25	20-Nov-25		29				
11286-CON-07870	Staircase & Bridge Deck Lvl - Waterproofing & protective screeding to escalator pit (Deg 1)	14	15-May-25	30-May-25	0%	-35				
11286-CON-07880	Staircase & Bridge Deck Lvl - Ceiling support frame installation (Deg 1)	18	02-Jun-25	21-Jun-25	0%	-35				
11286-CON-07890	Staircase & Bridge Deck Lvl - Ceiling sub-frame installation (Deg 1)	18	12-Jun-25	03-Jul-25	0%	-35				
11286-CON-07900	Staircase & Bridge Deck Lvl - Install Post for Handrail (Deg 1)	7	25-Jun-25	03-Jul-25	0%	-35				
11286-CON-07910	Staircase & Bridge Deck Lvl - Floor screeding (Deg 1)	18	04-Jul-25	24-Jul-25	0%	-35				
11286-CON-07920	Staircase & Bridge Deck Lvl - Wall plastering & Give access to E&M Escalator (Deg 1)	14	12-Jul-25	28-Jul-25	0%	-35				
11286-CON-07930	Staircase & Bridge Deck Lvl - Ceiling Panel / Finishes installation (Deg 2)	6	05-Sep-25	11-Sep-25	0%	29				
11286-CON-07940	Staircase & Bridge Deck Lvl - Wall finishes installation (Mosaic Tiles / Alum Claddings) (Deg 2)	12	12-Sep-25	25-Sep-25	0%	29				
11286-CON-07950	Staircase & Bridge Deck Lvl - Floor finishes installation (Deg 2)	12	26-Sep-25	11-Oct-25	0%	29				
11286-CON-07960	Staircase & Bridge Deck Lvl - Door panel installation (Deg 3)	12	13-Oct-25	25-Oct-25	0%	38				
11286-CON-07970	Staircase & Bridge Deck Lvl - Handrail Installation (Deg 3)	9	13-Oct-25	22-Oct-25	0%	29				
11286-CON-07980	Staircase & Bridge Deck Lvl - Fixtures & Fitting works, Signage works (Deg 3)	12	27-Oct-25	10-Nov-25	0%	38				
11286-CON-07990	Entrance C - External Drainages, Manholes, Pipeworks Connections & Reinstatement	24	23-Oct-25	20-Nov-25	0%	29				
Cost Centre E: Modification Works at SUW Concourse Level		398	20-May-24	17-Sep-25		204				
Breaktrough to SUW Concourse Level / ADIT Area (NTH)		385	04-Jun-24	17-Sep-25		43				
11286-CON-08448	BA10 Submission for Commencement of Works (A&A)	7	04-Jun-24	12-Jun-24	0%	319				
11286-CON-08450	Obtain Railway Operator approval for breakthrough of the existing station wall	14	04-Jul-24	19-Jul-24	0%	288				
11286-CON-08490	Construct of Hoardings Inside SUW Station & provide protection to MTRC Facilities (NTH)	12	04-Jul-24	17-Jul-24	0%	288				
11286-CON-08500	Breakthrough / Knock-Out Panel in SUW by Saw-Cut Method (Cycle 1)(NTH)	28	19-Dec-24	23-Jan-25	0%	161				
11286-CON-08510	Breakthrough / Knock-Out Panel in SUW by Saw-Cut Method (Cycle 2) & Make good existing wall & floor	22	24-Jan-25	21-Feb-25	0%	161				
11286-CON-08530	Dismantle Temporary Hoardings Inside SUW Station, Cleaning and Handover to Client (NTH)	12	04-Sep-25	17-Sep-25	0%	43				
Modification for ABWF Works		90	22-Feb-25	14-Jun-25		161				
11286-CON-08540	Dismantle installed ceiling panels and disconnect affected E&M utilities	12	22-Feb-25	07-Mar-25	0%	161				
11286-CON-08550	Dismantle ceiling support & sub-frame at affected E&M utilities	12	08-Mar-25	21-Mar-25	0%	161				
11286-CON-08560	ABWF Works - Floor screeding (Deg 1)	8	22-Mar-25	31-Mar-25	0%	161				
11286-CON-08570	ABWF Works - Re-Install ceiling support & sub-frame at ceiling Lvl (Deg 1)	12	01-Apr-25	15-Apr-25	0%	161				
11286-CON-08580	ABWF Works - Re-Install ceiling panels / finishes at ceiling Lvl (Deg 1)	12	16-Apr-25	03-May-25	0%	161				
11286-CON-08590	ABWF Works - Modify wall finishes (Alum Cladding / Mosaic Tiles) (Deg 2)	14	06-May-25	21-May-25	0%	161				
11286-CON-08600	ABWF Works - Modify floor finishes installation (Deg 2)	14	22-May-25	07-Jun-25	0%	161				
11286-CON-08610	ABWF Works - Modify fixtures & fitting works (Deg 3)	6	09-Jun-25	14-Jun-25	0%	161				
11286-CON-08620	ABWF Works - Modify signage works (Deg 3)	6	09-Jun-25	14-Jun-25	0%	161				

Milestone

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(21 of 26)

Date

29-Feb-24

Revision

MTR 11286 Revised Programme for Acce pt...

Checked

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Approved

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Activity ID		Activity Name		Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
									Feb 9	Mar 10	Apr 11	May 12
Approach Lobby - Building Services / E&M Works				125	09-Jun-25	05-Nov-25		29				
Electrical Equipment Rooms - Building Services / E&M Works				62	09-Jul-25	18-Sep-25		67				
Plumbing & Drainage Installation				18	16-Jul-25	05-Aug-25		47				
11286-CON-06670		Elec Equipt Room - (P&D) AC makeup water system		18	16-Jul-25	05-Aug-25	0%	47				
ECS (Environmental Control System) Installation				56	16-Jul-25	18-Sep-25		15				
11286-CON-06660		Elec Equipt Room - (ECS) FC Units, ductworks and pipework (Deg 1)		18	16-Jul-25	05-Aug-25	0%	15				
11286-CON-06680		Elec Equipt Room - (ECS) MCC Panel (Deg 2)		12	22-Aug-25	04-Sep-25	0%	15				
11286-CON-06690		Elec Equipt Room - (ECS) Cabling and equipments (Deg 2)		14	06-Aug-25	21-Aug-25	0%	15				
11286-CON-06700		Elec Equipt Room - (ECS) Termination & connection (Deg 3)		12	05-Sep-25	18-Sep-25	0%	15				
Electrical Installation (From Existing SUW Station to E&M Equipt. Room)				43	16-Jul-25	03-Sep-25		-42				
11286-CON-06710		Elec Equipt Room - (Elect) Electrical cable trunking installation(Deg 1)		13	16-Jul-25	30-Jul-25	0%	-42				
11286-CON-06720		Elec Equipt Room - (Elect) Electrical MCCB & MCB Boards (Deg 1)		16	16-Jul-25	02-Aug-25	0%	-33				
11286-CON-06730		Elec Equipt Room - (Elect) Connect Electrical wiring, termination & test (Deg 2)		12	31-Jul-25	13-Aug-25	0%	-42				
11286-CON-06735		Elec Equipt Room - (Elect) Electrical Internal cabling (Deg 2)		12	14-Aug-25	27-Aug-25	0%	-42				
11286-CON-06740		Elec Equipt Room - (Elect) Electrical lighting & Other Equipments (Deg 2)		12	14-Aug-25	27-Aug-25	0%	-42				
11286-CON-06760		Elec Equipt Room - (Elect) On-Site Test of Switchboard (Deg 3)		6	28-Aug-25	03-Sep-25	0%	-42				
11286-CON-06770		Elec Equipt Room - (Elect) Ready for POWER-ON DATE		0		03-Sep-25	0%	-42				
(FS) Fire Services Installation				54	09-Jul-25	09-Sep-25		4				
11286-CON-06780		Elec Equipt Room - FS Install conduit (Deg 1)		12	09-Jul-25	22-Jul-25	0%	4				
11286-CON-06790		Elec Equipt Room - FS Main pipeworks & containment (Deg 1)		15	23-Jul-25	08-Aug-25	0%	4				
11286-CON-06800		Elec Equipt Room - FS Sub-main pipeworks (Deg 2)		14	09-Aug-25	25-Aug-25	0%	4				
11286-CON-06810		Elec Equipt Room - FS Wiring (Deg 2)		7	26-Aug-25	02-Sep-25	0%	4				
11286-CON-06820		Elec Equipt Room - FS Termination & connection (Deg 3)		6	03-Sep-25	09-Sep-25	0%	4				
ELV Installation				44	09-Jul-25	28-Aug-25		85				
11286-CON-06830		Elec Equipt Room - ELV Cable Laying (Deg 1)		14	09-Jul-25	24-Jul-25	0%	85				
11286-CON-06840		Elec Equipt Room - ELV Equipment Installation (Deg 2)		18	25-Jul-25	14-Aug-25	0%	85				
11286-CON-06850		Elec Equipt Room - ELV Cable Termination & Cable Test (Deg 3)		12	15-Aug-25	28-Aug-25	0%	85				
Approach Lobby / Concourse Level - Building Services / E&M Works				120	09-Jun-25	30-Oct-25		-37				
Plumbing & Drainage Installation				26	08-Jul-25	06-Aug-25		15				
11286-CON-06900		Approach Concourse Level - (P&D) Cleansing water supply system (Deg 1)		26	08-Jul-25	06-Aug-25	0%	15				
ECS (Environmental Control System) Installation				64	08-Jul-25	19-Sep-25		-35				
11286-CON-06920		Approach Concourse Level - (ECS) FC Units, ductworks & pipework (Deg 1)		28	08-Jul-25	08-Aug-25	0%	-35				
11286-CON-06930		Approach Concourse Level - (ECS) Cabling and equipments (Deg 2)		24	29-Jul-25	25-Aug-25	0%	-35				
11286-CON-06940		Approach Concourse Level - (ECS) MCC Panel (Deg 2)		14	26-Aug-25	10-Sep-25	0%	-35				
11286-CON-06950		Approach Concourse Level - (ECS) Termination & connection (Deg 3)		8	11-Sep-25	19-Sep-25	0%	-35				
Electrical Installation				57	08-Jul-25	11-Sep-25		-40				
11286-CON-06960		Approach Concourse Level - Cable trunking installation		21	08-Jul-25	31-Jul-25	0%	-40				
11286-CON-06965		Approach Concourse Level - Electrical wiring works, connection		18	01-Aug-25	21-Aug-25	0%	-40				
11286-CON-06970		Approach Concourse Level - Lighting and small power		14	18-Aug-25	02-Sep-25	0%	-40				
11286-CON-06980		Approach Concourse Level - Emergency call bell system and Speakers		8	03-Sep-25	11-Sep-25	0%	-40				
(FS) Fire Services Installation				59	08-Jul-25	13-Sep-25		-42				
11286-CON-06990		Approach Concourse Level - FS Install conduit (Deg 1)		24	08-Jul-25	04-Aug-25	0%	-42				
11286-CON-07000		Approach Concourse Level - FS Main pipeworks & containment (Deg 1)		24	08-Jul-25	04-Aug-25	0%	-42				
11286-CON-07010		Approach Concourse Level - FS Sub-main pipeworks (Deg 2)		18	05-Aug-25	25-Aug-25	0%	-42				
11286-CON-07020		Approach Concourse Level - FS Wiring (Deg 2)		11	26-Aug-25	06-Sep-25	0%	-42				
11286-CON-07030		Approach Concourse Level - FS Termination & connection (Deg 3)		6	08-Sep-25	13-Sep-25	0%	-42				
ELV Installation				44	08-Jul-25	27-Aug-25		-27				
11286-CON-07040		Approach Concourse Level - ELV Cable Laying (Deg 1)		14	08-Jul-25	23-Jul-25	0%	-27				
11286-CON-07050		Approach Concourse Level - ELV Equipment Installation (Deg 2)		18	24-Jul-25	13-Aug-25	0%	-27				
11286-CON-07060		Approach Concourse Level - ELV Cable Termination & Cable Test (Deg 3)		12	14-Aug-25	27-Aug-25	0%	-27				
E&M Lift Installation and Fitout Works				120	09-Jun-25	30-Oct-25		-37				
11286-CON-07080		Lift Installation and Testing (1-no.)		28	09-Jun-25	11-Jul-25	0%	-37				
11286-CON-07082		Lift Installation and Testing (1-no.)		28	12-Jul-25	13-Aug-25	0%	-37				
11286-CON-07084		Lift Installation and Testing (1-no.)		28	14-Aug-25	15-Sep-25	0%	-37				
11286-CON-07086		Lift Installation and Testing (1-no.)		6	16-Sep-25	22-Sep-25	0%	-37				
11286-CON-07090		Lift Fitout Works		30	23-Sep-25	30-Oct-25	0%	-37				
Approach Lobby and Staircase - Building Services / E&M Works				96	14-Jul-25	05-Nov-25		-26				

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

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(23 of 26)

Date

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MTR 11286 Revised Programme for Acce pt...

Checked

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Activity ID		Activity Name		Original Duration	Start	Finish	Activity % Complete	Total Float	2024			
									Feb 9	Mar 10	Apr 11	May 12
		Plumbing & Drainage Installation		26	14-Jul-25	12-Aug-25		44				
		11286-CON-07140	Lobby & Staircase - (P&D) Cleansing water supply system (Deg 1)	26	14-Jul-25	12-Aug-25	0%	44				
		ECS (Environmental Control System) Installation		74	14-Jul-25	09-Oct-25		-4				
		11286-CON-07160	Lobby & Staircase - (ECS) FC Units, ductworks & pipework (Deg 1)	28	14-Jul-25	14-Aug-25	0%	-4				
		11286-CON-07170	Lobby & Staircase - (ECS) Cabling and equipments (Deg 2)	24	15-Aug-25	11-Sep-25	0%	-4				
		11286-CON-07180	Lobby & Staircase - (ECS) MCC Panel (Deg 2)	14	12-Sep-25	27-Sep-25	0%	-4				
		11286-CON-07190	Lobby & Staircase - (ECS) Termination & connection (Deg 3)	8	29-Sep-25	09-Oct-25	0%	-4				
		Electrical Installation		80	14-Jul-25	16-Oct-25		-26				
		11286-CON-07200	Lobby & Staircase - Cable trunking installation (Deg 1)	24	14-Jul-25	09-Aug-25	0%	-26				
		11286-CON-07205	Lobby & Staircase - Electrical wiring works, connection (Deg 2)	20	11-Aug-25	02-Sep-25	0%	-26				
		11286-CON-07210	Lobby & Staircase - Lighting and small power (Deg 3)	14	19-Sep-25	06-Oct-25	0%	-26				
		11286-CON-07220	Lobby & Staircase - Emergency call bell system and Speakers (Deg 3)	8	08-Oct-25	16-Oct-25	0%	-26				
		(FS) Fire Services Installation		60	14-Jul-25	20-Sep-25		-6				
		11286-CON-07230	Lobby & Staircase - FS Install conduit (Deg 1)	24	14-Jul-25	09-Aug-25	0%	-6				
		11286-CON-07240	Lobby & Staircase - FS Main pipeworks & containment (Deg 1)	24	14-Jul-25	09-Aug-25	0%	-6				
		11286-CON-07250	Lobby & Staircase - FS Sub-main pipeworks (Deg 2)	18	11-Aug-25	30-Aug-25	0%	-6				
		11286-CON-07260	Lobby & Staircase - FS Wiring (Deg 2)	12	01-Sep-25	13-Sep-25	0%	-6				
		11286-CON-07270	Lobby & Staircase - FS Termination & connection (Deg 3)	6	15-Sep-25	20-Sep-25	0%	-6				
		ELV Installation		45	14-Jul-25	03-Sep-25		25				
		11286-CON-07280	Lobby & Staircase - ELV Cable Laying (Deg 1)	15	14-Jul-25	30-Jul-25	0%	25				
		11286-CON-07290	Lobby & Staircase - ELV Equipment Installation (Deg 2)	18	31-Jul-25	20-Aug-25	0%	25				
		11286-CON-07300	Lobby & Staircase - ELV Cable Termination & Cable Test (Deg 3)	12	21-Aug-25	03-Sep-25	0%	25				
		E&M Escalator Installation and Fitout Works		74	08-Aug-25	05-Nov-25		-42				
		11286-CON-07320	Escalator Installation (2-nos)	50	08-Aug-25	06-Oct-25	0%	-42				
		11286-CON-07330	Cladding Installation	18	08-Oct-25	28-Oct-25	0%	-42				
		11286-CON-07340	Escalator Testing	6	30-Oct-25	05-Nov-25	0%	-42				
		Entrance C - Building Services / E&M Works		180	20-Mar-25	27-Oct-25		62				
		Entrance C / Lobby Area - Building Services / E&M Works		162	20-Mar-25	04-Oct-25		2				
		Plumbing & Drainage Installation		26	20-Mar-25	23-Apr-25		116				
		11286-CON-08040	Entrance C, Lobby Area - (P&D) Cleansing water supply system (Deg 1)	26	20-Mar-25	23-Apr-25	0%	116				
		ECS (Environmental Control System) Installation		60	20-Mar-25	05-Jun-25		104				
		11286-CON-08060	Entrance C Lobby Area - (ECS) FC Units, ductworks & pipework (Deg 1)	28	20-Mar-25	25-Apr-25	0%	104				
		11286-CON-08070	Entrance C Lobby Area - (ECS) Cabling and equipments (Deg 2)	24	26-Apr-25	26-May-25	0%	104				
		11286-CON-08080	Entrance C Lobby Area - (ECS) MCC Panel (Deg 2)	14	10-May-25	26-May-25	0%	104				
		11286-CON-08090	Entrance C Lobby Area - (ECS) Termination & connection (Deg 3)	8	27-May-25	05-Jun-25	0%	104				
		Electrical Installation		123	20-Mar-25	19-Aug-25		22				
		11286-CON-08100	Entrance C Lobby Area - Cable trunking installation	28	20-Mar-25	25-Apr-25	0%	85				
		11286-CON-08105	Entrance C Lobby Area - Electrical wiring works, connections	24	14-Jul-25	09-Aug-25	0%	22				
		11286-CON-08110	Entrance C Lobby Area - Lighting and small power & test	14	25-Jul-25	09-Aug-25	0%	22				
		11286-CON-08120	Entrance C Lobby Area - Emergency call bell system and Speakers	8	11-Aug-25	19-Aug-25	0%	22				
		(FS) Fire Services Installation		60	20-Mar-25	05-Jun-25		-9				
		11286-CON-08130	Entrance C Lobby Area - FS Install conduit (Deg 1)	24	20-Mar-25	17-Apr-25	0%	-9				
		11286-CON-08140	Entrance C Lobby Area - FS Main pipeworks & containment (Deg 1)	24	20-Mar-25	17-Apr-25	0%	-9				
		11286-CON-08150	Entrance C Lobby Area - FS Sub-main pipeworks (Deg 2)	18	22-Apr-25	14-May-25	0%	-9				
		11286-CON-08160	Entrance C Lobby Area - FS Wiring (Deg 2)	12	15-May-25	28-May-25	0%	-9				
		11286-CON-08170	Entrance C Lobby Area - FS Termination & connection (Deg 3)	6	29-May-25	05-Jun-25	0%	-9				
		ELV Installation		44	20-Mar-25	16-May-25		101				
		11286-CON-08180	Entrance C Lobby Area - ELV Cable Laying (Deg 1)	14	20-Mar-25	05-Apr-25	0%	101				
		11286-CON-08190	Entrance C Lobby Area - ELV Equipment Installation (Deg 2)	18	07-Apr-25	30-Apr-25	0%	101				
		11286-CON-08200	Entrance C Lobby Area - ELV Cable Termination & Cable Test (Deg 3)	12	02-May-25	16-May-25	0%	101				
		E&M Lift Installation and Fitout Works		120	15-May-25	04-Oct-25		-17				
		11286-CON-08220	Lift Installation and Testing (1-no.)	28	15-May-25	17-Jun-25	0%	-17				
		11286-CON-08222	Lift Installation and Testing (1-no.)	28	18-Jun-25	21-Jul-25	0%	-17				
		11286-CON-08224	Lift Installation and Testing (1-no.)	28	22-Jul-25	22-Aug-25	0%	-17				
		11286-CON-08226	Lift Installation and Testing (1-no.)	6	23-Aug-25	29-Aug-25	0%	-17				
		11286-CON-08230	Lift Fitout Works	30	30-Aug-25	04-Oct-25	0%	-17				
		Entrance C Staircase & Bridge Deck - Building Services / E&M Works		97	04-Jul-25	27-Oct-25		62				

Milestone

Overall Summary Bar

Sub-Summary Bar

Critical Bar

Non-Critical Bar

Actual Work

Primary Baseline

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

3 Months Rolling Programme

(DD: 29 Feb 2024)

(24 of 26)

Date

29-Feb-24

Revision

MTR 11286 Revised Programme for Acce pt...

Checked

AK

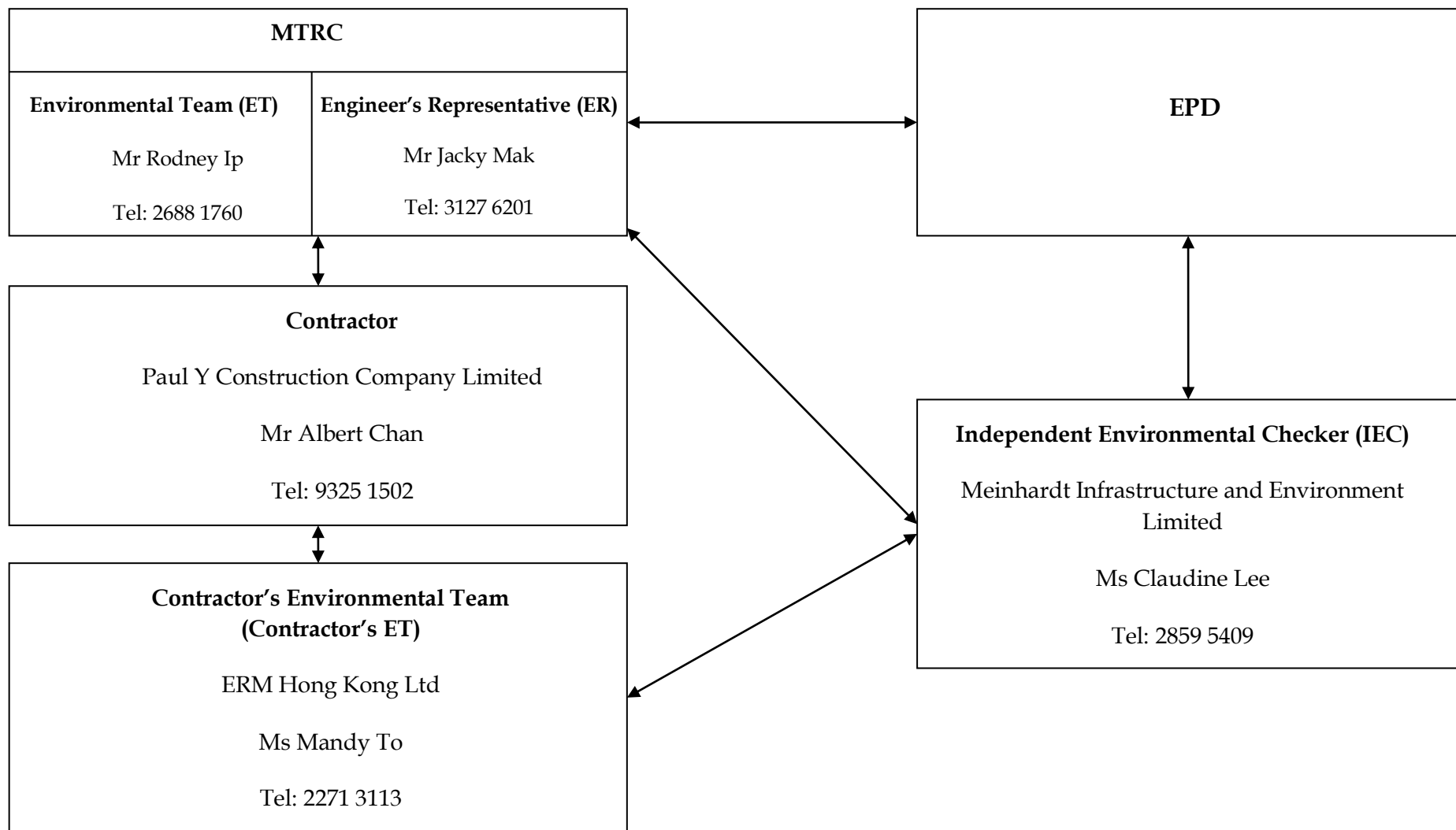
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AY



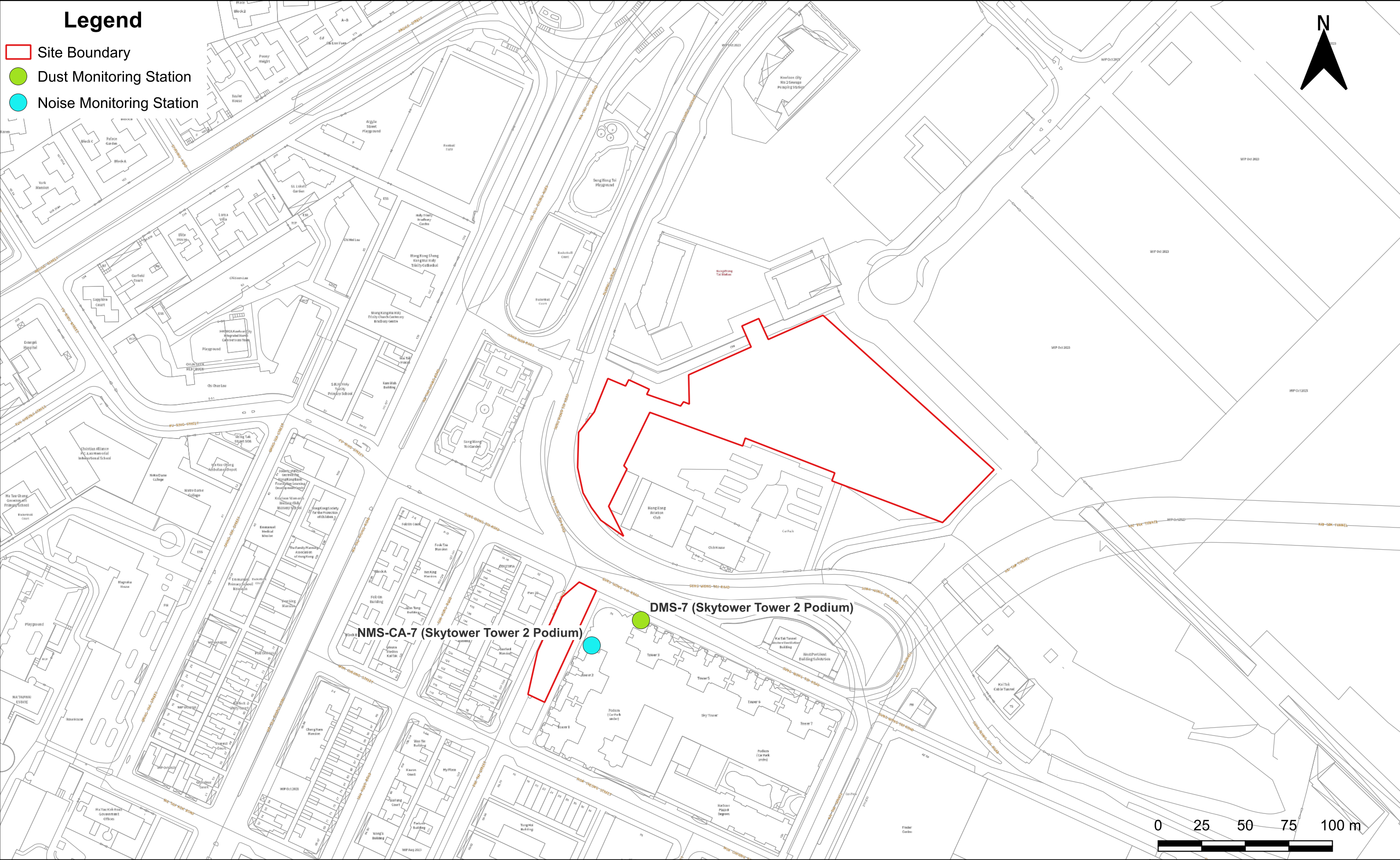
APPENDIX C PROJECT ORGANIZATION CHART AND CONTACT DETAILS

Appendix C – Organization Chart of SCL Works Contract 11286





APPENDIX D LOCATIONS OF NOISE AND DUST MONITORING STATION



Appendix D

Locations of Dust and Noise Monitoring Stations



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

Monitoring Schedule in February 2024

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

Note:

The dates indicated in red are public holidays.

Tentative Monitoring Schedule in March 2024

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

Note:

The dates indicated in red are public holidays.



APPENDIX F CALIBRATION REPORTS

Certificate of Calibration

校正證書

Certificate No. : C235237
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC23-1753)

Date of Receipt / 收件日期 : 22 August 2023

Description / 儀器名稱 : Precision Acoustic Calibrator

Manufacturer / 製造商 : LARSON DAVIS

Model No. / 型號 : CAL200

Serial No. / 編號 : 16878

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 : $(23 \pm 2)^{\circ}\text{C}$

Relative Humidity / 相對濕度 : $(50 \pm 25)\%$

Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 9 September 2023

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.

The results do not exceed specified limits.

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 Brüel & Kjær Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

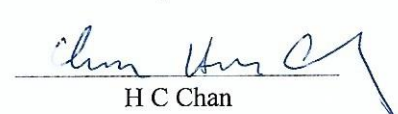
Tested By

測試


K C Lee
Engineer

Certified By

核證


H C Chan
Engineer

Date of Issue
簽發日期

12 September 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.

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Certificate of Calibration

校正證書

Certificate No. : C235237

證書編號

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.
- Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C233799
CL281	Multifunction Acoustic Calibrator	CDK2302738
TST150A	Measuring Amplifier	C221750

- Test procedure : MA100N.

- Results :

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	Mfr's Limit (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	93.95	± 0.2	± 0.20
114 dB, 1 kHz	113.95		

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Limit	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.

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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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 – 校正及檢測實驗室

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

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 : $(23 \pm 2)^{\circ}\text{C}$

Relative Humidity / 相對濕度 : $(50 \pm 25)\%$

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.

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Certificate of Calibration

校正證書

Certificate No. : C232965
證書編號

- 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.
- Self-calibration using the internal standard (After Adjustment) was performed before the test 6.1.1.2 to 6.3.2.
- The results presented are the mean of 3 measurements at each calibration point.
- Test equipment :

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

- Test procedure : MA101N.

- 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.

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Sun Creation Engineering Limited - Calibration & Testing Laboratory

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輝創工程有限公司 - 校正及檢測實驗室

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

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.

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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E-mail/電郵: callab@suncreation.com

Website/網址: www.suncreation.com

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: $Z = \sqrt{dH(Pa/Pstd)(Tstd/Ta)}$, $X = Z/m - b$, $Y(\text{Corrected Flow}) = IC * \{\sqrt{Pa/Pstd}(Tstd/Ta)\}$

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	<ol style="list-style-type: none"> 1. Notify the IEC, Contractor and ER; 2. Discuss with the ER, IEC and Contractor on the remedial measures required; 3. Increase the monitoring frequency to check mitigation effectiveness. 	<ol style="list-style-type: none"> 1. Review the investigation results submitted by the contractor; 2. Review and advise the ET and ER on the effectiveness of the remedial measures proposed by the Contractor. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of complaint in writing ; 2. Notify the Contractor, IEC and ET; 3. Review and agree on the remedial measures proposed by the Contractor; 4. Supervise the implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Investigate the complaint and propose remedial measures; 2. Report the results of investigation to the IEC, ET and ER; 3. Submit noise mitigation proposals to the ER with copy to the IEC and ET within 3 working days of notification; 4. Implement noise mitigation proposals.
Exceeding Limit Level	<ol style="list-style-type: none"> 1. Notify the IEC, Contractor and EPD; 2. Repeat measurement to confirm findings; 3. Increase the monitoring frequency; 4. Carry out analysis of the Contractor's working procedures to determine possible mitigation to be implemented; 5. Arrange meeting with the IEC, Contractor and ER to discuss the remedial measures to be taken; 6. Inform the IEC, ER and EPD the causes and actions taken for the exceedances 7. Assess the effectiveness of the Contractor's remedial measures and keep the IEC, ER and EPD informed of the results 	<ol style="list-style-type: none"> 1. Check the monitoring data submitted by the ET; 2. Check the Contractor's working method; 3. Discuss with the ET, ER, and Contractor on the potential remedial measures; 4. Review and advise the ET and ER on the effectiveness of the remedial measures proposed by the Contractor 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of exceedance in writing; 2. Notify the Contractor, IEC and ET; 3. In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures; 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. 	<ol style="list-style-type: none"> 1. Identify reason(s) and investigate the causes of exceedance; 2. Take immediate action to avoid further exceedance; 3. Submit proposals for remedial measures to the ER with a copy to the IEC and ET within three working days of notification; 4. Implement the agreed proposals; 5. Revise and resubmit proposals if problem is still not under control; 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	<ol style="list-style-type: none"> 1. Inform the IEC, Contractor and ER; 2. Discuss with the Contractor, IEC and ER on the remedial measures required; 3. Repeat measurement to confirm findings; 4. Increase the monitoring frequency 	<ol style="list-style-type: none"> 1. Check the monitoring data submitted by the ET; 2. Check the Contractor's working method; 3. Review and advise the ET and ER on the effectiveness of the proposed remedial measures. 	<ol style="list-style-type: none"> 1. Confirm receipt of notifications of exceedance in writing; 	<ol style="list-style-type: none"> 1. Identify reason(s), investigate the causes of exceedance and propose remedial measures; 2. Implement remedial measures; 3. Amend working methods and agree them with the ER as appropriate.
Exceedance for two or more consecutive samples	<ol style="list-style-type: none"> 1. Inform the IEC, Contractor and ER; 2. Discuss with the ER, IEC and Contractor on the remedial measures required; 3. Repeat measurements to confirm findings; 4. Increase the monitoring frequency to daily; 5. If exceedance continues, arrange meeting with the IEC, ER and Contractor; 6. If exceedance stops, the monitoring frequency will resume normal. 	<ol style="list-style-type: none"> 1. Check the monitoring data submitted by the ET; 2. Check the Contractor's working method; 3. Review and advise the ET and ER on the effectiveness of the proposed remedial measures. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of exceedance in writing; 2. Notify the Contractor, IEC and ET; 3. Review and agree on the remedial measures proposed by the Contractor; 4. Supervise the Implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Identify reasons and investigate the causes of exceedance; 2. Submit proposals of remedial measures to the ER with a copy to the ET and IEC within three working days of notification; 3. Implement the agreed proposals; 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;	1.	Check the monitoring data submitted by the ET;	1.	Confirm receipt of notification of exceedance in writing;	1.	Identify reason(s) and investigate the causes of exceedance;
	2.	Repeat measurement to confirm findings;	2.	Check the Contractor's working method;	2.	Notify the Contractor, IEC and ET;	2.	Take immediate action to avoid further exceedance;
	3.	Increase the monitoring frequency to daily;	3.	Discuss with the ET, ER and Contractor on possible remedial measures;	3.	Review and agree on the remedial measures proposed by the Contractor;	3.	Submit proposals of remedial measures to ER with a copy to the ET and IEC within three working days of notification;
	4.	Discuss with the ER, IEC and contractor on the remedial measures and assess the effectiveness.	4.	Review and advise the ER and ET on the effectiveness of Contractor's remedial measures.	4.	Supervise the implementation of remedial measures.	4.	Implement the agreed proposals;
							5.	Amend proposal if appropriate.
Exceedance for two or more consecutive samples	1.	Notify the IEC, Contractor and EPD;	1.	Check the monitoring data submitted by the ET;	1.	Confirm receipt of notification of exceedance in writing;	1.	Identify reason(s) and investigate the causes of exceedance;
	2.	Repeat measurement to confirm findings;	2.	Check the Contractor's working method;	2.	Notify the Contractor, IEC and ET;	2.	Take immediate actions to avoid further exceedance;
	3.	Increase the monitoring frequency to daily;	3.	Discuss with the ET, ER, and Contractor on the potential remedial measures;	3.	In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented;	3.	Submit proposals of remedial measures to the ER with a copy to the IEC and ET within three working days of notification;
	4.	Carry out analysis of the Contractor's working procedures with the ER to determine possible mitigation to be implemented;	4.	Review and advise the ER and ET on the effectiveness of Contractor's remedial measures.	4.	Supervise the implementation of remedial measures;	4.	Implement the agreed proposals;
	5.	Arrange meeting with the IEC, Contractor and ER to discuss the remedial measures to be taken;			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.	5.	Revise and resubmit proposals if problem still not under control;
	6.	Review the effectiveness of the Contractor's remedial measures and keep the IEC, EPD and ER informed of the results;					6.	Stop the relevant portion of works as determined by the ER until the exceedance is abated.
	7.	If exceedance stops, the monitoring frequency will return to normal.						

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	<ol style="list-style-type: none"> 1. Inform the Contractor, the IEC and the ER. 2. Discuss remedial actions with the IEC, ER and Contractor. 3. Monitor remedial actions until rectification has been completed. 	<ol style="list-style-type: none"> 1. Check the inspection report. 2. Check the Contractor's working method. 3. Discuss with the ET, ER and Contractor on possible remedial measures. 4. Advise the ER on the effectiveness of proposed remedial measures. 	<ol style="list-style-type: none"> 1. Confirm receipt of notifications of nonconformity in writing. 2. Review and agree on the remedial measures proposed by the Contractor. 3. Supervise the implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Identify reasons and investigate the non-conformity. 2. Implement remedial measures 3. Amend working methods and agree them with the ER as appropriate. 4. Rectify the damage and undertake any necessary replacement.
Repeated Nonconformity	<ol style="list-style-type: none"> 1. Identify Reasons. 2. Inform the Contractor, IEC and ER. 3. Increase the inspection frequency. 4. Discuss remedial actions with the IEC, ER and Contractor. 5. Monitor remedial actions until rectification has been completed. 6. If non-conformity stops, the inspection frequency return to normal (ie., Once every two weeks) 	<ol style="list-style-type: none"> 1. Check the inspection report. 2. Check the Contractor's working method. 3. Discuss with the ET and Contractor on possible remedial measures. 4. Advise the ER on the effectiveness of proposed remedial measures. 	<ol style="list-style-type: none"> 1. Notify the Contractor. 2. In consultation with the ET and IEC, agree with the Contractor on the remedial measures to be implemented. 3. Supervise the implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Identify Reasons and investigate the non-conformity. 2. Implement remedial measures. 3. Amend working methods and agree them with the ER as appropriate. 4. Rectify the damage and undertake any necessary replacement. 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
- △ 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	√
-	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	√
Ecology (Construction Phase)							
S5.7	E5	<u>Good Site Practices</u> 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. 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
		<ul style="list-style-type: none"> Erection of temporary geotextile silt or sediment fences/oil traps around earth-moving works to trap sediments and prevent them from entering watercourses; Avoidance of soil storage against trees or close to water bodies; 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; No on-site burning of waste; 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> <ul style="list-style-type: none"> 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> <ul style="list-style-type: none"> 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> <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Proper watering of exposed spoil should be undertaken throughout the construction phase; 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; Any dusty materials remaining after a stockpile has been removed should be wetted with water and cleared from the surface of roads; 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
		<p>fencing or traffic cones.</p> <ul style="list-style-type: none"> • 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; • 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; • 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; • 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; • 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; • 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
		<ul style="list-style-type: none"> 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; Any skip hoist for material transport should be totally enclosed by an impervious sheeting; 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; 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; 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 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: <ul style="list-style-type: none"> only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme; 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; plant known to emit noise strongly in one direction, where possible, should be orientated so that the noise is directed away from nearby NSRs; silencers or mufflers on construction equipment should be properly fitted and maintained during the period of construction works; mobile plant should be sited as far away from NSRs as possible and practicable; 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: <u>Construction Runoffs and Site Drainage</u> <ul style="list-style-type: none"> 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
		<p>The design of the temporary on-site drainage system will be undertaken by the Contractor prior to the commencement of construction.</p> <ul style="list-style-type: none"> • 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. • 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 m³/s, a sedimentation basin of 30m³ would be required and for a flow rate of 0.5 m³/s the basin would be 150 m³. The detailed design of the sand/silt traps shall be undertaken by the Contractor prior to the commencement of construction. • 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. • 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
		<p>gained during prolonged periods of inclement weather and the reduction of surface sheet flows.</p> <ul style="list-style-type: none"> • 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. • 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. • Open stockpiles of construction materials (for example, aggregates, sand and fill material) of more than 50m³ 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. • 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. • 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
		<p>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.</p> <ul style="list-style-type: none"> • 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. • 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. • Construction solid waste, debris and rubbish on site should be collected, handled and disposed of properly to avoid water quality impacts. • 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
		<p>prevent spilled fuel oils from reaching nearby water sensitive receivers.</p> <ul style="list-style-type: none"> 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. Adopt best management practices 					
S10.7.1	W2	<p><u>Tunnelling Works</u></p> <ul style="list-style-type: none"> Uncontaminated discharge should pass through sedimentation tanks prior to off-site discharge. 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. 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	<p><u>Sewage Effluent</u></p> <p>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</p>	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	<p><u>Groundwater from Contaminated Area in case contamination is found:</u></p> <ul style="list-style-type: none"> 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. 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. 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	<p>In order to prevent accidental spillage of chemicals, the following is recommended:</p> <ul style="list-style-type: none"> • 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. • 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. • 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> <ul style="list-style-type: none"> 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	√
S11.5.1	WM2	<u>Construction and Demolition (C&D) Material</u> <ul style="list-style-type: none"> 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	√

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
		<ul style="list-style-type: none"> Carry out on-site sorting; Make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate; Adopt 'Selective Demolition' technique to demolish the existing structures and facilities with a view to recovering broken concrete effectively for recycling purpose, where possible; Implement a trip-ticket system for each works contract to ensure that the disposal of C&D materials are properly documented and verified; 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. 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	<p><u>C&D Waste</u></p> <ul style="list-style-type: none"> 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	√

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
		<ul style="list-style-type: none"> 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> <ul style="list-style-type: none"> General refuse generated on-site should be stored in enclosed bins or compaction units separately from construction and chemical wastes. 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. 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. 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> <ul style="list-style-type: none"> 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	√

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
		<p>be handled in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.</p> <ul style="list-style-type: none"> 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. 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. 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

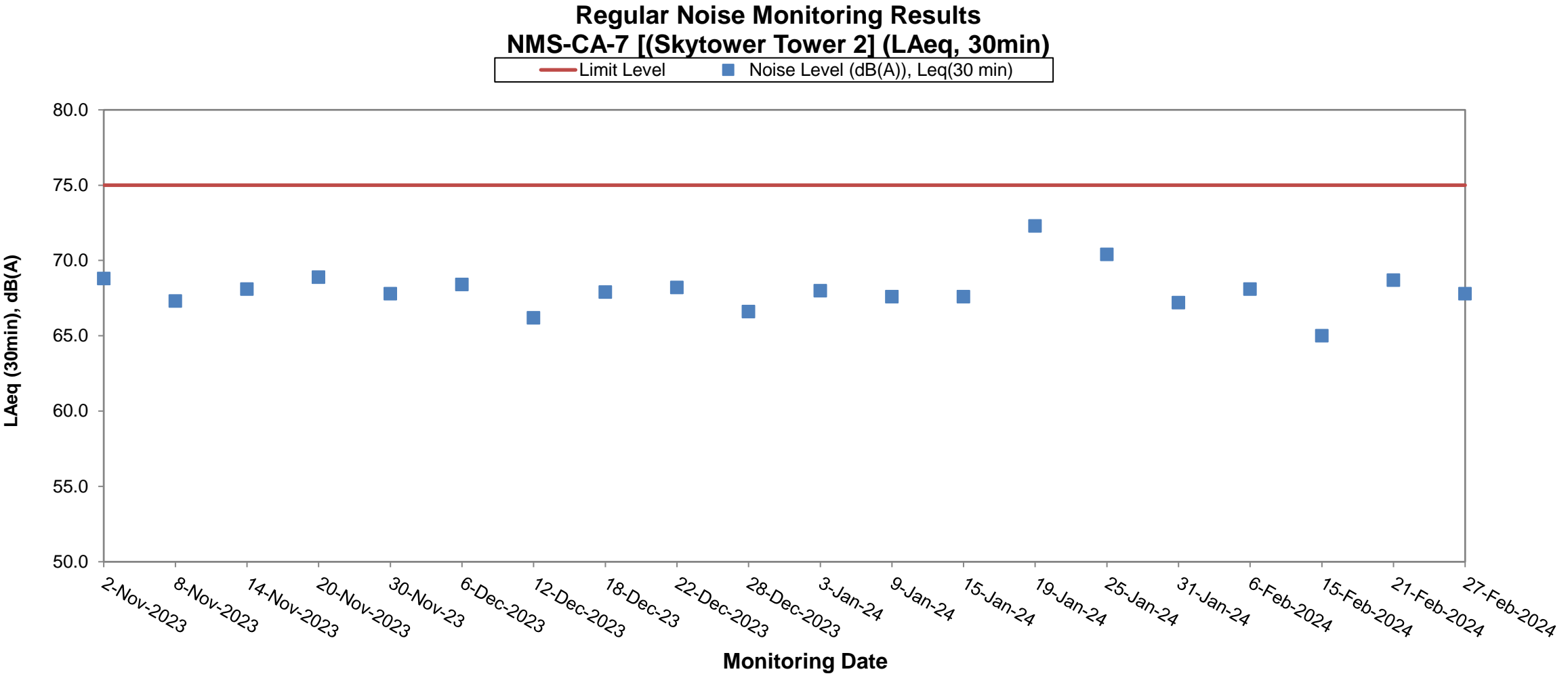
Appendix I - Regular Noise Monitoring Results

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
6-Feb-2024	8:17	8:47	Cloudy	68.1	70.0	-(b)	Crane operation	Traffic noise	19.1	0.7	NL-52 00643049	CAL200 16878
15-Feb-2024	8:10	8:40	Fine	65.0	70.0	-(b)	Crane operation	Traffic noise	22.3	0.2	NL-52 00643049	CAL200 16878
21-Feb-2024	8:12	8:42	Sunny	68.7	70.0	-(b)	Crane operation	Traffic noise	24.5	0.5	NL-52 00643049	CAL200 16878
27-Feb-2024	8:45	8:45	Cloudy	67.8	70.0	-(b)	Crane operation	Traffic noise	17.6	0.5	NL-52 00643049	CAL200 16878

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.

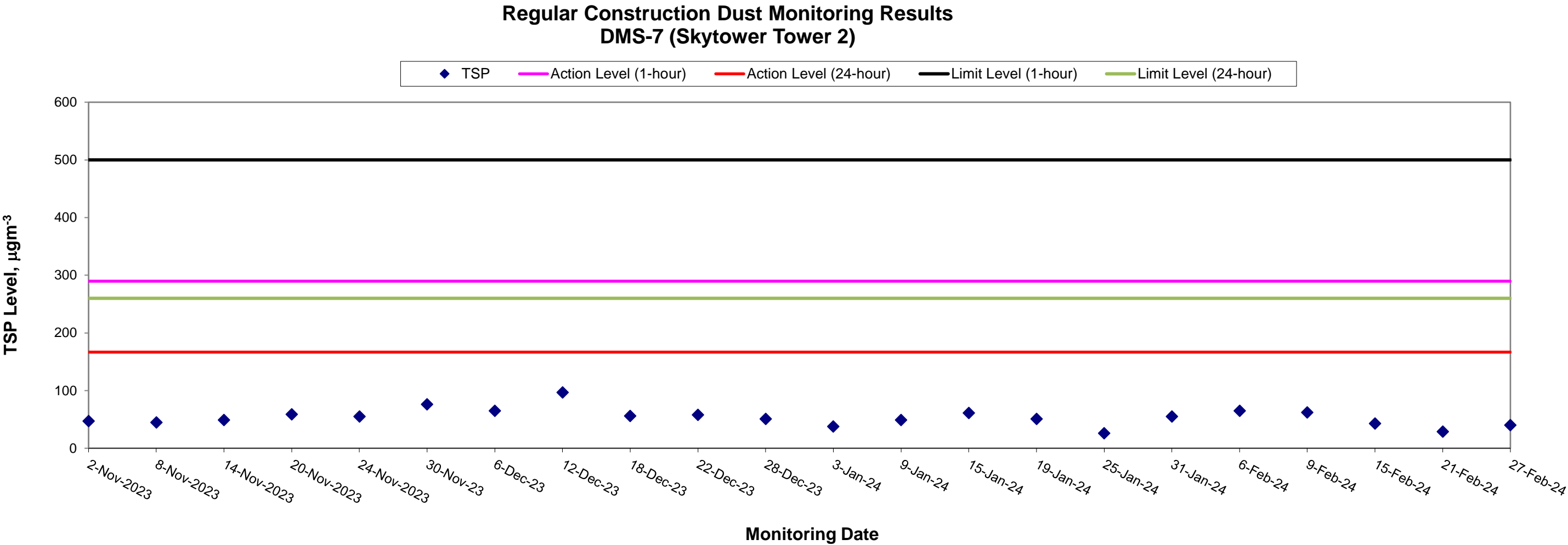


APPENDIX J REGULAR DUST MONITORING RESULTS

Appendix J - Construction Dust Monitoring Results

Station		DMS-7		Skytower Tower 2						
Start		Finish		Weather	Sampling Time	Measurement (µg/m3)	Action Level	Limit Level	Observations / Remarks	Dust Meter Model / ID
Date	Time	Date	Time		(hrs)		(µg/m3)	(µg/m3)		
6-Feb-24	08:22	7-Feb-24	8:22	Cloudy	24.00	65	166.7	260	Construction, work in progress	Tisch Environmental 3958
9-Feb-24	08:11	10-Feb-24	8:11	Cloudy	24.00	62	166.7	260	Construction, work in progress	Tisch Environmental 3958
15-Feb-24	08:16	16-Feb-24	8:16	Fine	24.00	43	166.7	260	Construction, work in progress	Tisch Environmental 3958
21-Feb-24	08:18	22-Feb-24	8:18	Sunny	24.00	29	166.7	260	Construction, work in progress	Tisch Environmental 3958
27-Feb-24	08:21	28-Feb-24	8:21	Cloudy	24.00	40	166.7	260	Construction, work in progress	Tisch Environmental 3958

Appendix J - Construction Dust Monitoring Results



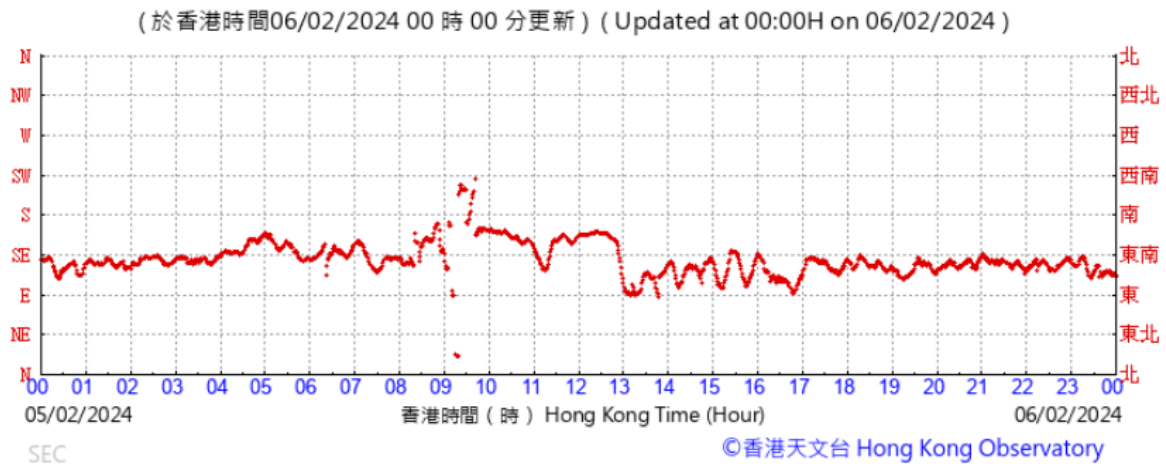
* The measurement has been updated to 24-hour TSP Level and the monitoring station has changed from Parc 22 to Skytower Tower 2 starting from 27 Oct 2023.



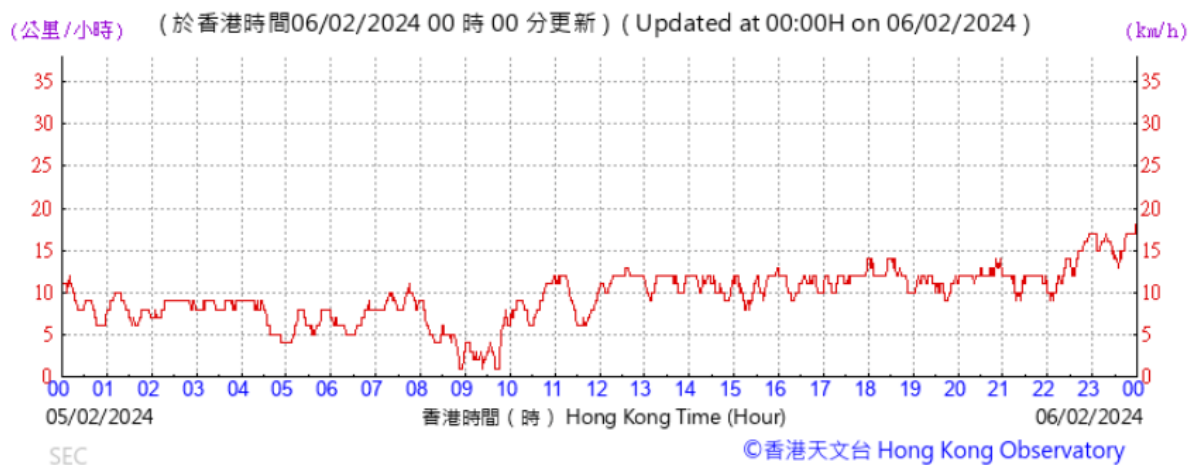
APPENDIX K WIND DATA FROM HONG KONG OBSERVATORY

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

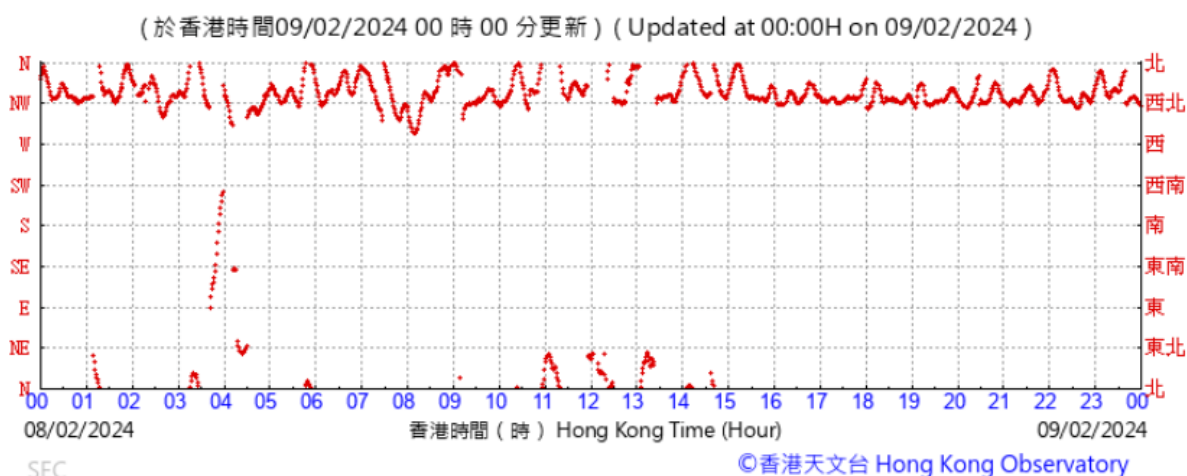
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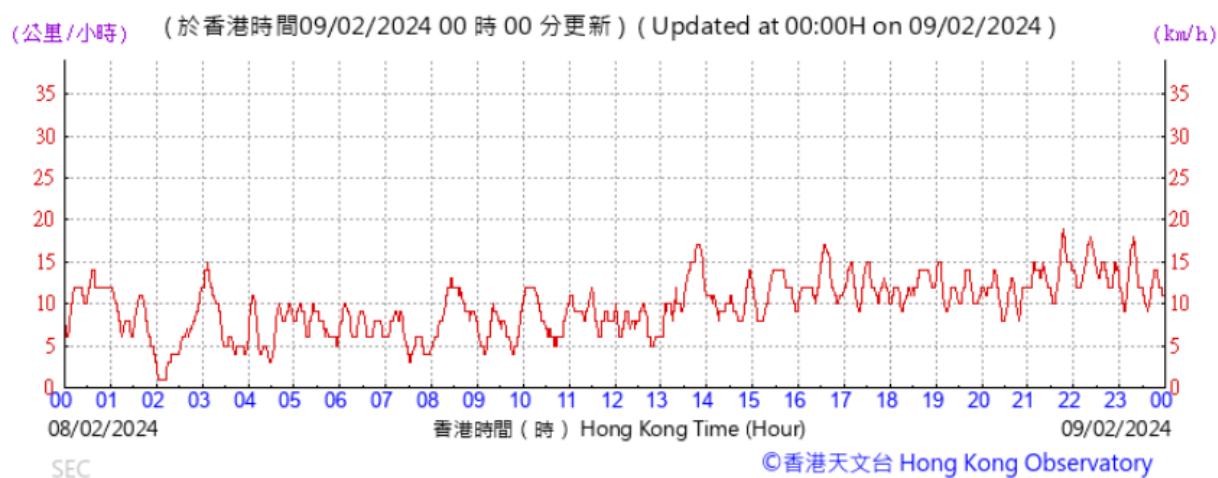
Wind Speed:



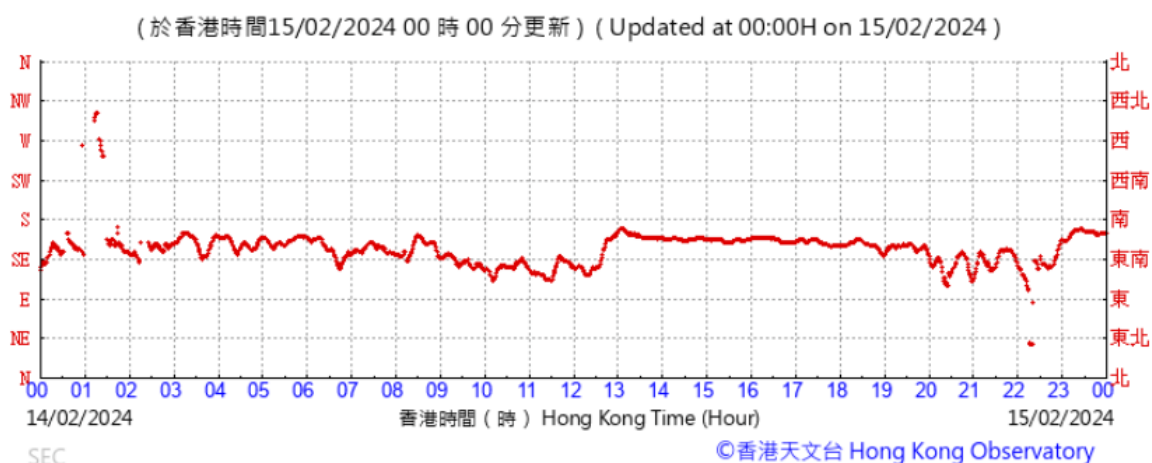
Wind Direction:



Wind Speed:



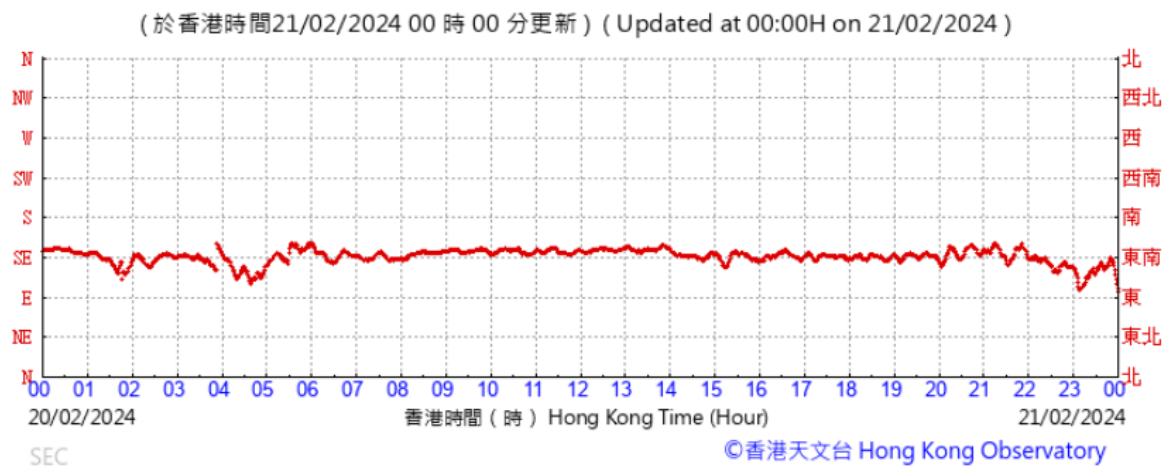
Wind Direction:



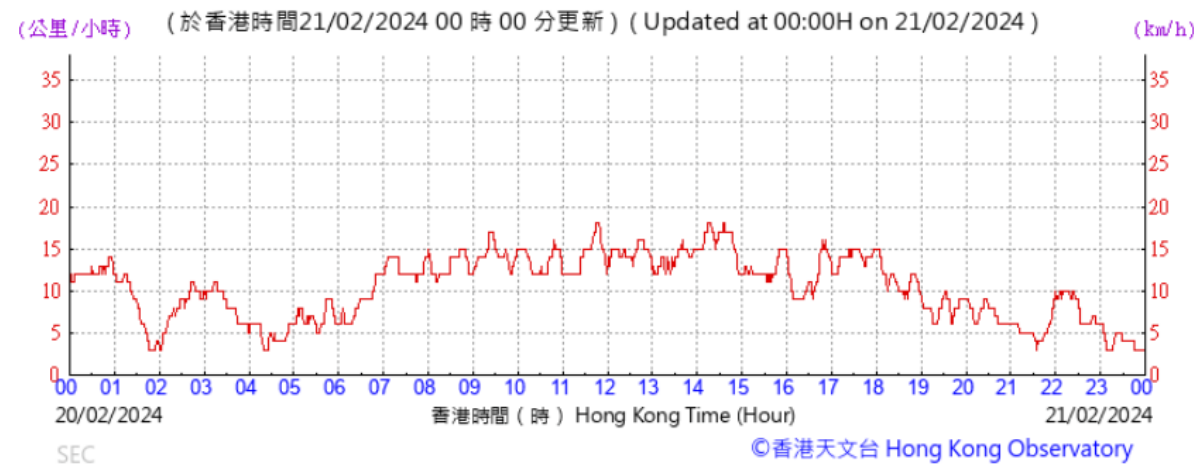
Wind Speed:



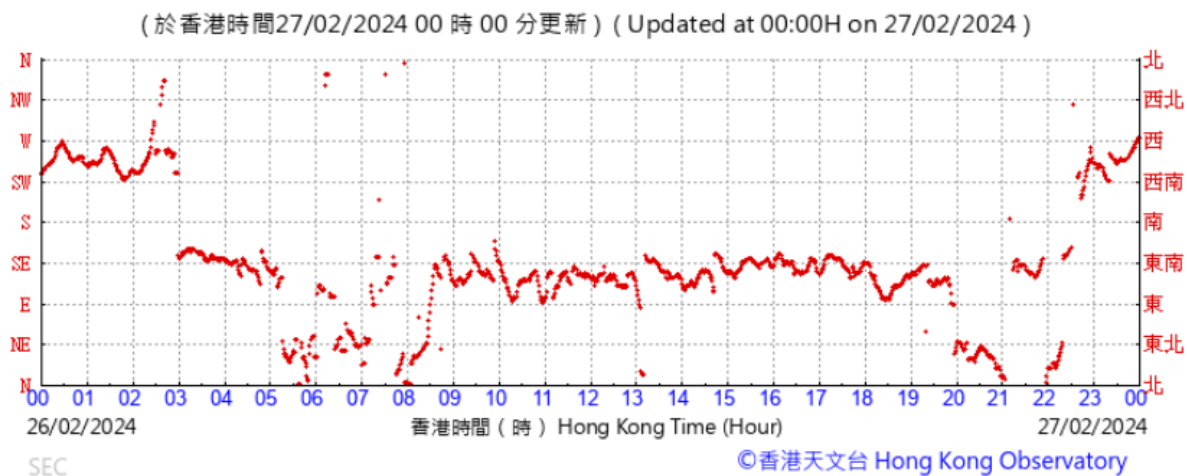
Wind Direction:



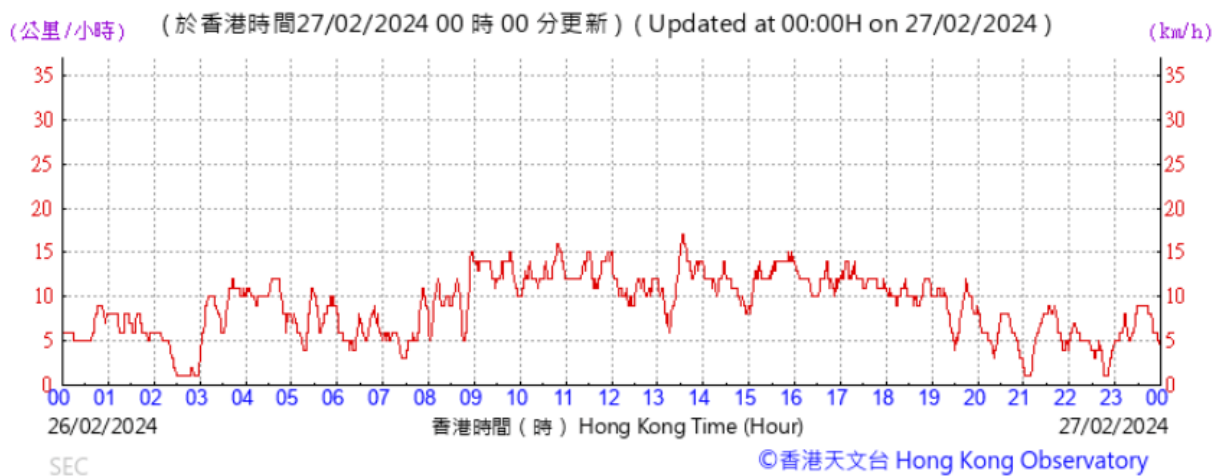
Wind Speed:



Wind Direction:



Wind Speed:





APPENDIX L WASTE FLOW TABLE

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 / cardboard 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 '000m ³)	(in '000m ³)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000kg)
Jan	1.74	0	0	0	1.74	0	0	0	0	0	0
Feb	1.13	0	0	0	1.13	0	0	0	0	0	0
Mar											
Apr											
May											
Jun											
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
Grand Total	2.87	0	0	0	2.87	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 / cardboard 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 '000m ³)	(in '000m ³)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000 kg)	(in '000kg)
2023	2.28	0	0	0	2.28	0	0	0	0	0	0
2024	2.87	0	0	0	2.87	0	0	0	0	0	0
2025											
2026											

Note: (1) Metal, paper & plastic were collected by recycler

(2) Plastic refer to plastic bottles / containers, plastic sheets / foam from packaging

(3) Use the conversion factor, density of general refuse (0.75 tonne / m³), soft inert C&D materials (2 tonnes/m³) and hard rocks / big boulders (2.5 tonne/m³).

(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
November 2023	0	0
December 2023	0	0
January 2024	0	0
February 2024	0	0
Overall Total	1	0



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Guyana	Spain
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Indonesia	Tanzania
Ireland	Thailand
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Kazakhstan	US
Kenya	Vietnam
Malaysia	
Mexico	
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