



Agreement No. CE 60/2017
(EP) Environmental Team
for Tung Chung New Town
Extension (East) – Design
and Construction
Monthly Environmental Monitoring &
Audit Report for August 2026

PREPARED FOR



Civil Engineering and Development
Department

DATE

14 September 2026

REFERENCE

0445700



DOCUMENT DETAILS

DOCUMENT TITLE	Agreement No. CE 60/2017 (EP) Environmental Team for Tung Chung New Town Extension (East) – Design and Construction
DOCUMENT SUBTITLE	Monthly Environmental Monitoring & Audit Report for August 2026
PROJECT NUMBER	0445700
Date	14 September 2026
Version	01
Author	KS
Client name	Civil Engineering and Development Department

DOCUMENT HISTORY

				ERM APPROVAL TO ISSUE		
VERSION	REVISION	AUTHOR	REVIEWED BY	NAME	DATE	COMMENTS
1	N/A	KS	RC	CAR	14.9.2026	N/A

Agreement No. CE 60/2017 (EP)
Environmental Team for Tung Chung New
Town Extension (East) – Design and
Construction
Monthly Environmental Monitoring & Audit Report for August 2026
0445700



Craig Reid
Partner

ERM-Hong Kong, Limited
2507 One Harbourfront
18 Tak Fung Street
Hung Hom, Kowloon
Hong Kong
T +852 2271 3000

© Copyright 2026 by The ERM International Group Limited and/or its affiliates ('ERM'). All Rights Reserved.
No part of this work may be reproduced or transmitted in any form or by any means, without prior written permission of ERM.

Tung Chung New Town Extension

Environmental Certification Sheet for Environmental Permit No. EP-519/2016

Reference Document/Plan

Document/Plan to be Certified:	Monthly Environmental Monitoring & Audit Report for August 2026 (Revision 1)
	14 September 2026

Reference EP Condition

Environmental Permit Condition:	Condition 3.5
The Permit Holder shall submit 4 hard copies and 1 electronic copy of Monthly EM&A Reports for the construction stage of the Project to the Director, within 2 weeks after the end of the reporting month. The monthly EM&A Reports shall include an executive summary of all environmental audit results, together with actions taken in the event of non-compliance (exceedances) of the environmental quality performance limits (Action and Limit Levels), complaints received and emergency events relating to violation of environmental legislation (such as illegal dumping and landfilling). The submissions shall be certified by the ET Leader and verified by the IEC as having complied with the requirements as set out in the updated EM&A Manual before submission to the Director. Additional copies of the Monthly EM&A Reports shall be provided upon request by the Director.	

ET Certification

I hereby certify that the above referenced document/plan complies with the above referenced condition of EP-519/2016

Kelvin So
Environmental Team Leader



Date: 14 September 2026

Your Ref.

By Post

Our Ref. 198377-1260

Date 14 September 2026

South Development and Sustainable Lantau Office
Civil Engineering and Development Department
13/F, North Point Government Offices
333 Java Road, North Point
Hong Kong

Attention: Mr. Rafael TANG / Dr. Y.M. MAK

Dear Sir,

Agreement No. CE 59/2017 (EP)
Independent Environmental Checker for Tung Chung New Town Extension – Investigation
Monthly Environmental Monitoring & Audit Report for August 2026 for TCE

We refer to the Monthly Environmental Monitoring & Audit Report for August 2026 for Tung Chung New Town Extension (East) (TCE) dated September 2026 and certified by the Environmental Team (ET) Leader of TCE on 14 September 2026. Please note the submission is hereby verified, in accordance with the requirement stipulated in Condition 3.5 of EP-519/2016.

Should you have any query, please feel free to contact the undersigned at 2608 7314 (chuawo@binnies.com) or our Edward Lau at 3894 9695 (lauky@binnies.com).

Yours faithfully,
for and on behalf of
BINNIES HONG KONG LIMITED



MANUEL CHUA
INDEPENDENT ENVIRONMENTAL CHECKER

cc: ET Leader / TCE – ERM (Attn: Mr. Kelvin So) [by Email: kelvin.so@erm.com]
PM / TCE – AECOM (Attn: Mr. Chris Cheung) [by Email: crc1@tce-aecom.com]



Binnies Hong Kong Limited
43/F, AIA Kowloon Tower, 100 How Ming Street, Kwun Tong, Hong Kong
賓尼斯工程顧問有限公司
香港九龍觀塘巧明街 100 號友邦九龍大樓 43 樓



+852 2601 1000



+852 2601 3988



binnieshk@binnies.com



CONTENTS

EXECUTIVE SUMMARY	I
BREACHES OF ACTION AND LIMIT LEVELS FOR AIR QUALITY	II
BREACHES OF ACTION AND LIMIT LEVELS FOR NOISE	II
BREACHES OF ACTION AND LIMIT LEVELS FOR WATER QUALITY	II
ECO-SHORELINE MONITORING	II
SOFT SHORE ECOLOGICAL MONITORING	II
ENVIRONMENTAL COMPLAINTS, NON-COMPLIANCE & SUMMONS	II
REPORTING CHANGE	II
KEY ISSUES FOR THE COMING MONTH	II
1. INTRODUCTION	1
1.1 BACKGROUND	1
1.2 SCOPE OF THE EM&A REPORT	2
1.3 ORGANIZATION STRUCTURE	2
1.4 SUMMARY OF CONSTRUCTION WORKS	4
1.5 SUMMARY OF EM&A PROGRAMME REQUIREMENTS	7
1.6 STATUS OF STATUTORY ENVIRONMENTAL COMPLIANCE WITH THE ENVIRONMENTAL PERMIT	9
1.7 STATUS OF OTHER STATUTORY ENVIRONMENTAL REQUIREMENTS	9
2. EM&A RESULTS FOR TUNG CHUNG EAST	10
2.1 AIR QUALITY	10
2.1.1 Monitoring Requirements and Equipment	10
2.1.2 Monitoring Schedule for the Reporting Month	10
2.1.3 Results and Observations	11
2.2 NOISE MONITORING	11
2.2.1 Monitoring Requirements and Equipment	11
2.2.2 Monitoring Schedule for the Reporting Month	12
2.2.3 Results and Observations	12
2.3 WATER QUALITY MONITORING	12
2.4 COMPENSATION WOODLAND MONITORING	13
2.5 PRESERVED/TRANSPLANTED PLANT SPECIES OF CONSERVATION IMPORTANCE MONITORING	13
2.5.1 Preserved Plant Species of Conservation Importance	13
2.5.2 Transplanted Plant Species of Conservation Importance	14
2.6 ECO-SHORELINE MONITORING	14
2.7 SOFT SHORE ECOLOGICAL MONITORING	14
2.8 EM&A SITE INSPECTION	15
2.9 WASTE MANAGEMENT STATUS	16
2.10 LANDSCAPE AND VISUAL MONITORING	17

2.11	IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURES	20
2.12	SUMMARY OF COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS	20
3.	FUTURE KEY ISSUES	21
3.1	CONSTRUCTION PROGRAMME FOR THE COMING MONTH	21
3.2	MONITORING SCHEDULE FOR THE COMING MONTH	25
4.	CONCLUSION AND RECOMMENDATION	26

ANNEX A	PROJECT ORGANISATION
ANNEX B	ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE
ANNEX C	STATUS OF SUBMISSIONS AND IMPLEMENTATION STATUS OF MITIGATION MEASURES UNDER EP
ANNEX D	STATUS OF STATUTORY ENVIRONMENTAL REQUIREMENTS
ANNEX E	AIR QUALITY
ANNEX E1	CALIBRATION CERTIFICATES FOR AIR QUALITY
ANNEX E2	MONITORING SCHEDULE FOR AIR QUALITY
ANNEX E3	MONITORING RESULTS FOR AIR QUALITY
ANNEX E4	EVENT AND ACTION PLAN FOR AIR QUALITY
ANNEX F	NOISE
ANNEX F1	CALIBRATION CERTIFICATES FOR NOISE
ANNEX F2	MONITORING SCHEDULE FOR NOISE
ANNEX F3	MONITORING RESULTS FOR NOISE
ANNEX F4	EVENT AND ACTION PLAN FOR NOISE
ANNEX G	COMPENSATION WOODLAND MONITORING
ANNEX H	PRESERVED/TRANSPLANTED PLANT SPECIES OF CONSERVATION IMPORTANCE MONITORING
ANNEX H1	PRESERVED PLANT SPECIES OF CONSERVATION IMPORTANCE
ANNEX I	ECO-SHORELINE MONITORING
ANNEX J	LANDSCAPE AND VISUAL MONITORING
ANNEX J1	EXAMPLES OF LANDSCAPE AND VISUAL MITIGATION MEASURES
ANNEX J2	EVENT AND ACTION PLAN FOR LANDSCAPE AND VISUAL MITIGATION MEASURES
ANNEX K	CUMULATIVE STATISTICS ON EXCEEDANCES, ENVIRONMENTAL COMPLAINTS, NOTIFICATION OF SUMMONS AND STATUS OF PROSECUTIONS
ANNEX L	MONITORING SCHEDULE FOR THE NEXT REPORTING PERIOD

LIST OF TABLES

TABLE 1.1	CONTACT INFORMATION OF KEY PERSONNEL	2
TABLE 1.2	MAJOR ACTIVITIES IN THE REPORTING PERIOD	4
TABLE 1.3	SUMMARY OF STATUS FOR THE ENVIRONMENTAL ASPECTS UNDER THE UPDATED EM&A MANUAL	7
TABLE 2.1	ACTION AND LIMIT LEVELS FOR 1-HOUR TSP	10
TABLE 2.2	AIR QUALITY MONITORING DETAILS	10
TABLE 2.3	SUMMARY OF 1-HOUR TSP MONITORING RESULTS IN THE REPORTING PERIOD	11
TABLE 2.4	ACTION AND LIMIT LEVELS FOR CONSTRUCTION NOISE	11
TABLE 2.5	NOISE MONITORING DETAILS	12
TABLE 2.6	SUMMARY OF CONSTRUCTION NOISE MONITORING RESULTS IN THE REPORTING PERIOD	12
TABLE 2.7	KEY OBSERVATIONS IDENTIFIED DURING THE SITE INSPECTION IN THIS REPORTING MONTH	15
TABLE 2.8	QUANTITIES OF DIFFERENT WASTE GENERATED AND IMPORTED FILL MATERIALS	17
TABLE 2.9	IMPLEMENTATION STATUS OF LANDSCAPE AND VISUAL MITIGATION MEASURES	18
TABLE 2.10	MONITORING PROGRAMME FOR LANDSCAPE AND VISUAL	19
TABLE 3.1	MAJOR ACTIVITIES FOR THE NEXT REPORTING PERIOD	22

LIST OF FIGURES

FIGURE 1.1	LOCATION OF CONTRACT NO. NL/2017/03 – TUNG CHUNG NEW TOWN EXTENSION – RECLAMATION AND ADVANCE WORKS (CONTRACT 1)
FIGURE 1.2	LOCATION OF CONTRACT NO. NL/2020/02 – TUNG CHUNG NEW TOWN EXTENSION – SALT WATER SUPPLY SYSTEM (CONTRACT 2)
FIGURE 1.3	LOCATION OF CONTRACT NO. NL/2020/03 – TUNG CHUNG NEW TOWN EXTENSION – MAJOR INFRASTRUCTURE WORKS IN TUNG CHUNG EAST (CONTRACT 3)
FIGURE 1.4	LOCATION OF CONTRACT NO. NL/2020/02 – TUNG CHUNG NEW TOWN EXTENSION – TAI HO INTERCHANGE (CONTRACT 7)
FIGURE 2.1	CONSTRUCTION DUST MONITORING STATION LOCATION
FIGURE 2.2	CONSTRUCTION AIRBORNE NOISE MONITORING STATION LOCATION

ACRONYMS AND ABBREVIATIONS

Acronyms	Description
C&D	Construction and Demolition
CAP	Contamination Assessment Plan
CEDD	Civil Engineering and Development Department
CWD	Chinese White Dolphin
DCM	Deep Cement Mixing
DO	Dissolved Oxygen
EIA	Environmental Impact Assessment
EIAO	Environmental Impact Assessment Ordinance
EIS	Ecologically Important Stream
EM&A	Environmental Monitoring and Audit
EP	Environmental Permit
EPD	Environmental Protection Department
ER	Engineer's Representative
ERM	ERM-Hong Kong, Limited
ET	Environmental Team
HVS	High Volume Sampler
IEC	Independent Environmental Checker
PDA	Planned Development Area
PME	Powered Mechanical Equipment
QPME	Quality Powered Mechanical Equipment
RAP	Remediation Action Plan
RR	Remediation Report
RTTM	Real Time Tracking and Monitoring
SS	Suspended Solid
TCB	Tung Chung Bay
TCE	Tung Chung East
TCNTE	Tung Chung New Town Extension
TCW	Tung Chung West
The Project	Tung Chung New Town Extension (East)
THW	Tai Ho Wan
TSP	Total Suspended Particulate
TUE	Tung Chung Line Extension
Updated EM&A Manual	Updated Environmental Monitoring and Audit Manual for Tung Chung New Town Extension was prepared by both TCE and TCW ET and deposited to EPD under Environmental Permit No. EP-519/2016

EXECUTIVE SUMMARY

Tung Chung New Town Extension (TCNTE) is one of the major initiatives under the Government's multi-pronged approach to increase land supply to meet Hong Kong's medium- to long-term needs for housing, economic and social developments. The Environmental Impact Assessment (EIA) Report for TCNTE (Register No. AEIAR-196/2016) was approved on 8 April 2016 and the Environmental Permit (EP) No. EP-519/2016, covering the construction and operation of TCNTE, was granted on 9 August 2016. The EIA Report and EP cover both Tung Chung East (TCE) and Tung Chung West (TCW). ERM-Hong Kong, Limited (ERM) is commissioned to undertake the role of Environmental Team (ET) for the construction and operation of TCE Project ("the Project") in accordance with the requirements specified in the EP, Updated Environmental Monitoring and Audit (EM&A) Manual, EIA Report of the TCNTE project and other relevant statutory requirements.

The construction of the Contract No. NL/2017/03 - Tung Chung New Town Extension – Reclamation and Advance Works ("Contract 1") at TCE commenced on 9 July 2018 and was completed on 8 September 2025.

The construction of the Contract No. NL/2020/02 - Tung Chung New Town Extension – Salt Water Supply System ("Contract 2") at TCE commenced on 4 September 2021.

The construction of the Contract No. NL/2020/03 - Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East ("Contract 3") at TCE commenced on 5 November 2021.

The construction of the Contract No. NL/2020/07 - Tung Chung New Town Extension – Tai Ho Interchange ("Contract 7") at TCE commenced on 15 March 2022.

The works area in Area 113 has been handed over to MTRC since 24 March 2025. The corresponding environmental monitoring, site inspection, environmental complaint handling and EM&A reporting in the above-mentioned works area will be covered by EM&A programme of TUE and carried out by existing ET and IEC of TUE.

This is the Monthly EM&A report presenting the EM&A works carried out during the period from 1 to 31 August 2026 for the TCE Project in accordance with the Updated EM&A Manual.

A summary of monitoring and audit activities conducted in the reporting period is listed below:

Air Quality Monitoring	6 sessions
Noise Monitoring	6 sessions
Preserved Plant Species Monitoring	1 session
Environmental Site Inspection	
• Contract 2	4 sessions
• Contract 3	4 sessions
• Contract 7	4 sessions
Environmental Management Meeting	
• Contract 2	1 session
• Contract 3	1 session

- Contract 7 1 session

Environmental auditing works, including weekly site inspections of construction works conducted by the ET, audit of implementation of Complaint Management Plan, Detailed Preservation and/or Translocation of Plant Species of Conservation Importance, and Waste Management Plan were conducted in the reporting period. Based on the audit results and the observation for the reporting period, environmental pollution control and mitigation measures for the Project were properly implemented.

BREACHES OF ACTION AND LIMIT LEVELS FOR AIR QUALITY

No exceedance of Action and Limit Levels was recorded for construction air quality monitoring in the reporting period.

BREACHES OF ACTION AND LIMIT LEVELS FOR NOISE

No exceedance of Action and Limit Level was recorded for construction noise monitoring in the reporting period.

BREACHES OF ACTION AND LIMIT LEVELS FOR WATER QUALITY

Water quality monitoring was suspended in the reporting period.

ECO-SHORELINE MONITORING

The construction of vertical eco-shoreline, mangrove eco-shoreline and rocky eco-shoreline has been substantially completed. Eco-shoreline monitoring was scheduled during the reporting period.

SOFT SHORE ECOLOGICAL MONITORING

Impact and the post-construction soft shore ecological monitoring at Tung Chung Bay and Tai Ho Wan had been completed.

ENVIRONMENTAL COMPLAINTS, NON-COMPLIANCE & SUMMONS

There was no notification of summons or prosecution recorded in the reporting period.

One (1) environmental complaint related to Contract 3 was received in the reporting period. The environmental complaint handling and EM&A reporting in the temporary works area in Area 113 used by MTRC will be covered by EM&A programme of TUE and carried out by existing ET and IEC of TUE.

REPORTING CHANGE

There was no reporting change in the reporting period.

KEY ISSUES FOR THE COMING MONTH

Potential environmental impacts arising from the upcoming construction activities in the next reporting period of September 2026 are mainly associated with dust emission, noise from plant operation during normal working hours and restricted hours, handling and storage of C&D materials generated from construction activities, efficiency of wastewater and drainage management and tree protection. The ET will keep track on the construction works to confirm

compliance of environmental requirements and the proper implementation of all necessary mitigation measures. The ET will also recommend to the Contractor about the environmental toolbox topics on the abovementioned key issues for the coming month.

1. INTRODUCTION

1.1 BACKGROUND

Tung Chung New Town Extension (TCNTE) is one of the major initiatives under the Government's multi-pronged approach to increase land supply to meet Hong Kong's medium- to long-term needs for housing, economic and social developments. The Environmental Impact Assessment (EIA) Report for TCNTE (Register No. AEIAR-196/2016) was approved on 8 April 2016 and the Environmental Permit (EP) No. EP-519/2016, covering the construction and operation of TCNTE, was granted on 9 August 2016. The EIA Report and EP cover both Tung Chung East (TCE) and Tung Chung West (TCW).

ERM-Hong Kong, Limited (ERM) is commissioned to undertake the role of Environmental Team (ET) for the construction and operation of TCE Project ("the Project") in accordance with the requirements specified in the EP, Updated Environmental Monitoring and Audit (EM&A) Manual ⁽¹⁾, EIA Report of the TCNTE project ⁽²⁾ and other relevant statutory requirements.

The TCNTE comprises the following elements:

(a) TCE Project

1. Reclamation of the seabed by a non-dredged method at TCE to form a total of about 130 hectares of land;
2. Construction of about 4.9 kilometers of seawalls, with an eco-shoreline, three drainage box culvert outfalls, three circulation drains and a seawater intake at TCE;
3. Provision of infrastructure for Tung Chung Area 58, including construction of a single two-lane road with a footpath and the associated utility works;
4. Construction of proposed open space;
5. Construction of roads, footpaths, cycle tracks and the associated junction / road improvement works;
6. Engineering infrastructure works covering drainage, sewerage, waterworks (including a fresh water service reservoir, a salt water service reservoir and a salt water pumping station), common utility tunnels and landscaping works; and
7. Implementation of environmental mitigation measures and environmental monitoring and audit programme for the works.

(b) TCW Project

1. Site formation works at TCW;
2. Construction of proposed open space;
3. Construction of the River Park including a visitor centre at TCW; and
4. Construction of sustainable urban drainage systems at TCW.

⁽¹⁾ ERM (2018a). Updated Environmental Monitoring and Audit Manual for Tung Chung New Town Extension. Deposited to EPD under EP-519/2016

⁽²⁾ Arup (2015). Environmental Impact Assessment Report for Tung Chung New Town Extension. Deposited to EPD under Register No. AEIAR-196/2016

The locations of Contracts 1, 2, 3 and 7 are shown in *Figure 1.1 to 1.4*. The construction and the reclamation related marine works of Contract 1 commenced on 9 and 13 July 2018, respectively and was completed on 8 September 2025. The construction of Contracts 2, 3 and 7 commenced on 4 September 2021, 5 November 2021 and 15 March 2022, respectively.

1.2 SCOPE OF THE EM&A REPORT

This is the Monthly EM&A Report for the TCE Project which summarises the key findings of the EM&A programme during the reporting period from 1 to 31 August 2026 for the construction works.

1.3 ORGANIZATION STRUCTURE

The organization structure of the Project is shown in *Annex A*. The key personnel contact names and contact details are summarized in *Table 1.1* below.

TABLE 1.1 CONTACT INFORMATION OF KEY PERSONNEL

Party	Position	Name	Telephone
Environmental Team (ET) (ERM-Hong Kong, Limited)	ET Leader	Kelvin So	3894 9504
	Deputy ET Leader	Raymond Chow	2271 3281
Independent Environmental Checker (IEC) (Binnies Hong Kong Limited)	IEC	Manuel Chua	3894 9807
	Deputy IEC	Edward Lau	3894 9695
Contract No. NL/2020/02 - Tung Chung New Town Extension – Salt Water Supply System (Contract 2)			
Civil Engineering and Development Department	Senior Engineer	Patrick C Y Yeung	2231 4435
	Electrical & Mechanical Engineer	Miki S Y Chung	3894 9524
Engineer's Representative (ER) (AECOM Asia Company Limited)	Principal Resident Engineer	Frankie Fan	3894 9603
	Senior Resident Engineer	Sunny Ng	3894 9605
	Senior Resident Engineer	Vincent Leung	3894 9645
	Resident Engineer	Anson Leung	3894 9677
	Senior Inspector of Works	Thomas Cheung	3894 9708
Contractor (China Geo-Engineering Corporation)	Construction Manager	Ambrose Kwong	6198 7787
	Site Agent	Patrick Lam	9227 9872
	Construction Team Leader	Edward Mok	6498 4306
	Environmental Officer	Fung Ka Bao	9120 1489
	24-hour Complaint Hotline	-	5976 1853
Contract No. NL/2020/03 - Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East (Contract 3)			
Civil Engineering and Development Department	Senior Engineer	Phoebe Tang	2231 4423
	Senior Engineer	Colin K C Wong	2231 4417
	Engineer	Timothy H M Chan	2231 4473
	Engineer	Wing Chen	3894 9704
Engineer's Representative (ER) (AECOM Asia Company Limited)	Principal Resident Engineer	Frankie Fan	3894 9603
	Chief Resident Engineer	Gloria Tang	3894 9639
	Senior Resident Engineer	Winston Wong	3894 9650
	Resident Engineer	Marcus Choi	3894 9649
	Resident Engineer	Anson Yip	3894 9559

Party	Position	Name	Telephone
Contractor (Build King Civil Engineering Limited)	Senior Inspector of Works	Douglas Ng	3894 9737
	Construction Manager	Paul Lui	9095 7922
	Senior Site Agent	Aldous Lo	9225 0368
	Site Agent	Kwong Po Hang	9283 6844
	Construction Team Leader	Qiu Da	5938 8793
	Environmental Officer	Tim Lin	6390 0018
	24-hour Complaint Hotline	-	5976 1853
Contract No. NL/2020/07 - Tung Chung New Town Extension – Tai Ho Interchange (Contract 7)			
Civil Engineering and Development Department	Senior Engineer	Phoebe Tang	2231 4423
	Engineer	S H Leung	2231 4449
Engineer's Representative (ER) (AECOM Asia Company Limited)	Principal Resident Engineer	Frankie Fan	3894 9603
	Senior Resident Engineer	Kelvin Kwan	3894 9641
	Resident Engineer	Kingsley Ho	3894 9552
	Resident Engineer	Jessie Tang	3894 9678
	Senior Inspector of Works	C K Liu	3894 9733
Contractor (Build King Civil Engineering Limited)	Site Agent	Vincent Kwan	9833 1313
	Deputy Site Agent	Andy Chung	9878 0870
	Construction Team Leader	Vincent Lo	9883 9229
	Environmental Officer	Nash Wong	9810 1946
	24-hour Complaint Hotline	-	5976 1853

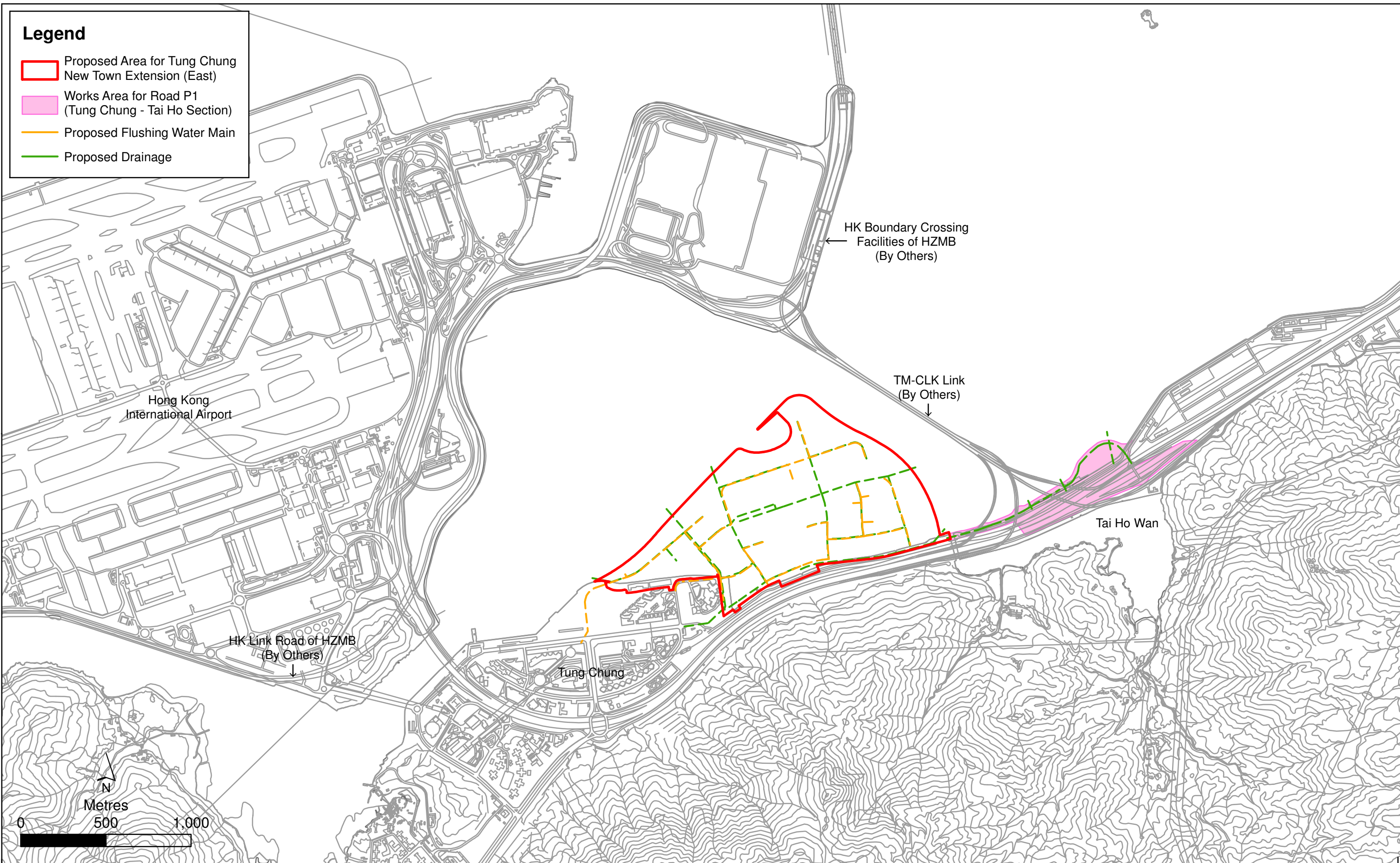


Figure 1.1
 Location of Contract No. NL/2017/03 - Tung Chung New Town Extension - Reclamation and Advance Works (Contract 1)

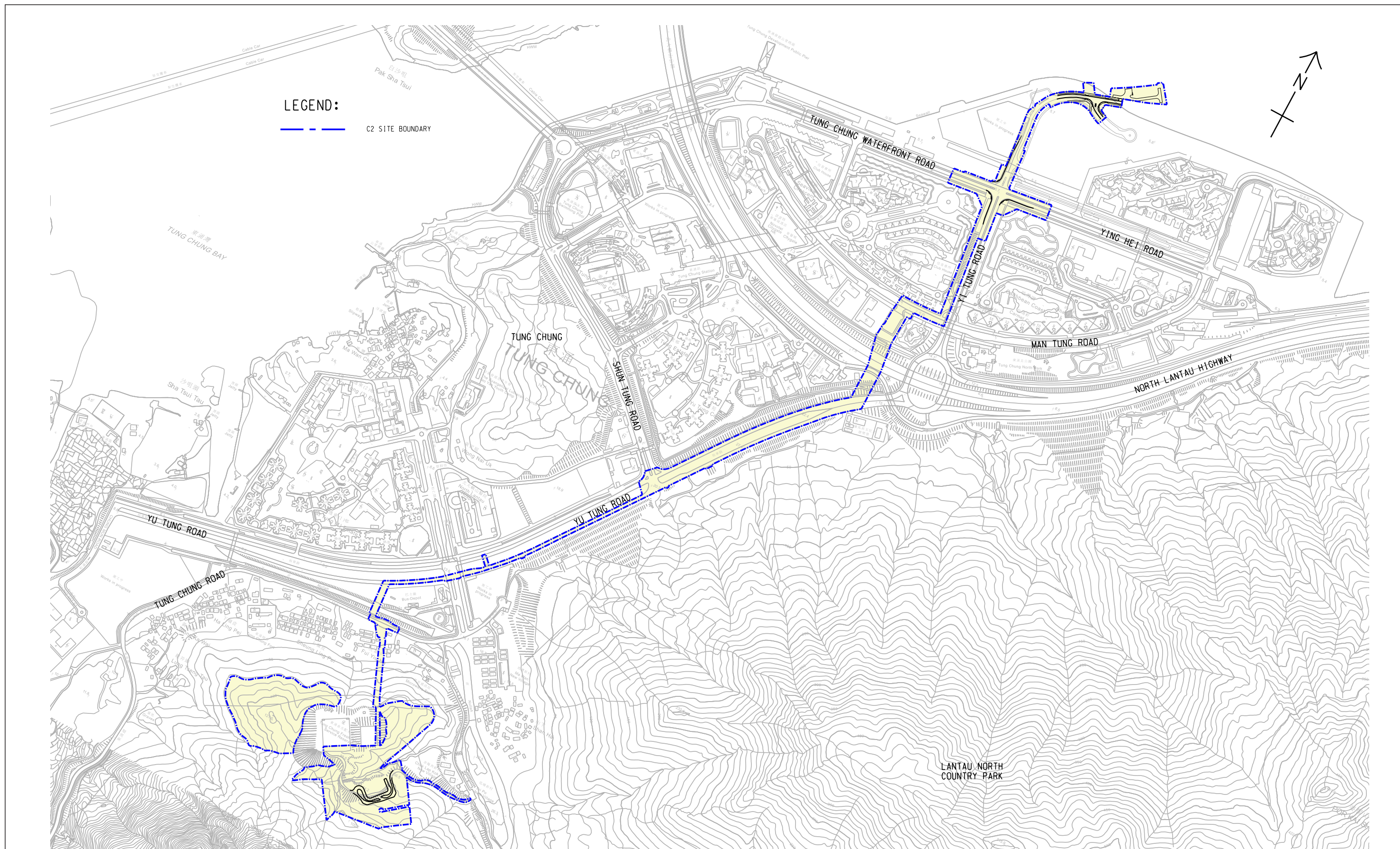


Figure 1.2 Location of Contract No. NL/2020/02 - Tung Chung New Town Extension – Salt Water Supply System (Contract 2)

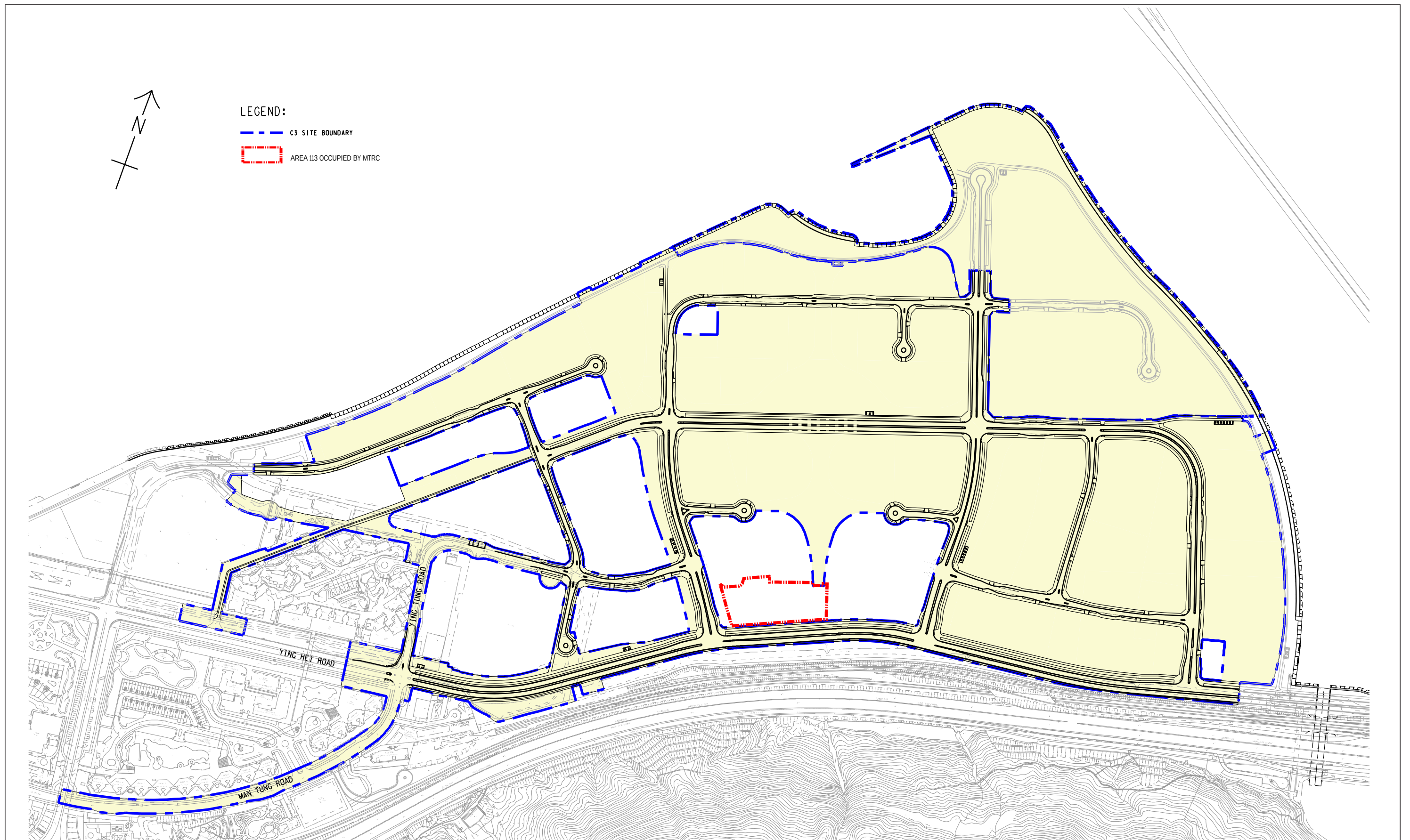


Figure 1.3

Location of Contract No. NL/2020/03 - Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East (Contract 3)

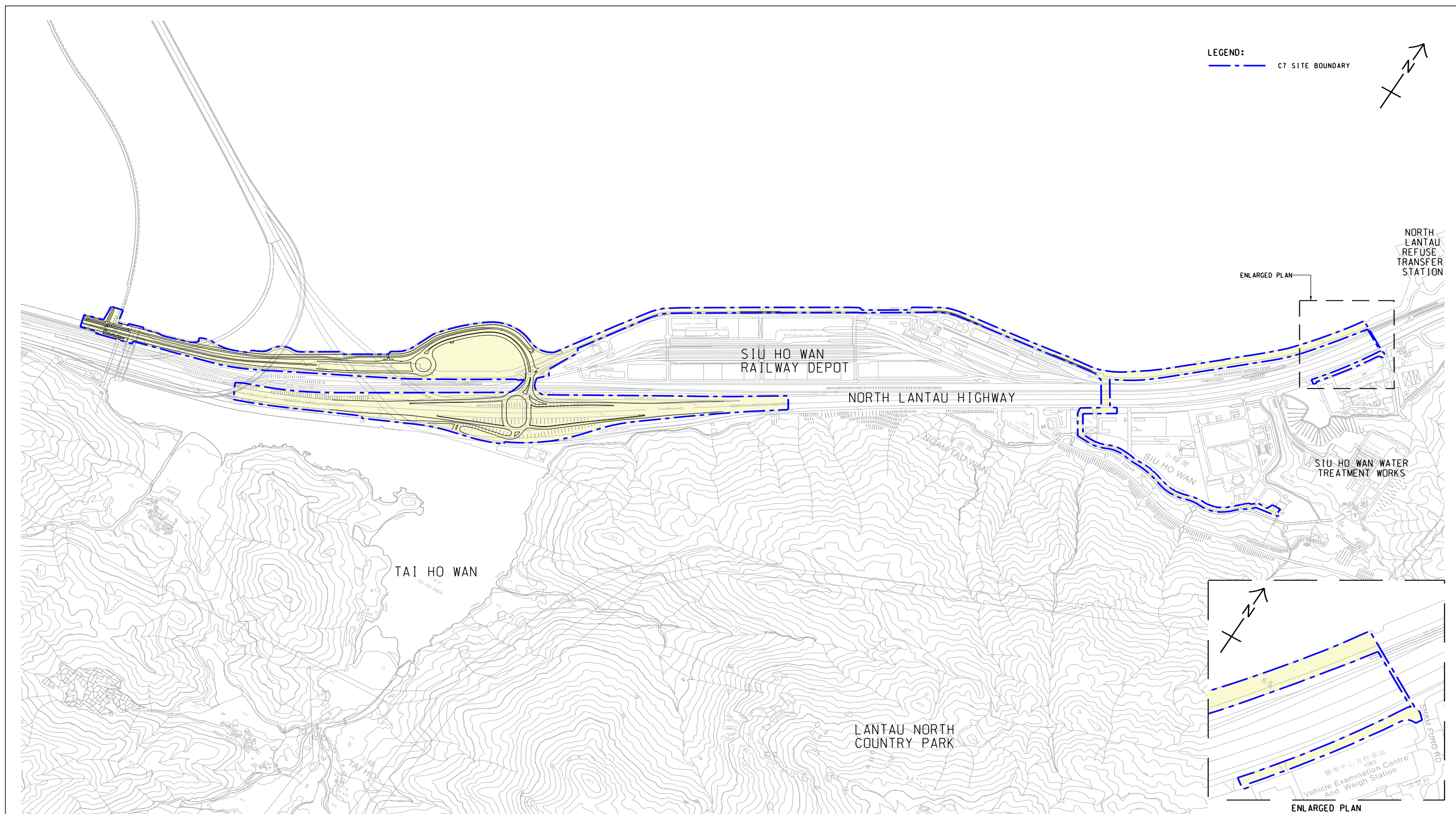


Figure 1.4

Location of Contract No. NL/2020/07 – Tung Chung New Town Extension – Tai Ho Interchange (Contract 7)

1.4 SUMMARY OF CONSTRUCTION WORKS

As informed by the Contractor, details of the major works carried out in this reporting period are listed below:

TABLE 1.2 MAJOR ACTIVITIES IN THE REPORTING PERIOD

Activities	Key Issues	Key Mitigation Measures
Contract No. NL/2020/02 - Tung Chung New Town Extension – Salt Water Supply System (Contract 2)		
Land-based Works		
- Construction of fence wall for pumping station at Portion 6 - Slope works, road and drain works for SWSR at Portion 3 - Remedial and Outstanding Works of SWSR at Portion 3 - Overall CCTV survey on new laid watermain	- Dust emission - Handling and storage of C&D materials generated from construction activities - Noise from plant operation - Emission of dark smoke from PMEs - Efficiency of wastewater and drainage management - Tree protection	- Good site practices - Regular water spraying on stockpiles, unpaved haul road and land filling area - Provide tarpaulin sheets coverage on stockpiles - Sorting and reuse of C&D materials as far as practicable - Use of QPME and noise barrier/acoustic mat - Regular maintenance of PMEs - Implementation of wastewater and drainage management - Retain and protect all existing trees and vegetation within the study area which are not directly affected by the works
Contract No. NL/2020/03 - Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East (Contract 3)		
Land-based Works		
- Excavation and ELS works at Portion 104 - Excavation and ELS works at CUT no.1, 2, 3, 4 and supporting building - Construction works for CUT no. 1 and 3 structure - UU laying works in CUT 1,2,3 - Back-filling works for CUT 2 - Construction works and furniture installation of PM office at WA9 - Construction works of Contractor office at WA6	- Dust emission - Handling and storage of C&D materials generated from construction activities - Noise from plant operation - Emission of dark smoke from PMEs - Efficiency of wastewater and drainage management	- Good site practices - Regular water spraying on stockpiles, unpaved haul road and land filling area - Provide tarpaulin sheets coverage on stockpiles - Sorting and reuse of C&D materials as far as practicable - Use of QPME and noise barrier/acoustic mat - Regular maintenance of PMEs

Activities	Key Issues	Key Mitigation Measures
• Drainage, Sewerage and watermain works at Road L5, L7, L8, L9, D4 and D5 and Portion 16 • DCS works at Road L5, D4 and L7. • Pipe laying works for twin rising mains/ watermain laying at Man Tung Road • Preparation and pipe jacking works at Ying Tung Road • Pipe jacking works at Yi Tung Road • Backfilling works for noise barrier at Portion 11 • Road and drainage works in Road P1 • Road works in Road L3, L4 and L5 • Road widening works at Ying Hei Road • ELS for SIBC construction • Construction for BC3 at Portion 22B • Pipe pile installation at underpass D1		• Implementation of wastewater and drainage management

Contract No. NL/2020/07 - Tung Chung New Town Extension – Tai Ho Interchange (Contract 7)

Land-based Works

• Final pressure test for rising mains and 600SW at Portion 146-1 to 146-11 • Road and Drainage works , street furniture at SR-A1 to A5 at Portion 31 • Drainages works at Portion 146-3 • Smart lamp poles ducting laying and footings at Road P1 footpath at 146-3,146-4 146-7 and 146-11, 146-12 • Formation for Road P1 footpath and cycle track at 146-3, 146-4, and 146-11 • Irrigation pipes at P1 road • Smart Lamp poles at P1 road • Backfilling soil mix at P1 road dwarf wall • Pak Mong Bridge insitu deck and furniture • Roads reinstatement at Portion 32 Depot section	• Dust emission • Handling and storage of C&D materials generated from construction activities • Noise from plant operation • Emission of dark smoke from PMEs • Efficiency of wastewater and drainage management • Tree protection	• Good site practices • Regular water spraying on stockpiles, unpaved haul road and land filling area • Provide tarpaulin sheets coverage on stockpiles • Sorting and reuse of C&D materials as far as practicable • Use of QPME and noise barrier/acoustic mat • Regular maintenance of PMEs • Implementation of wastewater and drainage management • Retain and protect all existing trees and vegetation within the study area which are not directly affected by the works
--	--	---

Activities	Key Issues	Key Mitigation Measures
• RC works and drainage works at SR6 eastbound near Wall D • Parapet Transition construction at RW-R7, A1 and A2 • Parapet construction RW-R5 and Wall D Bay • Road works at Bridge C and Approaching Box Structures • Earthworks casting yard A2 • Asphalt paving, kerbs and concrete profile barriers installation for Road P1 at 146-2, 146-3 • Site clearance within site boundary		

The environmental mitigation implementation schedule is presented in *Annex B*.

1.5 SUMMARY OF EM&A PROGRAMME REQUIREMENTS

The status for all environmental aspects is presented in *Table 1.3*. The EM&A requirements remained unchanged during the reporting period.

TABLE 1.3 SUMMARY OF STATUS FOR THE ENVIRONMENTAL ASPECTS UNDER THE UPDATED EM&A MANUAL

Parameters	Status
Air Quality	
Baseline Monitoring	The results of baseline air quality monitoring for TCE were reported in Baseline Monitoring Report and submitted to EPD under EP Condition 3.4
Impact Monitoring	On-going for TCE, monitoring conducted three times every six days
Noise	
Baseline Monitoring	The results of baseline noise monitoring for TCE were reported in Baseline Monitoring Report and submitted to EPD under EP Condition 3.4
Impact Monitoring	On-going for TCE, monitoring conducted once per week
Impact Monitoring for Road Traffic Noise during Operational Phase	To be conducted during operational phase
Fixed Noise Commissioning Test	Under implementation by the Contractor of Contract 3
Water Quality	
Baseline Monitoring	The results of baseline water quality monitoring for TCE were reported in Baseline Monitoring Report and submitted to EPD under EP Condition 3.4
Impact Monitoring	Suspended for TCE with approval from EPD
Waste Management	
Waste Monitoring	On-going
Land Contamination	
Contamination Assessment Plan (CAP), Remediation Action Plan (RAP) and Remediation Report (RR)	To be conducted under TCW. Refer to the EM&A Reports of TCW.
Ecology	
Monitoring for Compensation Woodland	Compensation Woodland Planting was completed on 30 September 2022. On-going, monitoring conducted quarterly. The handover for woodland compensation from Contract No. NL/2020/C2 to Contract No. NL/2020/03 was conducted on 12 June 2025. Quarterly post-planting monitoring report was submitted to EPD on 19 August 2026.
Monitoring for Emergent Plant inside the future River Park	To be conducted under TCW. Refer to the EM&A Reports of TCW.
Monitoring for Translocated Amphibians of Conservation Importance	To be conducted under TCW. Refer to the EM&A Reports of TCW.

Parameters	Status
Monitoring for Preserved/Transplanted Plant Species of Conservation Importance	On-going, for preserved plant species, monitoring conducted once per month; for transplanted plant species, replacement planting was carried out on 28 April 2023 and 19 September 2023. Monitoring conducted once per month for the first year, and quarterly from second year onwards until land handover
Monitoring for Tung Chung Stream EIS and Wong Lung Hang EIS	To be conducted under TCW. Refer to the EM&A Reports of TCW. Monitoring for Wong Lung Hang was not required and the proposal was accepted by EPD on 2 September 2021
Eco-shoreline Monitoring	Third year wet season monitoring was conducted on 3, 18 and 19 August 2026. The third year dry season monitoring report was submitted to AFCD and EPD on 3 June 2026.
Tung Chung Bay and Tai Ho Wan Baseline Monitoring	The results of baseline soft shore ecological monitoring at Tung Chung Bay and Tai Ho Wan were reported in Baseline Monitoring Report and submitted to EPD under EP Condition 3.4
Tung Chung Bay and Tai Ho Wan Impact Monitoring	Completed
Tung Chung Bay and Tai Ho Wan Post-construction Monitoring	Completed
Landscape and Visual	
Baseline Monitoring	The results of baseline landscape and visual monitoring were reported in Baseline Monitoring Report and submitted to EPD under EP Condition 3.4
Impact Monitoring	On-going
Site Environmental Audit	
Regular Site Inspection	On-going
Dolphin Watching Plan implementation measures	Completed
Works Vessel Travel Route Plan implementation measures	Completed
Silt Curtain Deployment Plan implementation measures	All silt curtain was removed in accordance with the Silt Curtain Deployment Plan and after obtaining the acceptance from EPD
Spill Response Plan implementation measures	Completed
Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance implementation measures	Under implementation by the Contractor of Contract 2
Detailed Compensatory Woodland Planting Plan implementation measures	Under implementation by the Contractor of Contract 3
Waste Management Plan implementation measures	Under implementation by the Contractor of Contract 2, 3 and 7
Complaint Hotline and Email Channel	Under implementation by the Contractor of Contract 2, 3 and 7
Environmental Log Book	On-going

Taking into account the construction works, impact monitoring of air quality, noise and waste management were carried out in the reporting period. The monitoring schedule of air quality and noise are provided in *Annex E2* and *Annex F2* respectively.

The EM&A programme also involved environmental site inspections and related auditing conducted by the ET for checking the implementation of the required environmental mitigation measures recommended in the approved EIA Report and relevant EP submissions, including Complaint Management Plan, Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance, and Waste Management Plan.

To promote the environmental awareness and enhance the environmental performance of the contractors, environmental trainings and regular environmental management meetings were conducted during the reporting period, which are summarized as below:

- Three (3) environmental management committee meetings were held among the relevant contractors, ER, ET, IEC and CEDD on 19 August 2026 (for Contract 2 and 3) and 11 August 2026 (for Contract 7);
- Environmental toolbox trainings on formwork and falsework, site clearance on 4 and 18 August 2026 were conducted for Contract 2;
- Environmental toolbox trainings on waste collection, handling and disposal, construction dust and suppression, construction noise and suppression, wastewater handling, discharge and treatment facilities, breaking, drilling, cutting and polishing, loading, unloading and transfer of material, handling and storage of chemicals, anti-mosquito control measures on 4, 6, 11, 13, 18, 20, 25 and 27 August 2026 were conducted for Contract 3;
- Environmental toolbox trainings on shotcreting, steel works, concreting, grouting on 5, 12, 19, and 26 August 2026 were conducted for Contract 7.

1.6 STATUS OF STATUTORY ENVIRONMENTAL COMPLIANCE WITH THE ENVIRONMENTAL PERMIT

The status of statutory environmental compliance with the EP conditions under the EIAO, submission status under the EP and implementation status of mitigation measures are presented in *Annex C*.

1.7 STATUS OF OTHER STATUTORY ENVIRONMENTAL REQUIREMENTS

The environmental licenses and permits, including environmental permit, discharge license under Water Pollution Control Ordinance, registration as chemical waste producer, construction noise permit and specified processes license, which were valid in the reporting period are presented in *Annex D*. No non-compliance with environmental statutory requirements was recorded.

2. EM&A RESULTS FOR TUNG CHUNG EAST

The works area in Area 113 has been handed over to MTRC since 24 March 2025. The corresponding environmental monitoring, site inspection, environmental complaint handling and EM&A reporting in the above-mentioned works area will be covered by EM&A programme of TUE and carried out by existing ET and IEC of TUE.

2.1 AIR QUALITY

2.1.1 MONITORING REQUIREMENTS AND EQUIPMENT

According to the Updated EM&A Manual of the Project, impact air quality monitoring in terms of 1-hour Total Suspended Particulate (TSP) was conducted three (3) times every six (6) days when the highest dust impact was expected. The Action and Limit Levels of the air quality monitoring is provided in *Table 2.1* below.

TABLE 2.1 ACTION AND LIMIT LEVELS FOR 1-HOUR TSP

Location	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
Monitoring station for Tung Chung East	279	500

Portable direct reading dust meters were used to measure 1-hour TSP levels in undertaking the air quality monitoring for the Project. The proposed use of portable direct reading dust meters was submitted to IEC and obtained agreement from the IEC as stated in Section 5.5 of the Updated EM&A Manual. With the use of direct reading dust meter, it can allow prompt and direct results for the EM&A reporting and the implementation of the event and action plan. The portable direct reading dust meter would be calibrated every year against High Volume Sampler (HVS) to check the validity and accuracy of the results measured by direct reading method.

The monitoring location and equipment used in the impact air quality monitoring programme are summarized in *Table 2.2* and illustrated in *Figure 2.1*. Copies of the calibration certificates for the equipment are presented in *Annex E1*, which showed that the portable direct reading dust meter is capable of providing comparable results with that provided by a HVS.

TABLE 2.2 AIR QUALITY MONITORING DETAILS

Monitoring Station	Location	Parameter	Frequency and Duration	Monitoring Dates	Equipment
DM-1	Tung Chung Area 56 – Ying Tung Estate	1-hour TSP	Three times per six days during the construction period of the Project	1, 7, 13, 19, 25, and 31 August 2026	1-hour TSP Dust Meter SIBATA LD-5R (S/N: 781281)

Note: It should be noted that impact monitoring at other construction dust monitoring locations at TCE as stated in the Updated EM&A Manual will commence after the flat intake (for Monitoring Stations DM-2, DM-3 and DM-4).

2.1.2 MONITORING SCHEDULE FOR THE REPORTING MONTH

The schedule for air quality monitoring during the reporting period is provided in *Annex E2*.

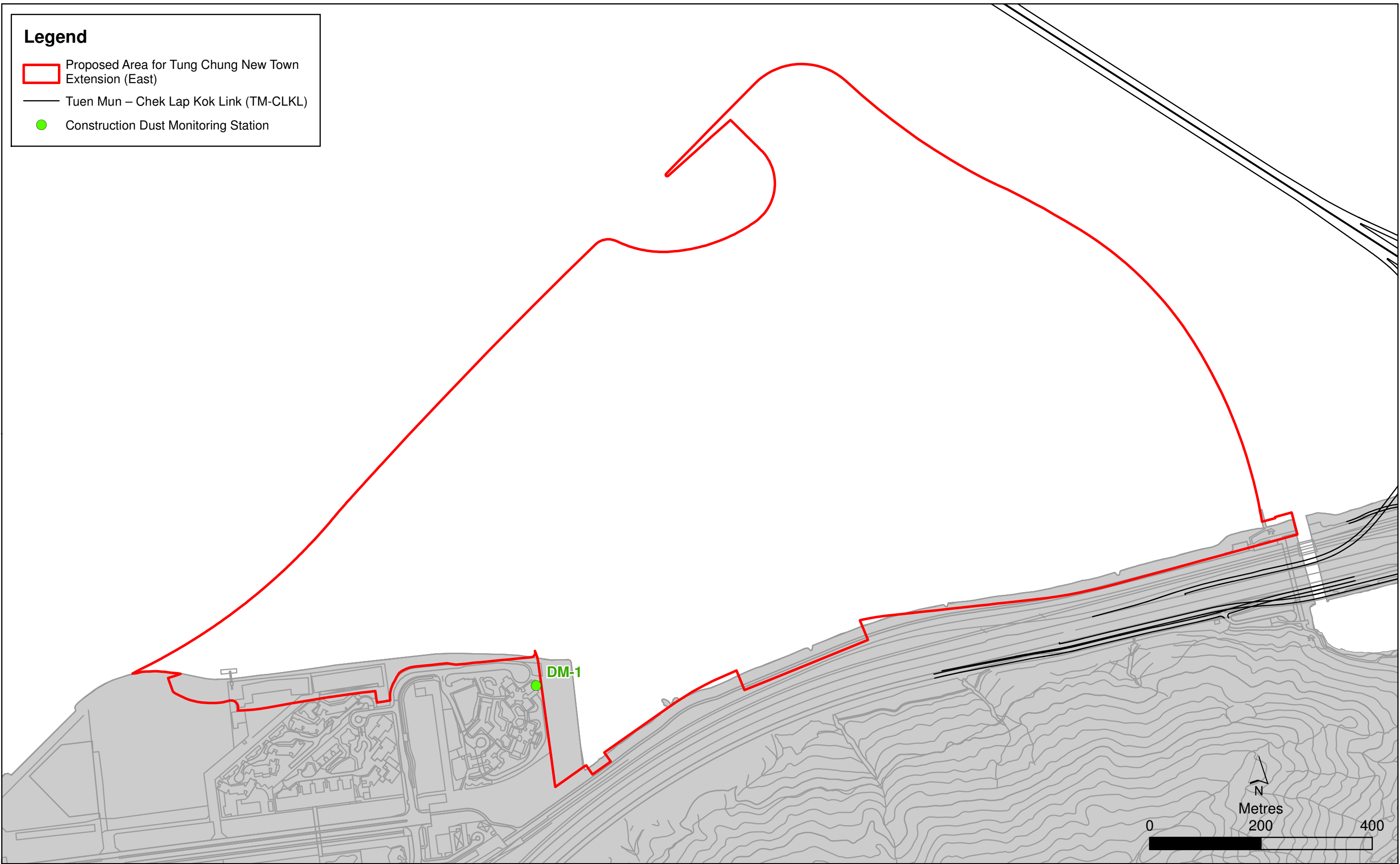


Figure 2.1

Construction Dust Monitoring Station Location

2.1.3 RESULTS AND OBSERVATIONS

The monitoring results for 1-hour TSP are summarized in *Table 2.3*. The monitoring data and the graphical presentation are provided in *Annex E3*.

TABLE 2.3 SUMMARY OF 1-HOUR TSP MONITORING RESULTS IN THE REPORTING PERIOD

Monitoring Station	Average ($\mu\text{g}/\text{m}^3$)	Range ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
DM-1	32	27-39	279	500

Major dust sources in the reporting period included haul road traffic and excavation under the Project and nearby construction sites.

No exceedance of Action and Limit Levels was recorded for construction air quality monitoring in the reporting period. No action was thus required to be undertaken in accordance with the Event and Action Plan presented in *Annex E4*.

2.2 NOISE MONITORING

2.2.1 MONITORING REQUIREMENTS AND EQUIPMENT

According to the Updated EM&A Manual of the Project, impact noise monitoring was conducted once per week during the construction phase of the Project. The Action and Limit Level for construction noise of the Project is provided in *Table 2.4* below.

TABLE 2.4 ACTION AND LIMIT LEVELS FOR CONSTRUCTION NOISE

Time Period	Action Level	Limit Level
0700 - 1900 hours on normal weekdays	When one documented complaint is received	75 dB(A) ^{a, b}

Note:

- a Limit level is exceeded when $\text{Leq} \geq 75 \text{ dB(A)}$. 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.
- b Reduce to 70 dB (A) for schools and 65 dB (A) during school examination periods.

Noise monitoring was performed using sound level meter at the designated monitoring stations NMS-CA-1A ⁽³⁾ ⁽⁴⁾ and NMS-CA-4 (*Figure 2.2; Table 2.5*) in accordance with the requirements stipulated in the Updated EM&A Manual. Acoustic calibrator was deployed to check the sound level meters at a known sound pressure level. Details of the deployed equipment are provided in *Table 2.5*. Copies of the calibration certificates for the equipment are presented in *Annex F1*.

⁽³⁾ Impact monitoring at monitoring station NMS-CA-1A commenced on 19 September 2018 in view of the close vicinity of the construction works near the residential area at Century Link.

⁽⁴⁾ Due to land handover issue, NMS-CA-1A was relocated to Ying Hong Road which is located 60m away from the original location. Proposal on the relocation of NMS-CA-1A was approved by IEC on 23 November 2018. Noise monitoring at the relocated location commenced since 24 November 2018.

Legend

-  Proposed Area for Tung Chung New Town Extension (East)
-  Tuen Mun – Chek Lap Kok Link (TM-CLKL)
-  Construction Airborne Noise Monitoring Station

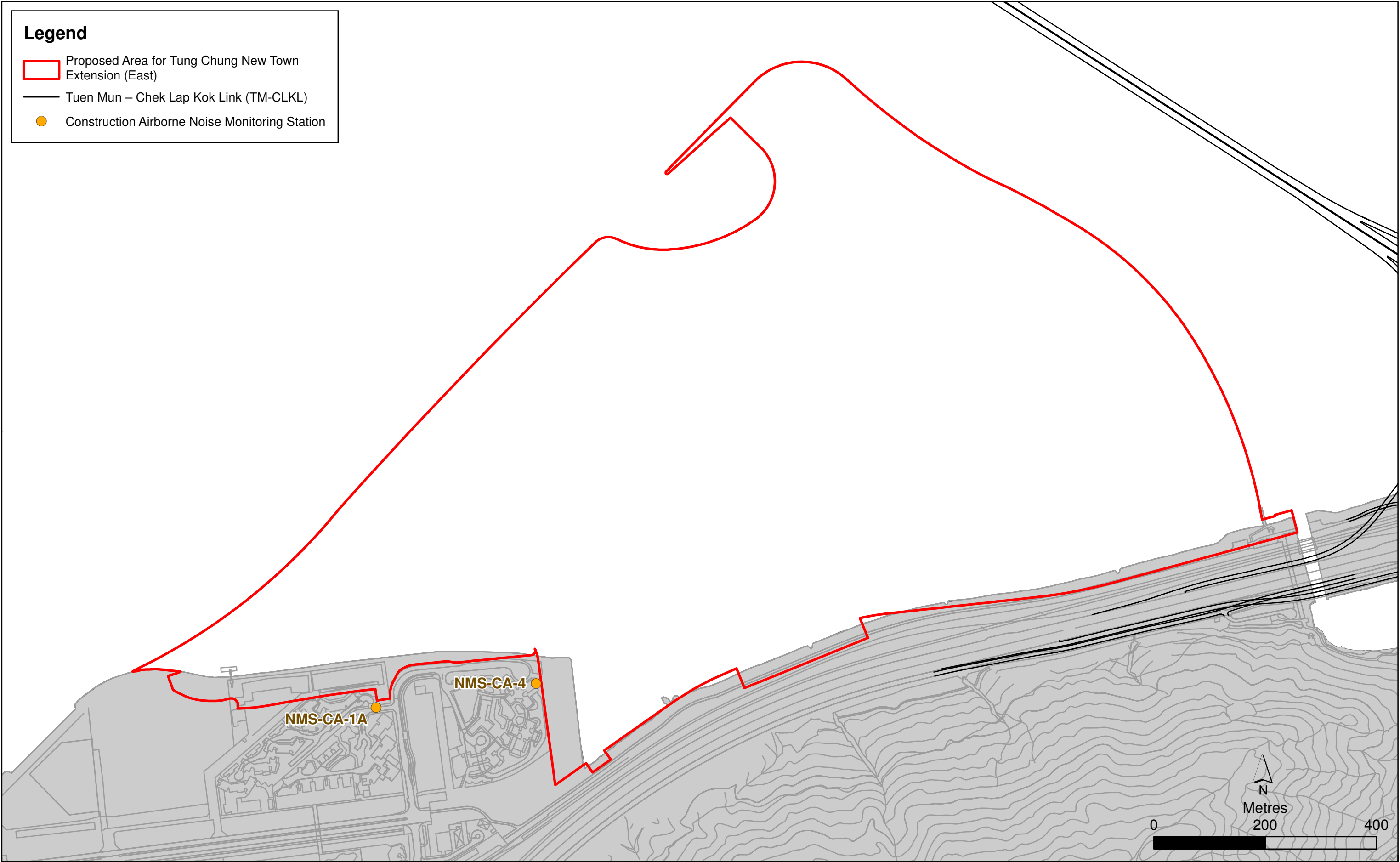


Figure 2.2

Construction Airborne Noise Monitoring Station Location

(Note : Due to land handover issue, NMS-CA-1A was relocated to Ying Hong Road which is located 60m away from the original location. Noise monitoring at the relocated location commenced since 24 November 2018.)



TABLE 2.5 NOISE MONITORING DETAILS

Monitoring Station ^a	Location	Parameter	Frequency and Duration	Monitoring Dates	Equipment
NMS-CA-1A ^b	Residential premise in Tung Chung East – Century Link/Ying Hong Road ^c	30-minute measurement between 0700 and 1900 on normal weekdays (Monday to Saturday). L_{eq} , L_{10} and L_{90} would be recorded.	Once per week for 30 mins during the construction period of the Project	1, 7, 13, 19, 25, and 31 August 2026	Sound Level Meter: Rion NL-52 (S/N: 00175561)
NMS-CA-4	Residential premise in the reclamation area next to Tung Chung East – Ying Tung Estate				Acoustic Calibrator: LARSON DAVIS CAL200 (S/N: 11334)

Note:

- a It should be noted that impact monitoring at other construction noise monitoring locations at TCE as stated in the Updated EM&A Manual will commence after the flat intake of residential premise in TCE (for Monitoring Station NMS-CA-1) and operation of schools (for Monitoring Stations NMS-CA-2 and NMS-CA-3).
- b Impact monitoring at monitoring station NMS-CA-1A commenced on 19 September 2018 in view of the close vicinity of the construction works near the residential area at Century Link.
- c Due to land handover issue, NMS-CA-1A was relocated to Ying Hong Road which is located 60m away from the original location. Proposal on the relocation of NMS-CA-1A was approved by IEC on 23 November 2018. Noise monitoring at the relocated location commenced since 24 November 2018.

2.2.2 MONITORING SCHEDULE FOR THE REPORTING MONTH

The schedule for noise monitoring during the reporting period is provided in *Annex F2*.

2.2.3 RESULTS AND OBSERVATIONS

Results for noise monitoring are summarized in *Table 2.6*. The monitoring data and the graphical presentation are provided in *Annex F3*.

TABLE 2.6 SUMMARY OF CONSTRUCTION NOISE MONITORING RESULTS IN THE REPORTING PERIOD

Monitoring Station	Average, dB(A), L_{eq} (30mins)	Range, dB(A), L_{eq} (30mins)	Limit Level, dB(A), L_{eq} (30mins)
NMS-CA-1A	64.6	63.8-65.6	75
NMS-CA-4	67.2	64.6-69.6	75

Major noise sources during the noise monitoring included noise from plant operation, craning, haul road traffic, nearby traffic and aircraft as well as nearby construction sites.

No exceedance of Action and Limit Levels was recorded for construction air quality monitoring in the reporting period. No action was thus required to be undertaken in accordance with the Event and Action Plan presented in *Annex F4*.

2.3 WATER QUALITY MONITORING

No monitoring event for impact water quality monitoring was conducted at all designated monitoring stations during the reporting period. Water quality monitoring has been suspended since 3 October 2023 as all reclamation works and marine construction activities have been completed.

2.4 COMPENSATION WOODLAND MONITORING

Compensation woodland planting under Contract 2 was completed on 30 September 2022. With the approval from EPD on the monitoring proposal in August 2023, quarterly post-planting monitoring for compensation woodland was commenced in September 2023. Quarterly post-planting monitoring report was submitted to EPD on 19 August 2026. Three years post-planting monitoring for the compensation woodland was completed in June 2026⁽⁵⁾. Photographic record of the compensation woodland planting is provided in *Annex G*.

2.5 PRESERVED/TRANSPLANTED PLANT SPECIES OF CONSERVATION IMPORTANCE MONITORING

Plant species of conservation importance, including three individuals of *Aquilaria sinensis* and 33 individuals of *Gmelina chinensis*, were identified within works areas for Contract 2 during the survey conducted in August 2021. All individuals of *Aquilaria sinensis* and 31 individuals of *Gmelina chinensis* were recommended being preserved *in-situ* while two individuals of *Gmelina chinensis* (RT-07 and RT-08) were recommended being transplanted to the receptor site in accordance with the Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance approved under Condition 2.21 of EP-519/2016.

Initial tree survey was conducted in September 2021 under Contract No. NL/2020/02 before the commencement of construction works. According to the initial tree survey conducted, the *in-situ* preserved plant species of conservation importance of which one individual of *Aquilaria sinensis* and six individuals of *Gmelina chinensis* were found missing.

During the monthly monitoring of the *in-situ* preserved plant species of conservation importance in November 2023, one individual of *Aquilaria sinensis* and one individual of *Enkianthus quinqueflorus* were newly observed and recommended being preserved *in-situ*. Registration and measurement for two additional trees were conducted on 4 December 2023.

2.5.1 PRESERVED PLANT SPECIES OF CONSERVATION IMPORTANCE

Monthly monitoring of the *in-situ* preserved plant species of conservation importance by the Qualified Personnel (QP) appointed under Contract 2 was implemented in the reporting period. Health condition was considered fair for the majority of the *in-situ* preserved plant species of conservation importance, of which two individuals of *Gmelina chinensis* could not be monitored as a result of unsafe access to the locations, as recorded during the monitoring carried out on 31 August 2026.

Tree protection zones for the *in-situ* preserved plant species of conservation importance were demarcated. No injuries and/or damages to the individuals of the *in-situ* preserved plant species of conservation importance were reported by the QP since the previous monitoring events. Photographic record and tree schedule of the preserved plant species of conservation importance monitoring are provided in *Annex H1*.

The ET will continue to monitor the implementation of monitoring of *in-situ* preserved plant species of conservation importance.

⁽⁵⁾ Starting from June 2025, the quarterly post-planting monitoring report would be prepared under Contract 3.

2.5.2 TRANSPLANTED PLANT SPECIES OF CONSERVATION IMPORTANCE

Site visit to the receptor site for the transplanted plant species of conservation importance under Contract 2 was carried out on 20 January 2022 prior to the commencement of transplantation works for the transplanted plant species of conservation importance on 21 January 2022.

The transplanted plant species of conservation importance were both certified as dead trees by the QP on 15 June 2022 as no living signs were observed. Replacement planting of new trees of the same species, or other species to the satisfaction of the Project Manager, at the Contractors' expense would be deemed necessary in accordance with the conditions under the approved Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance. Replacement planting of three (3) *Aquilaria sinensis* were completed on 28 April 2023. One (1) individual was certified dead by the QP as no living signs were observed on 26 July 2023. The removal of the dead tree and replanting of one (1) individual of *Aquilaria sinensis* were completed on 19 September 2023.

The establishment period of two (2) individuals of *Aquilaria sinensis* was ended on 27 April 2024 and one (1) individual of *Aquilaria sinensis* was ended on 18 September 2024.

Monitoring of the replacement planting will be conducted once per month for the first year, and quarterly from second year onwards until land handover. No quarterly monitoring of three (3) individuals of *Aquilaria sinensis* were scheduled during the reporting period.

ET will continue to monitor the implementation of monitoring of in-situ preserved/ transplanted plant species of conservation importance.

2.6 ECO-SHORELINE MONITORING

The construction of vertical eco-shoreline, mangrove eco-shoreline and rocky eco-shoreline has been substantially completed. Photographic record is provided in *Annex I*.

The third year dry season monitoring and annual report were submitted to AFCD and EPD on 3 June 2026.

Third year wet season monitoring of ichthyoplankton was conducted using plankton net on 3 August 2026 while monitoring of juvenile fish was conducted using purse seine on 18 and 19 August 2026. Monitoring is conducted for at least 3 years after the completion of eco-shoreline, twice in wet season and twice in dry season, while ichthyoplankton and juvenile fish monitoring will be conducted on a monthly basis covering May to August for at least 3 years, in order to determine the effectiveness of the eco-shoreline in accordance with the Updated EM&A Manual and Eco-shoreline Implementation Plan.

2.7 SOFT SHORE ECOLOGICAL MONITORING

The post-construction soft shore ecological monitoring has been conducted for 2 years since the completion of construction. As no significant changes in density or the distribution pattern of horseshoe crab, seagrass and intertidal soft shore communities were observed throughout the construction and post-construction phase, the last round of the soft shore ecological monitoring was completed in September 2025.

2.8 EM&A SITE INSPECTION

Site inspections were carried out on a weekly basis with the Contractor and ER to monitor the implementation of proper environmental pollution control and mitigation measures for air quality, noise, water quality, waste management, landscape and visual impacts and preservation and/or transplantation of plant species of conservation importance under the Project. In the reporting period, four (4) site inspections were carried out on 5, 12, 19 and 26 August 2026 for Contract 2, four (4) site inspections were carried out on 7, 14, 19 and 28 August 2026 for Contract 3 and four (4) site inspections were carried out on 4, 11, 18 and 25 August 2026 for Contract 7.

Key observations during the site inspections are summarized in *Table 2.7*.

TABLE 2.7 KEY OBSERVATIONS IDENTIFIED DURING THE SITE INSPECTION IN THIS REPORTING MONTH

Contract No.	Inspection Date	Environmental Observations	Recommendations/ Remarks
Contract 2	5 and 12 August 2026	Portion 3, 6 No deficiency was observed.	Nil.
	19 August 2026	Portion 3 Refuse was observed in drainage.	Portion 3 The Contractor was urged to remove the refuse from drainage and maintain a proper drainage system.
	26 August 2026	Portion 3 Accumulated refuse was observed.	Portion 3 The Contractor was reminded to remove the refuse in a timely manner and maintain good housekeeping.
Contract 3	7 August 2026	Road P1, D5, Underpass No deficiency was observed.	Nil.
	14 August 2026	Road P1 Poor housekeeping was observed.	Road P1 The Contractor was reminded to remove general refuse and maintain good housekeeping.
	19 August 2026	Road P1, CUT 3, D5 No deficiency was observed.	Nil.
	28 August 2026	Road P1, D5 No deficiency was observed.	Nil.

Contract No.	Inspection Date	Environmental Observations	Recommendations/ Remarks
Contract 7	4 August 2026	Portion 31 • Chemical container was observed placing on ground.	Portion 31 • The Contractor was reminded to provide drip trays for chemicals..
	11 August 2026	Portion 30, 146 • Oil drums were observed placing on ground.	Portion 30, 146 • The Contractor was reminded to provide drip trays for chemicals.
	18 August 2026	Portion 30 • Oil drums were observed placing on ground.	Portion 30 • The Contractor was reminded to provide drip trays for chemicals.
	25 August 2026	Portion 30, 146 • Chemical containers and oil drum were observed placing on ground.	Portion 30, 146 • The Contractor was reminded to provide drip trays for chemicals.

The Contractors have rectified all of the observations identified during environmental site inspections in the reporting period. The Contractors were reminded to implement all relevant mitigation measures related to construction dust, construction noise, water quality and waste management outlined in the EIA Report and Updated EM&A Manual.

2.9 WASTE MANAGEMENT STATUS

The Contractors of Contract 2, 3 and 7 have registered as chemical waste producer. Sufficient numbers of receptacles were available for general refuse collection and sorting.

All dump trucks engaged on site was equipped with RTTM system during the reporting period. The Surveillance Team of the ET conducted regular site inspection on the dump trucks and their track records. No illegal dumping and landfilling of C&D materials was found during the reporting period.

Wastes generated during this reporting period include mainly non-inert construction wastes. Reference has been made to the waste flow tables prepared by the Contractors. The quantities of different types of wastes and imported fill materials are summarised in *Table 2.8*.

TABLE 2.8 QUANTITIES OF DIFFERENT WASTE GENERATED AND IMPORTED FILL MATERIALS

Contract No.	Month/ Year	Inert C&D Materials ^a (m ³)	Imported Fill ^b (sand) (m ³)	Imported Fill ^c (public fill) (m ³)	Inert Construction Waste Re-used ^d (m ³)	Non-inert Construction Waste ^e (m ³)	Recyclable Materials ^f (kg)	Chemical Wastes (kg)
TCNTE (East)	1 to 30 Jun 26	71.37	0.0	0.0	5,090.0	280.81	0.0	0.0
	1 to 31 Jul 26	77.78	0.0	0.0	4,055.0	269.93	0.0	0.0
	1 to 31 Aug 26	5.0	0.0	0.0	14,185.0	253.29	18,400.0	0.0

Note:

- a Inert construction wastes include hard rock and large broken concrete, and materials disposed as public fill.
- b Imported materials include of sand fill from any source outside of TCNTE.
- c Imported sorted public fill include all G200, G400 and glass gullet (local recycling materials) from any source outside of TCNTE.
- d Reuse of inert construction waste generated under the TCNTE contracts.
- e Non-inert construction wastes include general refuse disposed at landfill.
- f Recyclable materials include metals, paper, cardboard, plastics and others.

2.10 LANDSCAPE AND VISUAL MONITORING

Implementation of applicable landscape and visual mitigation measures was monitored in accordance with the Updated EM&A Manual. All measures undertaken by the Contractor during the construction phase and establishment work phase shall be audited by ET to ensure compliance with the intended aims of the measures.

The implementation status of the environmental protection measures is summarized below in *Table 2.9*. Examples of landscape and visual mitigation measures are presented in *Annex J1*. The monitoring programme for detailed design, construction and establishment stages is presented in *Table 2.10*. Event and Action Plan for Landscape and Visual impacts is stated in *Annex J2*.

TABLE 2.9 IMPLEMENTATION STATUS OF LANDSCAPE AND VISUAL MITIGATION MEASURES

Landscape and Visual Mitigation Measures during Construction	Implementation Status	Relevant Contract(s) in the Reporting Period
MM1 – Optimization of Construction Areas & Providing Temporary Landscape on Temporary Construction	Implementation of the measures were carried out during the detailed design stage of the Project.	NA
MM2 – Minimize Topographical Changes	Implementation of the measures were carried out during the detailed design stage of the Project.	NA
MM3 – Preservation of Potentially Registerable OVTs, Rare and Protective Vegetation	Tree Protection Specifications were provided in the relevant Contract Specifications respectively for implementation by the Contractors under the Project. The Contractors submitted Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance under EP condition 2.21. The Contractors' performance on the implementation of the tree maintenance and protection measures were observed and checked by the ET weekly during construction period.	All works contracts
MM4 – Transplanting of Existing Trees	Tree Transplanting Specifications were provided in the relevant Contract Specifications respectively for implementation by the Contractors under the Project where trees would unavoidably be affected by the construction works. The Contractors submitted Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance under EP condition 2.21. The transplanted plant species of conservation importance were both certified as dead trees by the QP on 15 June 2022 as no living signs were observed.	Contract 2
MM5 – Screen Hoarding	The implementation of mitigation measures was checked by ET during weekly site inspection. Implementation of the measures by Contractors was observed.	All works contracts
MM6 – Adopting Non-dredge Method for the Reclamation	Not applicable during the reporting period.	NA
MM9 – Providing Natural Rock Material/ Planting for Artificial Seawall	Rock armour reused and construction of eco-shoreline (mangrove eco-shoreline, rocky eco-shoreline and vertical eco-shoreline) in progress. The implementation of mitigation measures was checked by ET during weekly site inspection. Implementation of the measures by Contractors was observed.	Contract 3

Landscape and Visual Mitigation Measures during Construction	Implementation Status	Relevant Contract(s) in the Reporting Period
MM10 – Compensatory Planting	Not applicable during the reporting period.	NA
MM11 – Woodland Restoration	The implementation of mitigation measures was checked by ET during weekly site inspection. Implementation of the measures by Contractors was observed.	Contract 3
MM12 – Screen Planting	Not applicable during the reporting period.	NA
MM13 – Roadside Planting	The implementation of mitigation measures was checked by ET during weekly site inspection. Implementation of the measures by Contractors was observed.	All works contracts
MM14 – Aesthetic Design of Built Development	The implementation of mitigation measures was checked by ET during weekly site inspection. Implementation of the measures by Contractors was observed.	All works contracts
MM15 – Maximise Greening on Structures	The implementation of mitigation measures was checked by ET during weekly site inspection. Implementation of the measures by Contractors was observed.	All works contracts
MM16 – Noise Barrier Design	Not applicable during the reporting period.	NA
MM18 – Landscaping on Slopes	Not applicable during the reporting period.	NA
MM20 – Lighting Control	The implementation of mitigation measures was checked by ET during weekly site inspection. Implementation of the measures by Contractors was observed.	All works contracts

TABLE 2.10 MONITORING PROGRAMME FOR LANDSCAPE AND VISUAL

Stage	Monitoring Task	Monitoring Report	Form of Approval	Frequency
Design	Monitoring of design works against the recommendations of the landscape and visual impact assessments within the EIA should be undertaken by the Engineer and Landscape Architect, to ensure that they fulfil the intentions of the mitigation measures. Any changes to the design, including design changes on site should also be checked	Report by CEDD / ER confirming that the design conforms to requirements of EP.	Approval by Project Proponent	At completion of design stage
Construction	Monitoring of the contractor's operations during the construction period.	Report on Contractor's compliance by ET	Counter-signature of report by IEC	Monthly
Establishment Works	Monitoring of the planting works during the 24-months Establishment Period after completion of the construction works.	Report on Contractor's compliance by ET	Counter-signature of report by IEC	Bi-monthly

2.11 IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURES

A summary of the Environmental Mitigation Implementation Schedule is presented in *Annex B*. The necessary mitigation measures were implemented properly for the Project.

2.12 SUMMARY OF COMPLAINTS, NOTIFICATION OF SUMMONS AND SUCCESSFUL PROSECUTIONS

There was no notification of summons or prosecution recorded in the reporting period.

One (1) environmental complaint related to Contract 3. Investigation was conducted for the environmental complaint in accordance with the complaint handling process as stated in the Complaint Management Plan. Environmental complaint in the reporting period is summarized below.

	Complaint(s)	Investigation/Follow up action(s)
1	Environmental complaint related to Contract 3 regarding dust was received by EPD on 13 August 2026 and referred on 17 August 2026. The complainant complained about dust at Pak Mong Village pedestrian road caused by vehicles in nearby construction site.	According to information provided by the Contractor with confirmation by RSS, no dusty works was conducted at Road P1 and CUT supporting building. Water trucks were deployed for water spraying at Road P1 on hourly basis and would cover all site areas under Contract 3. Exposed slope was also covered by green nets for dust suppression. In addition, the Contractor conducted a joint site inspection with RSS on 20 August 2026 at the complained area. Haul road at Road P1 was observed to be sprayed regularly, effectively mitigating the dust issue. Nevertheless, Contractor conducted a briefing regarding construction dust and suppression to workers and foremen to enhance their dust control awareness on 20 August 2026.

Statistics on complaints, notifications of summons, successful prosecutions are summarised in *Annex K*.

3. FUTURE KEY ISSUES

3.1 CONSTRUCTION PROGRAMME FOR THE COMING MONTH

Works to be undertaken in the next monitoring period of September 2026 are summarized in *Table 3.1* below, together with the key issues and the key mitigation measures:

TABLE 3.1 MAJOR ACTIVITIES FOR THE NEXT REPORTING PERIOD

Activities	Key Issues	Key Mitigation Measures
Contract No. NL/2020/02 - Tung Chung New Town Extension – Salt Water Supply System (Contract 2)		
Land-based Works		
- Slope works, road and drain works for SWSR at Portion 3 - Remedial and Outstanding Works of SWSR at Portion 3 - Overall CCTV survey on new laid watermain	- Dust emission - Handling and storage of C&D materials generated from construction activities - Noise from plant operation - Emission of dark smoke from PMEs - Efficiency of wastewater and drainage management - Tree protection	- Good site practices - Regular water spraying on stockpiles, unpaved haul road and land filling area - Provide tarpaulin sheets coverage on stockpiles - Sorting and reuse of C&D materials as far as practicable - Use of QPME and noise barrier/acoustic mat - Regular maintenance of PMEs - Implementation of wastewater and drainage management - Retain and protect all existing trees and vegetation within the study area which are not directly affected by the works
Contract No. NL/2020/03 - Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East (Contract 3)		
Land-based Works		
- Excavation and ELS works at Portion 104 - Excavation and ELS works at CUT no.1, 2, 3, 4 and supporting building - Construction works for CUT no. 1 and 3 structure - UU laying works in CUT 1,2,3 - Back-filling works for CUT 2 - Construction works and furniture installation of PM office at WA9 - Construction works of Contractor office at WA6	- Dust emission - Handling and storage of C&D materials generated from construction activities - Noise from plant operation - Emission of dark smoke from PMEs - Efficiency of wastewater and drainage management	- Good site practices - Regular water spraying on stockpiles, unpaved haul road and land filling area - Provide tarpaulin sheets coverage on stockpiles - Sorting and reuse of C&D materials as far as practicable - Use of QPME and noise barrier/acoustic mat - Regular maintenance of PMEs - Implementation of wastewater and drainage management

Activities	Key Issues	Key Mitigation Measures
• Drainage, Sewerage and watermain works at Road L5, L7, L8, L9, D4 and D5 and Portion 16 • DCS works at Road L5, D4 and L7. • Pipe laying works for twin rising mains/ watermain laying at Man Tung Road • Preparation and pipe jacking works at Ying Tung Road • Pipe jacking works at Yi Tung Road • Backfilling works for noise barrier at Portion 11 • Road and drainage works in Road P1 • Road works in Road L3, L4 and L5 • Road widening works at Ying Hei Road • ELS for SIBC construction • Construction for BC3 at Portion 22B • Pipe pile installation at underpass D1		

Contract No. NL/2020/07 - Tung Chung New Town Extension – Tai Ho Interchange (Contract 7)

Land-based Works

• Final pressure test for rising mains Portion 146-1 to 34. • Overall pressure for DN1200 FW from C4 boundary at Portion 38 to C3 boundary at 146-1 • Road and Drainage works, street furniture at SR-A1 to A5 at Portion 31 • Directional Sign ELS and RC footings ADS22 • Directional and Traffic Sign installation at Portion 31 • Drainages works at Portion 146-3	• Dust emission • Handling and storage of C&D materials generated from construction activities • Noise from plant operation • Emission of dark smoke from PMEs • Efficiency of wastewater and drainage management • Tree protection	• Good site practices • Regular water spraying on stockpiles, unpaved haul road and land filling area • Provide tarpaulin sheets coverage on stockpiles • Sorting and reuse of C&D materials as far as practicable • Use of QPME and noise barrier/acoustic mat • Regular maintenance of PMEs • Implementation of wastewater and drainage management
---	--	--

Activities	Key Issues	Key Mitigation Measures
• Smart lamp poles ducting laying and footings at Road P1 footpath at 146-3, 146-4 146-7 and 146-11, 146-12 • Formation for Road P1 footpath and cycle track at 146-3, 146-4, and 146-11 • Irrigation pipes at P1 road • Smart Lamp poles installation and cable laying at P1 road • Backfilling soil mix at P1 road dwarf wall • Pak Mong Bridge insitu deck and furniture • Chamfer modification and Roads reinstatement at Portion 32 Depot section • RC works and drainage works at SR6 eastbound near Wall D • Parapet Transition construction at RW-R7, A1 and A2 • Parapet construction RW-R5 and Wall D Bay • Road works at Bridge C and Approaching Box Structures • Soft landscape works at Casting Yard A1 A2 • Asphalt paving, kerbs and concrete profile barriers installation for Road P1 at 146-2, 146-3 • Site clearance within site boundary		• Retain and protect all existing trees and vegetation within the study area which are not directly affected by the works

The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures. The ET will also recommend to the Contractors about the environmental toolbox topics on the abovementioned key issues for the next reporting period.

3.2 MONITORING SCHEDULE FOR THE COMING MONTH

The tentative schedules for environmental monitoring in September 2026 are provided in *Annex L*.

4. CONCLUSION AND RECOMMENDATION

This EM&A Report presents the findings of the EM&A activities undertaken for the TCE Project during the period from 1 to 31 August 2026 in accordance with the Updated EM&A Manual and the requirements of the Environmental Permit (EP-519/2016). The environmental monitoring, site inspection, environmental complaint handling and EM&A reporting in the works area in Area 113 occupied by MTRC will be covered by EM&A programme of TUE and carried out by existing ET and IEC of TUE.

Air quality (1-hour TSP), noise and in-situ preserved plant species of conservation importance were carried out in the reporting period.

The monitoring results for air quality monitoring (1-hour TSP) complied with the Action/ Limit levels in the reporting period.

No exceedance of Action/Limit Level was recorded for construction noise monitoring in the reporting period.

Mangrove eco-shoreline, rocky eco-shoreline and vertical eco-shoreline were completed. Eco-shoreline monitoring was scheduled during the reporting period.

The post-construction soft shore ecological monitoring has been conducted for 2 years since the completion of construction. As no significant changes in density or the distribution pattern of horseshoe crab, seagrass and intertidal soft shore communities were observed throughout the construction and post-construction phase, the last round of the soft shore ecological monitoring was completed.

Three years post-planting monitoring for the compensation woodland was completed.

Monitoring of the *in-situ* preserved plant species of conservation importance was carried out in the reporting period.

Environmental site inspections were carried out during the reporting period.

Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

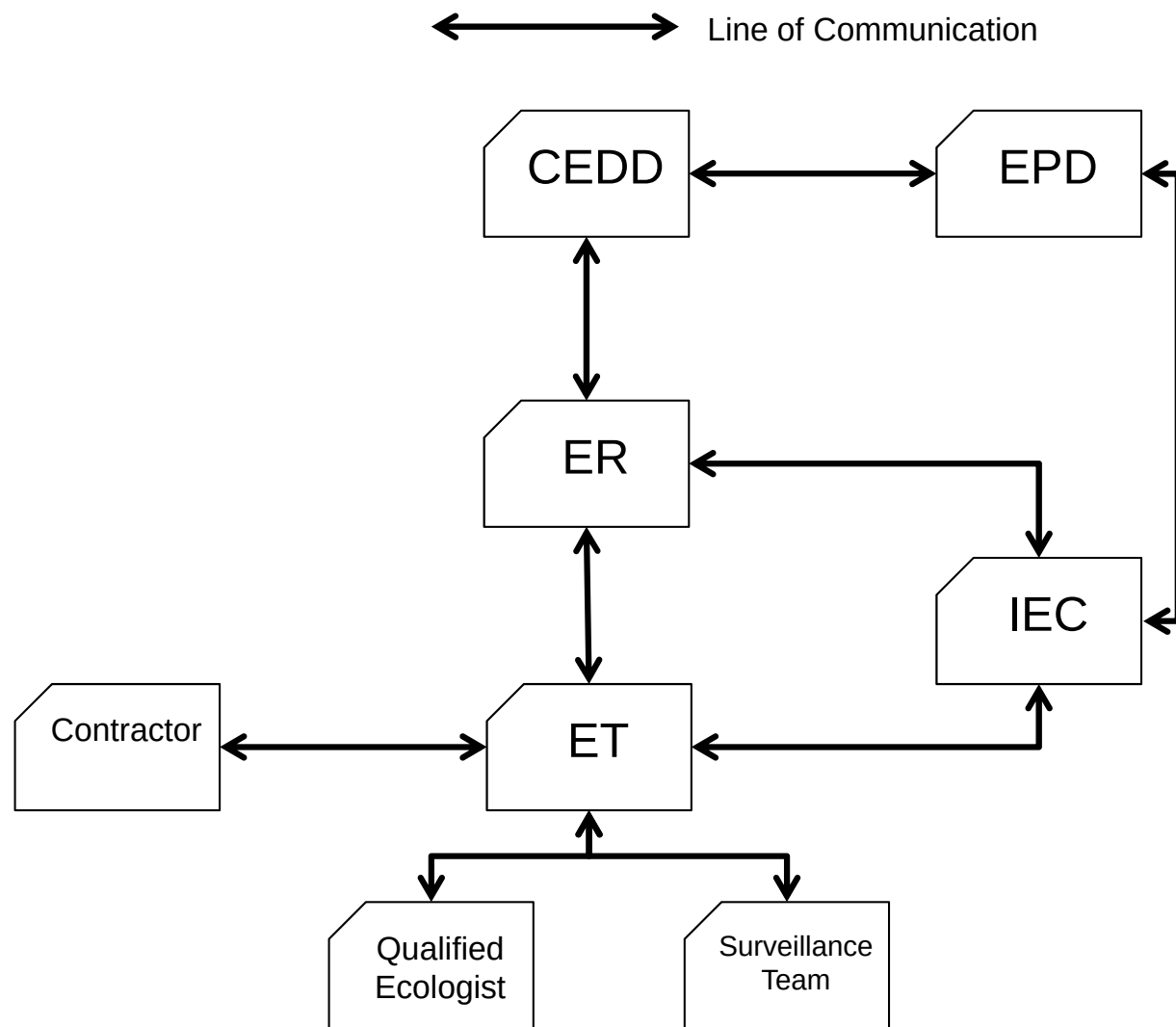
There were no notification of summons or prosecution recorded in the reporting period. One (1) environmental complaint related to Contract 3 was received. Investigation was conducted for the environmental complaint in accordance with the complaint handling process as stated in the Complaint Management Plan.

The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.



ANNEX A

PROJECT ORGANISATION





ANNEX B

ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

Notes

- Chapters 1 to 2 of the EIA report present the background information of the Project (Tung Chung New Town Extension) (TCNTE), identified concurrent projects, objectives and scope for various environmental aspects, and description on alternative options and construction description. Chapters 3 to 12 of the EIA report present the EIA findings and mitigation measures are described below with cross-reference to the EIA report. Chapters 13 to 15 of the EIA report describe the environmental monitoring requirements, summary of environmental outcomes and conclusion.
- TCNTE includes Tung Chung East (TCE) and Tung Chung West (TCW).
- Existing construction contracts in TCE and TCW include:
 - Contract No. NL/2017/03 - Tung Chung New Town Extension – Reclamation and Advance Works (“Contract 1 / C1”) in TCE
 - Contract No. NL/2020/02 - Tung Chung New Town Extension – Salt Water Supply System (“Contract 2 / C2”) in TCE
 - Contract No. NL/2020/03 - Tung Chung New Town Extension – Major Infrastructure Works in Tung Chung East (“Contract 3 / C3”) in TCE
 - Contract No. NL/2020/07 - Tung Chung New Town Extension – Tai Ho Interchange (“Contract 7 / C7”) in TCE
 - Contract No. NL/2020/05 - Tung Chung New Town Extension – Site Formation and Infrastructure Works at Ma Wan Chung (“Contract 5 / C5”) in TCW
 - Contract No. NL/2020/06 - Tung Chung New Town Extension – Site Formation and Infrastructure Works at Tung Chung Valley, Phase 1 (“Contract 6 / C6”) in TCW
 - Contract No. NL/2023/10 – Tung Chung New Town Extension – Infrastructure Works at Tung Chung Valley, Yu Tung Road and Ma Wan Chung (“Contract 10 / C10”) in TCW
 - Contract No. NL/2023/11 – Tung Chung New Town Extension – Infrastructure Works at Tung Chung Valley, Phase 2 (“Contract 11 / C11”) in TCW
 - The Entrustment Agreement No. ENT/TUE/001 – Construction of Infrastructure Works in the Tung Chung New Town Extension Area (“TUE”) in TCW

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location Timing	Implementation Stage	Requirements and standards to be achieved / or	Implementation Status
Common Mitigation Measures (Applicable to ALL Project Components, including DPs and Non-DPs)								
Construction Dust Impact								
S3.4.6	D1	Water spraying every hour on exposed worksites and haul road.	Minimize dust impact at the nearby sensitive receivers	Contractors	All construction sites in TCE and TCW	Construction stage	• APCO • To control the dust impact to meet HKAQO and TM-EIAO criteria	Under implementation
S3.4.6	D2	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	Contractors	All construction sites in TCE and TCW	Construction stage	• APCO • To control the dust impact to meet HKAQO and TM-EIAO criteria	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S3.4.6	D3	The following dust suppression measures should be incorporated to control the dust nuisance throughout the construction phase: - Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading; - Any dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads; - A stockpile of dusty material should not be extended beyond the pedestrian barriers, fencing or traffic cones; - The load of dusty materials on a vehicle leaving a construction site should be covered entirely by 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	Minimize dust impact at the nearby sensitive receivers	Contractors	All construction sites in TCE and TCW	Construction stage	- APCO - To control the dust impact to meet HKAQO and TM-EIAO criteria	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location Timing	Implementation Stage	Requirements and standards to be achieved	Implementation Status
		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 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 leading only to construction site that 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 operation takes 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 the entire surface wet;						

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and standards to be achieved	Implementation Status
		- Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground floor level of the building, 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 impervious sheeting; - Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 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						

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and standards to be achieved	Implementation Status
		Exposed earth should be properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shortcrete 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.						
S3.4.6	D4	Implement regular dust monitoring under EM&A programme during the construction stage.	Monitoring of dust impact	ET of TCE & ET of TCW	Selected air quality monitoring stations	Construction stage	TM-EIAO	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
Construction Noise								
S4.3.4	N1	Implement the following good site management practices: - 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, 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 construction works; - mobile plant should be sited as far away from NSRs as possible and practicable; - material stockpiles, site office and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities.	Control construction airborne noise	Contractors	All construction sites in TCE and TCW, where practicable	Construction stage	Annex 5, TM-EIAO	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S4.3.4	N2	Use of quiet plant which should be made reference to the Powered Mechanical Equipment (PME) listed in the Technical Memorandum or the Quality Powered Mechanical Equipment (QPME) / other commonly used PME listed in Environmental Protection Department (EPD) web pages as far as possible which includes the Sound Power Level (SWLs) for specific quiet PME.	Reduce the noise levels of plant items	Contractors	All construction sites in TCE and TCW, where practicable	Construction stage	• Annex 5, TM-EIAO	Under implementation
S4.3.4	N3	Install movable temporary noise barriers (typical design is wooden framed barrier with a small-cantilevered upper portion of superficial density no less than 7kg/m ² on a skid footing with 25mm thick internal sound absorptive lining), and full enclosure, screen the noisy plants including air compressors, generators etc.	Screen the noisy plant items to be used at all construction sites	Contractors	All construction sites in TCE and TCW, where practicable	Construction stage	• Annex 5, TM-EIAO	Under implementation
4.3.4	N4	Implement noise monitoring under EM&A programme.	Monitor the construction noise levels at the selected representative locations	ET of TCE & ET of TCW	Selected noise monitoring stations	Construction stage	• TM-EIAO	Under Implementation
Operational Noise (Road Traffic Noise)								

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

S4.5.4	N5	Provide a series of noise mitigation measures including low noise surfacing material, noise barriers, facades with no openable window, school boundary walls and architectural fins before occupation of the protected NSRs. Locations of noise mitigation measures are stated as following: Year 2023: - façade with no openable window at B1-1 (Area 99) and B1-2 (Area 100) for TCE; TCV-6 (Area 42) for TCW 1.5m long architectural fin at B1-1 (Area 99) and B1-2 (Area 100) for TCE - Approx. 50m long, 4m high school boundary wall at possible school development near Tung Chung Area 39 (Area 108) - Approx. 120m long, 5m high vertical barrier with 3m cantilevered arm at 45° at the corner at junction between Chung Mun Road and Road L29 - Approx. 210m long LNRS along Chung Mun Road - Approx. 160m long LNRS along Road L29 - Approx. 160m long LNRS along Road L30 Year 2025: - Façade with no openable window at B1-1 (Area 99), B1-2 (Area 100), D1-1, D1-2 (Area 106), D2-3 (Area 109) and D2-4 (Area 103) for TCE; TCV-6 (Area 42) for TCW 1.5m long architectural fin at B1-1 (Area 99), B1-2 (Area 100) and D2-4 (Area 103) for TCE; TCV-1 (Area 60) for TCW - Approx. 60m long, 5m high school boundary wall along Road L3	Reduce operation noise from road traffic	- Mitigation measures at Public Housing developments would be handled by HD including: A2-1 (Area 114), A2-4 (Area 117), B1-1 (Area 99), B1-2 (Area 100), C1-1, C2-1, C2-2 (Area 133), D2-3 (Area 109), D2-4 (Area 103), and E1-5 (Area 122) for TCE, TCV-6 of TCW (Area 42) - Private development would be handled via land lease: A1-1, A1-2 (Area 113), A2-2 (Area 115), A2-3 (Area 116), D1-1, D1-2 (Area 106), E1-4 (Area 125) in TCE, TCV-1 (Area 60) in TCW - School boundary wall along Road L2 and L3 would be handled by ArchSD / future developer	Refer to Figure 6.1, Figure 6.1a-b, Figure 6.2, Figures 6.2a-b, Figure 6.3, Figures 6.3a-d, Figure 6.4, and Figures 6.4a-e of Updated EM&A Manual [For details of LNRS, refer to EP submission under EP condition 2.23]	Prior to operation of the Project for existing NSRs. While for mitigation measures to protect planned NSRs, it should be constructed before population intake of planned NSRs.	TM-EIAO	TCE: Under implementation TCW: To be implemented
--------	----	--	--	--	---	---	---	--

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

		• Approx. 70m long, 5m high school boundary wall with 3m cantilevered arm at 45° along Road L3 • Approx. 50m long, 4m high school boundary wall at possible school development near Tung Chung Area 39 (Area 108) • Approx. 120m long, 5m high vertical barrier with 3m cantilevered arm at 45° at the corner at junction between Chung Mun Road and Road L29 • Approx. 210m long LNRS along Chung Mun Road • Approx. 160m long LNRS along Road L29 • Approx. 160m long LNRS along Road L30 Year 2027: • Façade with no openable window at A1-1, A1-2 (Area 113), A2-1 (Area 114), A2-2 (Area 115), A2-3 (Area 116), A2-4 (Area 117), B1-1 (Area 99), B1-2 (Area 100), D1-1, D1-2 (Area 106), D2-3 (Area 109) and D2-4 (Area 103) for TCE; TCV-6 (Area 42) for TCW • 1.5m long architectural fin at A2-1 (Area 114), A2-4 (Area 117), B1-1 (Area 99), B1-2 (Area 100) and D2-4 (Area 103) for TCE; • 1.8m long architectural fin at A1-1, A1-2 (Area 113), A2-1 (Area 114) and A2-4 (Area 117) • Approx. 60m long, 5m high school boundary wall along Road L3 • Approx. 70m long, 5m high school boundary wall with 3m cantilevered arm at 45° along Road L3 • Approx. 50m long, 4m high school boundary wall at possible school development near Tung Chung Area 39 (Area 108)		• As school development near (Area 108) has been carried out before project commencement, such measures would not be applicable • Noise barriers along Road D3 and L7 would be handled by C3 • Noise barriers and LNRS along Chung Mun Road, L29 & L30 would be handled by C6				
--	--	--	--	---	--	--	--	--

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

		• Approx. 120m long, 5m high vertical barrier with 3m cantilevered arm at 45° at the corner at junction between Chung Mun Road and Road L29 • Approx. 210m long LNRS along Chung Mun Road • Approx. 160m long LNRS along Road L29 • Approx. 160m long LNRS along Road L30 Year 2045: • Façade with no openable window at A1-1, A1-2 (Area 113), A2-1 (Area 114), A2-2 (Area 115), A2-3 (Area 116), A2-4 (Area 117), B1-1 (Area 99), B1-2 (Area 100), C1-1, C2-1, C2-2 (Area 133), D1-1, D1-2 (Area 106), D2-3 (Area 109), D2-4 (Area 103), E1-4 (Area 125) and E1-5 (Area 122) for TCE; TCV-1 (Area 60) and TCV-6 (Area 42) for TCW • 1.5m long architectural fin at A2-1 (Area 114), A2-4 (Area 117), B1-1 (Area 99), B1-2 (Area 100), C1-1 (Area 113) and D2-4 (Area 103) for TCE; TCV-1 (Area 60) for TCW • 1.8m long architectural fin at A1-1, A1-2 (Area 113), A2-1 (Area 114), A2-4 (Area 117) and C1-1 (Area 133) • Approx. 100m long, 5m high absorptive vertical barrier along Road D3 • Approx. 50m long, 5m high absorptive vertical barrier with 3m cantilevered arm at 45° along Road L7 • Approx. 60m long, 5m high school boundary wall along Road L3 • Approx. 70m long, 5m high school boundary wall with 3m cantilevered arm at 45° along Road L3					
--	--	--	--	--	--	--	--

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		• Approx. 80m long, 4m high school boundary wall along Road L2 • Approx. 40m long, 3m high school boundary wall along Road L2 • Approx. 50m long, 4m high school boundary wall at possible school development near Tung Chung Area 39 • Approx. 120m long, 5m high vertical barrier with 3m cantilevered arm at 45° at the corner at junction between Chung Mun Road and Road L29 • Approx. 210m long LNRS along Chung Mun Road • Approx. 160m long LNRS along Road L29 • Approx. 160m long LNRS along Road L30						
<i>Operational Noise (Fixed Noise)</i>								

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S4.6.4	N6	For existing and planned NSRs which are located near to the proposed noise sources, the following tentative noise mitigation measures are considered: • All the pumps should be enclosed inside building structures; • Proper selection of quiet plant to reduce the tonality at NSRs; • Installation of silencer / acoustic enclosure / acoustic louvers for the exhaust of ventilation system. • For underground train stations, sound attenuators with sufficient attenuations can be installed to the ventilation shafts. • Openings of ventilation system should be located away from NSRs.	Reduce operation fixed noise	Relevant government departments / Future Operators	All plant rooms where practicable	Prior to operation of the Project	• Noise Control Ordinance and its TM, TM-EIAO	To be implemented
Operational Noise (Rail Noise)								

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S4.8.4	N7	Before Phase 1 is occupied: • Façade with no openable windows for residential block at B1-2 • 1.5m long architectural fin at B1-2 Before Phase 3 is occupied: It should be noted that Railway Stations at TCE and TCW and its associated railway system is a Designated Project under Item A.2 of Schedule 2 of TM-EIAO. Hence, the proposed mitigation measures are tentative for cumulative assessment purpose in this EIA and all the mitigation measures will be revised by the railway operator during their Schedule 2 EIA. • Approx. 325m long, semi enclosure along the tracks of Tung Chung Line facing B0-2 and COM-1 • Approx. 210m long, semi enclosure along the tracks of Tung Chung Line facing A1-2 and C1-1 • Approx. 390m long, semi enclosure along the track of Tung Chung Line to Tung Chung direction facing C1-1 to C2-1 • Approx. 630m long, semi enclosure along the track of Tung Chung Line to Hong Kong direction facing C1-1 and C2-1	Reduce operation rail noise	Relevant government department(s) / Future Operator	Refer to Figure 6.1, Figure 6.1a-b, Figure 6.2, Figures 6.2a-b, Figure 6.3, Figures 6.3a-d, Figure 6.4, and Figures 6.4a-e of Updated EM&A Manual	Prior to final population intake	• Noise Control Ordinance and its TM, TM-EIAO	Not applicable [Note: The EIA for Tung Chung Line (TCL) Extension was approved in July 2022. According to the EIA report of TCNTE (S.4.8.4.3), the recommended mitigation measures were tentative and would be revised in TCL Extension EIA. Please refer to the updated mitigation measures in EIA Report (AEIAR-235/2022), EM&A Manual and EP (EP No. EP-614/2022) for TCL Extension.]

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
Water Quality (Construction Phase)								
S5.4.3	W1	<u>General Construction Activities</u> In accordance with the Practice Note for Professional Persons on Construction Site Drainage, Environmental Protection Department, 1994 (ProPECC PN1/94), best management practices should be implemented on site as far as practicable. The best practices are detailed below: - At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works. Channels, earth bunds or sand bag barriers should be provided on site to direct stormwater to silt removal facilities.; - Diversion of natural stormwater should be provided as far as possible. The design of temporary on-site drainage should prevent runoff going through site surface, construction machinery and equipment in order to avoid or minimize polluted runoff. Sedimentation tanks with sufficient capacity, constructed from pre-formed individual cells of approximately 6 to 8 m3 capacities, are recommended as a general mitigation measure which can be used for settling surface runoff prior to disposal. The system capacity shall be flexible and able to handle multiple inputs from a variety of sources and suited to applications where the influent is pumped;	To minimize water quality impact from construction site runoff and general construction activities	Contractors	All construction sites in TCE and TCW, where applicable	Construction stage	- Water Pollution Control Ordinance - ProPECC PN1/94 (Note: updated to PN2/24) - TM-EIAO - TM-DSS	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		- 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 silt/sediment trap. The silt/sediment 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. The detailed design of the sand/silt traps should be undertaken by the contractor prior to the commencement of construction; - Construction works should be programmed to minimize surface excavation works during the rainy seasons (April to September). All exposed earth areas should be completed and vegetated as soon as possible after earthworks have been completed. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means; - All drainage facilities and erosion and sediment control structures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly following rainstorms. Deposited silt and grit should be removed regularly and disposed of by spreading evenly over stable, vegetated areas;						

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		• If the excavation of trenches in wet periods is necessary, it 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; • All open stockpiles of construction materials (for example, aggregates, sand and fill material) 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 to 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 after rainstorms are summarized in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events; • All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and sited wheel washing facilities should be provided at every construction site exit where						

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		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 on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to prevent spilled fuel oils from reaching water sensitive receivers nearby; and • Regular environmental audit on the construction site should be carried out in order to prevent any malpractices. Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or						

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		wastewater into the water bodies, mangroves and open sea.						
S5.4.3	W2	<u>Sewage from workforce</u> - 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 appropriate disposal and maintenance; - Notices should be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment during the construction phase of the Project; - Regular environmental audit on the construction site should be conducted in order to provide an effective control of any malpractices and achieve continual improvement of environmental performance on site.	To minimize water quality from sewage effluent in construction phase	Contractors	All construction sites in TCE and TCW, where practicable	Construction stage	- Water Pollution Control Ordinance - TM-DSS	Under implementation
S5.4.3	W3	<u>Construction Works and Bridge Works near Tung Chung Stream</u> Use precast structures or other similar approaches [TCW only]	To prevent any construction works in river and avoid any direct water quality impact to Tung Chung Stream	Contractor (TCW: C6, C10 & C11)	Construction sites in TCW (C6, C10 & C11), where practicable	Construction stage	ProPECC PN1/94 (Note: updated to PN2/24)	Under implementation
S5.4.3	W4	<u>Construction Works of Sewage Pumping Stations</u> A buffer zone of about 20m or about 30m will	To avoid any direct water quality impact to Tung	Contractor (TCW: C6, C10 &	Construction sites in TCW (C6, C10 &	Construction stage	ProPECC PN1/94 (Note: updated to	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		be zoned to prevent any construction works near river. [TCW only]	Chung Stream	C11)	C11), where practicable		PN2/24)	
S5.4.3	W5	<u>Construction Work of Fresh Water and Salt Water Reservoirs</u> • Good site management as stipulated in ProPECC PN1/94 will be fully implemented to avoid polluted liquid or solid wastes from falling into the river waters or drainage. [TCE only]	To avoid water quality impact	Contractor (TCE: C2)	Construction sites in TCE (C2), where practicable	Construction stage	• ProPECC PN1/94 (Note: updated to PN2/24)	Under implementation
S5.4.3	W6	<u>Construction of Storm Water Management Facilities and Polder Scheme</u> • Good site management as stipulated in ProPECC PN1/94 will be fully implemented to avoid polluted liquid or solid wastes from falling into the river waters or drainage. [TCW only]	To avoid any direct water quality impact to Tung Chung Stream	Contractor (TCW: C6, C10 & C11)	Construction sites in TCW (C6, C10 & C11), where practicable	Construction stage	• ProPECC PN1/94 (Note: updated to PN2/24)	Under implementation
S5.4.3	W7	<u>Groundwater and Runoff for Tunnel Works</u> • Cut-and-Cover method for the underpass at Road D1 in Tung Chung East to minimise the intrusion of groundwater. Good site management as stipulated in ProPECC PN1/94 will be fully implemented to avoid polluted liquid or solid wastes from falling into the river waters or drainage. [TCE only]	To avoid water quality impact	Contractors (TCE: C3)	Construction sites in TCE (C3), where practicable	Construction stage	• ProPECC PN1/94 (Note: updated to PN2/24)	Under implementation
S5.5.8	W8	<u>Good Management Practice in Construction</u>	To avoid water	Contractor	Construction	Construction	• ProPECC	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		<u>Phase</u> The following good site management practices shall be adopted for the filling works: • Water quality monitoring shall be implemented to ensure effective control of water pollution and recommend additional mitigation measures required; • The decent speed of grabs shall be controlled to minimize the seabed impact and to reduce the volume of over-dredging; • A perimeter silt curtain shall be installed during the entire reclamation periods; • Barges or hoppers shall not be filled to a level which will cause overflow of materials or pollution of water during loading or transportation; • Excess materials shall be cleaned from the decks and exposed fittings of barges before the vessels are moved; • Plants should not be operated with leaking pipes and any pipe leakages shall be repaired quickly; • Adequate freeboard shall be maintained on barges to reduce the likelihood of decks being washed by wave action; • All vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; and	quality impact	(TCE: C1)	sites in TCE (C1), where practicable	stage	PN1/94 (Note: updated to PN2/24)	

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		The works shall not cause foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the works site. [TCE only]						
S5.5.8	W9	The recovered C&D materials for filling would be ensured no floating or non-inert material by visual inspection, quality assurance, etc. [TCE only]	To avoid water quality impact	Contractor (TCE: C1)	Construction sites in TCE (C1), where practicable	Construction stage	Waste Disposal Ordinance	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
Water Quality (Operational Phase)								
S5.6.10	W10	The following mitigation measures will be implemented to TCV East, North and West SPS, upgraded CMRSPS, proposed TCE West SPS and TCE East SPS 100% standby pump capacity with spare pump of 50% pump capacity - Dual-feed power supply - Wet well storage providing up to 6-hours ADWF capacity (equivalent to about 4 hours of response time during peak flow condition) (for TCW) and ADWF capacity to be constructed in accordance with the latest requirement of DSD's Sewerage Manual (for TCE); and - Emergency communication mechanism amongst relevant government departments.	To prevent the impact due to the emergency discharge at TCW and TCE	DSD (TCE: C3 TCW: C6, C10 & C11)	Proposed Sewage Pumping Stations in TCW (C6, C10 & C11) (TCV West SPS, TCV East SPS, TCV North SPS and Upgraded CMRSPS) and TCE (C3) (TCE West SPS and TCE East SPS)	Operational Stage	DSD's Sewerage Manual (Third Edition, May 2013)	To be implemented for operational stage
S5.6.10	W11	The following mitigation measures will be implemented to gravity sewers and rising mains - Adopt high density polyethylene (HDPE) pipe for proposed gravity sewers and rising mains. - Further protection on proposed rising mains with concrete surround will be provided to mitigate the risk of bursting.	To minimize the risk of bursting and hence bursting discharge from gravity sewers and rising mains	DSD (TCE: C3 & C7 TCW: C5, C6, C10 & C11)	Proposed rising mains within TCE (C3 & C7) and TCW (C5, C6, C10 & C11)	Operational Stage	-	Under implementation
S5.6.10	W12	<u>Maintenance Dredging for the Proposed Marina</u> Silt curtain should be deployed to reduce the sediment dispersion from the dredging inside the	To reduce the sediment dispersion	Future operator	Proposed marina in TCE	Operational Stage	-	Not applicable

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		marina. [TCE only]						

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Sewage and Sewerage Treatment Implications</i>								
S6.5.4	SS1	Mitigation measures will be implemented to TCV East, North and West SPS, and upgraded CMRSPS to prevent the impact due to the emergency discharge, details please refer to W10.	To prevent the impact due to the emergency discharge at TCW and TCE	DSD (TCW: C6, C10 & C11) (TCE: C3)	Proposed Sewage Pumping Stations (TCV West SPS, TCV East SPS, TCV North SPS and Upgraded CMRSPS) at TCW Proposed Sewage Pumping Stations (TCE West SPS and TCE East SPS) at TCE	Operational stage	N/A	To be implemented for operational stage
S6.5.4	SS2	Mitigation measures will be implemented to TCV East, North and West SPS, and upgraded CMRSPS to prevent the impact due to the emergency discharge, details please refer to W10.						

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S6.5.4	SS3	The following mitigation measures will be implemented to prevent pipe bursting on Rising Mains within TCE and TCW: • Strong pipe – use HDPE pipe with welded joints • Concrete encasement – concrete surround all rising mains	To minimize the risk of bursting and hence bursting discharge from gravity sewers and rising mains	DSD (TCE: C3 & C7 TCW: C5, C6, C10 & C11)	Proposed rising mains within TCE (C3 & C7) and TCW (C5, C6, C10 & C11)	Operational stage	N/A	To be implemented for operational stage

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Waste Management (Construction Waste)</i>								

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

S7.4.1	WM1	<u>Good Site Practices</u> The following good site practices are recommended throughout the construction activities: • nomination of an approved personnel, such as a site manager, to be responsible for the implementation of good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site; • training of site personnel in site cleanliness, appropriate waste management procedures and concepts of waste reduction, reuse and recycling; • provision of sufficient waste disposal points and regular collection for disposal; • imposition of penalty system on Contractors' improper behaviours when illegal dumping and landfilling outside their respective construction sites, i.e. on nearby farmlands and riverbanks, are reported; • appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers; • regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors; and • the contractor should prepare a Waste Management Plan (WMP) as part of the Environmental Management Plan (EMP) in accordance with the ETWB TC(W) No. 19/2005 for construction phase. The EMP should be submitted to the Engineer for approval. Mitigation measures proposed in the EIA Report and the EM&A Manual should be adopted.	Minimize waste generation during construction	Contractors	All construction sites in TCE and TCW	Construction stage	• Waste Disposal Ordinance	Under implementation
--------	-----	---	---	-------------	---------------------------------------	--------------------	----------------------------	----------------------

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S7.4.1	WM2	<u>Waste Reduction Measures</u> Waste reduction is best achieved at the planning and design phase, as well as by ensuring the implementation of good site practices. The following recommendations are proposed to achieve reduction: - segregate and store different types of waste in different containers, skip or stockpiles to enhance reuse or recycling of materials and their proper disposal; - proper storage and site practices to minimize the potential for damage and contamination of construction materials; - plan and stock construction materials carefully to minimize amount of waste generated and avoid unnecessary generation of waste; - sort out demolition debris and excavated materials from demolition works to recover reusable/recyclable portions (i.e. soil, broken concrete, metal etc.); - provide training to workers on the importance of appropriate waste management procedures, including waste reduction, reuse and recycling.	Reduce waste generation	Contractors	All construction sites in TCE and TCW	Construction stage	Waste Disposal Ordinance	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S7.4.1	WM3	<u>Storage of Waste</u> The following recommendation should be implemented to minimize the impacts: - waste such as soil should be handled and stored well to ensure secure containment; and - Depends on actual site activities, certain locations within the site area would be used for storage of waste to enhance reuse. However, there would not be any designated location for storage of waste, and the storage locations would need to be adjusted to suite actual site conditions;	Good site practice to minimize the waste generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal	Contractors	All construction sites in TCE and TCW	Construction stage	- Land (Miscellaneous Provisions) Ordinance - Waste Disposal Ordinance - ETWB TCW No. 19/2005	Under implementation
S7.4.1	WM4	<u>Collection and Transportation of Waste</u> The following recommendation should be implemented to minimize the impacts: - remove waste in timely manner; - employ the trucks with cover or enclosed containers for waste transportation; - obtain relevant waste disposal permits from the appropriate authorities; and - disposal of waste should be done at licensed waste disposal facilities.	Minimize waste impacts from storage	Contractors	All construction sites in TCE and TCW	Construction stage	Waste Disposal Ordinance	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S7.4.1	WM5	<u>Excavated and C&D Materials</u> Wherever practicable, C&D materials should be segregated from other wastes to avoid contamination and ensure acceptability at public fill reception facilities or reclamation sites. The following mitigation measures should be implemented in handling the excavated and C&D materials: - maintain temporary stockpiles and reuse excavated fill material for backfilling; - carry out on-site sorting; - make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate; and - implement a trip-ticket system for each works contract to ensure that the disposal of C&D materials are properly documented and verified, so as to avoid the illegal dumping and landfilling of C&D materials on farmlands/ riverbanks at TCW; The recommended C&D materials handling should include: - On-site sorting of C&D materials - Reuse of C&D materials - Use of Standard Formwork and Planning of Construction Materials purchasing	Minimize waste impacts from excavated and C&D materials	Contractors	All construction sites in TCE and TCW	Construction Stage	- Land (Miscellaneous Provisions) Ordinance - Waste Disposal Ordinance - ETWB TCW No. 19/2005 - Project Administrative Handbook for Civil Engineering Works, 2012 Edition (Note: updated to 2024 Edition)	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S7.4.1	WM6	<u>Provision of Wheel Wash Facilities</u> Wheel wash facilities have to be provided at the site entrance before the trucks leaving the works area. Dust disturbance due to the trucks transportation to the public road network could be minimized by such arrangement.	Minimize waste impacts from trucks transportation	Contractors	All construction sites in TCE and TCW	Construction Stage	N/A	Under implementation
S7.4.1	WM7	<u>Excavated Contaminated Soil</u> As a precaution, it is recommended that standard good site practice should be implemented during the construction phase to minimize any potential exposure to contaminated soils or groundwater. [TCW only]	Remediate contaminated soil	Contractors (TCW: C5, C6, C10 & C11)	All construction sites in TCW (C5, C6, C10 & C11), where applicable	Construction stage	Practice Guide for Investigation and Remediation of Contaminated Land (Note: updated in Apr 2023)	Completed (TCW: C5, C6, C10 & C11)

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S7.4.1	WM8	<u>Excavated Marine Sediments</u> Reference has been made to the sediment testing results. Possible mitigation measures to handle the contaminated/ uncontaminated sediment are summarized as follows. - All construction plant and equipment shall be designed and maintained to minimise the risk of silt, sediments, contaminants or other pollutants being released into the water column or deposited in the locations other than designated location. - All vessels shall be sized such that adequate draft is maintained between vessels and the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash. - Adequate freeboard shall be maintained on barges to ensure that decks are not washed by wave action.	Handle excavated sediment	Contractor	All construction sites where applicable	Construction stage	ETWB-TCW 34/2002	Not applicable [Note: No excavated marine sediments in both TCE & TCW.]

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

S7.4.1	WM9	<u>Dumping of excavated sediment</u> - Keep and produce logs and other records to demonstrate compliance and ensure journeys are consistent with designated locations - Comply with the conditions in the dumping permit. - All bottom dumping vessels (hopper barges) shall be fitted with tight fittings seals to their bottom openings to prevent leakage of material. - The excavated sediment shall be placed into the disposal pit by bottom dumping. - Contaminated marine mud shall be transported by split barge of not less than 750m³ capacity and capable of rapid opening and discharge at the disposal site. - Discharge shall be undertaken rapidly and the hoppers shall be closed immediately. Sediment adhering to the sides of the hopper shall not be washed out of the hopper and the hopper shall remain closed until the barge returns to the disposal site. - For Type 3 special disposal treatment, sealing of contaminant with geosynthetic containment before dropping into designated mud pit. A geosynthetic containment method is a method whereby the sediments are sealed in geosynthetic containers and, the containers would be dropped into the designated contaminated mud pit where they would be covered by further mud disposal and later by the mud pit capping at the disposal site, thereby fulfilling the requirements for fully confined mud disposal.	Handle excavated sediment	Contractor	All construction sites where applicable	Construction stage	ETWB-TCW 34/2002	Not applicable [Note: No excavated marine sediments in both TCE & TCW.]
S7.4.1	WM10	<u>Chemical Waste</u>	Control the chemical waste and ensure proper	Contractors	All construction	Construction stage	Waste Disposal (Chemical Waste)	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		If chemical wastes are produced at the construction site, the Contractors should register with EPD as chemical waste producer. Chemical wastes should be stored in appropriate containers and collected by a licensed chemical waste collector. Chemical wastes (e.g. spent lubricant oil) should be recycled at an appropriate facility as far as possible, while the chemical waste that cannot be recycled should be disposed of at either the Chemical Waste Treatment Centre, or another licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.	storage, handling and disposal.		sites in TCE and TCW		General) Regulation • Code of Practice on the Packaging, Labelling and Storage of Chemical Waste	
S7.4.1	WM11	<u>General Refuse</u> • General refuse should be stored in enclosed bins separately from construction and chemical wastes. Recycling bins should also be placed to encourage recycling. • Preferably enclosed and covered areas should be provided for general refuse collection and routine cleaning for these areas should also be implemented to keep areas clean. • A reputable waste collector should be employed to remove general refuse on a daily basis.	Minimize production of the general refuse and avoid odour, pest and litter impacts	Contractors	All construction sites in TCE and TCW	Construction stage	• Waste Disposal Ordinance	Under implementation
S7.4.1	WM12	<u>Floating Refuse accumulated along the seawall</u> The floating refuse along seawall should be collected to avoid accumulation. In addition, proper seawall design should be employed, and regular checking and cleaning of floating refuse should be implemented.	Control floating refuse and ensure proper disposal	Contractor (TCE: C1)	Construction sites in TCE (C1) along seawall	Construction stage	• Waste Disposal Ordinance	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		[TCE only]						
Waste Management (Operational Waste)								
S7.4.2	WM13	<u>Illegal dumping and landfilling</u> Should there be illegal dumping and landfilling observed/ reported, the government authority should take all necessary actions including but not limited to prosecution to remediate the circumstances.	Prevent waste from illegal dumping and landfilling	EPD / Relevant government departments	All areas in TCE and TCW	Operational stage		To be implemented
S7.4.2	WM14	<u>Municipal Solid Waste</u> - A reputable waste collector should be employed to remove general refuse on a daily basis. - A 4-bin recycling system for paper, metals, plastics and glass should be adopted together with a general refuse bin. They should be placed in prominent places to promote waste separation at source. All recyclable materials should be collected by recyclers.	Remove general refuse generated from the proposed development	FEHD / Relevant Operators	All areas in TCE and TCW	Operational stage	Waste Disposal Ordinance	To be implemented
S7.4.2	WM15	<u>Chemical Waste</u> - Localized chemical waste storage areas should be located close to the source of waste generation for temporary storage. Drum-type containers with proper labelling should be used to collect chemical wastes for storage at the designated areas. - A licensed collector should be employed for the chemical waste collection and the chemical wastes should be disposed at an appropriate facility, such as Chemical Waste Treatment	Reduce chemical waste due to waste handling	Relevant Operators	All areas in TCE and TCW	Operational stage	Waste Disposal Ordinance	To be implemented

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		Centre (CWTC) in Tsing Yi. Collection receipts issued by the licensed collector showing the quantities and types of chemical waste taken off-site and details of the treatment facility should be kept for record.						
S7.4.2	WM16	<u>Floating Refuse accumulated along seawall</u> The floating refuse along seawall should be collected to avoid accumulation. <u>[TCE only]</u>	Control floating refuse and ensure proper disposal	MD	Along seawall in TCE	Operational stage	• Waste Disposal Ordinance	To be implemented
S7.4.2	WM17	<u>Floating Refuse inside Marina</u> Floating refuse at the marina will be collected and disposed by the licensed waste collector and as required. <u>[TCE only]</u>	Reduce floating refuse washing up onto marina by currents and wind	Future operator	Marina in TCE	Operational stage	• Waste Disposal Ordinance	Not applicable

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Land Contamination</i>								

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

S8.4.1	LC1	Undertaking environmental Site Inspection (SI) for all potentially contaminated sites as listed in the Contamination Assessment Plan (CAP). [TCW only]	Verify the land contamination potential before the commencement of construction	CEDD / Contractors (TCW: C5, C6, C10 & C11) / Private developers	All potentially contaminated sites in TCW as listed in the CAP	Prior to the construction stage	• Annex 19 of the TM-EIAO, Guidelines for Assessment of Impact On Sites of Cultural Heritage and Other Impacts (Section 3 : Potential Contaminated Land Issues) (Note: updated on 30 Jun 2023); • Guidance Manual for Use of Risk-Based Remediation Goals (RBRGs) for Contaminated Land Management (Note: updated in Apr 2023); • Guidance Notes for Contaminated Land Assessment and Remediation (Note: updated in Apr 2023); and • Practice Guide for Investigation and Remediation of Contaminated Land (Note: updated in Apr 2023) • Recommendations in Health Risk Assessment	Completed (C5, C6 & C10) Under implementation (C11)
--------	-----	---	---	--	--	---------------------------------	--	--

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S8.4.2	LC2	Re-appraisal would be required for the surveyed sites, other remaining areas of the PDAs and the works areas for the associated infrastructures because the development of these sites/ areas would only commence a number of years later, which may allow changes in the land usage of these sites and may give rise to potential land contamination issues. The Project Proponent's appointed consultant would prepare a supplementary CAP presenting the findings of the re-appraisal and strategy of the recommended SI, if required, and submit to EPD for review and approval. [TCW only]	To assess the latest site situation and identify any potential additional hot spots and contaminated sites.	CEDD / Contractors (TCW: C5, C6, C10 & C11) / Private developers	All the surveyed sites as listed in the CAP, other remaining areas of the PDAs and works areas for the associated infrastructures in TCW	Prior to the construction of the area	Ditto	Completed (C5, C6 & C10) Under implementation (C11)
S8.5	LC3	After approval of the supplementary CAP and upon completion of the SI works, the PP should prepare and submit a Contamination Assessment Report (CAR) for all potentially contaminated sites listed in the CAP to EPD for agreement. [TCW only]	Present the findings of SI and evaluate the level and extent of potential contamination	CEDD / Contractors (TCW: C5, C6, C10 & C11) / Private developers in TCV-1 (Area 60)	All the surveyed sites as listed in the CAP, other remaining areas of the PDAs and works areas for the associated infrastructures in TCW	Prior to the construction of the area	Ditto	Completed (C5, C6 & C10) Under implementation (C11)

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S.8.5	LC4	Preparation and submission of Remediation Action Plan (RAP) to EPD for agreement if land contamination is confirmed. [TCW only]	Recommend appropriate mitigation measures for the contaminated soil and groundwater identified in the assessment if remediation is required	CEDD / Contractors (TCW: C5, C6, C10 & C11) / Private developers in TCV-1 (Area 60)	All the surveyed sites as listed in the CAP, other remaining areas of the PDAs and works areas for the associated infrastructures in TCW	Prior to the construction of the area	Ditto	Completed (C5, C6 & C10) Under implementation (C11)
S.8.5	LC5	Preparation and submission of Remediation Report (RR) to EPD for agreement. [TCW only]	Demonstrate that the decontamination work is adequate and is carried out in accordance with the endorsed CAR and RAP	CEDD / Contractors (TCW: C5, C6, C10 & C11) / Private developers in TCV-1 (area 60)	All the surveyed sites as listed in the CAP, other remaining areas of the PDAs and works areas for the associated infrastructures in TCW	Prior to the construction of the area	Ditto	Completed (C5, C6 & C10) Under implementation (C11)

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
Ecology (Design Phase)								
S9.8.1	EC1	Development under the Project have avoided all the recognised sites of conservation importance, including Country Parks, SSSIs, EISs, and existing / proposed Marine Parks	To protect the recognised sites of conservation importance and habitats inside	PlanD	TCE and TCW	RODP / Design Phase	• Not available	Completed in OZP (Ref.: S/I-TCE/2, S/I-TCV/3, S/I-TCTC/24)
S9.8.1	EC2	About 30m buffer zone at the two main branches and the joined outlet section of Tung Chung Stream; and about 20m buffer for the major tributary at Ngau Au of Tung Chung Stream [TCW only]	To protect the Tung Chung Stream	PlanD	Tung Chung Stream in TCW	RODP / Design Phase	• Plan on Provision of Buffer Zones	Completed
S9.8.2	EC3	Detailed designs should avoid the encroachment of important habitats (e.g. Fung Shui Wood) within the Project Site [TCW only]	To protect the important habitats within Project Site	PlanD	TCW	Design Phase	• Not available	Completed
S9.8.2	EC4	Detailed designs of noise barriers to prevent bird collision	To prevent bird collision	CEDD (TCE: C3 and TCW: C6) / HyD	Noise barriers in TCE and TCW	Design Phase	• Guidelines on Design of Noise Barriers (Note: updated in Dec 2022)	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S9.8.2	EC5	Mitigation measures will be implemented to TCV East, North and West SPS, and upgraded CMRSPS to prevent the impact due to the emergency discharge, details please refer to W10.						
Ecology (Construction Phase)								
S9.8.2	EC6	Adoption of non-dredged reclamation method [TCE only]	To maintain the marine water quality	Contractor (TCE: C1)	Reclamation area in TCE	Construction phase	- EIA - Contractual requirements	Completed
S9.8.3	EC7	Compensation woodland planting	To compensate loss of woodland, fung shui wood and orchard	Contractors (TCE: C2 & C3 TCW: C6)	Uphill of Sheung Ling Pei FSW and Tung Chung Road	Construction phase	- EIA - Contractual requirements - Detailed Compensatory Woodland Planting Plan	Completed
S9.8.3	EC8	Planting of emergent plant [TCW only]	To provide habitats for this Jhora Scrub Hopper, and to compensate the loss of their habitats (wet abandoned agricultural land) in northern section of Fong Yuen	DSD Contractor (TCW: C6)	Inside River Park in TCW	Construction phase	- EIA - Contractual requirements - River Park Plan	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

S9.8.3	EC9	Capture-and-translocation exercise [TCW only]	Minimize the potential impact to amphibian species of conservation importance including Romer's Tree Frog and Chinese Bullfrog due to site formation	For public works, provided by CEDD / Contractor (TCW: C6, C10 & C11) responsible for the construction of those public works or the site formation works For TCV-1 (Area 60) and TCV-5 (Area 71A, 71B), where the lands within mostly belong to private lots, the future project proponents of those private lots, via the established mechanism for land transaction application	Public works near the eastern branch of Tung Chung Stream, in particular 1) the River Park, 2) the Distributor Road along the eastern branch of Tung Chung Stream, 3) the road upgrade along the existing Shek Mun Kap Road, and 4) the attenuation and treatment ponds in TCV-1, TCV-a, TCV-c, TCV-e, TCV-g, TCV-k, and TCV-n in TCW Also be required on private land in TCV-1 (Area 60) and TCV-5 (Area 71A, 71B) in TCW	Capture-and-translocation exercise before commencement of site formation	• EIA • Contractual requirements • Explanatory statement of the OZP (for private lots) • Habitat Enhancement and Translocation Plan for Amphibian Species of Conservation Importance	• Completed for C6, C10 & C11 on public works or site formation works
S9.8.3	EC10	Preservation and/or Transplantation of plant species of conservation importance and the following monitoring of	Protection of plant species of conservation importance	For public works, provided by CEDD / Contractors (TCE: C2 & C3	Within construction sites in TCE (C2 & C3) and TCW (C5,	For preservation and/or transplantation, before commencement	• EIA • Contractual requirements • Explanatory	• Under implementation for C2, C3, C5, C6, C10 & C11 on public works or site formation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		preserved/transplanted plant individuals		and TCW: C5, C6, C10 & C11) responsible for the construction of those public works or the site formation works For TCV-1 (Area 60), where the lands within mostly belong to private lots, the future project proponents of those private lots, via the established mechanism for land transaction application	C6, C10 & C11) and their receptor sites during construction and establishment periods All areas for public works Also be required on private land in TCV-1 (Area 60) in TCW	of site formation, construction period and establishment period.	statement of the OZP (for private lots) • Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance	works • To be implemented for TCV-1 (Area 60) on private land

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S9.8.3	EC11	Defining and maintaining construction site boundaries (including erection of site hoarding, fences etc.) [TCW only]	Screen construction disturbance to the nearby habitats	Contractors (TCW: C5, C6, C10 & C11)	Along the boundary of construction sites and buffer zones of Tung Chung Streams, along the boundary of mature woodland and Fung Shui Wood, and along the boundary between TCV-6 (Area 42 as handled by HD) and the middle section of Fong Yuen in TCW (C5, C6, C10 & C11)	Before commencement of site formation	• EIA • Contractual requirements	Under implementation
S9.8.3	EC12	Protection of Tung Chung Stream [TCW only]	Minimize the potential water pollution due to construction of road crossings or other works near Tung Chung Stream	Contractor (TCW: C6, C10 & C11)	Within construction sites in TCW (C6, C10 & C11)	Construction phase	• EIA • Contractual requirements	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S9.8.3	EC13	Implementation of standard site practices	Minimize the potential impact due to dust, noise and runoff during construction phase	Contractors	Within construction sites in TCE and TCW	Construction phase	• EIA • Contractual requirements	Under implementation
S9.8.4	EC14	Adopting Eco-shoreline design [TCE only]	To mitigate the impact of the marine loss	CEDD (TCE: C1)	Along seawall in TCE (C1)	Construction stage	• EIA • Contractual requirements • Eco-shoreline Implementation Plan	Completed
S9.8.4	EC15	Strict enforcement on no-dumping (marine) [TCE only]	Minimise the potential impact to marine habitats	Contractor (TCE: C1 & C3)	In reclamation area as well as all works area and travel route of works vessels in TCE (C1 & C3)	Before and during construction phase	• EIA • Contractual requirements	Completed (TCE: C1) Under implementation (TCE: C3)
S9.8.4	EC16	Spill response plan [TCE only]	Minimise the potential impact to marine habitats	Contractor (TCE: C1)	In reclamation area as well as all works area and travel route of works vessels in TCE (C1)	Before and during construction phase	• EIA • Contractual requirements • Spill Response Plan	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S.9.8.4	EC17	Control and minimization of marine traffic by including using larger-sized barges, land transportation of materials, reuse of excavation and C&D materials and speed limits & regular routes of works vessels [TCE only]	Reduce marine traffic	Contractor (TCE: C1 & C3)	In reclamation area as well as all works area and travel route of works vessels in TCE (C1)	Construction phase	• EIA • Contractual requirements • Works Vessel Travel Route Plan	Under implementation (C3) Completed (C1)
S9.8.4	EC18	Dolphin exclusion zone and dolphin watching plan [TCE only]	Protection of CWD	Contractor (TCE: C1)	In reclamation area as well as all works area in TCE (C1)	Construction phase	• EIA • Contractual requirements • Dolphin Watching Plan	Completed
S9.8.4	EC19	Speed limits and regular routes of works vessels; Prepare and submit a “Works Vessel Travel Route Plan” [TCE only]	Protection of CWD	CEDD / Contractor (TCE: C1 & C3) / ET of TCE	In reclamation area as well as all works area in TCE (C1)	Construction phase	• EIA • Contractual requirements • Works Vessel Travel Route Plan	Under implementation (C3) Completed (C1)
S9.11.1	EC20	Monitoring of compensatory planting woodland	Monitor the survival of trees and establishment of the woodland	CEDD / Contractors (TCE: C2 & C3 TCW: C6)	Areas of compensatory woodland planting in TCE and TCW	Quarterly for at least 3 years and further 7 years by CEDD/further contractor(s) after completion of planting works	• EIA • Contractual requirements • Detailed Compensatory Woodland Planting Plan	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S9.11.1	EC21	Monitoring of translocated amphibians [TCW only]	Monitor the effectiveness of the translocation programme	Public works: CEDD / Contractor (C6, C10 & C11) Private lots: Private developers	Release sites for translocated amphibians in TCW	After translocation exercise. At least three surveys in each release site in TCW during the breeding seasons of Romer's Tree Frog (March to September) and Chinese Bullfrog (March to September)	• EIA • Contractual requirements • Explanatory statement of the OZP (for private lots) • Habitat Enhancement and Translocation Plan for Amphibian Species of Conservation Importance	Under implementation for C10 & C11 [Note: No amphibian found in capture surveys conducted for C6]

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S9.11.1	EC22	Monitoring of preserved / transplanted plant species	Monitor and evaluate the effectiveness of the preservation and transplantation programme.	Public works: CEDD / Contractors (TCE: C2 & C3 and TCW: C5, C6, C10 & C11) Private lots: Private developers	Construction sites for preserved plants; recipient sites for transplanted plants	After transplantation or preservation. For transplanted individuals, for two years, monthly for the first year, and then quarterly for the second year. For the preserved individuals, monthly throughout the construction period.	• EIA • Contractual requirements • Explanatory statement of the OZP (for private lots) • Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance	• Under implementation for public works
S9.11.1	EC23	Monitoring of Tung Chung Stream and Wong Lung Hang Stream EISs	Protect the EISs	CEDD / ET of TCW for monitoring of Tung Chung Stream in TCW / ET of TCE for monitoring of Wong Lung Hang Stream	Tung Chung Stream in TCW and Wong Lung Hang Stream in TCE	Construction phase and post-construction phase	• EIA • Contractual requirements	• Under implementation for TCW • Not applicable for TCE (C2 only) [Note: Monitoring of Wong Lung Hang Stream in TCE not needed in further environmental review (applicable to C2 only)]

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
9.11.2	EC24	Monitoring of Tung Chung Bay and Tai Ho Wan [TCE only]	Protect Tung Chung Bay and Tai Ho Wan	CEDD / ET of TCE	Tung Chung Bay and Tai Ho Wan in TCE	Construction phase and post-construction phase	• EIA • Contractual requirements	Completed
Ecology (Operational Phase)								
S9.11.1	EC25	Monitoring of emergent plant inside River Park [TCW only]	Monitor the survival of emergent plant	DSD Contractor (TCW: C6)	Three months after completion of planting in River Park in TCW	Quarterly for 2 years after completion of planting works	• EIA • Contractual requirements • River Park Plan	To be implemented
9.11.2	EC26	Eco-shoreline monitoring [TCE only]	Monitor the colonisation and establishment of fauna and/or flora, water quality, and recruitments of fisheries species	CEDD Contractor (TCE: C3)	Eco-shoreline at TCE PDA reclamation	Post-construction phase, twice in wet and dry seasons respectively, at least 3 years, subject to review on monitoring extension	• EIA • Contractual requirements • Eco-shoreline Implementation Plan	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
Fisheries								
S10.8	F1	Good Site Practices [TCE only]	To protect the fisheries resources	Contractors (TCE: C1, C2, C3 & C7)	In reclamation area and construction sites of TCE (C1, C2, C3 & C7)	Construction phase	- EIA - Contractual requirements	Under implementation Completed (C1)
S10.8	F2	No dumping [TCE only]	To protect the fisheries resources	Contractors (TCE: C1, C2, C3 & C7)	In reclamation area and construction sites of TCE (C1, C2, C3 & C7)	Construction phase	- EIA - Contractual requirements	Under implementation Completed (C1)
S10.8	F3	Spill response plan [TCE only]	To protect the fisheries resources	Contractors (TCE: C1)	In reclamation area and construction sites of TCE (C1)	Construction phase	- EIA - Contractual requirements - Spill Response Plan	Completed
S10.9	F4	Follow the mitigation measures proposed in the water quality assessment for the construction and operation phases of the project. [TCE only]	To protect the fisheries resources	Contractor (TCE: C1)	Waters in Northern Lantau and construction sites of TCE (C1)	Construction phase and operation phase	- EIA - Contractual requirements	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S10.9	F5	Follow the mitigation measure of eco-shoreline in ecology chapter for the construction and operation phases of the project. [TCE only]	To enhance the fisheries resources	Contractor (TCE: C1)	Eco-shorelines and construction sites of TCE (C1)	Construction phase and operation phase	• EIA • Contractual requirements	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Landscape and Visual (Construction Phase)</i>								
S11.7 MM1	LV1	Optimisation of Construction Areas & Providing Temporary Landscape on Temporary Construction – Construction areas' control shall be enforced, where possible, to ensure that the landscape and visual impacts arising from the construction activities are minimised. It includes reduction of the extent of working areas and temporary works areas, management on storing and using the construction equipment and materials, and consideration of detailed schedules to shorten the construction period. Temporary landscape treatments are considered to be adopted such as applying hydro-seeding on temporary stockpiles and reclamation areas to alleviate the potential impacts.	Minimise the landscape and visual impacts arising from the construction activities	CEDD / Contractors / HD / Other Relevant Government Departments (as appropriate) / Private Sectors	Through-out TCE area and TCW area	Construction Phase		Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM2	LV2	Minimize Topographical Change – The footprint of construction elements and temporary works areas should be optimised to reduce topographical/ landform changes, as well as reduce land take and interference with natural terrain. Where there is a need to significantly cut into the existing landform, retaining walls and cut slopes should be considered as appropriate. To minimize landform changes and land resumption, earthworks and engineered slopes should be designed to be a visually interesting, compatible with the surrounding landscape and to mimic the natural contouring and terrain as appropriate.	Reduce topographical changes and minimize land resumption	CEDD / Contractors / HD / Other Relevant Government Departments (as appropriate) / Private Sectors	Through-out TCE area and TCW area	Prior to Construction & Construction Phase	GEO Publication No.1/2011, Technical Guidelines on Landscape Treatment for Slopes	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM3	LV3	Preservation of Potentially Registerable OVTs, Rare and Protective Vegetation – Existing trees to be retained within the Project Site should be carefully protected during construction. In particular Potentially Registerable OVTs are considered to be preserved according to DEVB TC(W) No. 5/2020. Rare and Protective Vegetation shall be protected following Forestry Regulations (Cap.96) and Protection of Endangered Species of Animals and Plants Ordinance (Cap.586). Detailed Tree Protection Specification shall be provided in the Contract Specification according to DEVB TCW No. 4/2020 Tree Preservation. Following DEVB (GLTM) Guidelines for Tree Preservation during Development, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. A detailed tree survey will be carried out for the Tree Preservation and Removal Proposal (TPRP) process which will be carried out at the later detailed design stage of the Project. The detailed tree survey will propose which trees should be retained, transplanted or felled and will include details of tree protection measures for those trees to be retained.	Protect and Preserve Trees	CEDD / Contractors (TCE: C2, C3 & C7 and TCW: C5, C6, C10 & C11) / HD / Other Relevant Government Departments (as appropriate) / Private Sectors	TCE area (C2, C3 & C7) and TCW area (C5, C6, C10 & C11)	Prior to Construction & Construction Phase	• DEVB TC(W) No. 5/2020 (Note: amended on 12 Apr 2023) and DEVB TC(W) No. 4/2020 (Note: amended on 12 Apr 2023). • Greening, Landscape and Tree Management Section (GLTM) of the Development Bureau, Guidelines on Tree Preservation during Development (April, 2015)	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM4	LV4	Transplanting of Existing Trees – Trees unavoidably affected by the Project works should be transplanted where practical. Trees should be transplanted straight to their final receptor locations within the site and not held in a temporary nursery as far as possible. A detailed Tree Transplanting Specification shall be provided in the Contract Specification, where applicable. Sufficient time for necessary tree root and crown preparation periods shall be allowed in the project programme. A detailed transplanting proposal will be submitted to relevant government departments for approval in accordance with DEVB TCW 5/2020 and LAO PN 6/2023 and final locations of transplanted trees should be agreed prior to commencement of the work. For trees associated with highways e.g. roadside planting along highways, that are unavoidably affected and should be transplanted. HyD HQ/GN/13 'Interim Guidelines for Tree Transplanting Works under Highways Department's Vegetation Maintenance Ambit' should be referred to.	Transplant Trees where suitable for transplantation	CEDD / Contractors (TCE: C2, C3 & C7 and TCW: C5, C6, C10 & C11) / HD / Other Relevant Government Departments (as appropriate) / Private Sectors	Onsite in TCE area (C2, C3 & C7) and TCW area (C5, C6, C10 & C11), where possible, otherwise consider offsite locations	Prior to Construction & Construction Phase	• DEVB TC(W) No. 5/2020 (Note: amended in 2023) and LAO PN 6/2023. • HyD HQ/GN/13 Interim Guidelines for Tree Transplanting Works under Highways Department's Vegetation Maintenance Ambit • GLTM of the Development Bureau, Guidelines on Tree Preservation during Development (April, 2015)	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM5	LV5	Screen hoarding – To reduce negative visual impact, construction site hoarding should be erected around the site to screen pedestrian level views into the construction area from visual sensitive receivers. Hoarding design should consider greening measures such as colour and form should be adopted to improve its visual appearance.	To screen undesirable views of the work site.	CEDD / Contractors and TCW / HD / Other Relevant Government Departments (as appropriate) / Private Sectors	Through-out TCE area and TCW area	Construction Phase		Under implementation
S11.7 MM6	LV6	Adopting Non-dredge Method for the Reclamation – In order to minimize the potential adverse impacts caused by the reclamation, a number of alternative construction methodologies has been critically examined. After considering all the options such as fully dredged, partially dredged and non-dredged methods for seawall construction and reclamation, non-dredged method for both the seawall construction and reclamation are recommended so as to minimize the generation of dredged sediment. [TCE only]	Minimize the potential adverse impacts caused by the reclamation	CEDD / Contractor (TCE: C1)	TCE area (C1)	Construction Phase	Foreshore and Sea-bed (Reclamations) Ordinance (Cap.127)	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM7	LV7	Protection of Natural Rivers and Streams – For all the natural rivers and streams inside the development area, in accordance with ETWB TCW 5/2005, consideration of protection measures should be made to minimize any impacts from the construction works, especially those development near Tung Chung Stream. According to the latest RODP/OZP, a 30m buffer zone is zoned as “CA”, “CPA” and “OU”. Precast structures or other similar approaches will be used to prevent / minimise any construction works in river and thus to avoid any direct water quality impact. Good site management as stipulated in ProPECC PN1/94 will be fully implemented to avoid polluted liquid or solid wastes from falling into the river waters. [TCW only]	Protection of Natural Rivers and Streams Minimize the impacts from the construction works	CEDD / Contractor (TCW: C6, C10 & C11) / HD / Other Relevant Government Departments (as appropriate) / Private Sectors	Through-out TCW area (C6, C10 & C11)	Prior Construction to & Construction Phase	• EPD ProPECC PN1/94 Construction Site Drainage (Note: updated to PN 2/24) • DSD Technical Circular No. 2/2004. • ETWB TC(W) No.5/2005 Protection of natural streams/rivers from adverse impacts arising from construction works • Plan on Provision of Buffer Zones	Under implementation
S11.7 MM8	LV8	Preservation of Natural Coastline – The natural coastline along the proposed “RO” of the RODP in TCW should be preserved. The remaining natural shorelines in Tung Chung Bay including sandy shores close to the Tung Chung old pier will be conserved as a Waterfront Park according to the latest RODP. [TCW only]	Preservation of Natural Coastline	CEDD / Other Relevant Government Departments (as appropriate)	Onsite in TCW (C5), where possible	Prior Construction to & Construction Phase		Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM9	LV9	Providing Natural Rock Material/ Planting for Artificial Seawall – There would be inevitable permanent losses of marine waters (seabed and water column), and direct impacts on existing artificial seawalls due to the reclamation. To minimize the impacts, the design of the future seawall like ‘eco-shoreline’ could be improved to provide high ecological functions and mitigate the impact of the loss. An ‘eco-shoreline’ is any shoreline which provides beneficial functions to the local ecosystem through a range of active or passive solutions, whilst providing coastal protection. By means of using natural rock materials for artificial seawall and considering to introduce a native vegetation buffer directly behind the top of seawalls as appropriate to create habitat, shelter and a source of food for benefiting both terrestrial and aquatic species along the foreshore, these measures can help to enhance the ecological functions and ‘natural-look’ of the shoreline, and the potential impacts will be mitigated. [TCE only]	Mitigate the impacts on existing artificial seawalls	CEDD / Other Relevant Government Departments (as appropriate)	Onsite in TCE (C1)	Prior Construction to & Construction Phase	Eco-shoreline Implementation Plan	Completed
Landscape and Visual (Operational Phase)								

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM10	LV10	Compensatory Planting – Compensatory planting for felled trees shall be provided to the satisfaction of relevant Government departments. Required numbers and locations of compensatory trees shall be determined and agreed separately with Government during the Tree Removal Application process under DEVB TCW No. 10/2013 and LAO PN 7/2007. The location of compensatory planting is proposed at the potential open areas such as open spaces, amenity areas, open areas of the streetscapes including roadside planting, as well as the open areas within development lots. The species to be planted should be all native species, taken “Characteristics of Major Local Tree Species Propagated by AFCD” as a reference. A search of species to be planted will be conducted in a further detailed stage.	Compensate for trees and shrubs lost due to the Project	CEDD / Contractors (TCE: C2, C3 & C7) and TCW: C5, C6, C10 & C11) / HD / Other Relevant Government Departments (as appropriate) / Private Sectors	Onsite in TCE (C2, C3 & C7) and TCW (C5, C6, C10 & C11), where possible	Prior to Construction, Construction Phase & Maintenance in Operation Phase	• DEVB TC(W) No.10/2013 (Note: updated version DEVB TC(W) No. 7/2015) and LAO PN 7/2007 (Note: updated version of LAO Practice Note No. 2/2020). • GLTM of the Development Bureau, Guidelines on Tree Preservation during Development (April, 2015)	• Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM11	LV11	Woodland Restoration – A search of area to mitigate the loss of woodland has been conducted. Priority has been given to the practicability of compensation of woodland within the boundary of RODP/OZP. Given the nature of the project is to provide development opportunities to satisfy the needs for the society in general and the aspirations of local communities, compensation of woodland is only possible for the areas beyond the RODP/OZP. It is considered that the areas adjoining the woodlands near the existing services reservoirs, and hillsides to the east of Tung Chung Road, would be suitable locations. The advantage of these locations is that there are existing woodlands immediately downhill to the location and the Sheung Ling Pei Fung Shui Wood is further downhill behind Sheung Ling Pei Village, planting new woodland areas adjoining existing woodlands would form an ecological linkage and increase the overall habitat size, and hence would help to enhance the ecological and landscape values in the long run. It is noted that the compensation trees for landscape impacts will also be planted near the future service reservoirs. The tree species to be planted should be all native species for woodland compensation, and the two areas uphill to Sheung Ling Pei should also make reference to the existing tree species reported in Fung Shui Woods habitat.	Reprovide areas of woodland to compensate for those areas of quality woodland lost	CEDD / Contractors (TCE: C2 & C3 and TCW: C6)	Areas adjoining the woodlands near the existing service reservoirs in TCE and hillsides to the east of Tung Chung Road in TCW	Prior to Construction, Construction Phase & Maintenance in Operation Phase	• DEVB Technical Circular Works 10/2013- Tree Preservation (Note: updated version DEVB TC(W) No. 7/2015) • GLTM of the Development Bureau, Guidelines on Tree Preservation during Development (April, 2015) • Detailed Compensatory Woodland Planting Plan	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM12	LV12	Screen Planting – Tall screen/buffer trees and shrubs should be planted to screen proposed structures such as roads and buildings. This measure will form part of the compensatory planting and will improve compatibility with the surrounding environment and create a pleasant pedestrian environment.	To screen proposed structures Improve compatibility with the surrounding environment	CEDD / Contractors (TCE: C2, C3 & C7 and TCW: C5, C6, C10 & C11) / HD / Other Relevant Government Departments (as appropriate) / Private Sectors	Through-out the working sites of the TCE area (TCE: C2, C3 & C7) and TCW area (C5, C6, C10 & C11)	Prior to Construction, Construction Phase & Maintenance in Operation Phase	HyD HQ/GN/15– Guidelines for Greening Works along Highways.	To be implemented
S11.7 MM13	LV13	Roadside Planting – Roadside greening is proposed alongside all roads within the possible developments. It will enhance local identity, if theme planting is used, and reduce visual impact through screening. At-grade road planting should be considered along central dividers and on road islands e.g. in the middle of roundabouts.	Soften the hard, straight edges and provide greening along the roads; Improve the visual amenity	Relevant Government Departments	Along new roads, and on appropriate viaducts in TCE (C2, C3 & C7) and TCW (C5, C6, C10 & C11)	Prior to Construction, Construction Phase & Maintenance in Operation Phase	- HyD HQ/GN/15– Guidelines for Greening Works along Highways. - Development Bureau Technical Circular Works No.2/2012 – Allocation of Space for Quality Greening on Roads (Note: updated version No. 3/2024)	To be implemented

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM14	LV14	Aesthetic Design of Built Development – The planning of the revised RODP/OZP has considered reducing potential visual impacts, enhancing visual amenity and keeping visual corridors. The proposed development will ensure the building massing is compatible with its surrounding. To improve visual amenity, natural building materials could be used on building facades. For example, stone and timber should be considered for architectural features; light earthy tone colours such as shades of green, shades of grey, shades of brown and off-white should be considered for the façade treatment to reduce the visibility of the development components. The form, textures, finishes and colours of the proposed development components should aim to be compatible with the existing surroundings. It would only be implemented for public developments/projects.	Improve visual amenity of the new buildings, keep visual corridors and integrate as possible into the surrounding landscape	Relevant Government Departments / Private Sectors	Through-out the TCE area (C2, C3 & C7) and TCW area (C5, C6, C10 & C11)	Prior to Construction, Maintenance in Operation Phase	- Hong Kong Planning Standards and Guidelines (HKPSG) issued by the Planning Department (As at Aug 2011) (Note: updated in January 2024); - PNAP APP-152, Sustainable Building Design Guidelines (Note: updated version in September 2023)	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

S11.7 MM15	LV15	Maximise Greening on Structures – The Government has been actively promoting greening in buildings and structures such as bridges to improve the environment. This includes actively implementing rooftop greening or vertical greening, as where practicable to enhance the cityscape and mitigate the heat island effect in urban areas. For the new built forms in TCW and TCE, it is considered the implementation of the following greening measures could alleviate the landscape and visual impacts of new development and help the development blend in with its surrounding landscape: • Sky Garden: Refuge floors or voids in building mass formed by partial removal of floor plates on certain building storeys or provision of freed up areas on certain building storeys provide opportunities for sky gardens for the proposed built development. It can allow views through the development to the background formed by the natural hillsides and enhance the visual amenity effectively. For public developments, relevant technical document Technical Circular (Works) No. 3/2012 Site Coverage of Greenery for Government Building Projects by Development Bureau in 2012 shall be referred to. For private developments, it is only applicable to sites with inadequate greening coverage and should be implemented in accordance with Sustainable Building Design Guidelines PNAP APP-152. • Green Roof: The Architectural Services Department completed the Study on Green Roof Application in Hong Kong in 2007 which reviewed the latest concepts	Maximise Greening coverage Enhance visual amenity, create visual corridors and integrate as possible into the surrounding landscape	Relevant Government Departments / Private Sectors	On appropriate buildings and structures in TCE (C2, C3 & C7) and TCW (C5, C6, C10 & C11)	Prior to Construction, Construction Phase & Maintenance in Operation Phase	• Development Bureau Technical Circular (Works) No. 3/2012 Site Coverage of Greenery for Government Building Projects • PNAP APP-152, Sustainable Building Design Guidelines (Note: updated version in September 2023)	To be implemented
---------------	------	--	---	---	--	--	---	-------------------

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

		and design technology of green roof and recommended technical guidelines suitable for application in Hong Kong. The study will be taken into account to the new buildings to be built in TCW and TCE. Landscape and visual impact can be alleviated and the landscape and visual value can be enhanced. For private development, it is only applicable to sites with inadequate greening coverage and should be implemented in accordance with Sustainable Building Design Guidelines PNAP APP-152. Relevant technical document Technical Circular (Works) No. 3/2012 Site Coverage of Greenery for Government Building Projects by Development Bureau in 2012 shall be reference. For public developments, relevant technical document Technical Circular (Works) No. 3/2012 Site Coverage of Greenery for Government Building Projects by Development Bureau in 2012 shall be referred to. For private developments, it is only applicable to sites with inadequate greening coverage and should be implemented in accordance with Sustainable Building Design Guidelines PNAP APP-152. • Vertical Green: Planting of climbers to grow up vertical surfaces where appropriate (e.g. building edges), to soften hard structures and facilities. Relevant technical document Technical Circular (Works) No. 3/2012 Site Coverage of Greenery for Government Building Projects by Development Bureau in 2012 shall be observed. For public developments, relevant technical document Technical Circular (Works) No.						
--	--	---	--	--	--	--	--	--

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		3/2012 Site Coverage of Greenery for Government Building Projects by Development Bureau in 2012 shall be reference. For private development, it is only applicable to sites with inadequate greening coverage and should be implemented in accordance with Sustainable Building Design Guidelines PNAP APP-152. Greening on infrastructure: Planting could be provided on infrastructure such as bridges where appropriate to enhance greenery to soften its built edges. Screen planting could be provided near infrastructure to reduce any undesirable visual impacts.						

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM16	LV16	Noise barrier design – The visual impact of noise mitigation measures will be mitigated by appropriate detailed design, including suitable combination of transparent and sound absorbent materials, appropriate colour selection of panels and supporting structures, or provision of at-grade planting of trees, shrubs and/or climbers camouflage to the barriers, as well as design of supporting structures to incorporate a high level of quality and aesthetics. A combination of transparent panels at top and solid panels at bottom would lighten the visual impact, and at the same time maintain the attractiveness by using colourful panels. The noise barriers would be implemented for District Distributor Roads and Local Distributor Roads at both TCE and TCW area.	Minimize the visual impact from the structures of noise barriers	CEDD/ Contractors (TCE: C3 and TCW: C6) / HyD	Noise barriers within the TCE area (TCE: C3) and TCW area (C6)	Prior to Construction, Construction Phase & Maintenance in Operation Phase	- GLTM of the Development Bureau's Guidelines on Greening of Noise Barriers (April 2012). - Guidelines on Design of Noise Barriers by HyD and EPD (Note: updated version in 2022 edition)	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM17	LV17	Landscape Treatment for Polders & Attenuation Ponds – There would be polders and attenuation ponds in TCW. While they are primarily used for receiving and treating surface runoff and alleviating the flood risk during heavy rainfall, the design of those has provided an opportunity to have a synergy to enhance both the ecological and landscape values together. Depending on detailed design, part of these attenuation ponds (mainly the biofiltration zone) could be refined in an appropriate manner, without compromising its primary functions of treating surface runoff and flood protection, to incorporate ecological and landscape design such as planting of aquatic plants and butterfly foodplant for providing the landscape and ecological enhancement. [TCW only]	Enhance the landscape and visual value	CEDD / DSD	Polders & Attenuation Ponds in TCW (C6, C10 & C11)	Prior to Construction, Construction Phase & Maintenance in Operation Phase		Under implementation
<i>Landscape and Visual (Construction & Operational Phase)</i>								
S11.7 MM18	LV18	Landscaping on Slopes – Hydro seeding of modified slopes should be done as soon as grading works are completed to prevent erosion and subsequent loss of landscape resources and character. Woodland tree seedlings and/ or shrubs should be planted where gradient and site conditions allow. In addition, landscape planting should be provided for the retaining structures associated with modified slopes where condition allow.	Enhance landscape value, plant diversity and their visual appearance	CEDD / Contractors (TCE: C2 & C7 and TCW: C5, C6, C10 & C11)	Onsite in TCE (C2 & C7) and TCW (C5, C6, C10 & C11)	Prior to Construction, Construction Phase & Maintenance in Operation Phase	GEO Publication No.1/2011 Technical Guidelines on Landscape Treatment for Slopes by CEDD in 2011	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S11.7 MM19	LV19	Landscape Treatment on Channelized Watercourses – For the channelized watercourses in Tung Chung Stream that will be dechannelized, the Drainage Services Department Practice Note No.1/2005 – Guidelines on Environmental Considerations for River Channel Design, should be considered and appropriate measures included ensuring the new watercourses match the existing as far as possible. Measures can include enhancement planting to upgrade the channels as appropriate, including consideration of wetland planting along embankments where appropriate; as well as consideration of the best materials for the channel lining (e.g. gabion). [TCW only]	Avoid direct impacts on the watercourse Improve the visual amenity	CEDD / Contractor (TCW: C6)	The channelized watercourses throughout the TCW area (C6)	Prior to Construction, Construction Phase & Maintenance in Operation Phase	Drainage Services Department Practice Note No.1/2005 – Guidelines on Environmental Considerations for River Channel Design (Note: updated version No. 1/2015)	Under implementation
S11.7 MM20	LV20	Light Control – Construction day and night time lighting should be controlled to minimize glare impact to adjacent VSRs during the construction stage. Street and night time lighting shall also be controlled to minimize glare impact to adjacent VSRs during the operation phase.	Minimize negative glare impact to adjacent VSRs	CEDD / Contractors / HD / Other Relevant Government Departments (as appropriate) / Private Sectors	Through-out the TCE area and TCW area	Construction Phase & Operation Phase		Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Cultural Heritage Impact (Construction and Operational Phase)</i>								
S.12.5	CH1	<u>Terrestrial Archaeology</u> Implement rescue excavations/ survey-cum-rescue excavations/ further surveys after land resumption and prior to any construction works (see Figure 14.1 for the locations of rescue excavations/survey-cum-rescue excavations/further survey) [TCW only]	1) Rescue excavations to salvage archaeological data and cultural materials 2) Survey-cum-rescue excavations to better locate and design the follow up rescue excavations 3) Further surveys to obtain sufficient data for formulation of appropriate mitigation measures	CEDD / Contractors (TCW: C5, C6, C10 & C11) / Future Private Developer(s)	After land resumption and prior to any construction works	After land resumption and prior to any construction works	- Guidelines for Cultural Heritage Impact Assessment - TM-EIAO Annex 10 and Annex 19 - Antiquities and Monuments Ordinance	- Under implementation (C11) - Completed (C5, C6 & C10)
S.12.5	CH2	<u>Terrestrial Archaeology</u> Implement watching brief during construction phase (see Figure 14.1 for the locations of watching brief) [TCW only]	To identify and record any archaeological material or features revealed during construction phase	CEDD / Contractors (TCW: C5, C6, C10 & C11) / Future Private Developer(s)	During construction phase	During construction phase		- Under implementation (C11) - Completed (C5, C6 & C10)

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
EM&A Project								
S13.2	EM1	An Independent Environmental Checker needs to be employed as per the EM&A Manual.	Control EM&A Performance	CEDD	All construction sites in TCE and TCW	Construction stage	- EIAO Guidance Note No.4/2010 - TM-EIAO	Under implementation
S13.2 – 13.4	EM2	1) An Environmental Team needs to be employed as per the EM&A Manual. 2) Prepare a systematic Environmental Management Plan to ensure effective implementation of the mitigation measures. 3) An environmental impact monitoring needs to be implemented by the Environmental Team to ensure all the requirements given in the EM&A Manual are fully complied with.	Perform environmental monitoring & auditing	CEDD	All construction sites in TCE and TCW	Construction stage	- EIAO Guidance Note No.4/2010 - TM-EIAO	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

Document Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Works Vessel Travel Routes (Extracted from Works Vessel Travel Route Plan submitted under Condition 2.13 of the EP) (TCE only)</i> [Note: All reclamation and marine works were completed in August 2023. EP condition 2.13 was updated (Version: December 2024) for the additional transportation arrangement to the West Lagoon Area after the completion of reclamation.]								
S3.2	WVTR1	All works vessels shall be equipped with Global Positional System (GPS) or equivalent automatic identification system (AIS) for real time tracking and monitoring of their travel routing, speed and anchorage points. The system shall be capable to record and analyse the travel routing, speed and anchorage points.	Control EM&A Performance	Contractor (TCE: C1 & C3)	All marine construction sites in TCE (C1)	Construction stage	- EIA - Contractual requirements	Completed (C1) Under implementation (C3)
S3.3.1	WVTR2	1) Once approaching or leaving the entrance of the silt curtain, all vessels will travel at a speed no greater than 8 knots between the site and boundary of The Brothers Marine Park. The vessels can then navigate at normal speed (8-12 knots) after that distance unless other restrictions are imposed. 2) If any dolphins are sighted within 250m of a vessel then the vessel will slow down to a speed no greater than 5 knots for at least 3 minutes after the last sighting.	Protection of CWD	Contractor (TCE: C1 & C3)	All marine construction sites in TCE (C1 & C3)	Construction stage	- EIA - Contractual requirements	Completed (C1) Under implementation (C3)
S3.3.2	WVTR3	All captains and the supervising staff should undergo training to learn about local dolphins and porpoises. They should be trained to be aware of the protocol for dolphin friendly" vessel operation (refer to the Code of Conduct for Dolphin Watching Activities from AFCD).	Protection of CWD	Contractor (TCE: C1 & C3)	All marine construction sites in TCE (C1 & C3)	Construction stage	- EIA - Contractual requirements	Completed (C1) Under implementation (C3)

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

Document Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S3.3.2	WVTR4	Training on the requirements of the WVTRP would be provided for construction vessels' personnel to follow, which should include the details of the normal operational routings of the construction works vessels and reporting of deviations from the normal operational routings of the construction works vessels. The training course will be given to the licensed vessel captains by the trainers before commencement of work and refreshment course will be provided every quarter.	Protection of CWD	Contractor (TCE: C1 & C3)	All marine construction sites in TCE (C1 & C3)	Construction stage	- EIA - Contractual requirements	Completed (C1) Under implementation (C3)
2.3.1 2.3.2 2.3.3	WVTR5	<u>The Brothers Marine Park (BMP)</u> The speed limit of work vessels is 8 knots within the BMP, no stopover or anchoring is allowed. <u>Sha Chau and Lung Kwu Chau Marine Park (SCLKCMP)</u> Existing fairways such as Urmston Road Channel and water between 3RS projects of Hong Kong International Airport and the SCLKCMP, shall be selected as the main travel routes for delivery of construction & demolition material to site. <u>North Lantau Marine Park (NLMP)</u> The NLMP was designated with effect on 1 November 2024. The speed limit of the work vessels is 8 knots within the NLMP, no stopover or anchoring is allowed.	Protection of Marine Parks (namely BMP, SCLKCMP, NLMP)	Contractor (TCE: C1 & C3)	Marine Parks (namely BMP, SCLKCMP, NLMP) (C1 & C3)	Construction stage	- EIA - Contractual requirements	Completed (C1) Under implementation (C3)

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

Document Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
Deployment of Silt Curtain(s) (Extracted from Silt Curtain Deployment Plan submitted under Condition 2.16 of the EP) (TCE only)								
[Note: All reclamation and marine works were completed in August 2023.]								
S4	SCD1	Before the start of the installation work, Qualified Ecologists with dolphin monitoring experience shall scan the exclusion zone for at least 30 minutes. If dolphins are observed in the exclusion zone, the installation work shall be delayed until the dolphins left the area.	Protection of CWD	Contractor (TCE: C1)	All marine construction sites in TCE (C1)	Construction stage	- EIA - Contractual requirements	Completed
S4	SCD2	If dolphins are observed within the exclusion zone during the installation work, the relevant part of the work shall cease until the dolphins left the area.	Protection of CWD	Contractor (TCE: C1)	All marine construction sites in TCE (C1)	Construction stage	- EIA - Contractual requirements	Completed
S5	SCD3	On-board supervisors will be assigned to check the condition of the silt curtain before commencement of works every day. An inspection checklist will be kept on site for record purpose.	Silt Curtain Integrity	Contractor (TCE: C1)	All marine construction sites in TCE (C1)	Construction stage	- EIA - Contractual requirements	Completed
S5	SCD4	For the tentative arrangement of silt curtain under adverse weather, the silt curtain will not be temporary removed during adverse weather. However, related works will be suspended immediately if silt curtain is found any damaged.	Silt Curtain Integrity	Contractor (TCE: C1)	All marine construction sites in TCE (C1)	Construction stage	- EIA - Contractual requirements	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

Document Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
S5	SCD5	Diver inspection shall be carried out if necessary to inspect the installation and decommission of silt curtain to ensure proper installation and functioning of the silt curtain according to the design drawings. Nearby marine works will resume after repairing of the damaged silt curtains.	Silt Curtain Integrity	Contractor (TCE: C1)	All marine construction sites in TCE (C1)	Construction stage	• EIA • Contractual requirements	Completed
S5	SCD6	Refuse around the silt curtain will be collected at regular intervals on a daily basis so that water behind the silt curtains will be kept free from floating debris.	Waste Management	Contractor (TCE: C1)	All marine construction sites in TCE (C1)	Construction stage	• EIA • Contractual requirements	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Preservation and/or Translocation programme (Details according to submission of Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance as required under EP Condition 2.21)</i>								
TCW								
--	--	Pre-construction survey for the target species (which are the plant species of conservation importance, including but not limited to <i>Aquilaria sinensis</i> , <i>Pavetta hongkongensis</i> and <i>Gmelina chinensis</i>)	Minimize the potential impact to plant species of conservation importance	Qualified botanist appointed by Contractors (C5, C6, C10 & C11) / CEDD	Development areas of public (C5, C6, C10 & C11)	Completed within 9 months before translocation	Section 2 & 3 of the EP Submission	Completed
--	--	Preservation and/or Translocation Proposal	Minimize the potential impact to plant species of conservation importance	Qualified botanist appointed by Contractors (C5, C6, C10 & C11) / CEDD	Development areas of public (C5, C6, C10 & C11) and receptor site(s)	Submitted within 1 calendar month after the completion of Pre-construction survey	Section 3.1.1 & 5 of the EP Submission	Completed
9.8.3.11 & 9.8.3.12	--	Preservation	Minimize the potential impact to plant species of conservation importance	Contractors and qualified botanists appointed by Contractors (C5, C6, C10 & C11) / CEDD	Development areas of public (C5, C6, C10 & C11)	Monitoring conducted monthly throughout the construction period	Section 4.1 of the EP Submission	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
--	--	Identification of suitable receptor sites	Minimize the potential impact to plant species of conservation importance	Contractors (C5, C6, C10 & C11) and qualified botanists appointed by Contractors / CEDD / Private developer(s)	Receptor sites	After the Pre-construction survey	Section 4.2 of the EP Submission	Completed
9.8.3.11 & 9.8.3.12	--	Translocation	Minimize the potential impact to plant species of conservation importance	Landscape Contractors and qualified botanists appointed by Contractors (C5, C6, C10 & C11) / CEDD	Development areas of public (C5, C6, C10 & C11) and receptor sites	Planting season (preferably from March to May and no later than September), prior to site formation	Section 4.3 of the EP Submission	Under implementation
--	--	Translocation report	Minimize the potential impact to plant species of conservation importance	Landscape Contractors and qualified botanists appointed by Contractors (C5, C6, C10 & C11) / CEDD	Development areas of public (C5, C6, C10 & C11) and receptor sites	Submitted within 1 calendar month after the completion of translocation.	Section 4.3.3 of the EP Submission	To be implemented

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
--	11.4.4	Post-translocation monitoring	Minimize the potential impact to plant species of conservation importance	Contractors (C5, C6, C10 & C11) and qualified botanists appointed by Contractors / CEDD	Receptor sites	After translocation for two years and throughout the construction period (for in-situ preserved individuals). The frequency will be monthly for the first year, and then quarterly for the second year	Section 6 of the EP Submission	To be implemented
--	--	Monitoring report	Minimize the potential impact to plant species of conservation importance	Contractors (C5, C6, C10 & C11) and qualified botanists appointed by Contractors / CEDD	Development areas of public (C5, C6, C10 & C11) and receptor site(s)	Throughout monitoring periods	Section 6.1.4 of the EP Submission	Under implementation
TCE								
		Pre-construction survey for the target species (which are the plant species of conservation importance, including but not limited to <i>Aquilaria sinensis</i> , <i>Pavetta hongkongensis</i> and <i>Gmelina chinensis</i>)	Minimize the potential impact to plant species and identification of conservation importance for transplantation	Contractor (C2) and Qualified Personnel	Development areas of public works (C2)	Pre-construction stage	Section 2 of the EP Submission	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		Review of receptor sites To provide consistent habitat characteristics (i.e. soil condition, topography, dominant plant species, degree of exposure to wind/sunlight, overhead/ground space for tree growth, and degree of human disturbance) allowing quick adaptation	Minimize the potential impact to plant species of conservation importance	Qualified Personnel [and agreed with ET/IEC, Project Manager and the future maintenance party taking into account the latest site condition]	Receptor sites	Prior to the commencement of transplantation	Section 4 of the EP Submission	Completed
9.8.3.11 & 9.8.3.12	--	Preservation	Minimize the potential impact to plant species of conservation importance	Contractor (C2) and Qualified Personnel	Development areas of public (C2) works	Monitoring conducted monthly throughout the construction period	Section 2.3 of the EP Submission	Under implementation
		Transplantation of the individual identified species Preparation of Receptor site, Preparation of Rootball and Root Pruning, Tree Lifting and Protection and Planting	Minimize the potential impact to plant species of conservation importance	Contractor (C2) and Qualified Personnel	Development areas of public works (C2) and receptor sites	Planting season (preferably from March to May and no later than September)	Section 5 of the EP Submission	Completed
		Post-transplantation maintenance All of the transplanted Gmelina chinensis individuals should be maintained by the Contractor for 12 months (establishment period) after planting into their final receptor sites.	Minimize the potential impact to plant species of conservation importance	Contractor (C2) and Qualified Personnel	Receptor sites	During post-transplantation stage	Section 5 of the EP Submission	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
		Post-transplantation monitoring Health conditions of the transplanted individuals should be monitored by the Qualified Personnel in the presence of ET for two years at the receptor sites. Monitoring of the transplanted individuals should be conducted once per monthly for the first year, and then quarterly for the second year as stipulated in EM&A Manual Section 11.4.4, given that the health conditions during the establishment period remained fair to good. Should problems relating to the transplanted tree health arise during the establishment period, monitoring frequency during post establishment period (throughout construction phase) would be subject to the situation and the advice of the ET.	Minimize the potential impact to plant species of conservation importance	Contractor (C2) and Qualified Personnel in the presence of ET	Receptor sites	During post-transplantation stage	Section 5 of the EP Submission	Under implementation
		Monitoring report	Minimize the potential impact to plant species of conservation importance	Contractor (C2) and Qualified Personnel	Development areas of C2 and receptor sites	Throughout monitoring periods	Section 5.4 of the EP Submission	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Compensatory Woodland Planting (Details according to submission of Detailed Compensatory Woodland Planting Plan as required under EP Condition 2.22)</i>								
--	--	<u>Site Preparation</u> - Boundary demarcated with durable and viewable implements. - Grass cutting/groundcover trimming and removal of invasive species. - Areas containing dense woody growth have their boundaries set out and protected. - Preserve existing woody shrubs and immature trees. - Excavate the planting pits according to the specified spacing before plant delivery	To provide a suitable environment for the compensatory woodland planting	CEDD / Contractors (TCE: C2 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	Prior to compensatory planting works	Section 3.4 of the EP Submission	Completed
--	--	<u>Site Survey</u> Conduct the site survey for the woodland planting area.	To verify the proposed details of work in the plan whether they could be executed or if any amendment is required.	CEDD / Contractors (TCE: C2 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	Prior to compensatory planting works	Section 1.5 of the EP Submission	Completed
--	--	<u>Plant Procurement</u> Early procurement of tree species.	To fulfill the specified quantities and sizes at the time of planting.	CEDD / Contractors (TCE: C2 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	Prior to compensatory planting works	Section 5.5 of the EP Submission	Completed

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
--	--	<u>Planting Scheme</u> <i>Core Area</i> - Understory plants should not be aggressive and would not adversely affect tree growth. <i>Green Firebreak Area</i> - Species selected should be fast growing and have dense canopies. - Green firebreak would have a width of 20 m. - Periodic maintenance (e.g. removal of understory growth and litter accumulation).	To establish a mature, closed canopy, dominated by native trees. Fire resistant native trees as the green firebreak area is required to protect the compensatory woodland from potential disturbance by fires.	CEDD / Contractors (TCE: C2 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	Prior to compensatory planting works	Section 5.1 – 5.3 of the EP Submission	Completed
--	--	<u>Plant Schedule and Matrix</u> A total estimated 36,000 nos. of whip trees will be planted (The actual no. of whip trees will be based on further review by qualified personnel and actual on-site preparation) or a maximum no. of planting by 1.5 m spacing whichever the less.	To fulfill the specified quantities and sizes at the time of planting	CEDD / Contractors (TCE: C2 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	During compensatory planting works	Section 5.4 of the EP Submission	Completed
--	--	<u>Fire Control</u> - Planting set back 15 m from any existing graves. - Periodic grass-cutting within the Green Firebreak Area and around nearby graves.	To prevent understory growth and litter accumulation which act as fuel causing spread of fire.	CEDD / Contractors (TCE: C2 & C3 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	During compensatory planting works	Section 3.5.4 of the EP Submission	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
--	--	<u>Post-planting Monitoring</u> - Post-planting monitoring carried out by Qualified Personnel at quarterly interval for at least 3 years and commence 3 months after completion of planting. - The compensatory woodland should be divided into a number of planting plots to facilitate monitoring. - Diverse mix of robust native tree	To monitor and provide remedial works to ensure the woodland establishment in long term	CEDD / Contractors (TCE: C2 & C3 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	Prior to commencement of compensatory planting works	Section 6.1 – 6.4 of the EP Submission	Under implementation (TCE) Completed (TCW)
--	--	<u>Establishment / Maintenance Works (10 years by CEDD, 3 years under current contracts provision and additional 7 years to be carried out by subsequent contracts)</u> - Quarterly inspection should be carried out to monitor the plants and identify any special operations required. - Regularly cut grass and remove noxious weeds. - Herbicides and pesticides should not be used unless in exceptional circumstances. - All weeding wastes should be carried away to a proper tipping point for disposal. - Remove weeds, understory growth and leaf litter.	To monitor and provide remedial works to ensure the woodland establishment in long term.	CEDD / Contractors (TCE: C2 & C3 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	10 years Establishment / Maintenance period	Section 6.6 – 6.12 of the EP Submission	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
--	--	<u>Action Targets based on Percentage Canopy</u> - Identify a fixed number of pilot trees with belt transect (with quadrats) method in each planting plot. - When the action level percentage canopy cover trigger, remedial measures, such as replacement of dead or poor health trees, shall be instigated.	To monitor the percentage canopy cover formation, growth rate and survival rate.	CEDD / Contractors (TCE: C2 & C3 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	3 rd , 7 th and 10 th years after planting	Section 6.5 of the EP Submission	Under Implementation
--	--	<u>Tree Risk Assessment</u> - TRAM and auditing exercise. - Tree Management Plan and Tree Risk Assessment to be submitted in the Construction Phase.	To identify the risk of the trees	CEDD / Contractors (TCE: C2 & C3 and TCW: C6)	Compensatory Woodland Planting A in TCE and Area B in TCW	Construction Phase when necessary (e.g., act on complaint)	Section 6.13 of the EP Submission	Under Implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Use of New Low Noise Road Surfacing Material(s) (Details to be provided after the submission of Plan for Review of Use of New Low Noise Road Surfacing Material(s) as required under EP Condition 2.23) [To be confirmed with latest update to the Plan]</i>								
		TCE						
--	--	Approximately 35m long LNRS along Road D4 (westbound)	Reduce operational noise from road traffic	CEDD and relevant contractors (TCE: C3)	Along Road D4 (westbound) between Area 100 and Area 109	Prior to operation of relevant sections of the concerned road	Section 3.1 and Figure 3.1 of the EP submission	To be implemented
--	--	Approximately 80m long LNRS along Road L4 (northbound)	Reduce operational noise from road traffic	CEDD and relevant contractors (TCE: C3)	Along Road L4 (northbound) between Area 103 and Area 109	Prior to operation of relevant sections of the concerned road	Section 3.1 and Figure 3.1 of the EP submission	Under implementation
--	--	Approximately 175m long LNRS along Road L4 (northbound)	Reduce operational noise from road traffic	CEDD and relevant contractors (TCE: C3)	Along Road L4 (northbound) between Area 99 and Area 100	Prior to operation of relevant sections of the concerned road	Section 3.1 and Figure 3.1 of the EP submission	Under implementation
--	--	Approximately 160m long LNRS along Road L4 (southbound)	Reduce operational noise from road traffic	CEDD and relevant contractors (TCE: C3)	Along Road L4 (southbound) between Area 99 and Area 100	Prior to operation of relevant sections of the concerned road	Section 3.1 and Figure 3.1 of the EP submission	Under implementation

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
--	--	Approximately 120m long LNRS along Road L5 (westbound and eastbound, Ying Tung Road)	Reduce operational noise from road traffic	CEDD and relevant contractors (TCE: C3)	Along Road L5 (westbound and eastbound, Ying Tung Road) between Ying Tung Estate and Area 99	Prior to operation of relevant sections of the concerned road	Section 3.1 and Figure 3.1 of the EP submission	Under implementation
		TCW						
--	--	Approximately 210m long LNRS along Chung Mun Road; approximately 160m long LNRS along Road L29; and approximately 163m long LNRS along Road L30	Reduce operational noise from road traffic	CEDD and relevant contractors (TCW: C6)	Along Chung Mun Road, Road L29 and Road L30	Prior to operation of relevant sections of the concerned road	Section 2.2.2 and Figure 1.1 of the EP submission	To be implemented

Environmental Mitigation Implementation Schedule – Tung Chung New Town Extension

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Implementation Agent	Location / Timing	Implementation Stage	Requirements and / or standards to be achieved	Implementation Status
<i>Follow-up actions to be taken by the Contractor and Dump Truck Drivers in case of Illegal Dumping and Landfilling of C&D Materials (Extracted from Waste Management Plan submitted under Condition 2.24 of the EP)</i>								
S5.4	WM1	Investigation report will be prepared by the Contractor and submit to ER within 2 working days.	Control EM&A Performance	Contractors	All construction sites in TCE and TCW	Construction stage	• EP • Contractual requirements	Under Implementation
S5.4	WM2	The Contractor will discuss with ER for the follow up actions (e.g. warning letter, cease operation, etc.) if required.	Control EM&A Performance	Contractors	All construction sites in TCE and TCW	Construction stage	• EP • Contractual requirements	Under Implementation



ANNEX C

STATUS OF SUBMISSIONS AND IMPLEMENTATION STATUS OF MITIGATION MEASURES UNDER EP

Status of Submissions and Implementation Status of Mitigation Measures under EP

EP Condition	Submission / Implementation Status	Status
2.1	Set up of Community and Professional Liaison Groups	Community and Professional Liaison Groups were set up.
2.1	Complaint Management Plan (for Contracts 2, 3 and 7)	Updated Plan was submitted to EPD on 9 May 2025 and accepted by EPD on 21 May 2025
2.5	Employment of Qualified Ecologist(s)	Qualified Ecologists have been employed to carry out work relating to ecological aspects.
2.6	Employment of Surveillance Team	Surveillance Team has been employed to conduct regular site inspection.
2.11	Management Organizations (for Contracts 1, 2, 3 and 7)	Updated Submission was submitted to EPD on 14 May 2026 and accepted by EPD on 9 June 2026
2.12	Construction Works Schedule and Location Plans (for Contracts 1, 2, 3 and 7)	Updated Plan was submitted to EPD on 13 August 2026
2.13	Works Vessel Travel Route Plan (for Contract 3)	The updated Plan was accepted by EPD on 2 January 2025
2.14	Eco-shoreline Implementation Plan (for Contract 1)	Updated Plan was accepted by EPD on 24 July 2023
2.15	Dolphin Watching Plan (for Contract 1)	Updated Plan was submitted on 21 September 2018 and accepted by EPD on 12 October 2018
2.16	Silt Curtain Deployment Plan (for Contract 1)	Updated Plan was accepted by EPD on 24 April 2023
2.17	Spill Response Plan (for Contract 1)	Accepted by EPD
2.18	Plan on Provision of Buffer Zones	To be prepared no later than 3 months before the commencement of construction works at Tung Chung Valley. Refer to the EM&A Reports of TCW.
2.19	River Park Plan	To be prepared no later than 3 months before the commencement of construction works at Tung Chung Valley. Refer to the EM&A Reports of TCW.
2.20	Habitat Enhancement and Translocation Plan for Amphibian Species of Conservation Importance	To be prepared no later than 3 months before the commencement of construction works at Tung Chung Valley. Refer to the EM&A Reports of TCW.
2.21	Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance	Accepted by EPD on 9 December 2021
2.22	Detailed Compensatory Woodland Planting Plan	The Plan was submitted to EPD on 10 June 2022 and accepted with conditions by EPD on 23 June 2022
2.23	Plan for Review of Use of New Low Noise Road Surfacing Material(s)	Updated Plan for Road D4 , Road L4 and Road L5 (Ying Tung Road) was approved by EPD on 1 June 2026.
2.24	Waste Management Plan (for Contracts 1, 2, 3 and 7)	Updated Plan was accepted by EPD on 18 May 2023

EP Condition	Submission / Implementation Status	Status
2.25	(i) no dredging of marine sediment shall be carried out for the Project	Completed
	(ii) all reclamation filling works shall be carried out within a leading seawall of at least 200m; and	Completed
	(iii) silt curtains surrounding the reclamation area shall be deployed in accordance with the Silt Curtain Deployment Plan	Completed
2.26	Implement Silt Curtain Deployment Plan and Spill Response Plan	Completed
2.27	Implement dolphin exclusion zone of 250m around the reclamation site at Tung Chung East during the installation of the perimeter silt curtains and any re-deployment of the perimeter silt curtains by Qualified Ecologist(s)	Completed
2.28	Once the perimeter silt curtains are installed or re-deployed, the Dolphin Watching Plan shall be implemented as part of the EM&A programme	Completed
2.29	(i) no underwater blasting and percussive piling shall be carried out for the Project; and	Completed
	(ii) air compressors and other noisy equipment mounted on works vessels shall be acoustically-decoupled	Completed
2.30	Implement Works Vessel Travel Route Plan	Updated Plan was accepted by EPD on 2 January 2025.
	Implement Eco-shoreline Implementation Plan	Under implementation
	Implement Dolphin Watching Plan	Completed
2.31	Implement Plan on Provision of Buffer Zones, River Park Plan, Habitat Enhancement and Translocation Plan for Amphibian Species of Conservation Importance, Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance and Detailed Compensatory Woodland Planting Plan	Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance and Detailed Compensatory Woodland Planting Plan are under implementation
2.32	Implement Plan for review of the use of new road surfacing material(s)	Under implementation
	Implement Waste Management Plan	Under implementation
2.33	Install noise barriers and low noise road surfacing at the extended Chung Mun Road and Road D3	To be implemented
	All noise mitigation measures implemented shall be properly maintained during the operation of the above roads	

EP Condition	Submission / Implementation Status	Status
2.34	Implement a deodouriser with an odour removal efficiency of at least 95% shall be installed, operated and maintained within each sewage pumping station. The exhaust of the deodouriser shall be oriented away from sensitive receivers; and all odourous facilities of each sewage pumping station shall be enclosed and negative pressure shall be maintained within the facilities.	Partial surrender of EP conditions was agreed by EPD on 7 January 2026.
2.35	Enclose all the pumps inside a building structure	Partial surrender of EP conditions was agreed by EPD on 7 January 2026.
2.36	(i) a 100% standby pumping capacity shall be installed and maintained (ii) a 50% spare pumping capacity shall be installed and maintained (iii) dual-feed power supply shall be installed and maintained; and (iv) an emergency facility with a 6-hour storage capacity of average dry weather flow shall be installed and maintained.	Partial surrender of EP conditions was agreed by EPD on 7 January 2026. Partial surrender of EP conditions was agreed by EPD on 7 January 2026. Partial surrender of EP conditions was agreed by EPD on 7 January 2026. Partial surrender of EP conditions was agreed by EPD on 7 January 2026.



ANNEX D

STATUS OF STATUTORY ENVIRONMENTAL REQUIREMENTS

Annex D Status of Statutory Environmental Requirements

Contract No.	Description	Location	Ref No.	Status
General	Environmental Permit	TCNTE Works Area	EP-519/2016	Granted on 9 Aug 2016
Contract No. NL/2020/02 (Contract 2)	Billing Account for Disposal of Construction Waste	-	Application No. 7040975	Approved on 29 Jul 2021
	Registration as Chemical Waste Producer	Working site of Contract No. NL/2020/02	WPN-5213-950-C4323-04	Issued on 17 Aug 2021
	Discharge License under Water Pollution Control Ordinance	Portion 3	WT00040695-2022	Validity from 14 Jun 2022 to 30 Jun 2027
Contract No. NL/2020/03 (Contract 3)	Billing Account for Disposal of Construction Waste	-	Application No. 7041004	Approved on 13 Jul 2021
	Registration as Chemical Waste Producer	Working site of Contract No. NL/2020/03	WPN-5213-950-B2500-07	Issued on 25 Aug 2021
	Construction Noise Permit	Main Reclamation Area and MDN Areas	GW-RS0519-26	Validity from 15 May 2026 to 14 Nov 2026
		Truck Mobilization	GW-RS0674-26	Validity from 20 Jun 2026 to 19 Nov 2026
		Removing Temporary Lighting Columns at Ying Tung Road	GW-RS1002-26	Validity from 22 Aug 2026 to 31 Oct 2026
	Discharge License under Water Pollution Control Ordinance	Construction Site of Contract No. NL/2020/03	WT00039577-2021	Validity from 1 Dec 2021 to 31 Dec 2026
		Construction Site of Contract No. NL/2020/03 (Man Tung Road)	WT10001265-2023	Validity from 13 Oct 2023 to 31 Oct 2028
		Construction Site of Contract No. NL/2020/03 (Yi Tung Road)	WT10001296-2023	Validity from 19 Oct 2023 to 31 Oct 2028

Contract No.	Description	Location	Ref No.	Status
		Construction Site of Contract No. NL/2020/03 (Ying Tung Road)	WT10002162-2023	Validity from 1 Mar 2024 to 29 Mar 2029
	Licence for the conduct of a Specified Process (SP Licence)	TCNTE Works Area	L-3-264(2)	Validity from 22 May 2025 to 21 May 2027
Contract No. NL/2020/07 (Contract 7)	Billing Account for Disposal of Construction Waste	-	Application No. 7041997	Approved on 26 Oct 2021
	Registration as Chemical Waste Producer	Working site of Contract No. NL/2020/07	WPN-5213-961-B2500-08	Issued on 30 Nov 2021
	Construction Noise Permit	Fast Lane in NLH	GW-RS0640-26	Validity from 8 Jun 2026 to 30 Sep 2026
		EDS3	GW-RS0645-26	Validity from 8 Jun 2026 to 7 Sep 2026
		Pak Mong Subway - ELS	GW-RS0548-26	Validity from 18 May 2026 to 30 Sep 2026
		Road Sections of North Lantau Highway near Siu Ho Wan Depot	GW-RS0448-26	Validity from 9 May 2026 to 2 Aug 2026
		Pak Mok Saw Cut	GW-RS0549-26	Validity from 18 May 2026 to 17 Aug 2026
		DS35, 36	GW-RS0927-26	Validity from 12 Aug 2026 to 31 Oct 2026
		EDS1 &2	GW-RS0929-26	Validity from 12 Aug 2026 to 31 Oct 2026
		Asphalt Work in Slip Roads	GW-RS1021-26	Validity from 31 Aug 2026 to 26 Feb 2027
	Discharge License under Water Pollution Control Ordinance	Working site of Contract No. NL/2020/07 (Portion 32)	WT00041756-2022	Validity from 27 Oct 2022 to 31 Oct 2027

Contract No.	Description	Location	Ref No.	Status
	Working site of Contract No. NL/2020/07 (Portion 33, 36-38)		WT00040693- 2022	Validity from 31 May 2022 to 31 May 2027
	Working site of Contract No. NL/2020/07 (Portion 30, 31)		WT0043124-2023	Validity from 2 Mar 2023 to 31 Mar 2028
	Working site of Contract No. NL/2020/07 (Portion 146)		WT00043119- 2023	Validity from 2 Mar 2023 to 31 Mar 2028



ANNEX E

AIR QUALITY



ANNEX E1

CALIBRATION CERTIFICATES FOR AIR
QUALITY



SUB-CONTRACTING REPORT

CONTACT	: MR MAGNUM FAN	WORK ORDER	: HK2545418
CLIENT	: ENVIROTECH SERVICES CO.		
ADDRESS	: RM 712, 7/F, MY LOFT 9 HOI WING ROAD, TUEN MUN, N.T. HK	SUB-BATCH	: 1
		DATE RECEIVED	: 18-OCT-2025
		DATE OF ISSUE	: 24-OCT-2025
PROJECT	: Not Specified	NO. OF SAMPLES	: 1
		CLIENT ORDER	: ---

General Comments

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

Signatories

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

Signatories

Position

Richard Fung

Managing Director

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

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

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

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

WORK ORDER : HK2545418
SUB-BATCH : 1
CLIENT : ENVIROTECH SERVICES CO.
PROJECT : Not Specified



ALS Lab ID	Client's Sample ID	Sample Type	Sample Date	External Lab Report No.
HK2545418-001	Sibata LD-5R (781281)	Equipments	21-Oct-2025	S/N: 781281

----- END OF REPORT -----

**Equipment Verification Report (TSP)****Equipment Calibrated:**

Type: Laser Dust Monitor
Manufacturer: Sibata LD-5R
Serial No.: 781281
Equipment Ref.: N/A
ALS Job Order: HK2544216

Standard Equipment

Standard Equipment: High Volume Sampler (TSP)
Location : Envirotech Room (Calibration Room)
Equipment Ref.: HVS 8162
Last Calibration Date: 11-Oct-2025

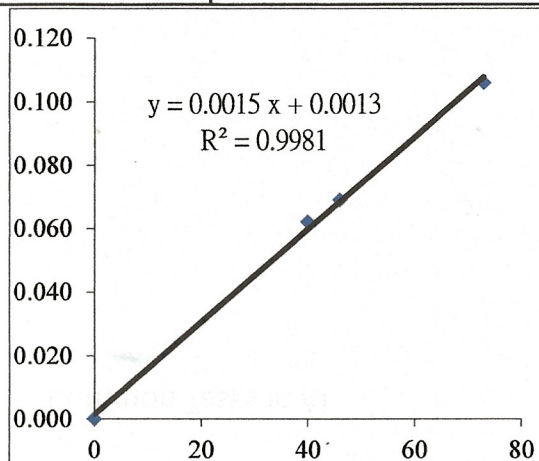
Equipment Verification Results:

Verification Date: 11-Oct-2025

Hour	Time	Mean Temp °C	Mean Pressure (hpa)	TSP Level in mg (Standard Equipment) (Y-Axis)	Total Count (Calibrated Equipment) (X-Axis)
1hr 00mins	0905-1005	28.2	1013.1	0.062	40
2hr 00mins	1015-1215	28.5	1013.0	0.069	46
3hr 00mins	1410-1710	31.1	1012.8	0.106	73

Linear Regression of Y or X

Slope (K-factor): 0.0015(mg)/Count
Correlation Coefficient (R): 0.9991
Date of Issue: 18-Oct-2025

**Remarks:**

1. Strong Correlation (>0.8)
2. Factor 0.0015(mg)/Count should be applied for TSP monitoring

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

Operator: P.F.Yeung Signature [Signature] Date: 18 Oct 2025

QC Reviewer: K.F.Ho Signature [Signature] Date: 18 Oct 2025

TSP SAMPLER CALIBRATION CALCULATION SPREADSHEET

Location : Rm. 712, My Loft, Tuen Mun	Date of Calibration: 11-Oct-25
HVS ID: 8162	Next Calibration Date: 11-Dec-25
Name and Model : TISCH HVS Model TE-5170	Operator: K.F.Ho

CONDITIONS

Sea Level Pressure (hpa)	1013.1	Corrected Pressure (mm Hg)	759.9
Temperature (°C)	28.2	Temperature (K)	301.2

CALIBRATION ORIFICE

Make:	TISCH	Qstd Slope	2.08315
Model:	TE-5025A	Qstd Intercept	-0.04938
Serial#:	2454		

CALIBRATION

Plate No.	H2O(L) (in)	H2O(R) (in)	H2O (in)	Qstd (m3/min)	I (chart)	IC (corrected)	LINEAR REGRESSION
18	6.8	6.6	13.4	1.772	58	57.70	Slope= 44.490 Intercept= -21.891 Corr. Coeff.= 0.9991
13	5.6	5.6	11.2	1.622	50	49.74	
10	4.2	4.0	8.2	1.391	40	39.79	
7	2.6	2.6	5.2	1.113	27	26.86	
5	1.6	1.6	3.2	0.878	18	17.91	

Calculations:

$$Qstd = 1/m[\sqrt{H2O(Pa/Pstd)(Tstd/Ta)} - b]$$

$$IC = I[\sqrt{Pa/Pstd}(Tstd/Ta)]$$

Qstd = standard flow rate

IC = corrected chart response

I = actual chart response

m = calibrator Qstd slope

b = calibrator Qstd intercept

Ta = actual temperature during calibration (deg K)

Pa = actual pressure during calibration (mm Hg)

For subsequent calculation of sampler flow:

$$1/m(I[\sqrt{298/Tav}(Pav/760)] - b)$$

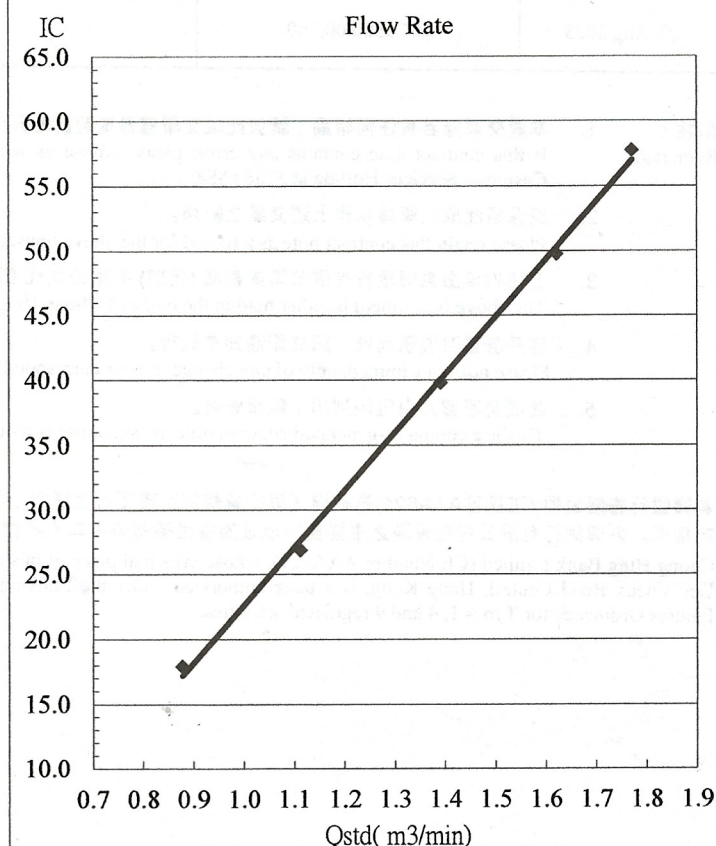
m = sampler slope

b = sampler intercept

I = chart response

Tav = daily average temperature

Pav = daily average pressure



Certificate of Calibration

Calibration Certification Information

Cal. Date: December 2, 2024

Rootsmer S/N: 438320

Ta: 293 °K

Operator: Jim Tisch

Pa: 757.4 mm Hg

Calibration Model #: TE-5025A

Calibrator S/N: 2454

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4200	3.2	2.00
2	3	4	1	1.0170	6.4	4.00
3	5	6	1	0.9090	7.9	5.00
4	7	8	1	0.8700	8.8	5.50
5	9	10	1	0.7140	12.8	8.00

Data Tabulation

Vstd (m3)	Qstd (x-axis)	$\sqrt{\Delta H \left(\frac{Pa}{Pstd} \right) \left(\frac{Tstd}{Ta} \right)}$ (y-axis)	Va	Qa (x-axis)	$\sqrt{\Delta H \left(\frac{Ta}{Pa} \right)}$ (y-axis)
1.0093	0.7108	1.4238	0.9958	0.7013	0.8796
1.0051	0.9883	2.0136	0.9916	0.9750	1.2439
1.0031	1.1035	2.2512	0.9896	1.0886	1.3907
1.0018	1.1515	2.3611	0.9884	1.1361	1.4586
0.9965	1.3956	2.8476	0.9831	1.3769	1.7592
QSTD	m=	2.08315	QA	m=	1.30443
	b=	-0.04938		b=	-0.03050
	r=	0.99985		r=	0.99985

Calculations

Vstd=	$\Delta Vol((Pa-\Delta P)/Pstd)(Tstd/Ta)$	Va=	$\Delta Vol((Pa-\Delta P)/Pa)$
Qstd=	$Vstd/\Delta Time$	Qa=	$Va/\Delta Time$
For subsequent flow rate calculations:			
Qstd=		Qa=	
$1/m \left(\left(\sqrt{\Delta H \left(\frac{Pa}{Pstd} \right) \left(\frac{Tstd}{Ta} \right)} \right) - b \right)$		$1/m \left(\left(\sqrt{\Delta H \left(\frac{Ta}{Pa} \right)} \right) - b \right)$	

Standard Conditions

Tstd:	298.15 °K
Pstd:	760 mm Hg
Key	
ΔH: calibrator manometer reading (in H2O)	
ΔP: rootsmer manometer reading (mm Hg)	
Ta: actual absolute temperature (°K)	
Pa: actual barometric pressure (mm Hg)	
b: intercept	
m: slope	

RECALIBRATION

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



ANNEX E2

MONITORING SCHEDULE FOR AIR
QUALITY

Tung Chung New Town Extension (East)
Air Quality Monitoring Schedule (August 2026)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1-Aug
						Air Quality Monitoring
2-Aug	3-Aug	4-Aug	5-Aug	6-Aug	7-Aug	8-Aug
					Air Quality Monitoring	
9-Aug	10-Aug	11-Aug	12-Aug	13-Aug	14-Aug	15-Aug
				Air Quality Monitoring		
16-Aug	17-Aug	18-Aug	19-Aug	20-Aug	21-Aug	22-Aug
			Air Quality Monitoring			
23-Aug	24-Aug	25-Aug	26-Aug	27-Aug	28-Aug	29-Aug
		Air Quality Monitoring				
30-Aug	31-Aug					
	Air Quality Monitoring					



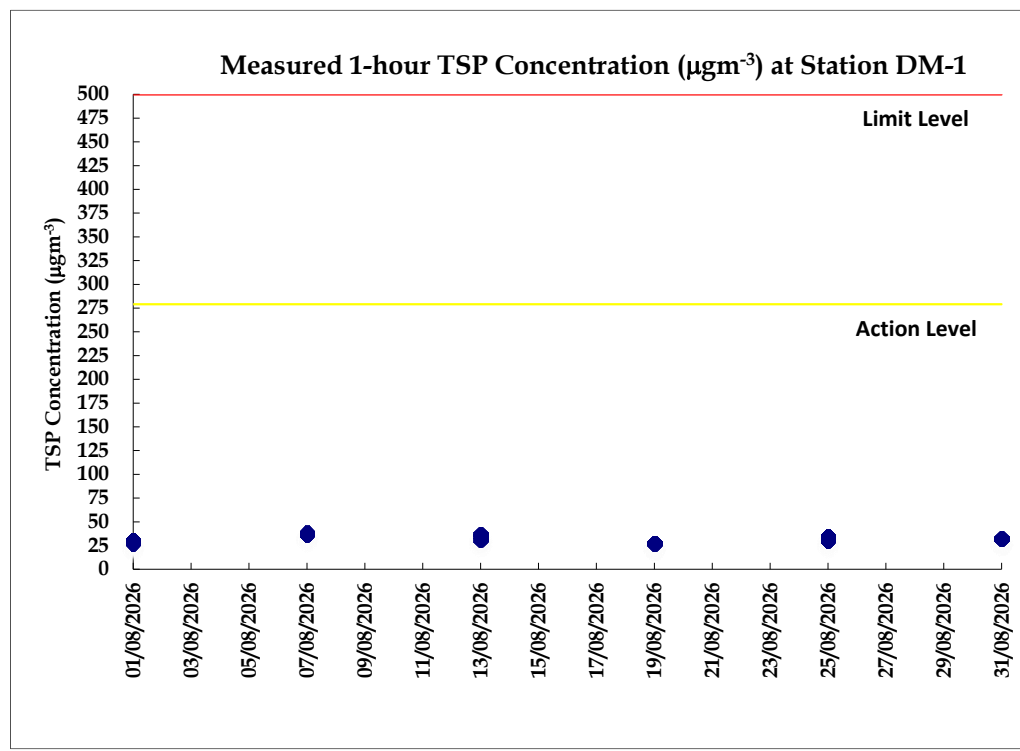
ANNEX E3

MONITORING RESULTS FOR AIR
QUALITY

Table E3 **Data for 1-hr TSP Monitoring at Station DM-1**

Date	Start Time	Finish Time	Weather	1-hour TSP ($\mu\text{g}/\text{m}^3$)
1/8/2026	9:01	10:01	Cloudy	31
1/8/2026	10:01	11:01	Cloudy	27
1/8/2026	11:01	12:01	Cloudy	28
7/8/2026	13:26	14:26	Sunny	36
7/8/2026	14:26	15:26	Sunny	39
7/8/2026	15:26	16:26	Sunny	38
13/8/2026	9:02	10:02	Sunny	31
13/8/2026	10:02	11:02	Sunny	37
13/8/2026	11:02	12:02	Sunny	35
19/8/2026	13:26	14:26	Sunny	27
19/8/2026	14:26	15:26	Sunny	28
19/8/2026	15:26	16:26	Sunny	27
25/8/2026	13:06	14:06	Cloudy	32
25/8/2026	14:06	15:06	Cloudy	35
25/8/2026	15:06	16:06	Cloudy	30
31/8/2026	9:00	10:00	Sunny	32
31/8/2026	10:00	11:00	Sunny	32
31/8/2026	11:00	12:00	Sunny	33

Figure E3 Graphical Presentation for 1-hr TSP Monitoring at Station DM-1





ANNEX E4

EVENT AND ACTION PLAN FOR AIR
QUALITY

Annex E4 *Event and Action Plan for Air Quality*

Event	Action			
	ET	IEC	ER	Contractor
Action level exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform IEC and ER; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
Action level exceedance for two or more consecutive samples	1. Identify source; 2. Inform IEC and ER; 3. Advise the ER on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and ER; 8. If exceedance stops, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ET on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Submit proposals for remedial to ER within 3 working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.

Event	Action			
	ET	IEC	ER	Contractor
Limit level exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform ER, Contractor and EPD; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ER on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate.
Limit level exceedance for two or more consecutive samples	1. Notify IEC, ER, Contractor and EPD; 2. Identify source; 3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consultation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.



ANNEX F

NOISE



ANNEX F1

CALIBRATION CERTIFICATES FOR NOISE

Certificate of Calibration

Certificate No. ATS25-066-CC007

Customer: **Envirotech Services Company**

Room 712, 7/F, My Loft,
9 Hoi Wing Road, Tuen Mun
N.T., Hong Kong

Unit-under-test (UUT):

Description: Precision Acoustic Calibrator
Manufacturer: Larson Davis
Type No.: CAL 200
Serial No.: 11334

Conditions during calibration:

Temperature: 26°C
Relative Humidity: 57%

Test Specifications: Calibration Check

Date of calibration: 20 September 2025

Test Results: All calibration points are within manufacturer's specification.

Certified by:


Mr. Y. T. LEUNG / Technical Manager
MIOA, MHKIOA, MHKIQEP



Issue Date: 20 September 2025

1. The instrument under test was allowed to stabilize in the laboratory for over 24 hours.

2. Calibration equipment:

Description:	Sound Analyzer	Reference Microphone
Manufacturer:	Brüel & Kjær	Brüel & Kjær
Type No.:	2270	4189
Serial No.:	3001883	2662797
Last Calibration Date:	11 March 2025	11 March 2025
Certificate No.:	AV250047	AV250047

The calibration equipment used for calibration is traceable to National Standards via Standards and Calibration Laboratory, the Government of the HKSAR.

3. The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted, if any, will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. Acoustic Testing Services Limited shall not be liable for any loss or damage resulting from the use of the equipment.

4. Calibration Results

Nominal value dB	Measured value dB	IEC 60942 Class 1 Tolerance Limits dB	Conclusion	Expanded Measurement Uncertainty of Reference Microphone B&K 4189 at 1000 Hz dB
94.00	94.07	± 0.25	PASS	0.20
114.0	113.76	± 0.25	PASS	0.20

All calibration points are within manufacturer's specification.

Certificate of Calibration

for

Description: *Sound Level Meter*
Manufacturer: *RION*
Type No.: *NL-52 (Serial No.: 00175561)*
Microphone: *UC-59 (Serial No.: 16651)*
Preamplifier: *NH-25 (Serial No.: 65663)*

Submitted by:

Customer: *Envirotech Services Co.*
Address: *Rm. 712, 7/F., My Loft, 9 Hoi Wing Road,*
Tuen Mun, Hong Kong

Upon receipt for calibration, the instrument was found to be:

- ☒ **Within (31.5Hz – 8kHz)**
☐ **Outside**

the allowable tolerance.

The test equipment used for calibration are traceable to National Standards via:

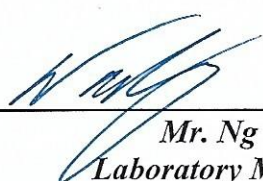
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 07 January 2026

Date of calibration: 08 January 2026

Date of NEXT calibration: 07 January 2027

Calibrated by: 
Calibration Technician

Certified by: 
Mr. Ng Yan Wa
Laboratory Manager

Date of issue: 08 January 2026

Certificate No.: APJ25-115-CC002



Page 1 of 4

1. Calibration Precaution:

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

2. Calibration Conditions:

Air Temperature: 23.2 °C
 Air Pressure: 1006 hPa
 Relative Humidity: 47.2 %

3. Calibration Equipment:

	Type	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV240081	HOKLAS

4. Calibration Results

Sound Pressure Level

Reference Sound Pressure Level

Setting of Unit-under-test (UUT)				Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting		Level, dB	Frequency, Hz	dB	Specification, dB
30-130	dBA SPL	Fast		94	1000	94.0	±0.4

Linearity

Setting of Unit-under-test (UUT)				Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting		Level, dB	Frequency, Hz	dB	Specification, dB
30-130	dBA SPL	Fast		94	1000	94.0	Ref
				104		104.3	±0.3

Time Weighting

Setting of Unit-under-test (UUT)				Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting		Level, dB	Frequency, Hz	dB	Specification, dB
30-130	dBA SPL	Fast		94	1000	94.0	Ref
		Slow				94.0	±0.3

Certificate No.: APJ25-115-CC002



Page 2 of 4

Frequency Response

Linear Response

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
30-130	dB	SPL	94	31.5	94.2	± 2.0
				63	94.3	± 1.5
				125	94.3	± 1.5
				250	94.2	± 1.4
				500	94.1	± 1.4
				1000	94.0	Ref
				2000	93.8	± 1.6
				4000	93.3	± 1.6
				8000	91.6	+2.1; -3.1

A-weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
30-130	dBA	SPL	94	31.5	54.8	-39.4 ± 2.0
				63	68.1	-26.2 ± 1.5
				125	78.1	-16.1 ± 1.5
				250	85.5	-8.6 ± 1.4
				500	90.9	-3.2 ± 1.4
				1000	94.0	Ref
				2000	95.1	$+1.2 \pm 1.6$
				4000	94.3	$+1.0 \pm 1.6$
				8000	90.5	-1.1 ± 2.1 ; -3.1

C-weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
30-130	dBC	SPL	94	31.5	91.2	-3.0 ± 2.0
				63	93.5	-0.8 ± 1.5
				125	94.1	-0.2 ± 1.5
				250	94.2	-0.0 ± 1.4
				500	94.1	-0.0 ± 1.4
				1000	94.0	Ref
				2000	93.7	-0.2 ± 1.6
				4000	92.5	-0.8 ± 1.6
				8000	88.6	-3.0 ± 2.1 ; -3.1



Certificate No.: APJ25-115-CC002

Page 3 of 4

5. Calibration Results Applied

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

Uncertainties of Applied Value:

94 dB	31.5 Hz	± 0.10
	63 Hz	± 0.05
	125 Hz	± 0.10
	250 Hz	± 0.10
	500 Hz	± 0.05
	1000 Hz	± 0.05
	2000 Hz	± 0.05
	4000 Hz	± 0.05
	8000 Hz	± 0.10
104 dB	1000 Hz	± 0.05
114 dB	1000 Hz	± 0.05

The uncertainties are evaluated for a 95% confidence level.

Note:

The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. (A+A)*L shall not be liable for any loss or damage resulting from the use of the equipment.



ANNEX F2

MONITORING SCHEDULE FOR NOISE

Tung Chung New Town Extension (East)
Noise Monitoring Schedule (August 2026)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1-Aug
						Noise Monitoring
2-Aug	3-Aug	4-Aug	5-Aug	6-Aug	7-Aug	8-Aug
					Noise Monitoring	
9-Aug	10-Aug	11-Aug	12-Aug	13-Aug	14-Aug	15-Aug
				Noise Monitoring		
16-Aug	17-Aug	18-Aug	19-Aug	20-Aug	21-Aug	22-Aug
			Noise Monitoring			
23-Aug	24-Aug	25-Aug	26-Aug	27-Aug	28-Aug	29-Aug
		Noise Monitoring				
30-Aug	31-Aug					
	Noise Monitoring					



ANNEX F3

MONITORING RESULTS FOR NOISE

Table F3.1 **Data for Noise Monitoring at Station NMS-CA-1A during Normal Working Hours (0700-1900 hours)**

Date & Time	L _{eq} (5min)	L ₁₀	L ₉₀	L _{eq} (30min)
1/8/2026 10:23	64.8	67.7	58.4	64.0
1/8/2026 10:28	63.8	66.3	58.6	
1/8/2026 10:33	64.8	67.2	59.5	
1/8/2026 10:38	63.6	66.5	59.1	
1/8/2026 10:43	64.0	66.0	59.1	
1/8/2026 10:48	62.8	66.1	58.0	
7/8/2026 15:21	66.1	68.3	61.9	65.0
7/8/2026 15:26	64.8	67.4	59.6	
7/8/2026 15:31	63.6	65.9	59.0	
7/8/2026 15:36	64.3	66.8	59.1	
7/8/2026 15:41	64.4	67.2	58.4	
7/8/2026 15:46	66.0	67.4	59.2	
13/8/2026 10:30	66.8	70.4	59.3	64.8
13/8/2026 10:35	64.2	65.9	59.1	
13/8/2026 10:40	63.0	65.3	58.4	
13/8/2026 10:45	63.5	65.9	57.9	
13/8/2026 10:50	64.9	67.5	59.7	
13/8/2026 10:55	65.5	67.3	59.0	
19/8/2026 15:21	64.1	66.7	59.6	64.3
19/8/2026 15:26	63.3	66.1	58.8	
19/8/2026 15:31	61.7	63.8	58.2	
19/8/2026 15:36	66.1	69.6	60.3	
19/8/2026 15:41	64.8	67.0	59.5	
19/8/2026 15:46	64.3	67.7	60.2	
25/8/2026 15:03	64.6	68.7	57.8	63.8
25/8/2026 15:08	62.3	64.8	57.9	
25/8/2026 15:13	64.2	66.6	57.9	
25/8/2026 15:18	61.3	63.9	57.7	
25/8/2026 15:23	66.0	68.2	59.5	
25/8/2026 15:28	62.5	64.9	58.7	
31/8/2026 10:22	64.5	67.9	58.0	65.6
31/8/2026 10:27	66.2	67.5	58.8	
31/8/2026 10:32	63.5	65.9	58.9	
31/8/2026 10:37	65.3	68.3	59.9	
31/8/2026 10:42	67.5	71.2	60.5	
31/8/2026 10:47	65.6	69.4	58.9	

Figure F3.1 **Graphical Presentation for Noise Monitoring at Station NMS-CA-1A**

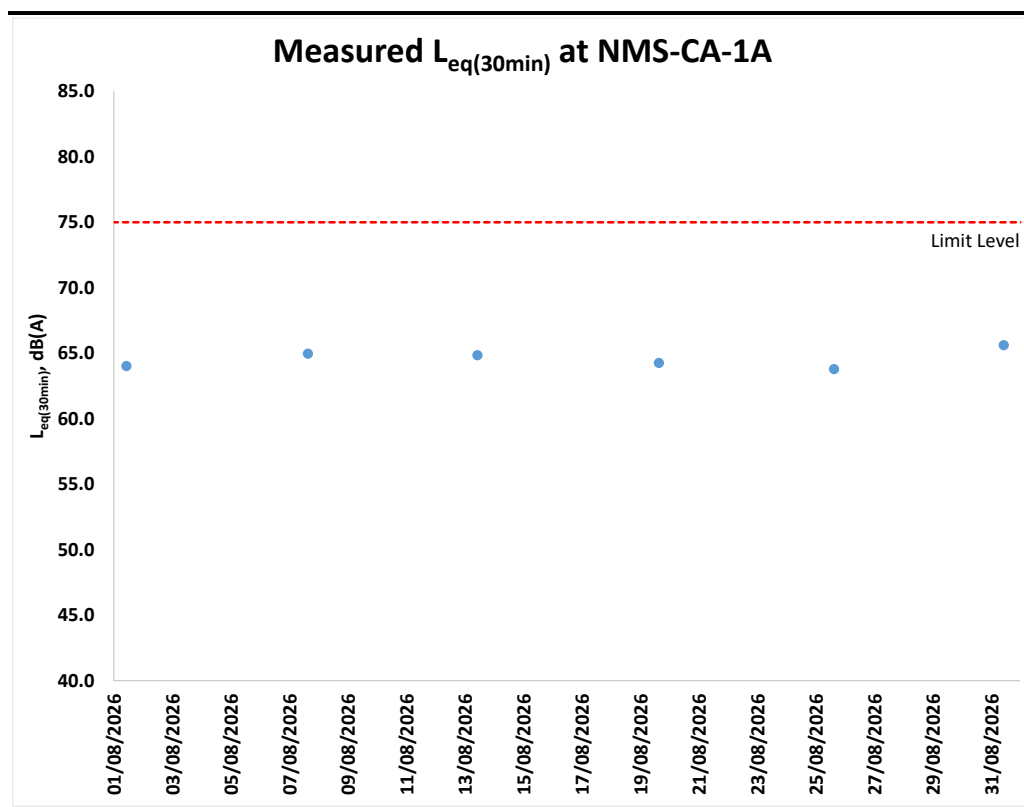
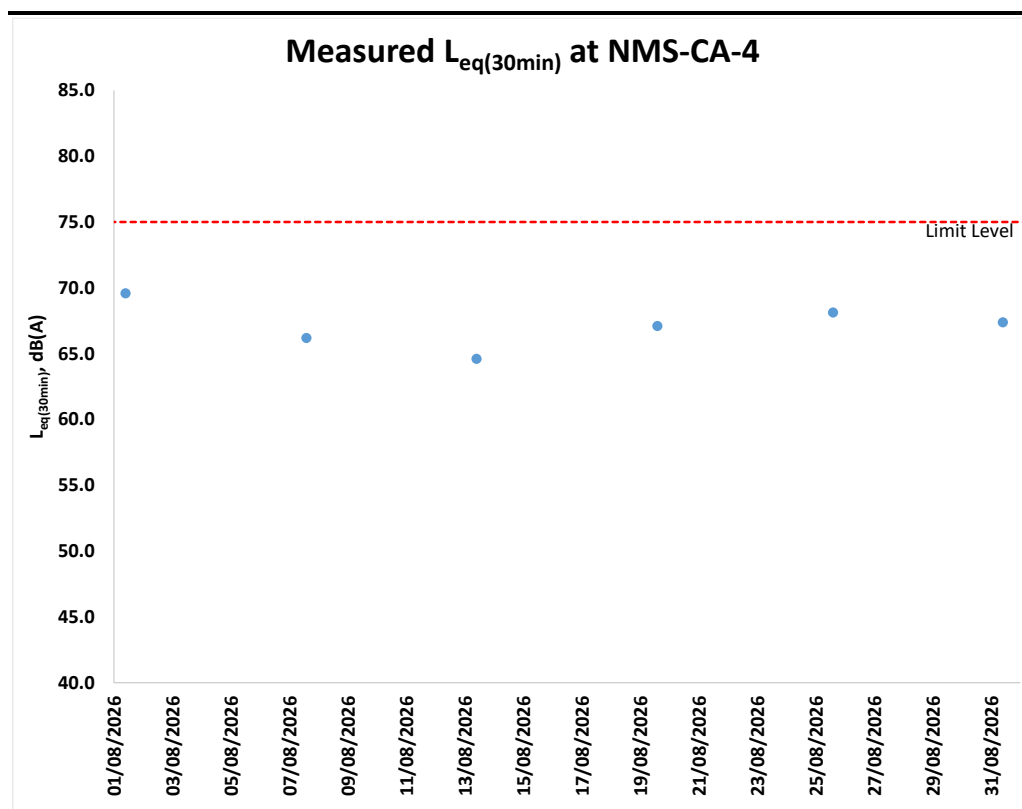


Table F3.2 **Data for Noise Monitoring at Station NMS-CA-4 during Normal Working Hours (0700-1900 hours)**

Date & Time	L _{eq} (5min)	L ₁₀	L ₉₀	L _{eq} (30min)
1/8/2026 9:42	66.5	68.6	63.6	69.6
1/8/2026 9:47	66.5	68.4	63.9	
1/8/2026 9:52	70.4	71.6	65.6	
1/8/2026 9:57	70.7	71.6	69.7	
1/8/2026 10:02	70.3	71.0	69.5	
1/8/2026 10:07	70.8	72.0	69.2	
7/8/2026 14:09	66.5	68.3	64.4	66.2
7/8/2026 14:14	66.9	68.6	65.0	
7/8/2026 14:19	66.1	67.6	64.0	
7/8/2026 14:24	66.0	67.4	63.2	
7/8/2026 14:29	65.8	67.0	63.4	
7/8/2026 14:34	65.7	68.1	63.2	
13/8/2026 9:44	64.5	65.8	62.5	64.6
13/8/2026 9:49	63.9	65.4	62.2	
13/8/2026 9:54	65.4	67.2	62.7	
13/8/2026 9:59	63.7	65.1	62.2	
13/8/2026 10:04	65.1	66.6	63.2	
13/8/2026 10:09	64.7	65.8	63.5	
19/8/2026 14:08	67.1	68.7	65.4	67.1
19/8/2026 14:13	67.3	69.0	65.2	
19/8/2026 14:18	68.1	70.0	66.0	
19/8/2026 14:23	67.1	68.3	65.7	
19/8/2026 14:28	66.3	67.7	64.5	
19/8/2026 14:33	66.4	67.9	64.6	
25/8/2026 14:23	68.2	69.3	67.0	68.1
25/8/2026 14:28	68.0	69.1	66.7	
25/8/2026 14:33	68.8	69.8	67.2	
25/8/2026 14:38	68.3	69.3	67.2	
25/8/2026 14:43	67.5	68.3	66.0	
25/8/2026 14:48	67.8	69.3	65.5	
31/8/2026 9:45	66.0	68.3	63.3	67.4
31/8/2026 9:50	68.8	71.0	65.7	
31/8/2026 9:55	68.8	70.8	64.8	
31/8/2026 10:00	65.6	68.2	62.5	
31/8/2026 10:05	64.4	66.3	61.6	
31/8/2026 10:10	68.6	70.4	63.2	

Figure F3.2 **Graphical Presentation for Noise Monitoring at Station NMS-CA-4**





ANNEX F4

EVENT AND ACTION PLAN FOR NOISE

Annex F4 **Event and Action Plan for Construction Noise**

Event	Action			
	ET	IEC	ER	Contractor
Action Level Exceedance	1. Notify IEC, ER and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC, ER and Contractor; 4. Discuss with the Contractor and formulate remedial measures; 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the analysed results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented	1. Submit noise mitigation proposals to IEC and ER; 2. Implement noise mitigation proposals.
Limit Level Exceedance	1. Identify source; 2. Inform IEC, ER, EPD and Contractor; 3. Repeat measurements to confirm findings; 4. Increase monitoring frequency; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Inform IEC, ER and EPD the causes and actions taken for the exceedances; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.



ANNEX G

COMPENSATION WOODLAND
MONITORING



Photo 1 – General view of compensation woodland in Portion 1



Photo 2 – General view of compensation woodland in Portion 2



ANNEX H

PRESERVED/TRANSPLANTED PLANT SPECIES OF CONSERVATION IMPORTANCE MONITORING



ANNEX H1

PRESERVED PLANT SPECIES OF
CONSERVATION IMPORTANCE

Contract No.: NL/2020/02
Tung Chung New Town Extension - Salt Water Supply System
Monthly Report (August 2026)
In-situ Plant Species of Conservation Importance - Photographic Records



G01_30-R001



G01_30-R002



G01_30-R003



G01_30-R004

Contract No.: NL/2020/02
Tung Chung New Town Extension - Salt Water Supply System
Monthly Report (August 2026)
In-situ Plant Species of Conservation Importance - Photographic Records



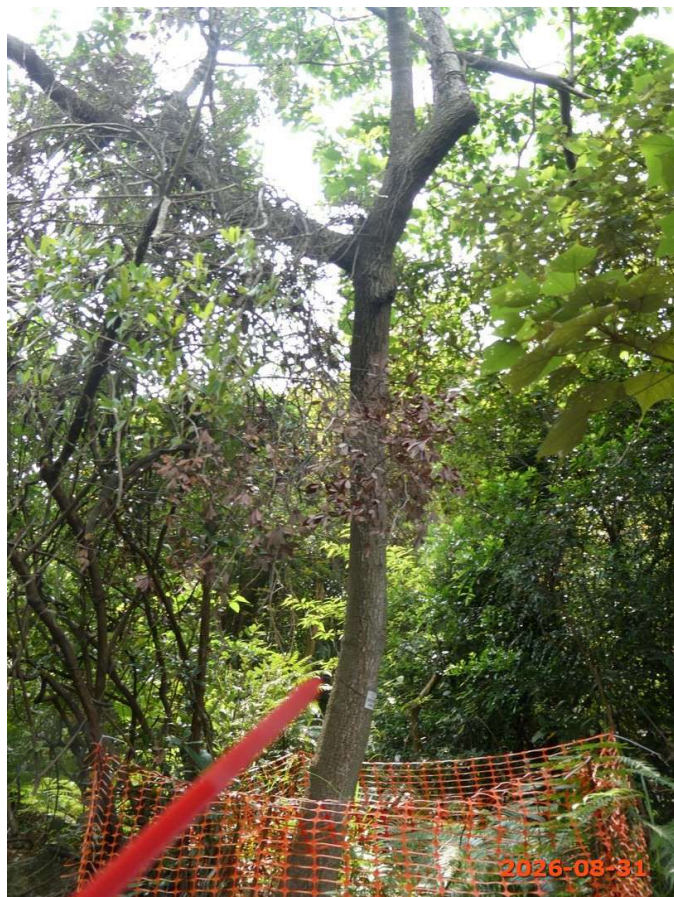
G01_30-R005



G01_39-R01_Inaccessible



G01_39-R02_Inaccessible



G01_81-RT-01

Contract No.: NL/2020/02
Tung Chung New Town Extension - Salt Water Supply System
Monthly Report (August 2026)
In-situ Plant Species of Conservation Importance - Photographic Records



G01_81-RT-02 (T1535)



G02_29-R007



G02_29-R013



G03_44-R014

Contract No.: NL/2020/02
Tung Chung New Town Extension - Salt Water Supply System
Monthly Report (August 2026)
In-situ Plant Species of Conservation Importance - Photographic Records



G03_44-R015



G03_44-R017



G04_21-R03



G04_45-R011

Contract No.: NL/2020/02
Tung Chung New Town Extension - Salt Water Supply System
Monthly Report (August 2026)
In-situ Plant Species of Conservation Importance - Photographic Records



G04_83_84_85-R04 (T1788)



G04_83_84_85-R05 (T1572)



G04_83_84_85-R06



G04_83_84_85-R07

Contract No.: NL/2020/02
Tung Chung New Town Extension - Salt Water Supply System
Monthly Report (August 2026)
In-situ Plant Species of Conservation Importance - Photographic Records



G04_83_84_85-R08



G04_83_84_85-R09



G04_83_84_85-R10



G04_83_84_85-R11

Contract No.: NL/2020/02
Tung Chung New Town Extension - Salt Water Supply System
Monthly Report (August 2026)
In-situ Plant Species of Conservation Importance - Photographic Records



G05_9-R04



G05_67-R008



G06_66-R009



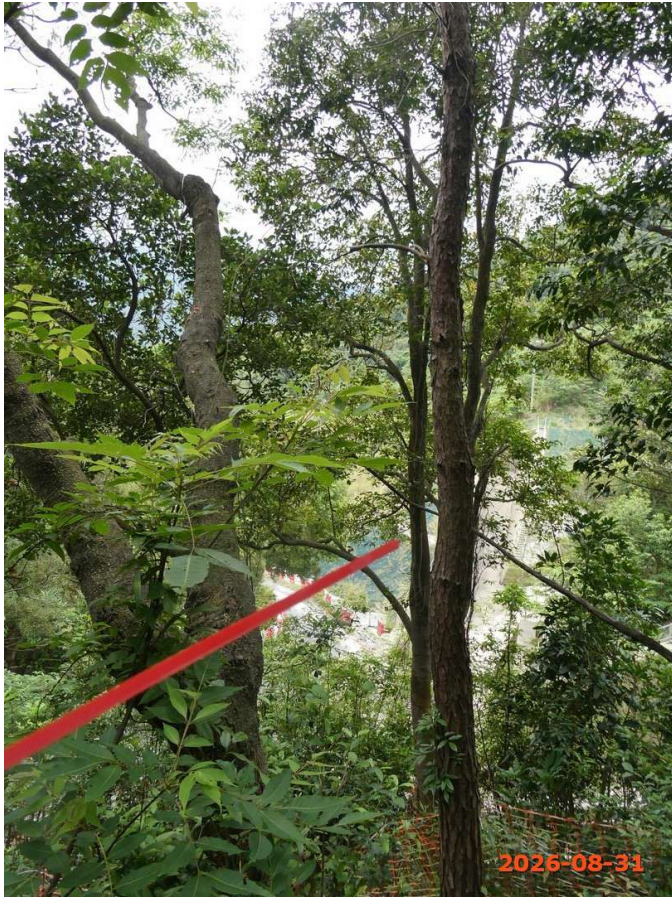
R04

Contract No.: NL/2020/02

Tung Chung New Town Extension - Salt Water Supply System

Monthly Report (August 2026)

In-situ Plant Species of Conservation Importance - Photographic Records



WLH-T047

Drawing no.	Tree group no.	Tree No.	Botanical Name	Chinese Name	SIZE			Amenity Value	Form	Health	Structural Condition	Conservation Status	Recommendation in Detailed Preservation and/or Translocation Plan for Plant Species of Conservation Importance for Tung Chung East (Retain/ Transplant/ Fell)	Justification	Remarks
					Height (m)	DBH (mm)	Spread (m)								
60507694/C2/1721	G01/39	R01	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Retain	-	On Slope, Inaccessible
		R02	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Retain	-	On Slope, Inaccessible
	G06/59	R018	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Retain	-	Missing
	G03/61	R019	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Retain	-	Missing
	G05/62	RT06	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Transplant	Direct conflict with proposed works	Missing
	G01/81	RT-01	<i>Gmelina chinensis</i>	石梓	5	160	3	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Strangled by Epiphytes
		RT-02 (T1535)	<i>Gmelina chinensis</i>	石梓	8	110	3	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Co-dominant Branches, Strangled by Epiphytes.
	-	WLH/T047	<i>Aquilaria sinensis</i>	土沉香	10	230	6	Good	Fair	Fair	Fair	Yes	Retain	-	On slope, Observed since November 2023
	G02/82	RT03	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Transplant	Direct conflict with proposed works	Missing
	G04/83/84/85	R04 (T1788)	<i>Gmelina chinensis</i>	石梓	9	260	8	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Multiple Trunks
		R05 (T1572)	<i>Gmelina chinensis</i>	石梓	8	120	5	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Broken branch
		R05	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Retain	-	Missing
		R06	<i>Gmelina chinensis</i>	石梓	5	100	3	Good	Fair	Fair	Fair	Yes	Retain	-	On slope
		R07	<i>Gmelina chinensis</i>	石梓	8	166	5	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Co-dominant Trunks
		R08	<i>Gmelina chinensis</i>	石梓	7	160	5	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Broken Leader, Epicormics, Imbalanced Crown
		R09	<i>Gmelina chinensis</i>	石梓	5	140	4	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Broken Leader with Epiphyte, Broken Leader with Epicormics
		R010	<i>Gmelina chinensis</i>	石梓	8	110	3	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Broken Leader with Epicormics
		R011	<i>Gmelina chinensis</i>	石梓	9	130	4	Good	Poor	Fair	Poor	Yes	Retain	-	On slope, Multiple Branches, Leaning without Self-correction
60507694/C2/1722	G04/21	R03	<i>Gmelina chinensis</i>	石梓	5	120	2	Good	Fair	Fair	Fair	Yes	Retain	-	Undersized, On Slope
	-	R04	<i>Enkianthus quinqueflorus</i>	吊鐘花	2	130	3	Good	Fair	Fair	Fair	Yes	Retain	-	On slope, Observed since November 2023
	G05/9	R04	<i>Gmelina chinensis</i>	石梓	5	100	2	Good	Fair	Fair	Fair	Yes	Retain	-	On Slope
60507694/C2/1732	G01/30	R001	<i>Gmelina chinensis</i>	石梓	7	110	2	Good	Poor	Fair	Fair	Yes	Retain	-	On Slope
		R002	<i>Gmelina chinensis</i>	石梓	8	120	5	Good	Poor	Poor	Fair	Yes	Retain	-	On slope, Co-dominant Branches, Root Flare was Partially Buried, Dead Stub
		R003	<i>Gmelina chinensis</i>	石梓	5	140	2	Good	Poor	Poor	Fair	Yes	Retain	-	On slope, Bulge at Trunk, Root Flare was Partially Buried, Climber
		R004	<i>Aquilaria sinensis</i>	土沉香	10	150	3	Good	Fair	Fair	Fair	Yes	Retain	-	On slope
		R005	<i>Aquilaria sinensis</i>	土沉香	8	130	3	Good	Fair	Fair	Fair	Yes	Retain	-	On slope
		R006	<i>Aquilaria sinensis</i>	土沉香	-	-	-	-	-	-	-	Yes	Retain	-	Missing
	G02/29	R007	<i>Gmelina chinensis</i>	石梓	10	170	5	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Co-dominant Branches with Included Bark, Crossed Branches, Old termite tracks on trunk
		R013	<i>Gmelina chinensis</i>	石梓	8	150	7	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Co-dominant Branches, Epicormics at Branch, Broken Leader with Epiphyte
	G03/44	R014	<i>Gmelina chinensis</i>	石梓	7	160	5	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Co-dominant Branches
		R015	<i>Gmelina chinensis</i>	石梓	6	110	2	Good	Poor	Poor	Fair	Yes	Retain	-	On slope, Broken Leader, Epiphytes
		R016	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Retain	-	Missing
		R017	<i>Gmelina chinensis</i>	石梓	8	130	4	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Broken Leader with Epicormics
	G04/45	R010	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Retain	-	Missing
		R011	<i>Gmelina chinensis</i>	石梓	8	140	7	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Co-dominant Branches
		R012	<i>Gmelina chinensis</i>	石梓	-	-	-	-	-	-	-	Yes	Retain	-	Missing
	G05/67	R008	<i>Gmelina chinensis</i>	石梓	6	120	4	Good	Fair	Fair	Fair	Yes	Retain	-	On slope
	G06/66	R009	<i>Gmelina chinensis</i>	石梓	7	120	5	Good	Poor	Fair	Fair	Yes	Retain	-	On slope, Epicormic at Broken Stump



ANNEX I

ECO-SHORELINE MONITORING

Photographic Records for Mangrove, Vertical and Rocky Eco-shoreline in August 2026



General View of Mangrove Eco-shoreline at Upper Terrace



General View of Mangrove Eco-shoreline at Lower Terrace



General View of Rocky Eco-shoreline



General View of Vertical Eco-shoreline



ANNEX J LANDSCAPE AND VISUAL MONITORING



ANNEX J1

EXAMPLES OF LANDSCAPE AND VISUAL MITIGATION MEASURES



Photo 1 – Tree protection zone for preserved plant species of conservation importance



Photo 2 – General view of compensation woodland



Photo 3 – Erection of site hoardings in unobtrusive colours



Photo 4 – Natural Rock Material/Planting for Artificial Seawall



Photo 5 – Orientation of night time lighting to minimize glare impact



Photo 6 – Roadside planting for enhanced aesthetic quality of streets



ANNEX J2

EVENT AND ACTION PLAN FOR
LANDSCAPE AND VISUAL MITIGATION
MEASURES

Annex J2 **Event and Action Plan for Landscape and Visual**

Event	Action			
	ET	IEC	ER	Contractor
Design Check	1. Check final design conforms to the requirements of EP and prepare report.	1. Check report. 2. Recommend remedial design if necessary.	1. Undertake remedial design if necessary.	
Non-conformity on one occasion	1. Inform the IEC, ER and the Contractor 2. Discuss remedial actions with IEC, ER and Contractor 3. Monitor remedial actions until rectification has been completed	1. Check report. 2. Check Contractor's working method 3. Discuss with ET, ER and Contractor on possible remedial measures. 4. Advise ER on effective of proposed remedial measures. 5. Check implementation of remedial measures	1. Confirm receipt of notification of non-conformity in writing 2. Review and agree on the remedial measures proposed by the Contractor 3. Ensure remedial measures are properly implemented	1. Identify source and investigate the non-conformity 2. Amend working methods agreed with ER as appropriate 3. Rectify damage and undertake any necessary replacement
Repeated Non-conformity	1. Identify sources 2. Inform the Contractor, IEC and ER 3. Discuss inspection frequency 4. Discuss remedial actions with IEC, ER and Contractor 5. Monitor remedial actions until rectification has been completed 6. If non-conformity stops, cease additional monitoring	1. Check inspection report 2. Check Contractor's working method 3. Discuss with ET, ER and Contractor on possible remedial measures 4. Advise ER on effectiveness of proposed remedial measures	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 implementation of remedial measures	1. Identify source and investigate the non-conformity 2. Amend working methods agreed with ER as appropriate 3. Rectify damage and undertake any necessary replacement. Stop relevant portion of works as determined by ER until the non-conformity is abated.



ERM

ANNEX K

CUMULATIVE STATISTICS ON
EXCEEDANCES, ENVIRONMENTAL
COMPLAINTS, NOTIFICATION OF
SUMMONS AND STATUS OF
PROSECUTIONS

Table K1 ***Cumulative Statistics on Exceedances***

		Total No. recorded in this reporting period (1)	Total No. recorded since project commencement
Air Quality (1-hr TSP)	Action	0	0
	Limit	0	0
Noise	Action	0	90
	Limit	0	0
Water Quality	Action	0	0
	Limit	0	0
Marine Ecology	Action	0	0
	Limit	0	0

Remark:

(1) Exceedances, which are not project related, are not shown in this table.

Table K2 ***Cumulative Statistics on Complaints, Notifications of Summons and
Successful Prosecutions***

Contract No.	Reporting Period	Cumulative Statistics		
		Complaints	Notifications of Summons	Prosecutions
Contract 1	This Reporting Period (1 – 31 August 2026)	0	0	0
	Total no. received since project commencement	111	0	0
Contract 2	This Reporting Period (1 – 31 August 2026)	0	0	0
	Total no. received since project commencement	12	0	0
Contract 3	This Reporting Period (1 – 31 August 2026)	1	0	0
	Total no. received since project commencement	91	0	0
Contract 7	This Reporting Period (1 – 31 August 2026)	0	0	0
	Total no. received since project commencement	6	0	0



ANNEX L

MONITORING SCHEDULE FOR THE NEXT
REPORTING PERIOD

Tung Chung New Town Extension (East)
Air Quality and Noise Monitoring Schedule (September 2026)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		01-Sep	02-Sep	03-Sep	04-Sep	05-Sep
						Air Quality and Noise Monitoring
06-Sep	07-Sep	08-Sep	09-Sep	10-Sep	11-Sep	12-Sep
					Air Quality and Noise Monitoring	
13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep
				Air Quality and Noise Monitoring		
20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep
			Air Quality and Noise Monitoring			
27-Sep	28-Sep	29-Sep	30-Sep			
		Air Quality and Noise Monitoring				



ERM HAS OVER 160 OFFICES ACROSS THE FOLLOWING
COUNTRIES AND TERRITORIES WORLDWIDE

Argentina	The Netherlands
Australia	New Zealand
Belgium	Peru
Brazil	Poland
Canada	Portugal
China	Puerto Rico
Colombia	Romania
France	Senegal
Germany	Singapore
Ghana	South Africa
Guyana	South Korea
Hong Kong	Spain
India	Switzerland
Indonesia	Taiwan
Ireland	Tanzania
Italy	Thailand
Japan	UAE
Kazakhstan	UK
Kenya	US
Malaysia	Vietnam
Mexico	
Mozambique	

ERM

2507 One Harbourfront
18 Tak Fung Street
Hung Hom, Kowloon
Hong Kong
T: +852 22713000
F: +852 3015 8052

www.erm.com

