

Tung Chung New Town Extension



13th PLG Meeting
Date : 15 January 2026

Agenda

1. Confirmation of Last Meeting Minutes
2. Tung Chung East
 - a) Matters Arising from Last Meeting
 - b) Overview and Progress
 - c) Environmental Monitoring and Audit (EM&A)
3. Tung Chung West
 - a) Matters Arising from Last Meeting
 - b) Overview and Progress
 - c) Environmental Monitoring and Audit (EM&A)
4. AOB

2. Tung Chung East

a. Matters Arising from Last Meeting

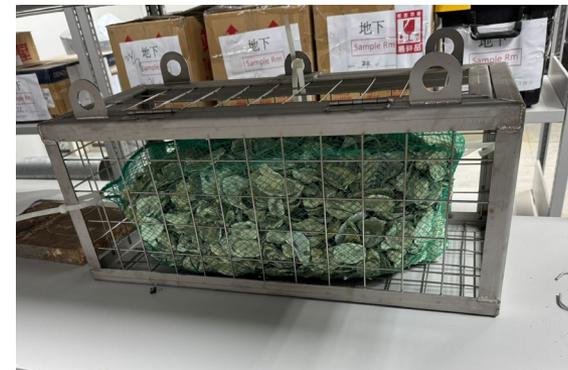
Matters Arising from Last Meeting for TCE

- S.4.1.3: “A member noted some oyster bags in mangrove eco-shoreline were damaged by wave action and recommended the use of steel wire / fishing line to tie the oyster shells together.”



Matters Arising from Last Meeting for TCE

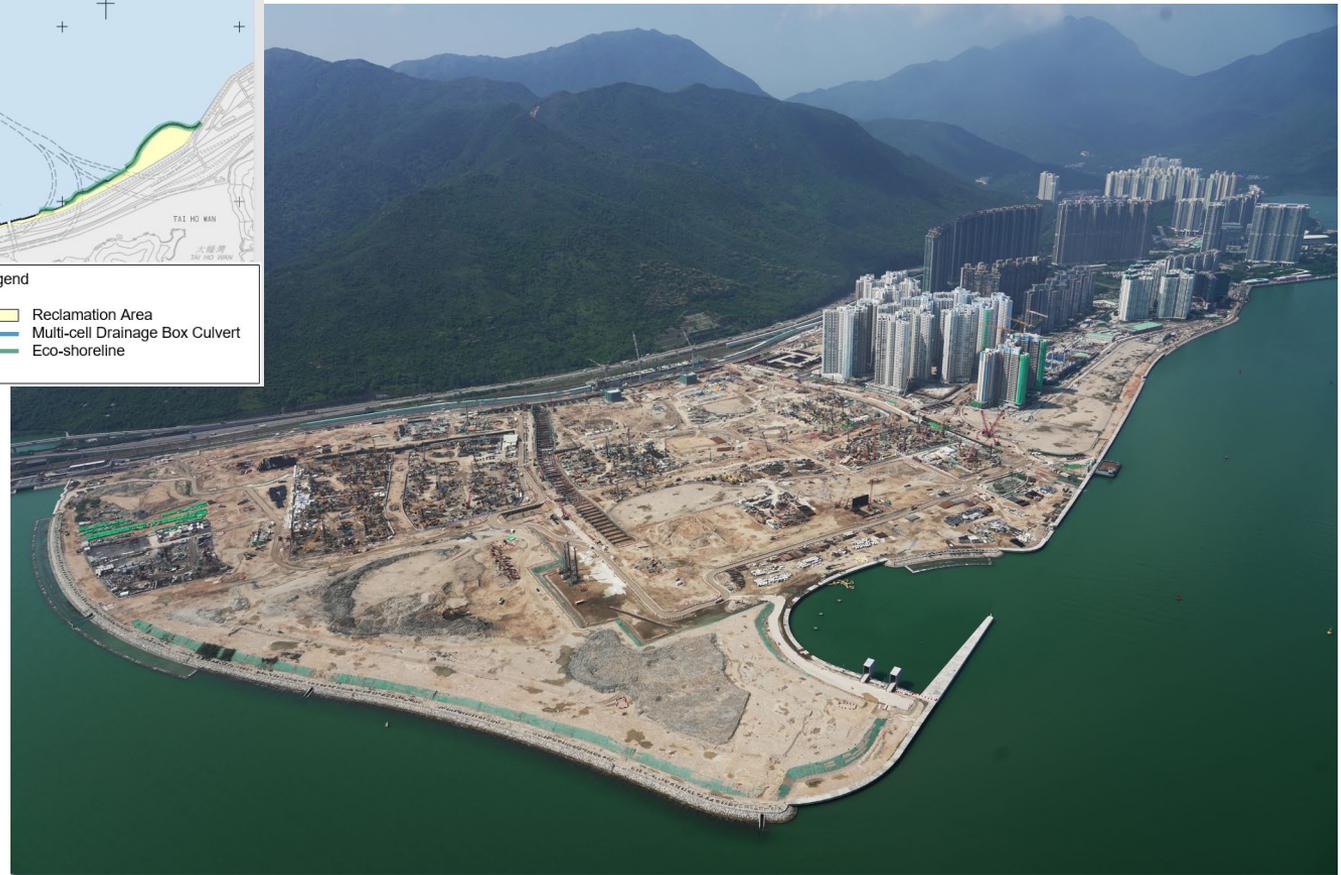
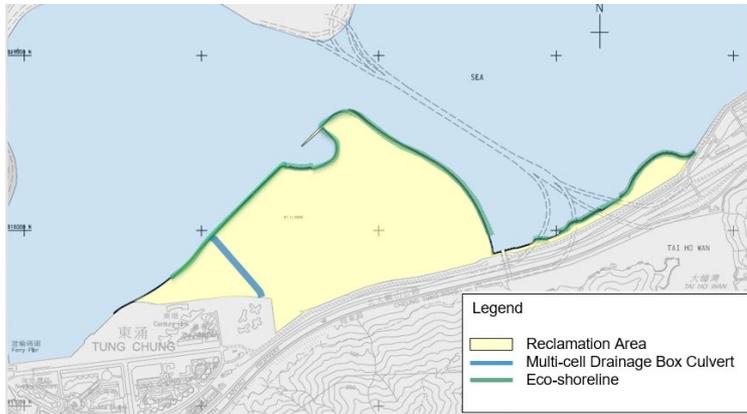
- Stainless steel cages were installed at the eco-shoreline to secure the oyster shells.



2. Tung Chung East

b. Overview and Progress

Tung Chung East Reclamation (Completed)

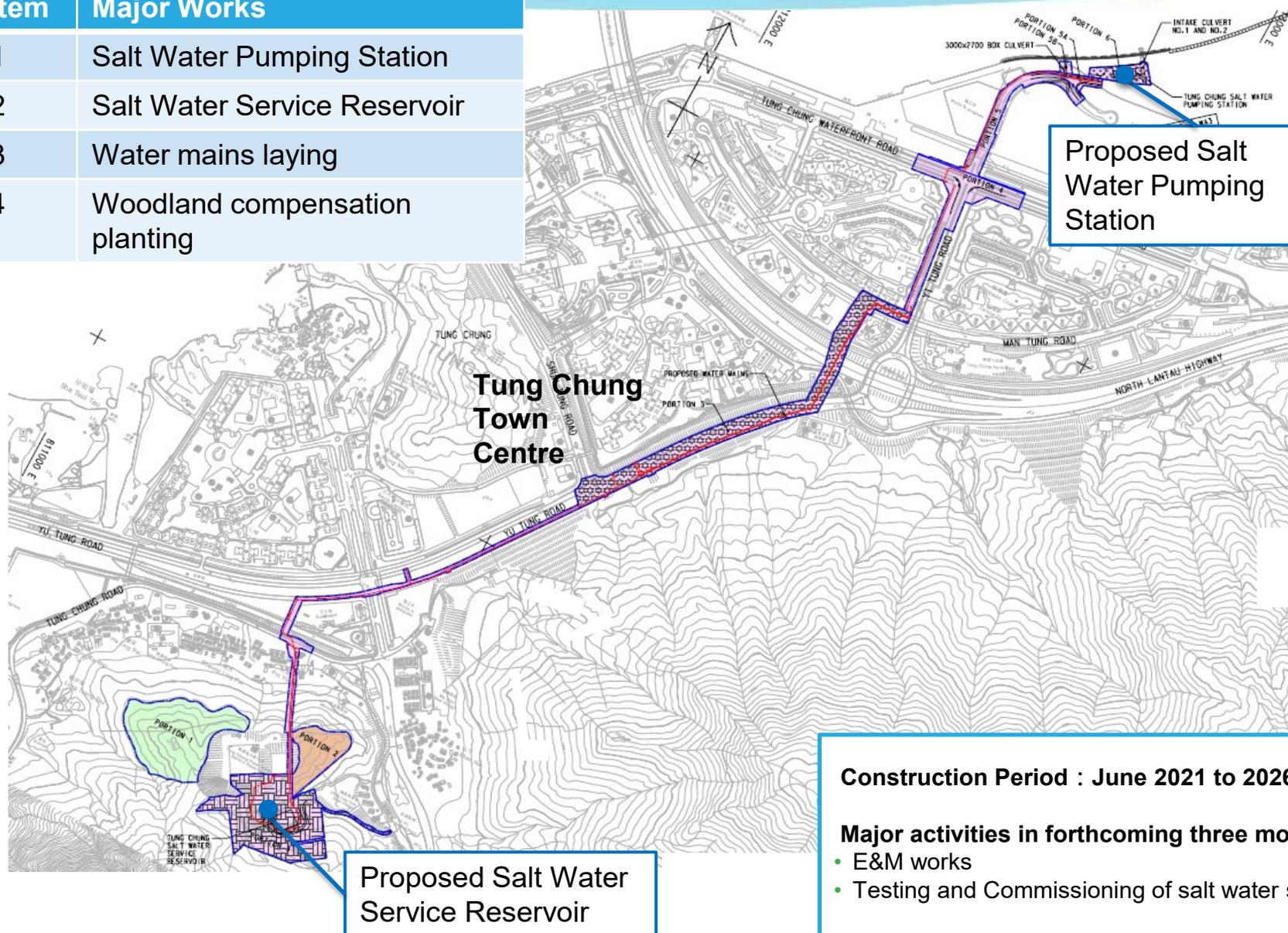


- ① 130 hectares land reclamation by non-dredged method
- ② Construction of 4.9 km seawalls partly with eco-shorelines (3.8km)

Tung Chung East Reclamation (Completed)



Item	Major Works
1	Salt Water Pumping Station
2	Salt Water Service Reservoir
3	Water mains laying
4	Woodland compensation planting



Proposed Salt Water Pumping Station

Proposed Salt Water Service Reservoir

Construction Period : June 2021 to 2026 Q1

Major activities in forthcoming three months:-

- E&M works
- Testing and Commissioning of salt water system

Salt Water Pumping Station (SWPS)

Construction Period
2021 Q4 to 2026Q1

Related Works

- E&M Works
- Testing and Commissioning



Salt Water Service Reservoir

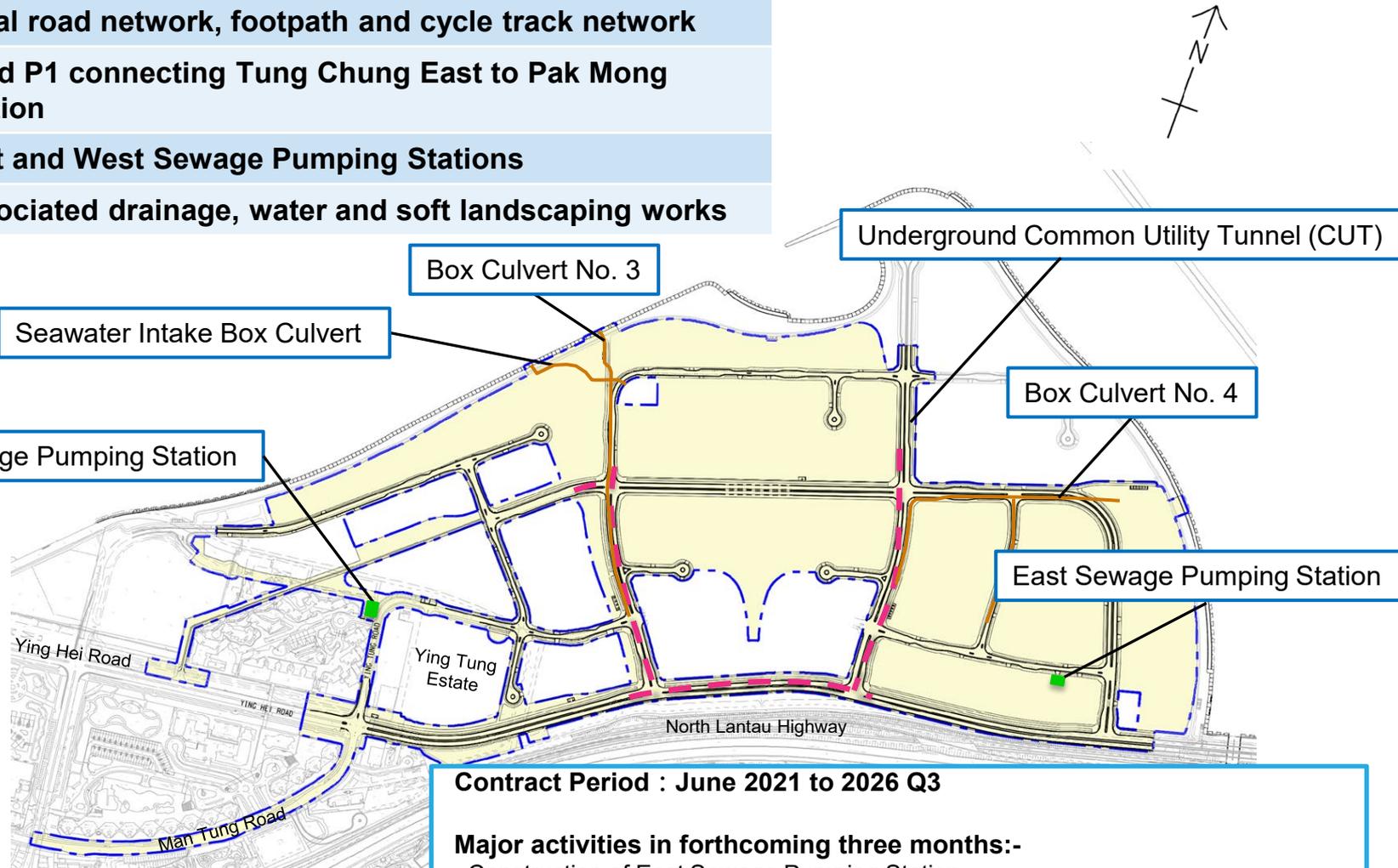
Construction Period
2022 Q2 to 2026 Q1

Related Works

- E&M Works



Item	Major Works
1	Local road network, footpath and cycle track network
2	Road P1 connecting Tung Chung East to Pak Mong section
3	East and West Sewage Pumping Stations
4	Associated drainage, water and soft landscaping works



Contract Period : June 2021 to 2026 Q3

Major activities in forthcoming three months:-

- Construction of East Sewage Pumping Station
- Construction of Common Utility Tunnel No. 1, 3 and 4
- Utilities Laying and Road Works along Road D4, Road D5, Road L7, Road L8, Road L9, Road P1. Portion 16A-1 and 16B
- Construction of Seawater Intake Box Culvert

West Sewage Pumping Station (WSPS)

Commissioning Date

July 2025

Serving Areas:

To collect sewage from Tung Chung Cheung Tung Estate, Chun Tung Estate, Yu Fung Court, and Yu Hing Court



Common Utility Tunnel (CUT) (Phase 1)

Construction Period

2021 Q3 to 2026 Q1

Related Works

- ELS Works
- Underground R.C. structures
- Backfilling Works
- E&M Works Installation



Box Culvert No. 3

Anticipated Commissioning Date

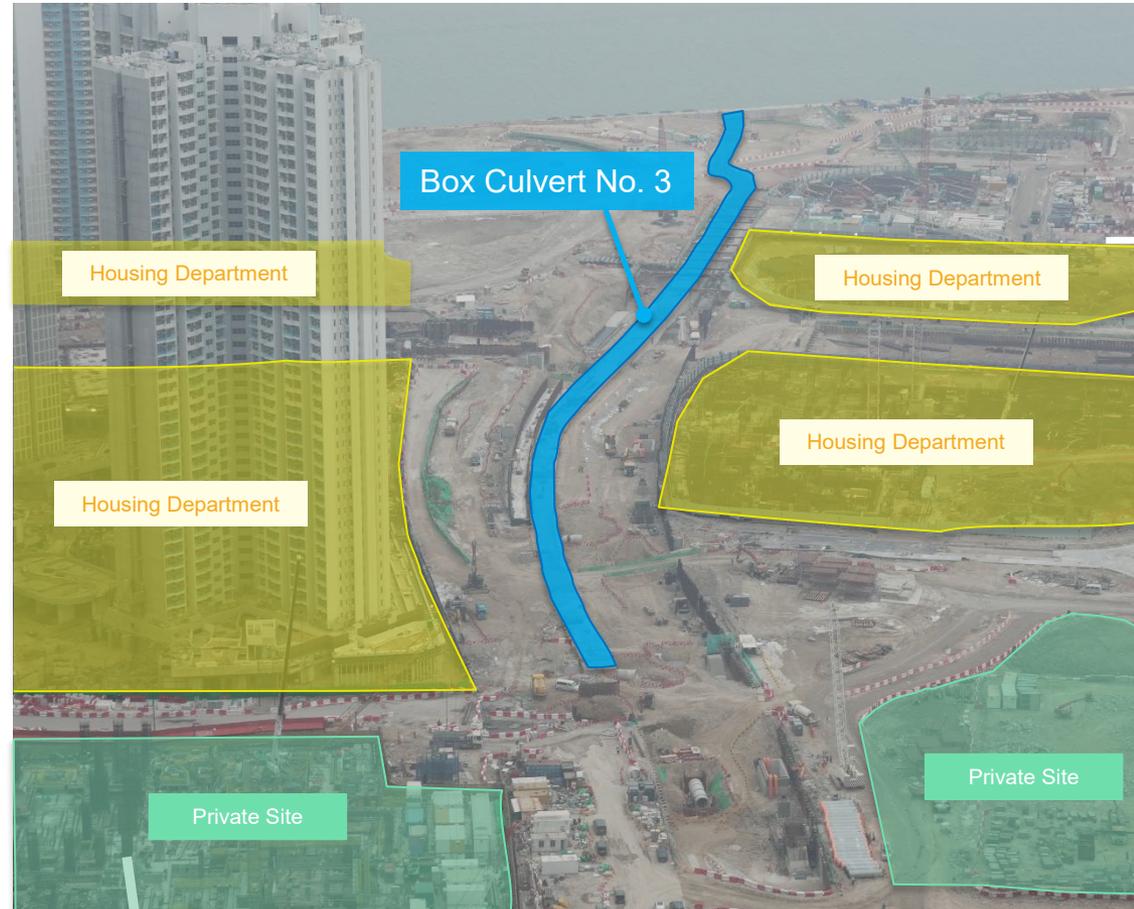
2026 Q1

Serving Areas

To collect the drainage from Tung Chung Yu Hing Court in the first phase

Related Works

- Precast Units Installation
- Underground R.C. structures

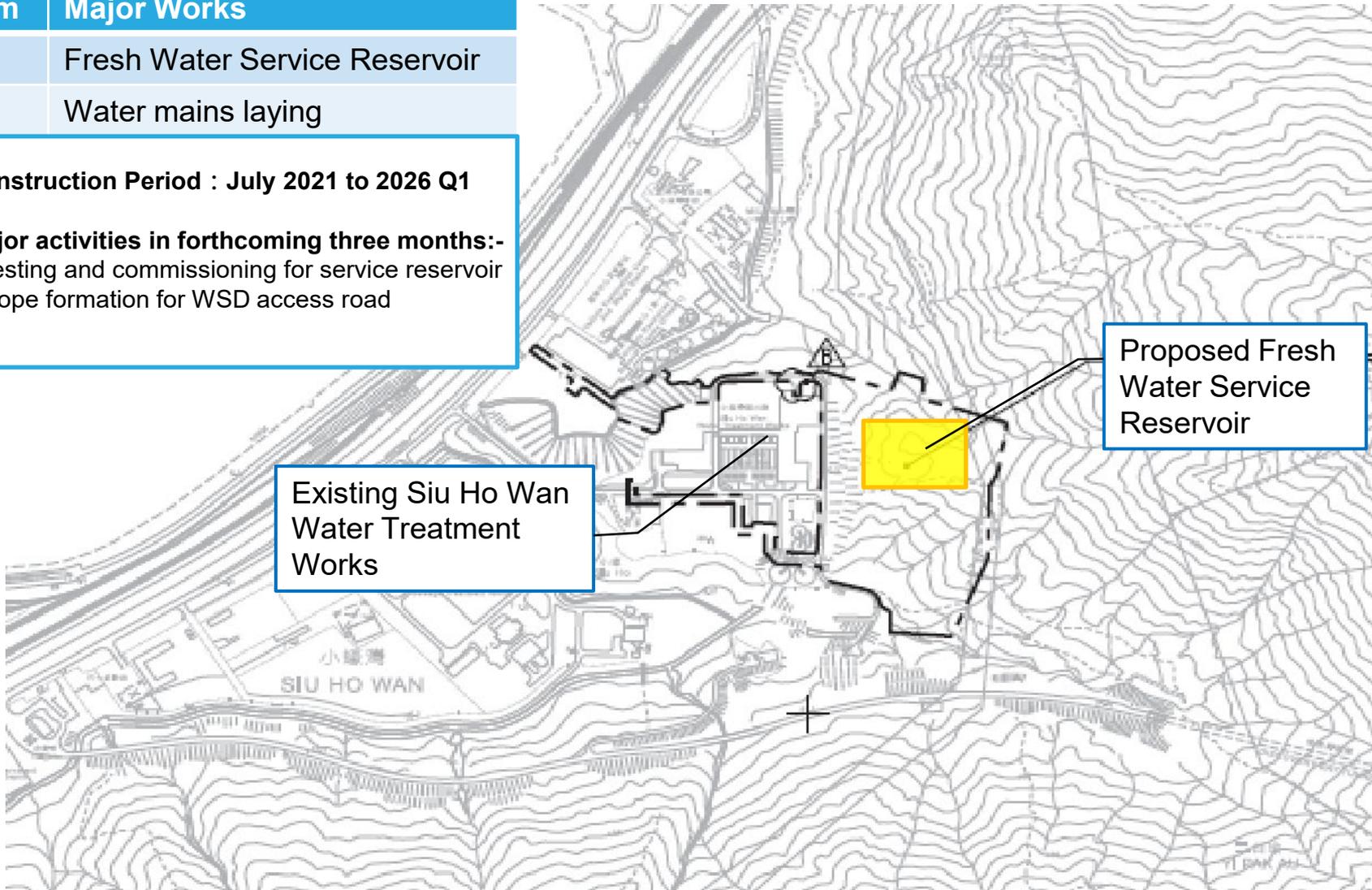


Item	Major Works
1	Fresh Water Service Reservoir
2	Water mains laying

Construction Period : July 2021 to 2026 Q1

Major activities in forthcoming three months:-

- Testing and commissioning for service reservoir
- Slope formation for WSD access road



Fresh Water Service Reservoir

Construction Period

2022 Q2 to 2026 Q1

Related Works

- Testing and commissioning for service reservoir
- Slope works



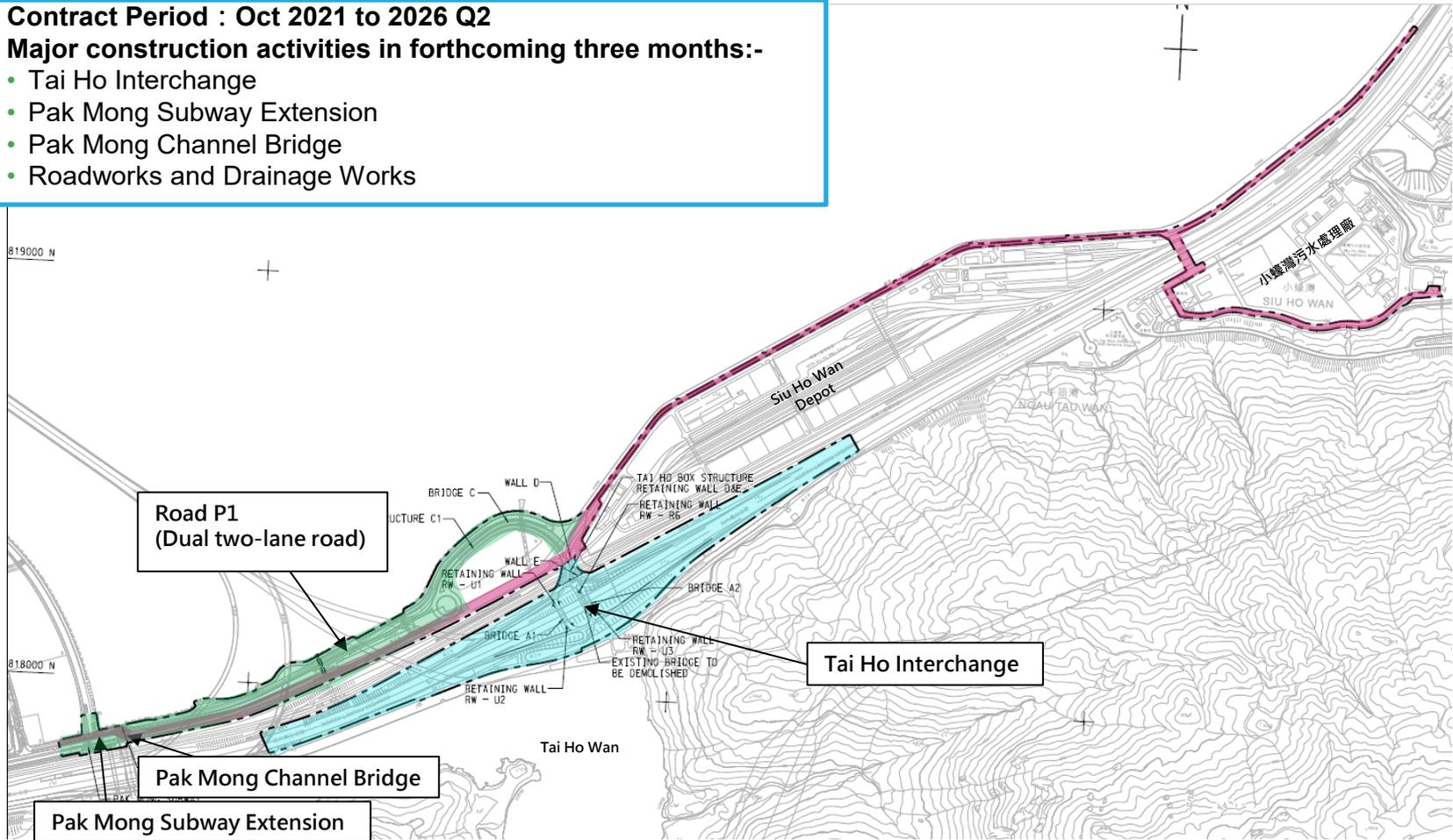
Contract No. NL/2020/07 – Tai Ho Interchange

Item	Major Works
1	Construction of Tai Ho Interchange
2	Construction of a section of dual two-lane road between Tung Chung East and Tai Ho Interchange
3	Laying of fresh watermains, salt watermains and sewage rising mains

Contract Period : Oct 2021 to 2026 Q2

Major construction activities in forthcoming three months:-

- Tai Ho Interchange
- Pak Mong Subway Extension
- Pak Mong Channel Bridge
- Roadworks and Drainage Works



Contract No. NL/2020/07 – Tai Ho Interchange



Construction of Pak Mong Subway Extension in progress



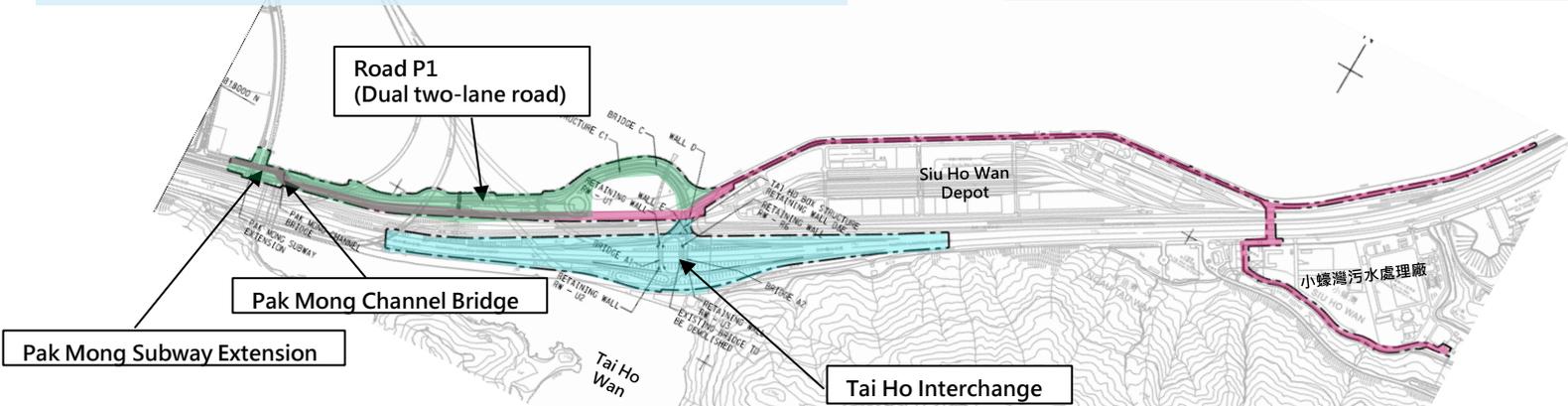
Construction of Road P1 in progress



Construction of Pak Mong Channel Bridge in progress



Construction of Tai Ho Interchange in progress



Eco-shoreline Monitoring

Background:

- Eco-shoreline Implementation Plan was submitted in accordance with Project Environmental Permit (Permit No. EP-519/2016) Condition 2.14

Eco-shoreline Implementation Plan includes the following:

- Monitoring works on Mangrove Eco-shoreline, Vertical Eco-shoreline and Rocky Eco-shoreline
 - include Avifauna, Epifauna, Infauna, Vegetation and various physical parameters
 - carry out twice during dry season and twice during wet season
- Ichthyoplankton and Juvenile Fish survey
 - carry out on a monthly basis from May to August
- Monitoring Work for 3 years (2024-26)



Mangrove Eco-shoreline



Rocky Eco-shoreline



Vertical Eco-shoreline

Eco-shoreline Monitoring

Monitoring Location:



Eco-shoreline Monitoring

Current Progress:

- 1st year (2024) monitoring works were completed
- 2nd year (2025) monitoring works were completed
 - Monitoring Works in Dry and Wet Seasons were completed.
 - Ichthyoplankton and Juvenile Fish survey from May to August was completed
- 3rd year (2026) monitoring works is on-going
 - Monitoring Works in Dry Season will soon be commenced

Eco-shoreline Monitoring

2nd Year Eco-shoreline and Reference Monitoring in Wet Season:

- The conclusion is summarized as below:
 - **8, 6 and 4 bird species** were found in the Mangrove Eco-shoreline, Rocky Eco-shoreline and Vertical Eco-shoreline respectively versus 1 and 0 bird species found in their references for Vertical and Rocky Eco-shorelines respectively
 - **33 epifauna and infauna species** were found in Mangrove Eco-shoreline
 - **111 epifauna species** were found in the Rocky Eco-shoreline versus 32 species found in its reference
 - **49 epifauna species** were found in the Vertical Eco-shoreline versus 33 species found in its reference

Mangrove eco-shoreline

- Normal condition with acceptable mortality

Rocky and Vertical eco-shoreline

- Higher biodiversity was observed
- Higher number of species was present in eco-shoreline than the conventional reference locations
- The intrusions and water pool may provide microhabitats with lower heat and desiccation stress

Eco-shoreline Monitoring

No. of species found

	2024		2025	
	Eco-shoreline	Ref. location	Eco-shoreline	Ref. location
Mangrove	43	-	67	-
Rocky	75	26	135	39
Vertical	38	20	63	38
Total	107		171	

Generally, eco-shoreline has been performing better in terms of higher species richness and biodiversity than conventional reference locations.

2. Tung Chung East

c) Environmental Monitoring and Audit

Dedicated Website under EP-519/2016



Website: <http://env.tcnte.hk/index-TCE.html>



Tung Chung New Town Extension (East)

This dedicated website is set up in accordance with the requirements in the Environmental Permit (EP) (EP NO. EP-519/2016) to enable user-friendly public access of information of the Tung Chung New Town Extension (East) and the associated environmental monitoring data.

Protection and Mitigation Measures on Construction Activities



Water spraying by water truck for dust control



Wheel washing bay with high pressure jet



Green net installation



Noise monitoring

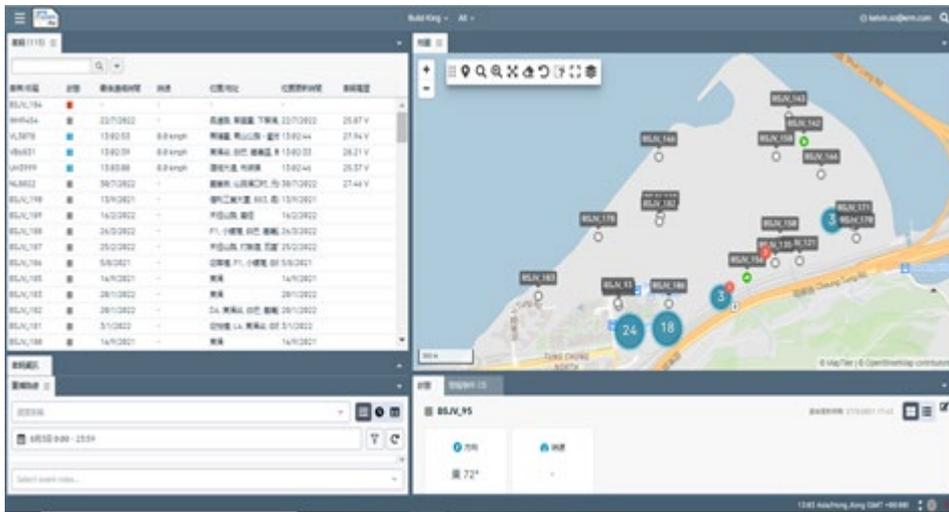


Noise barrier

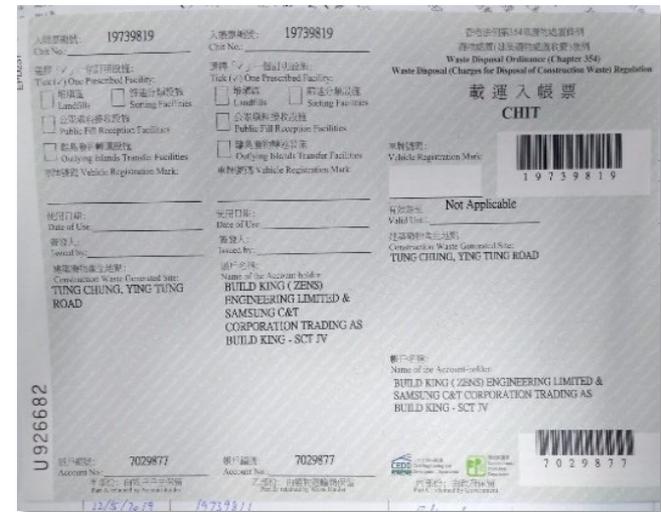


Noise mitigation measures

Protection and Mitigation Measures on Construction Activities



Real time tracking and monitoring system for dump trucks



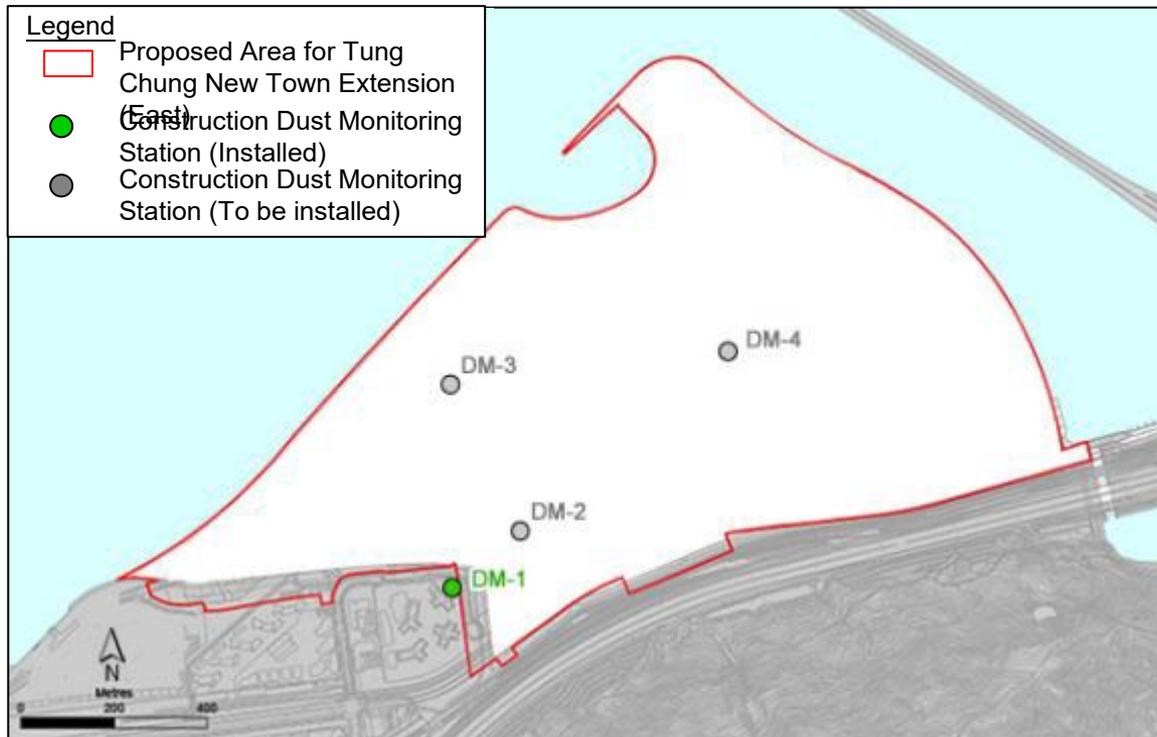
Trip ticket for waste control

EM&A Monitoring – Air Quality



Air Quality Monitoring

Frequency Three times every six days
Monitoring Parameter 1-hour Total Suspended Particulate



Monitoring Results between May and Nov 2025

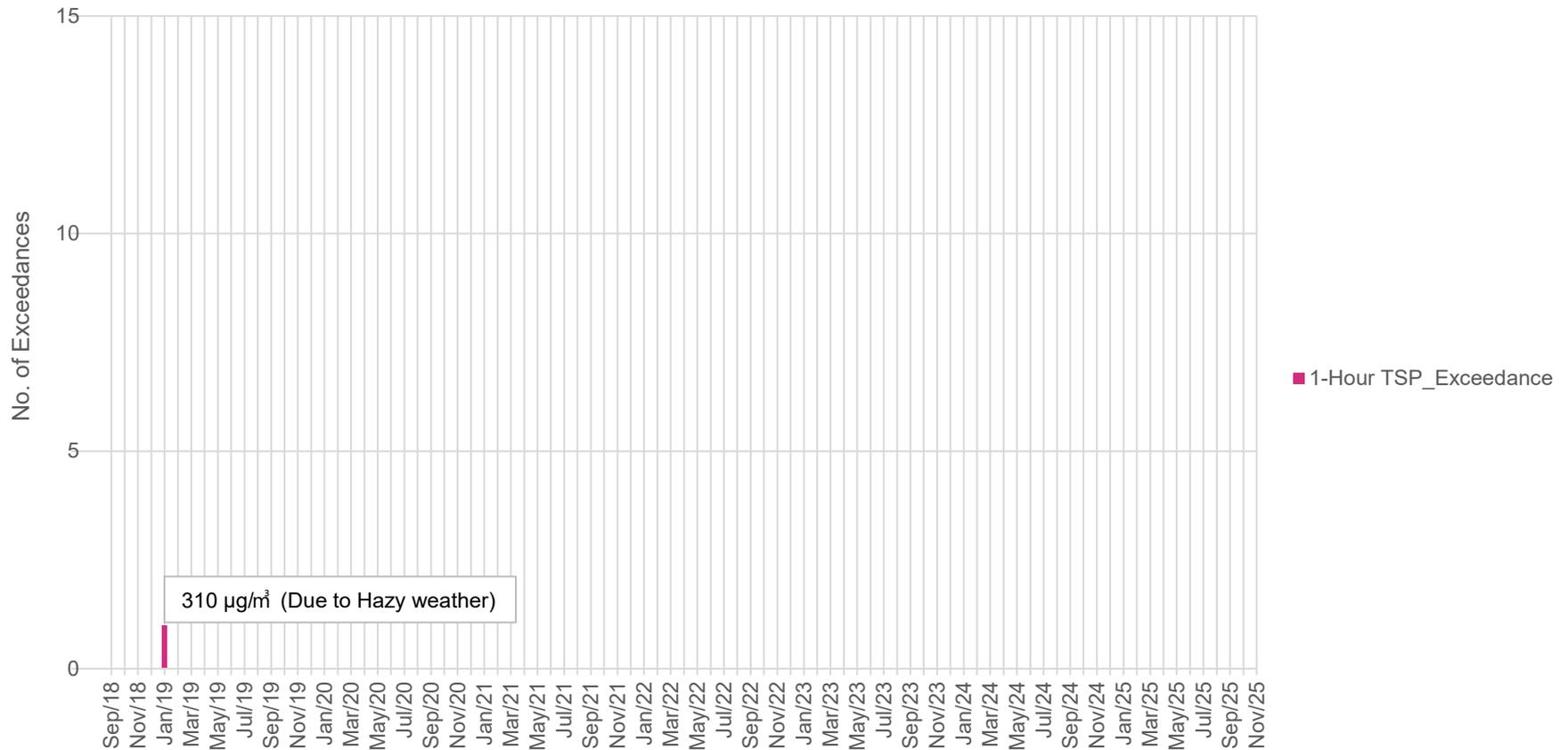
No project-related exceedance was recorded.



Dust monitoring near Ying Tung Estate (DM-1)

EM&A Monitoring – Air Quality

Tung Chung New Town Extension - Reclamation and Advance Works 1-Hour TSP Exceedance Record of Air Quality Monitoring



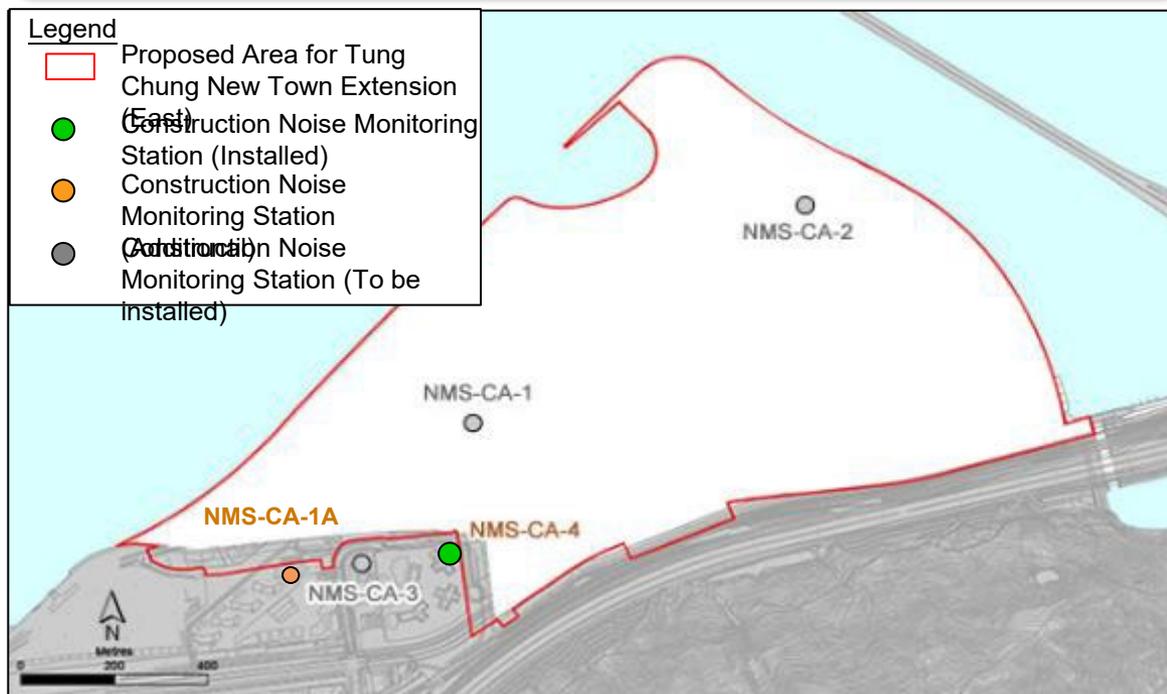
EM&A Monitoring – Noise



Noise Monitoring

Frequency Once per week

Monitoring Parameter L_{eq} (30mins)



Monitoring Results between May and Nov 2025

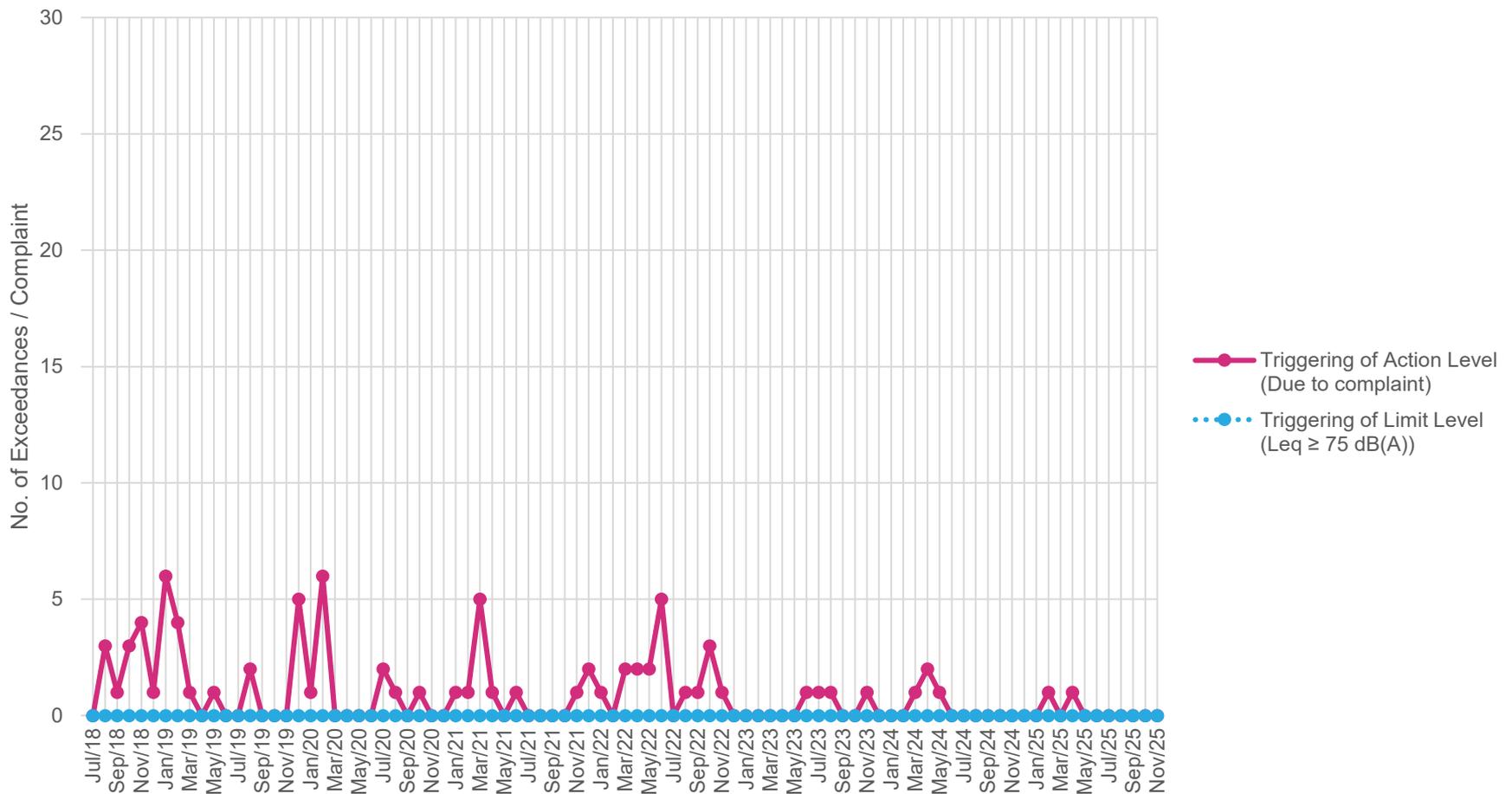
Results of noise monitoring indicated that noise levels were within acceptable level (75dBA)



Noise monitoring near Ying Tung Estate (NMS-CA-4)

EM&A Monitoring – Noise

Tung Chung New Town Extension - Reclamation and Advance Works
Exceedance / Complaint Record of Noise Monitoring

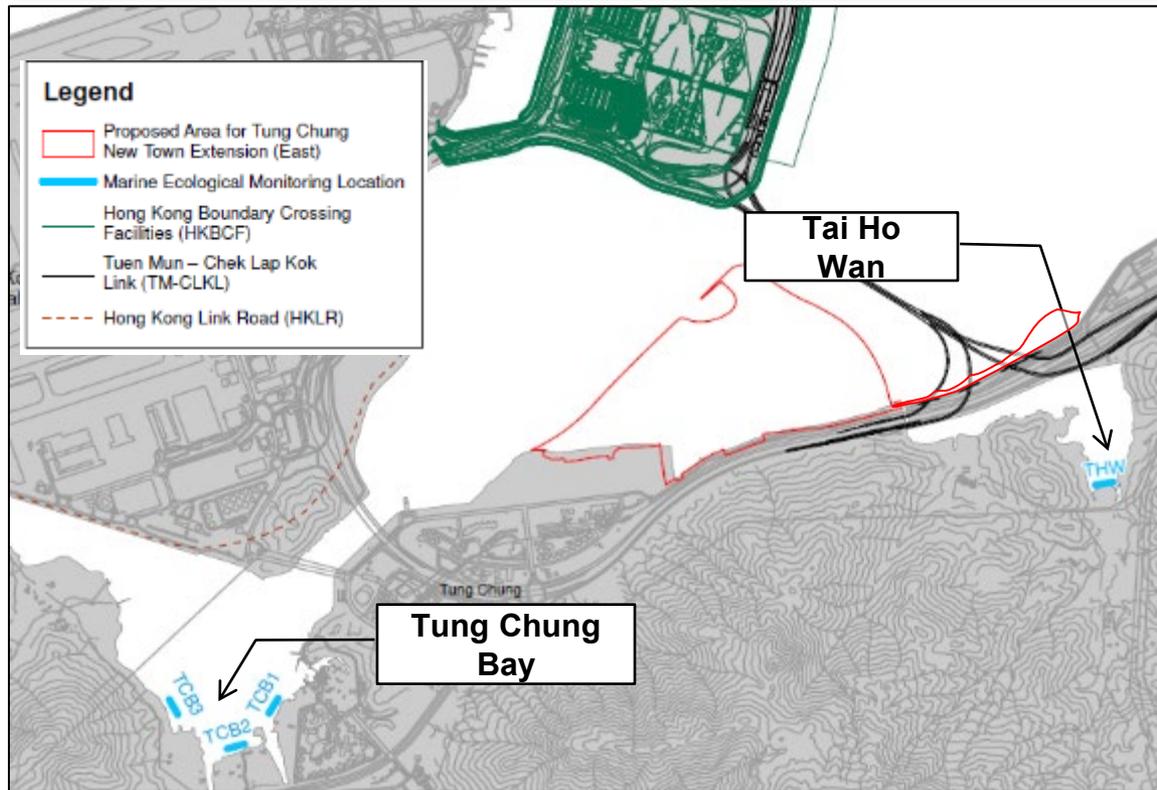


EM&A Monitoring – Ecology



Ecological Monitoring

Frequency	Quarterly
Monitoring Parameter	Horseshoe Crabs, Seagrass, Intertidal Soft Shore Communities



Monitoring Results between Jun and Sep 2025

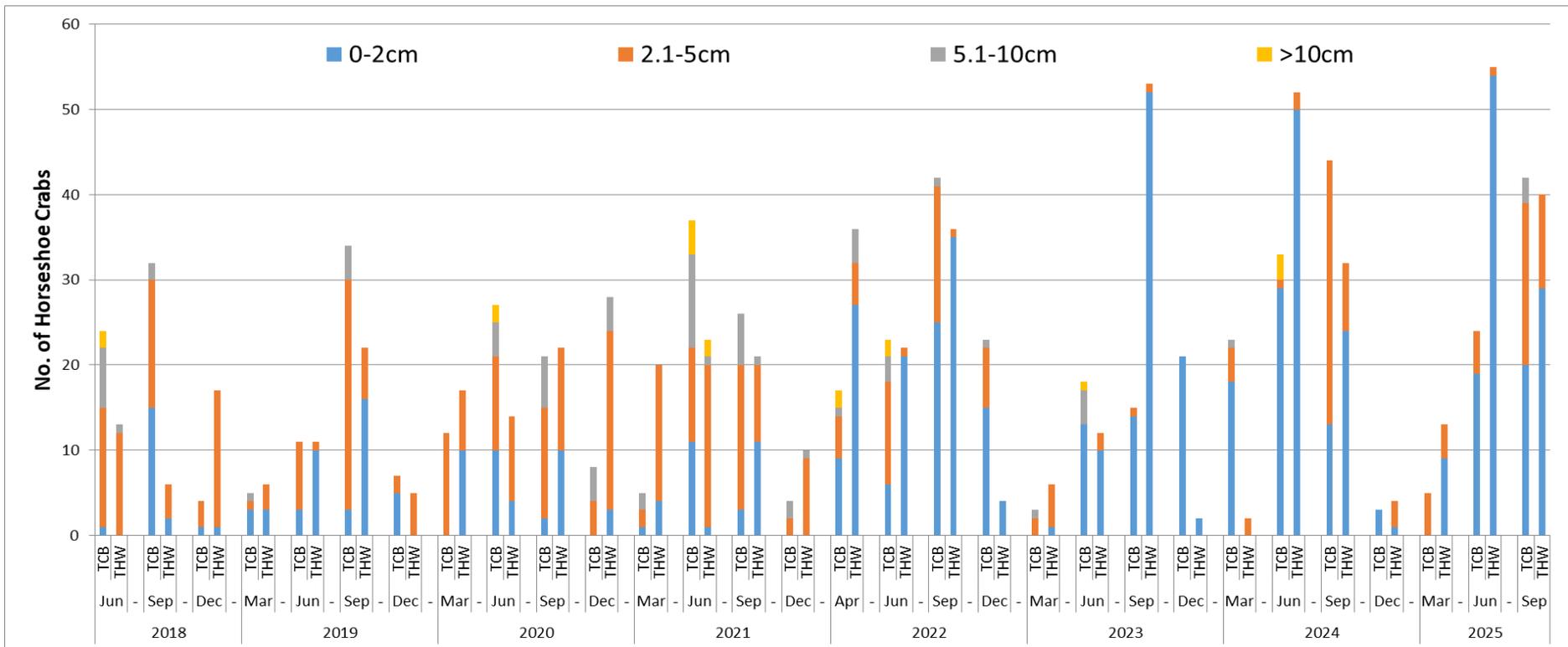
Horseshoe crabs were found in both Tung Chung Bay and Tai Ho Wan.



Horseshoe Crab

- Numbers of horseshoe crabs varied over time and were generally higher in summer period (May – Sep)
- Small juvenile horseshoe crabs (prosomal width <2 cm) were recorded during all impact monitoring since Sep 2018

Size (Prosomal Width) of Horseshoe Crabs



Baseline
(May-Jun 18)

Post-Construction Monitoring
(Dec 2023)

Complaint received

Date	Water	Air	Noise	Others (Light, Waste, Ecology)
May 2025	0	0	0	0
June 2025	1	0	0	0
July 2025	3	1	0	0
August 2025	1	0	0	0
September 2025	0	0	0	0
October 2025	0	0	1	0
November 2025	0	3	0	0
December 2025	0	2	1	0
Categories for recent complaints	<ul style="list-style-type: none"> Suspected polluted water near Tung Chung Promenade 	<ul style="list-style-type: none"> Dust Suspected diesel smell 	<ul style="list-style-type: none"> Noise at night and during restricted hours 	



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Overview and Progress

Environmental Monitoring and Audit

Tung Chung West

13th PLG Meeting
Date: 15 January 2026

13th Professional Liaison Group Meeting – Agenda

Tung Chung West

a) Matters Arising from Last Meeting - Nil

b) Overview and Progress

c) Environmental Monitoring and Audit



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Tung Chung West

b) Overview and Progress

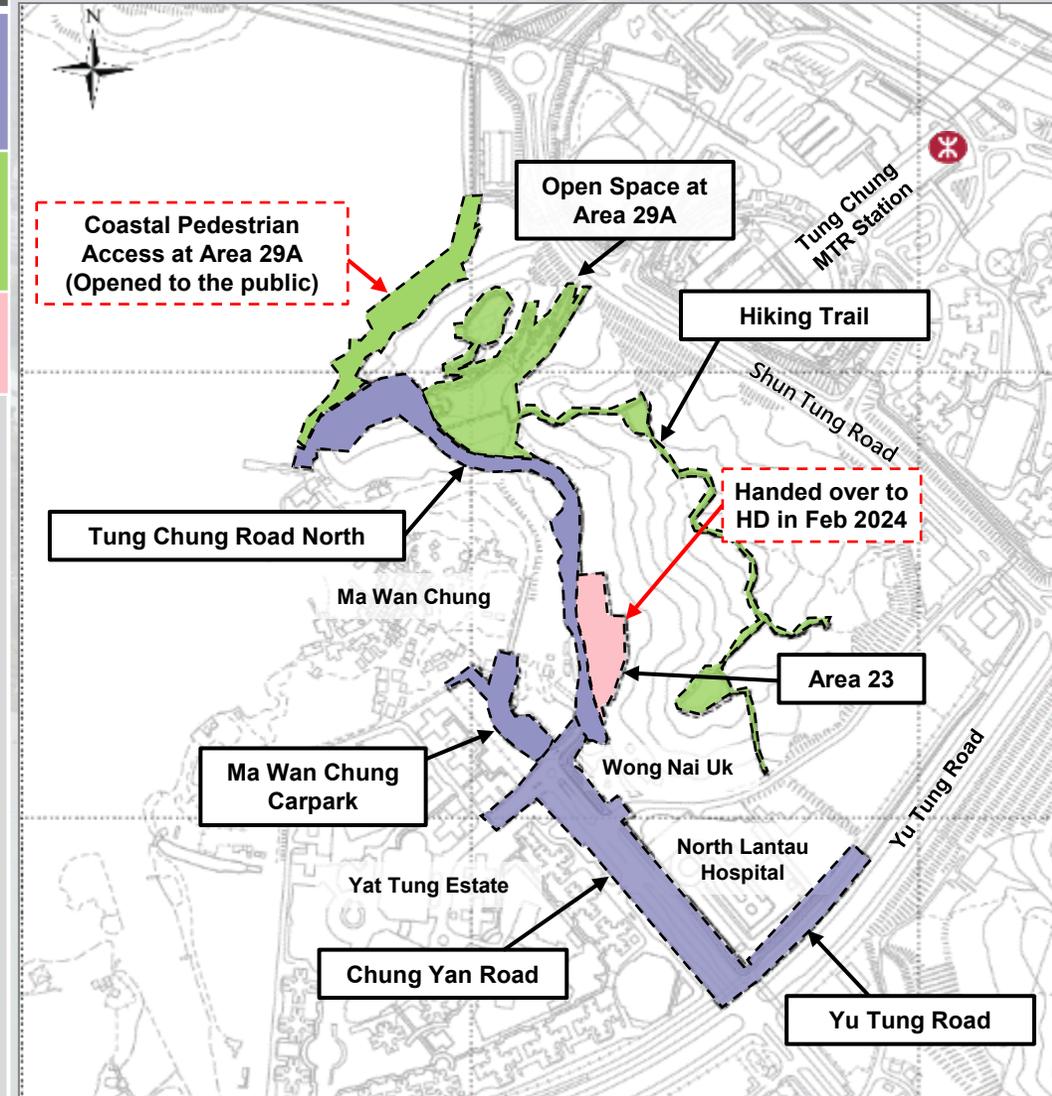
Contract No. NL/2020/05 – Site Formation & Infrastructure Works at Ma Wan Chung

Item	Major Works
1	Widening of Tung Chung Road North, Construction of Ma Wan Chung Carpark and Road Improvement Works and Drainage Works at Chung Yan Road
2	Construction of Open Space at Area 29A and Coastal Pedestrian Access (Coastal Pedestrian Access was completed and opened to the public)
3	Site Formation of Area 23 (Completed and handed over to Housing Department)

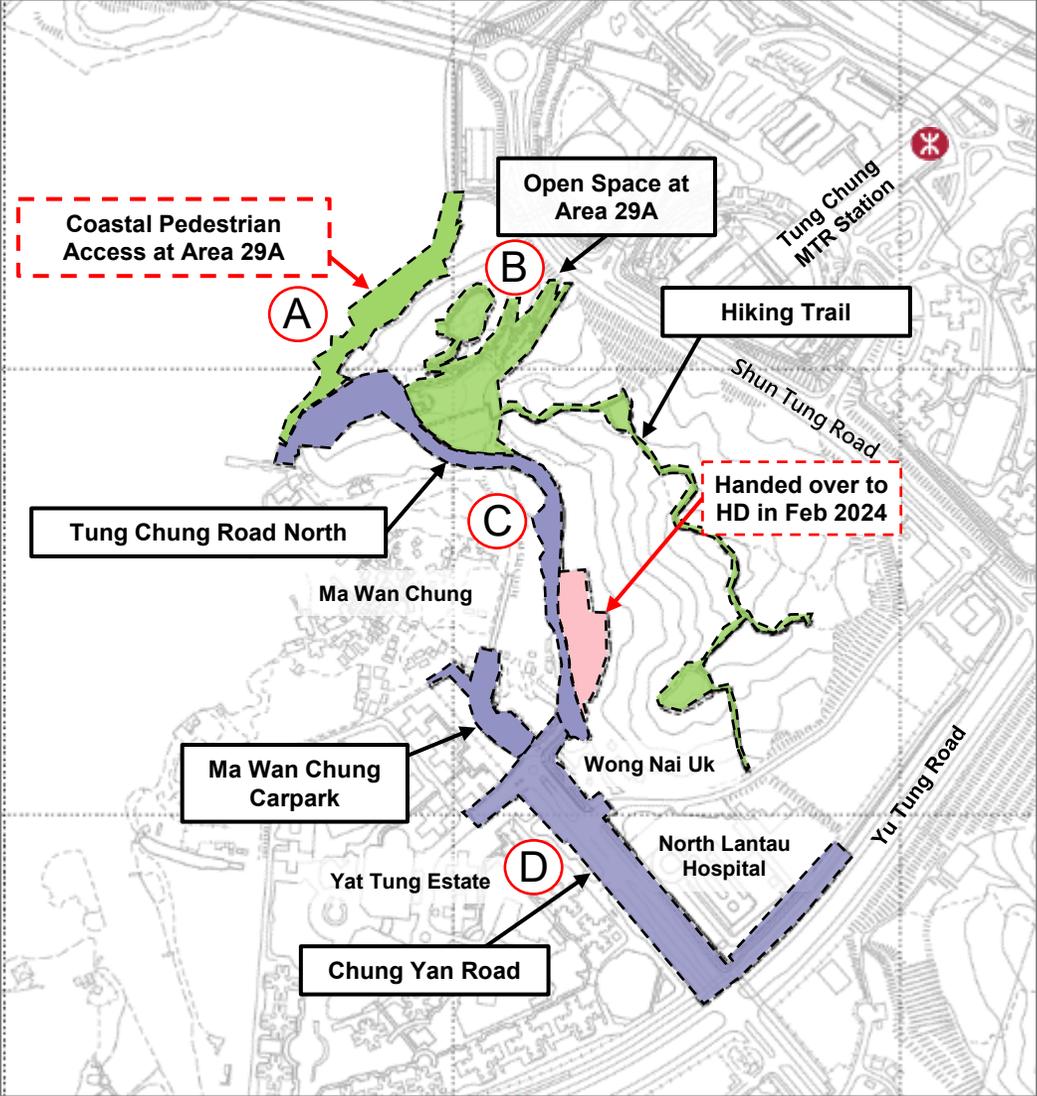
Contract Period : May 2021 to 2026

Major activities in coming three months :-

- Road works
- Construction of underground utilities
- Landscape works



Contract No. NL/2020/05 – Site Progress



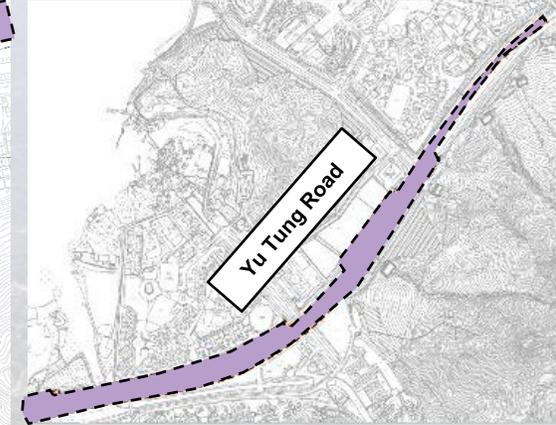
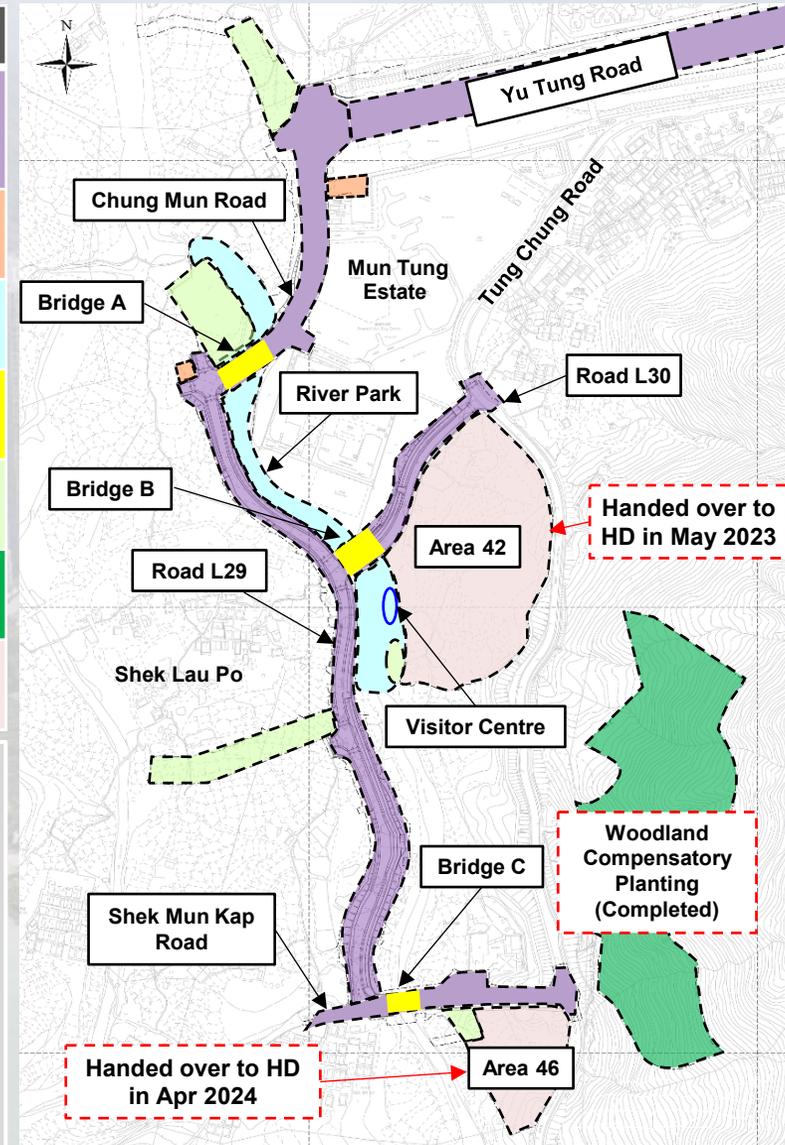
Contract No. NL/2020/06 – Site Formation and Infrastructure Works at Tung Chung Valley, Phase 1

Item	Major Works
1	Road Works at Yu Tung Road, Chung Mun Road, Road L29, Road L30 & Shek Mun Kap Road
2 & 3	Sewage Pumping Stations
4	River Park & Visitor Centre
5	Bridges across Tung Chung Stream
6	Sustainable Urban Drainage System
7	Woodland Compensatory Planting (Completed)
8	Site Formation at Area 42 & Area 46 (Completed and handed over to HD)

Contract Period : May 2021 to 2026

Major activities in coming three months :-

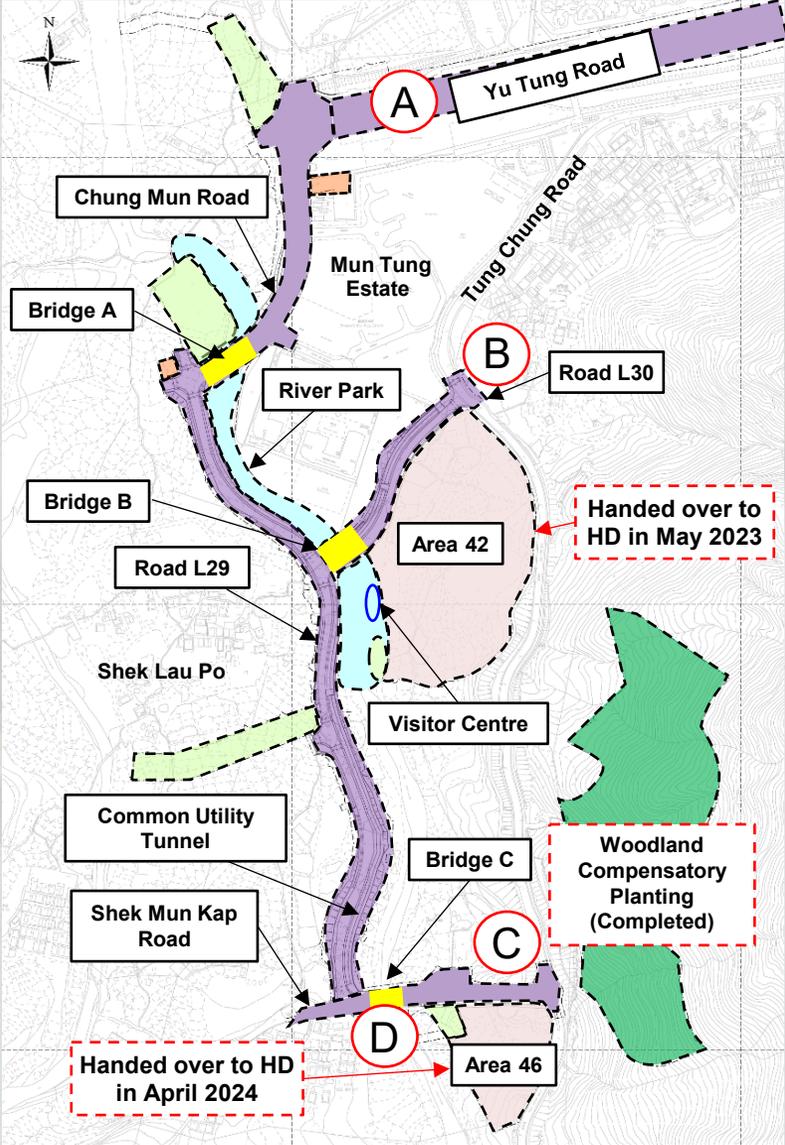
- Construction of underground utilities and road works
- Construction of sewage pumping stations
- Construction of River Park and Visitor Centre
- Construction of bridges
- Construction of box culvert
- Construction of attenuation ponds



Contract No. NL/2020/06 – Site Progress



Road L30
Underground Utilities Works & Roadworks



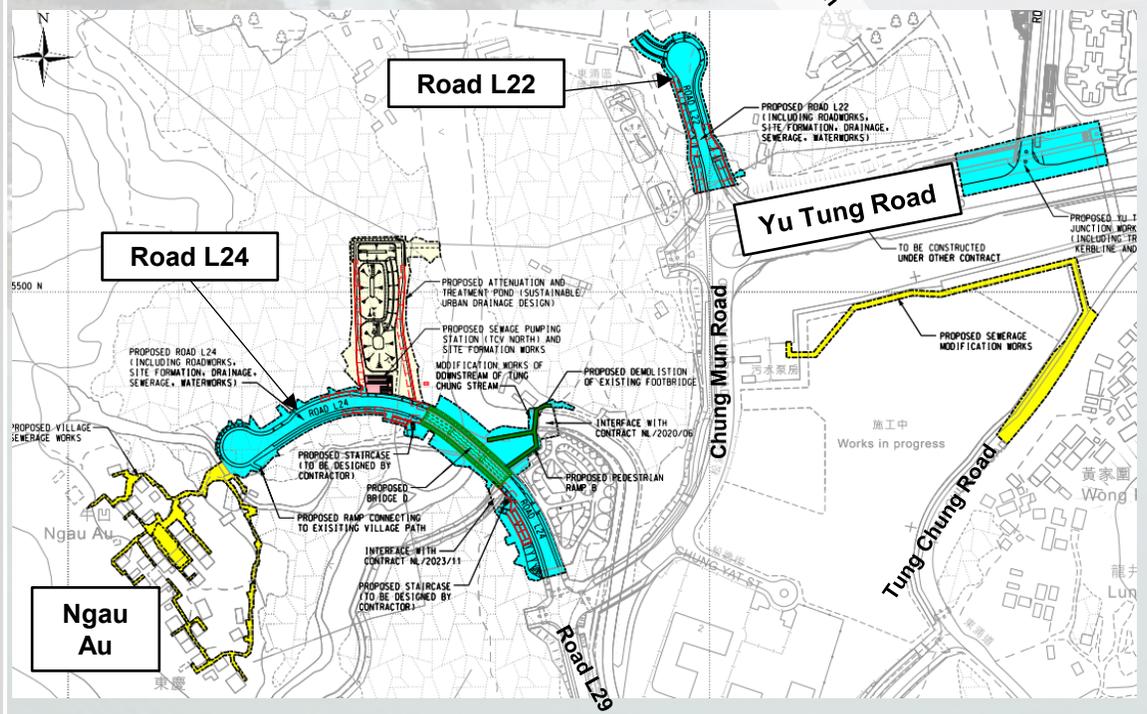
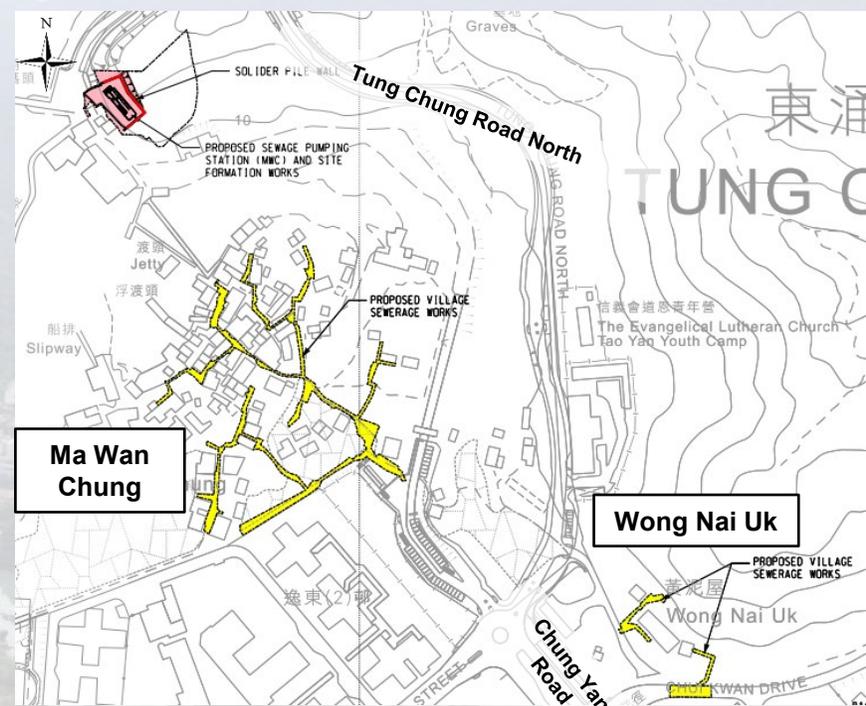
Contract No. NL/2023/10 – Infrastructure Works at Tung Chung Valley, Yu Tung Road and Ma Wan Chung

Item	Major Works
1	Road Works at Road L22, Road L24 and Yu Tung Road
2 & 3	Sewage Pumping Stations
4	Sewerage works at Ma Wan Chung, Wong Nai Uk, Ngau Au and Tung Chung Road North
5	Bridges across Tung Chung Stream
6	Sustainable Urban Drainage System

Contract Period : October 2025 to 2030

Major activities in coming three months :-

- Hoarding erection
- Condition survey
- Topographic survey
- Tree survey
- Archaeological survey
- Ground investigation
- Village sewerage works



Tung Chung West

c) Environmental Monitoring and Audit

Environmental Mitigation Measures for Construction Activities



Water spraying via sprinklers at main access road



Wheel washing facility at the site exit



Water spraying by water truck along haul road



Covering excavated stockpiles by impervious sheeting

Environmental Mitigation Measures for Construction Activities (Cont'd)



Deployment of noise barrier

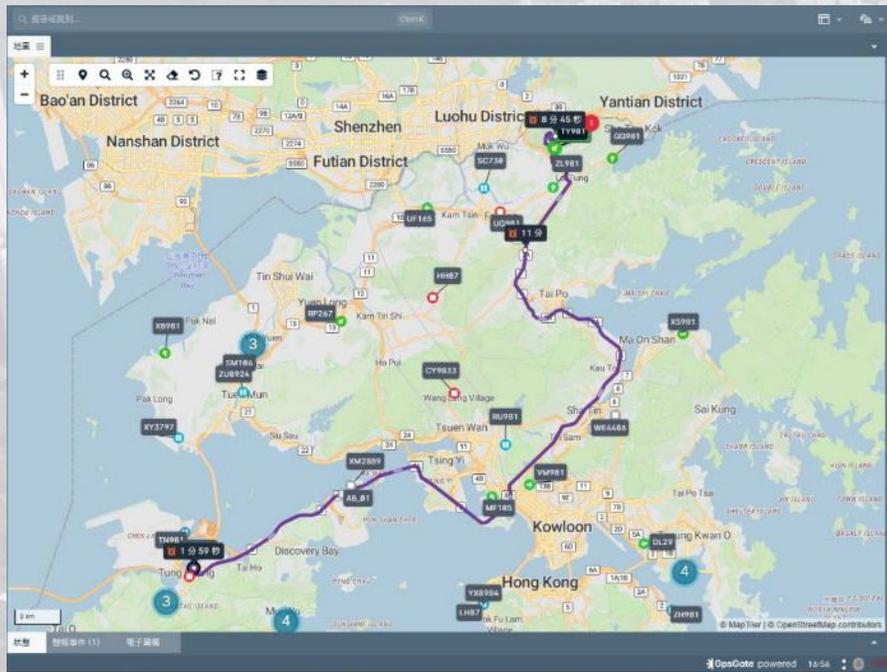


Wrapping of breaker tip with noise acoustic material

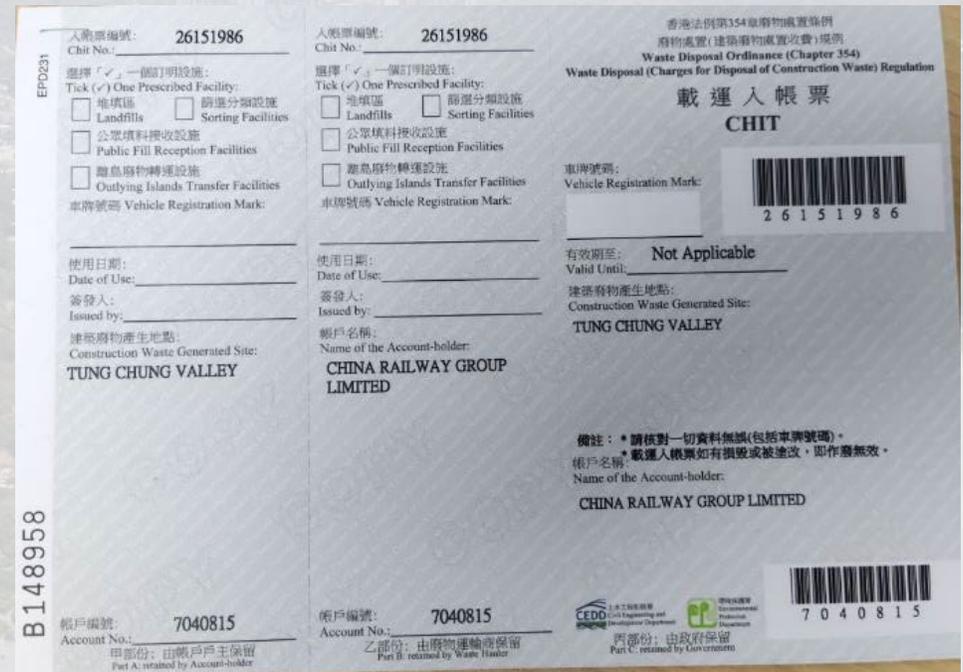


Wastewater treatment facility

Environmental Mitigation Measures for Construction Activities (Cont'd)



Realtime tracking on the travelling routes of dump trucks



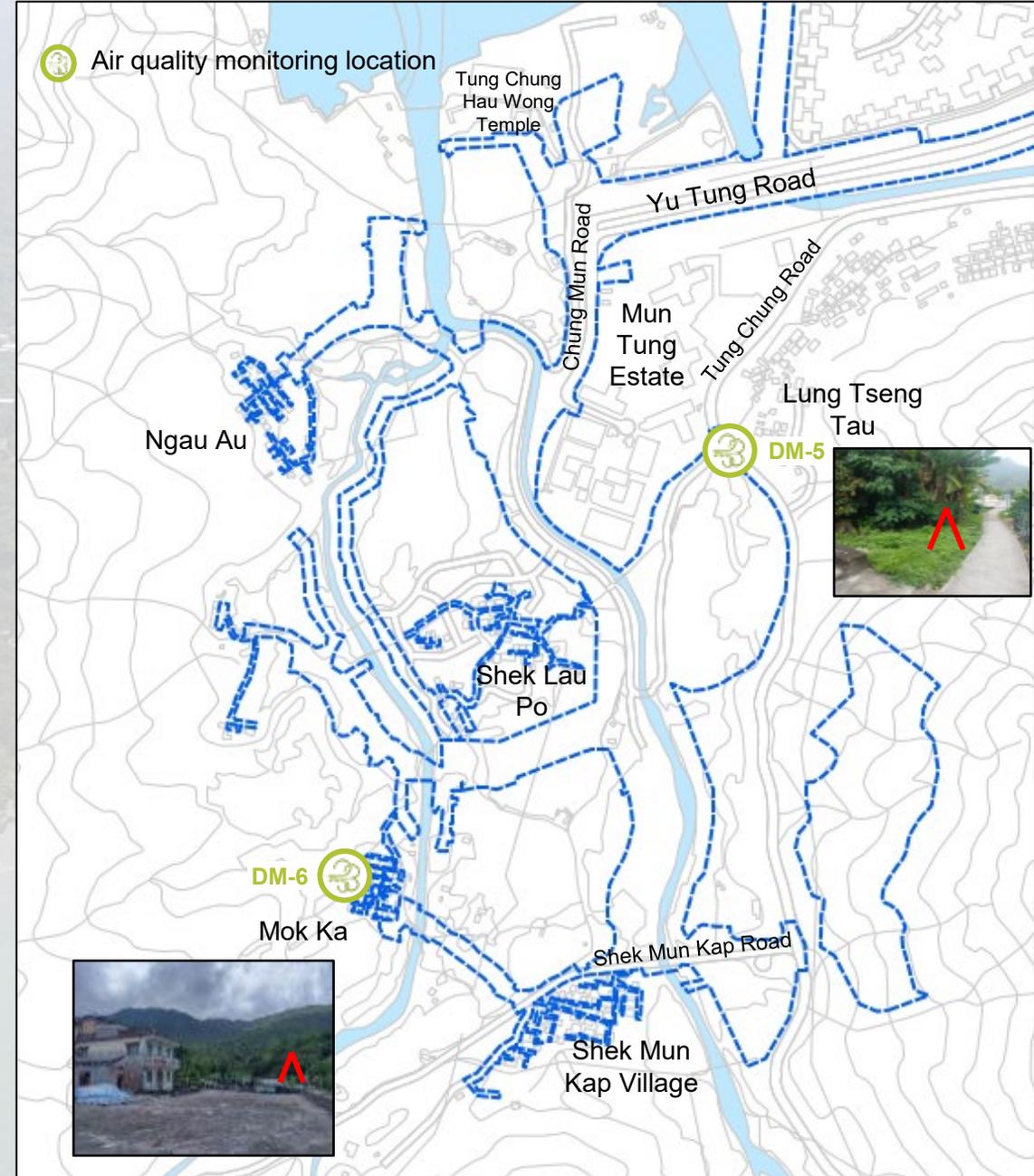
CHIT for waste disposal

EM&A Monitoring – Air Quality

ID	Description	Monitoring Parameter	Monitoring Frequency
DM-5	Lung Tseng Tau	1-hr TSP	Three times every six days
DM-6	Mok Ka		

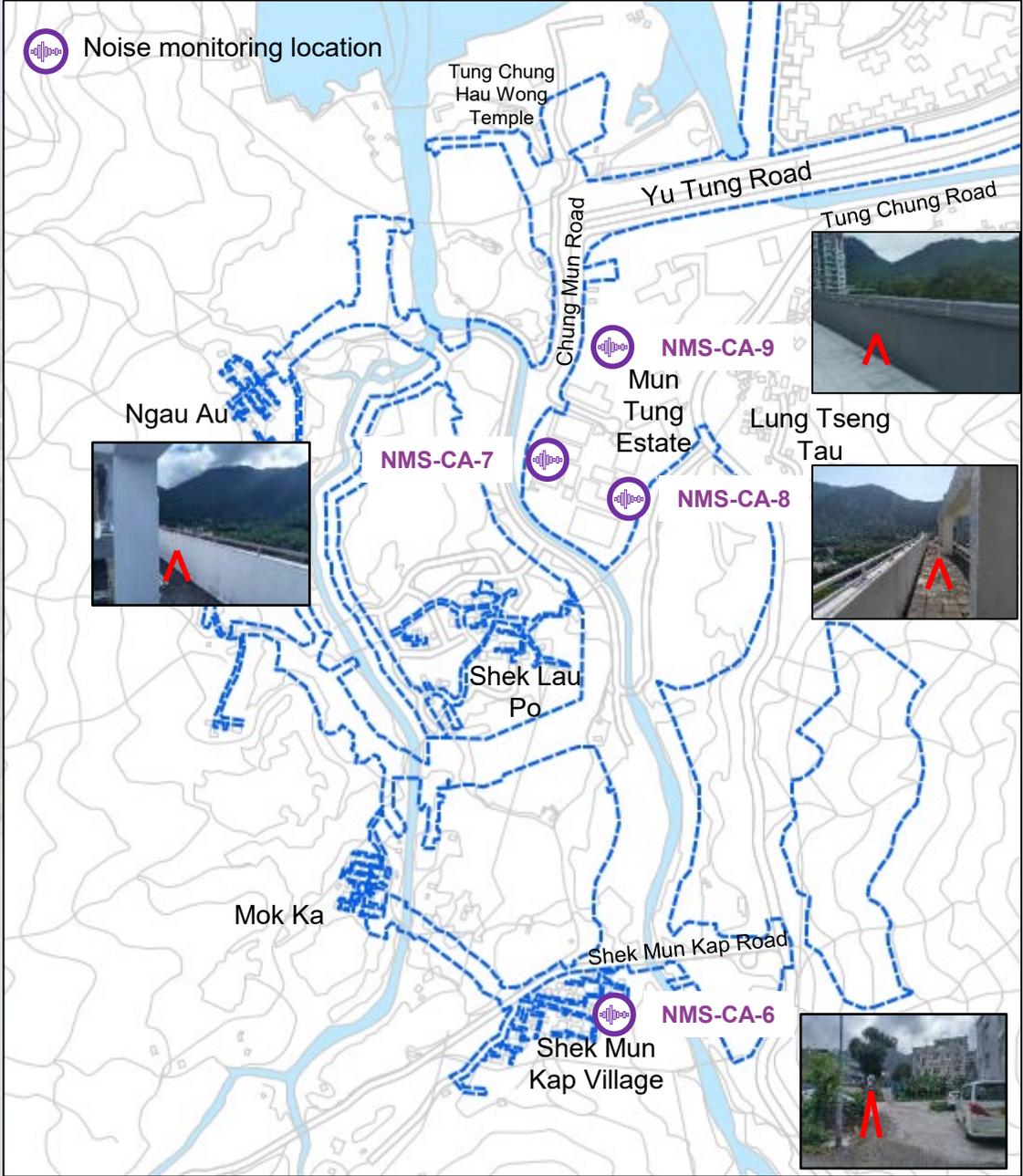
Monitoring Results from May to Nov 2025

No exceedance was recorded



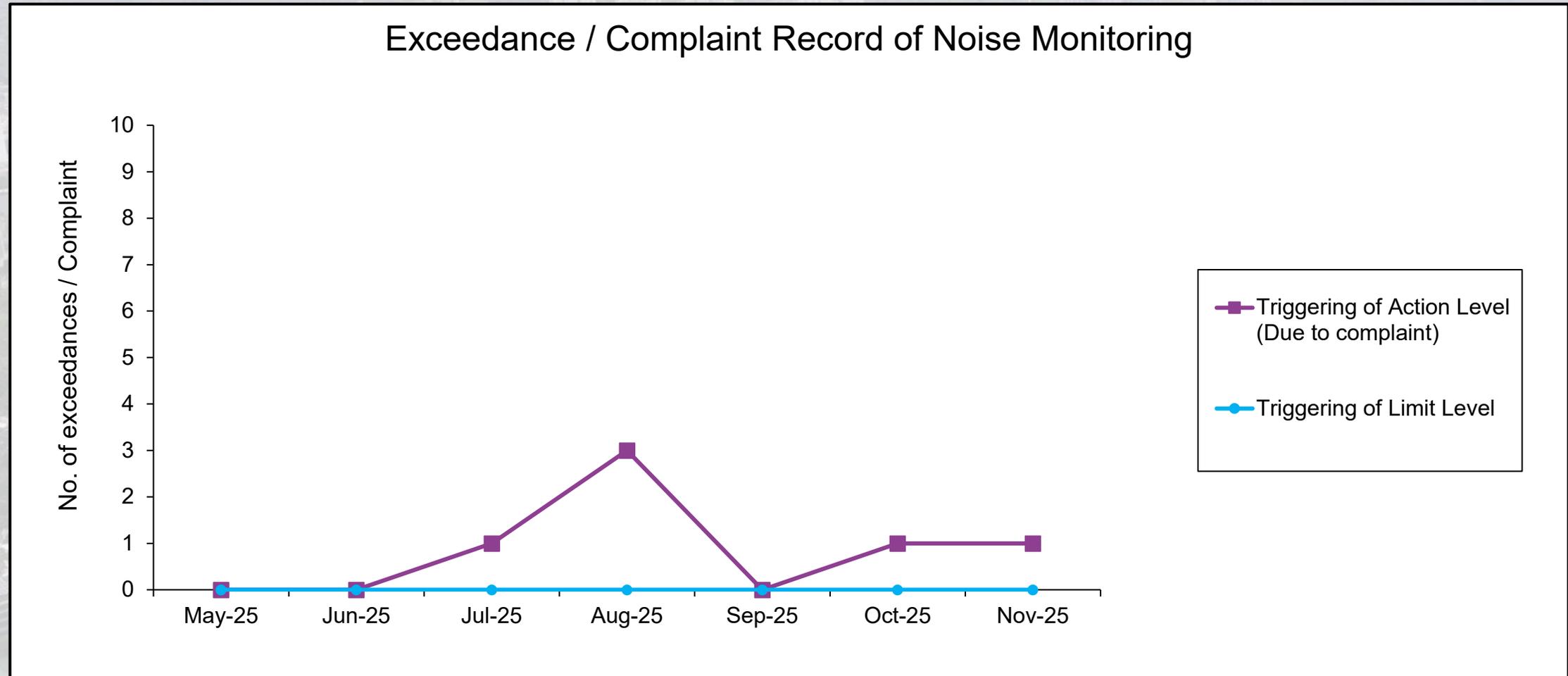
EM&A Monitoring – Noise

ID	Description	Monitoring Parameter	Monitoring Frequency
NMS-CA-5	Village house in Ma Wan Chung	A-weighted equivalent continuous sound pressure level L_{eq}	Once per week
NMS-CA-6	Village house in Shek Mun Kap		
NMS-CA-7	YMCA of Hong Kong Christian College (Roof Floor)		
NMS-CA-8	Caritas Wu Cheng-Chung College (Roof Floor)		
NMS-CA-9	Hong Chi Shiu Pong Morninghope School (Roof Floor)		



EM&A Monitoring – Noise

Statistics of Exceedance from May to Nov 2025

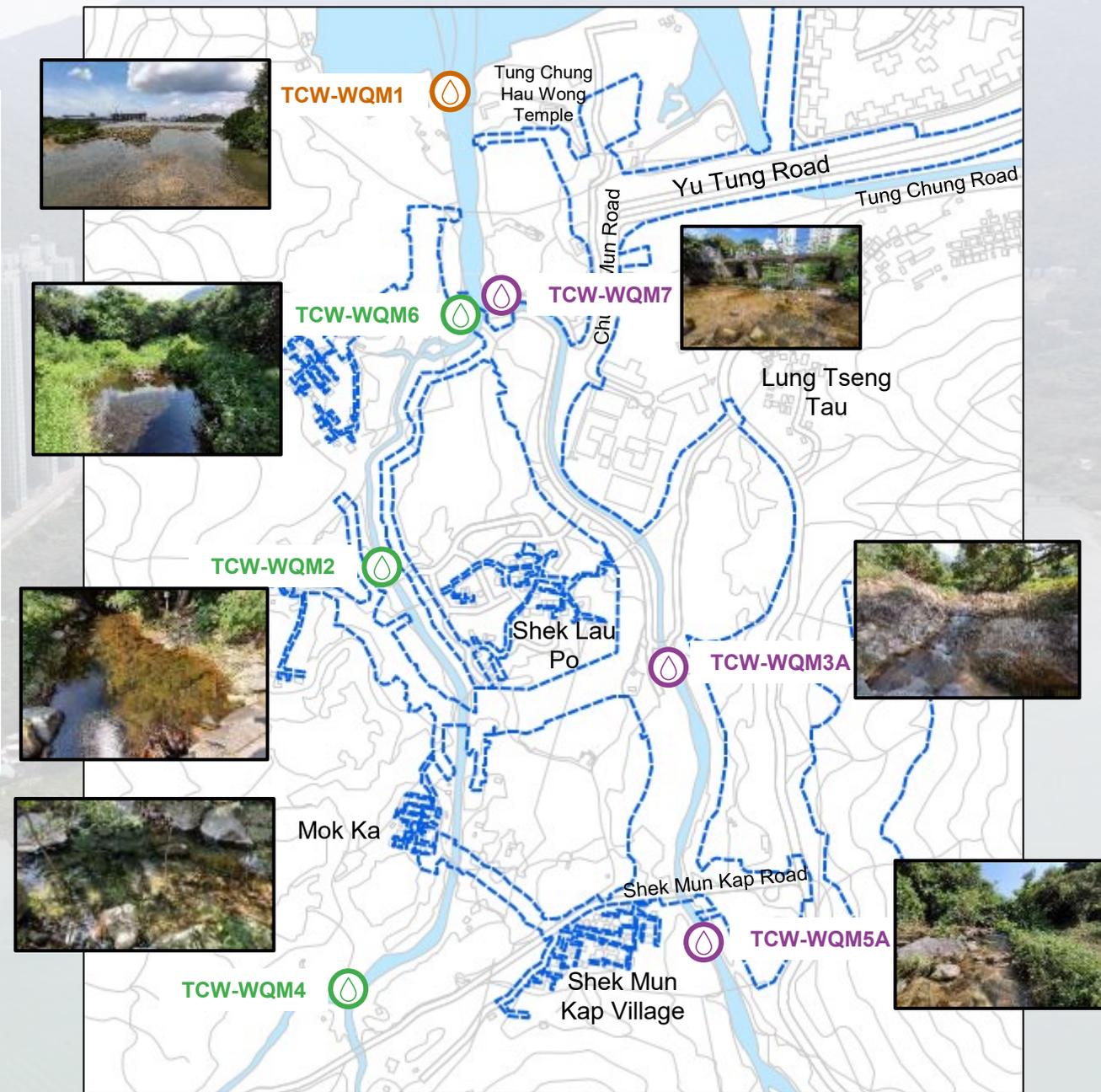


Exceedance as recorded in the reporting period was due to the receipt of noise complaint

EM&A Monitoring – Water Quality

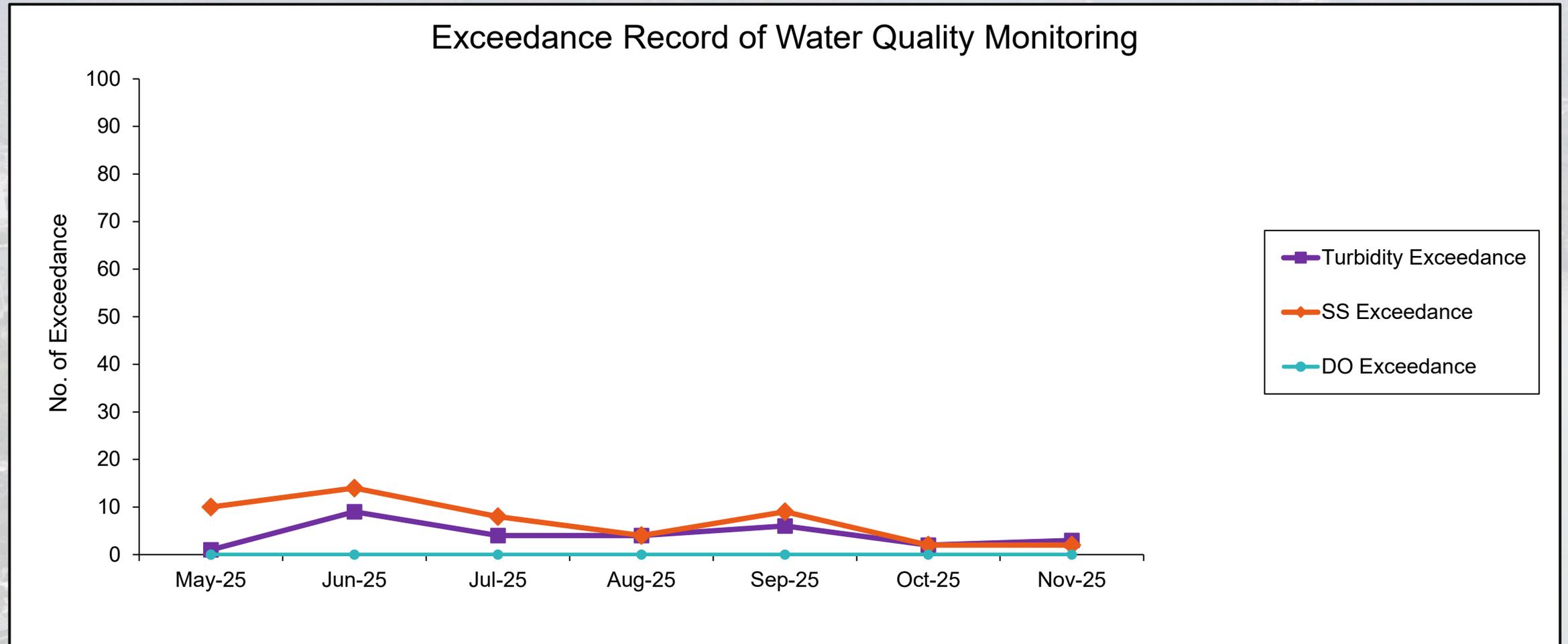
ID	Description	Monitoring Parameter	Monitoring Frequency
TCW-WQM-1	Downstream of Tung Chung Stream	<ul style="list-style-type: none"> • Temperature • Salinity • Conductivity • pH • Dissolved Oxygen • Turbidity • Suspended Solids 	3 days per week
TCW-WQM-2	Middle of Tung Chung Stream (West)		
TCW-WQM-3A	Middle of Tung Chung Stream (East)		
TCW-WQM-4	Upstream of Tung Chung Stream (West)		
TCW-WQM-5A	Upstream of Tung Chung Stream (East)		
TCW-WQM-6	Downstream of Tung Chung Stream (West)		
TCW-WQM-7	Downstream of Tung Chung Stream (East)		

-  Stream water quality monitoring location (River Mouth)
-  Stream water quality monitoring location (West Tributary)
-  Stream water quality monitoring location (East Tributary)



EM&A Monitoring – Water Quality

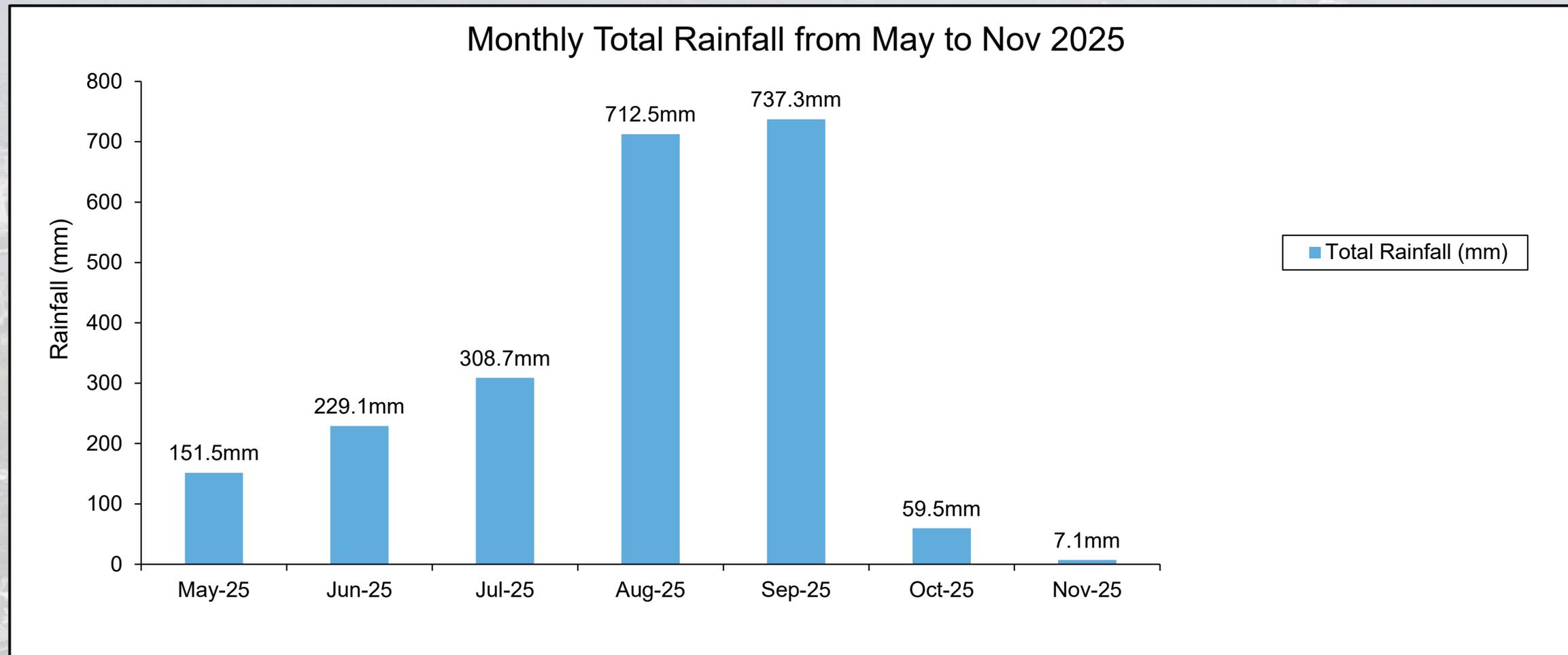
Statistics of Exceedance from May to Nov 2025



1. Impact monitoring is carried out at seven stations for three times per week.
2. Exceedances as recorded in the reporting period were mainly due to the inclement weather.
3. The implementation of environmental mitigation measures by Contractor was in general satisfactory and no deficiencies in practices were observed.

EM&A Monitoring – Water Quality

Statistics of Exceedance from May to Nov 2025



Note: Monthly rainfall data was extracted from the manned weather station located at Hong Kong International Airport by Hong Kong Observatory.

EM&A Monitoring – Ecology

ID	Description	Monitoring Parameter	Monitoring Frequency
RP1	Conservation Zone (Natural Section)	<ul style="list-style-type: none"> Water Quality ^[Note] Taxa diversity of Fish Species and Aquatic Invertebrate 	Once per month
RP2	Upstream of River Park		
RP3	Revitalisation Zone (Channelised Section)		
RP4	Downstream of River Park		
PW1	Near Public Works		
PW2	Near Public Works		
PW3	Near Public Works		
PW4	Near Public Works		
PW5	Near Public Works		
PW6	Near Public Works		
			Baseline monitoring was completed in Mar 2024

Notes:

- pH
- Salinity
- Temperature
- Turbidity
- Dissolved Oxygen
- Suspended Solids
- Ammonia as N
- Total Kjeldahl Nitrogen
- E. Coli
- Biochemical Oxygen Demand
- Chemical Oxygen Demand
- Oil & Grease

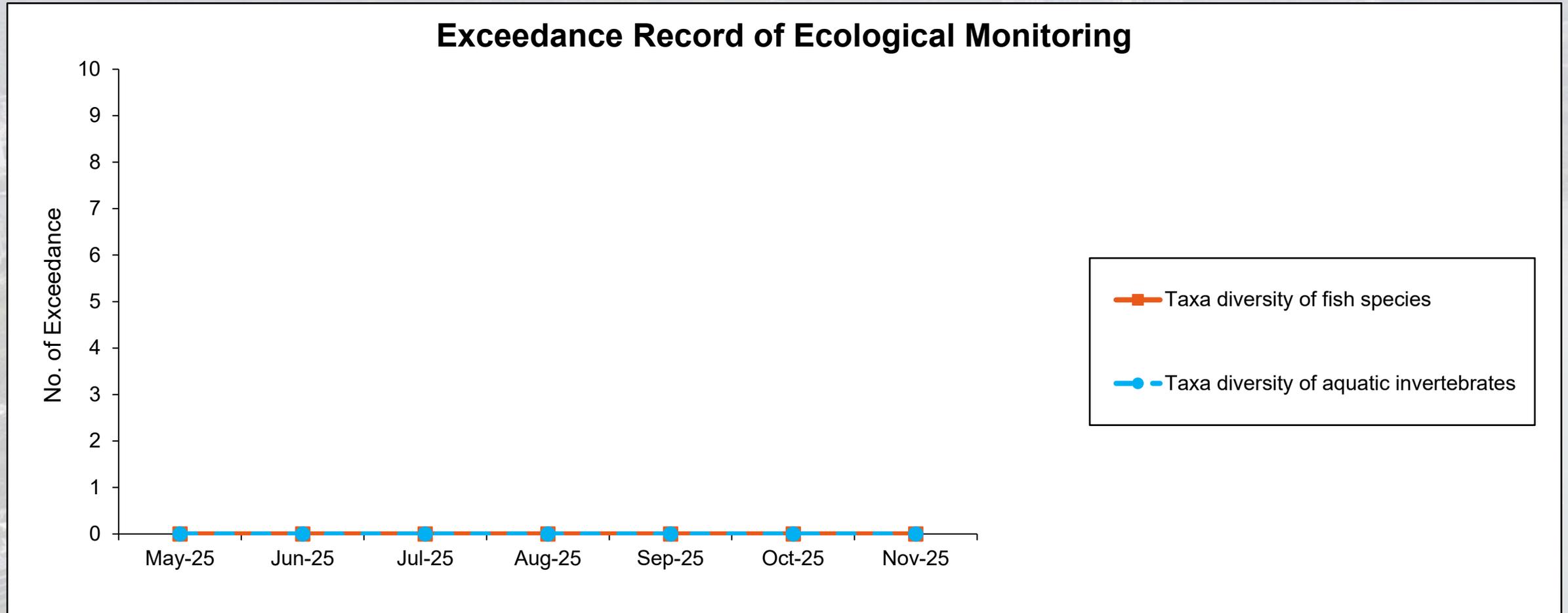
Ecological Monitoring at the monitoring station RP3 and PW2 were suspended since March 2023 with the commencement of temporary river diversion in Tung Chung Stream.



- Ecological monitoring location for other public works
- Ecological monitoring location for the proposed River Park

EM&A Monitoring – Ecology

Statistics of Exceedance from May to Nov 2025



1. Exceedances as recorded in the reporting period were mainly due to seasonal variation.
2. The implementation of environmental mitigation measures by Contractor was in general satisfactory and no deficiencies in practices were observed.

Complaint Received

Month	Air	Noise	Water	Others (Waste, Ecology, Landscape and Visual)
May-2025	0	0	0	1
Jun-2025	0	0	1	0
Jul-2025	0	1	3	0
Aug-2025	0	3	0	0
Sep-2025	1	0	2	0
Oct-2025	1	1	1	0
Nov-2025	0	1	0	0
Nature of Complaints	<ul style="list-style-type: none"> Construction site near Ma Wan Chung Carpark Construction dust from the junction of Chung Mun Road and Yu Tung Road 	<ul style="list-style-type: none"> Yu Tung Road construction site Construction site near YCMA of Hong Kong Christian College Construction site near Yat Tung Estate Construction site near Mun Tung Estate 	<ul style="list-style-type: none"> Suspected discharge at Tung Chung Promenade Muddy water at Yi Tung Road Suspected discharge from construction site near Tung Chung bay Suspected discharge from construction site near Ngau Au 	<ul style="list-style-type: none"> Suspected chemical waste from Yu Tung Road construction site



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Thank you

