

Tung Chung New Town Extension



11th PLG Meeting
Date : 22 October 2024



土木工程拓展署
CIVIL ENGINEERING AND
DEVELOPMENT DEPARTMENT

可持續大嶼辦事處
SUSTAINABLE LANTAU OFFICE

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

1. Confirmation of Last Meeting Minutes

2. Tung Chung East

a) Matters Arising from Last Meeting

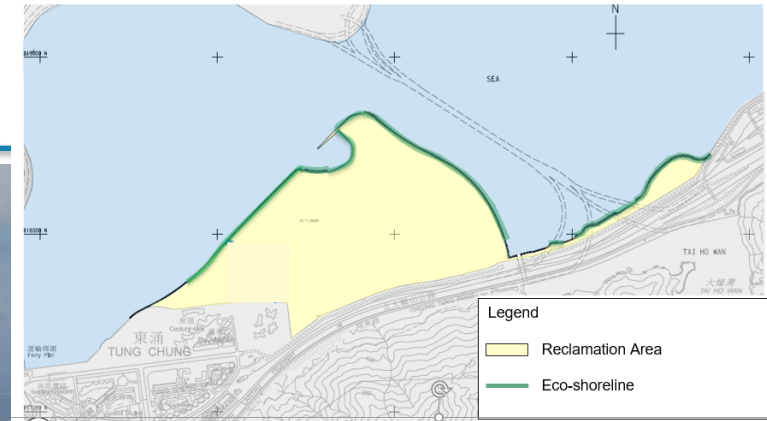
Response to Comment

- ❑ S.3.4.1: *“The Project Team (East) reported that several discussions with EPD on the Centralised Environmental Database (CED) were conducted. EPD acknowledged that all Environmental Permit submissions and EM&A data were already publicly available through EPD website as well as the dedicated project website. The Chairman added that all the monitoring data could be provided upon EPD’s request.”*
- EPD is planning to incorporate of all the environmental data in the vicinity of Lantau areas/waters, including but not limited to TCNTE project, into their CED database.

2. Tung Chung East

b. Overview and Progress

Tung Chung East Reclamation

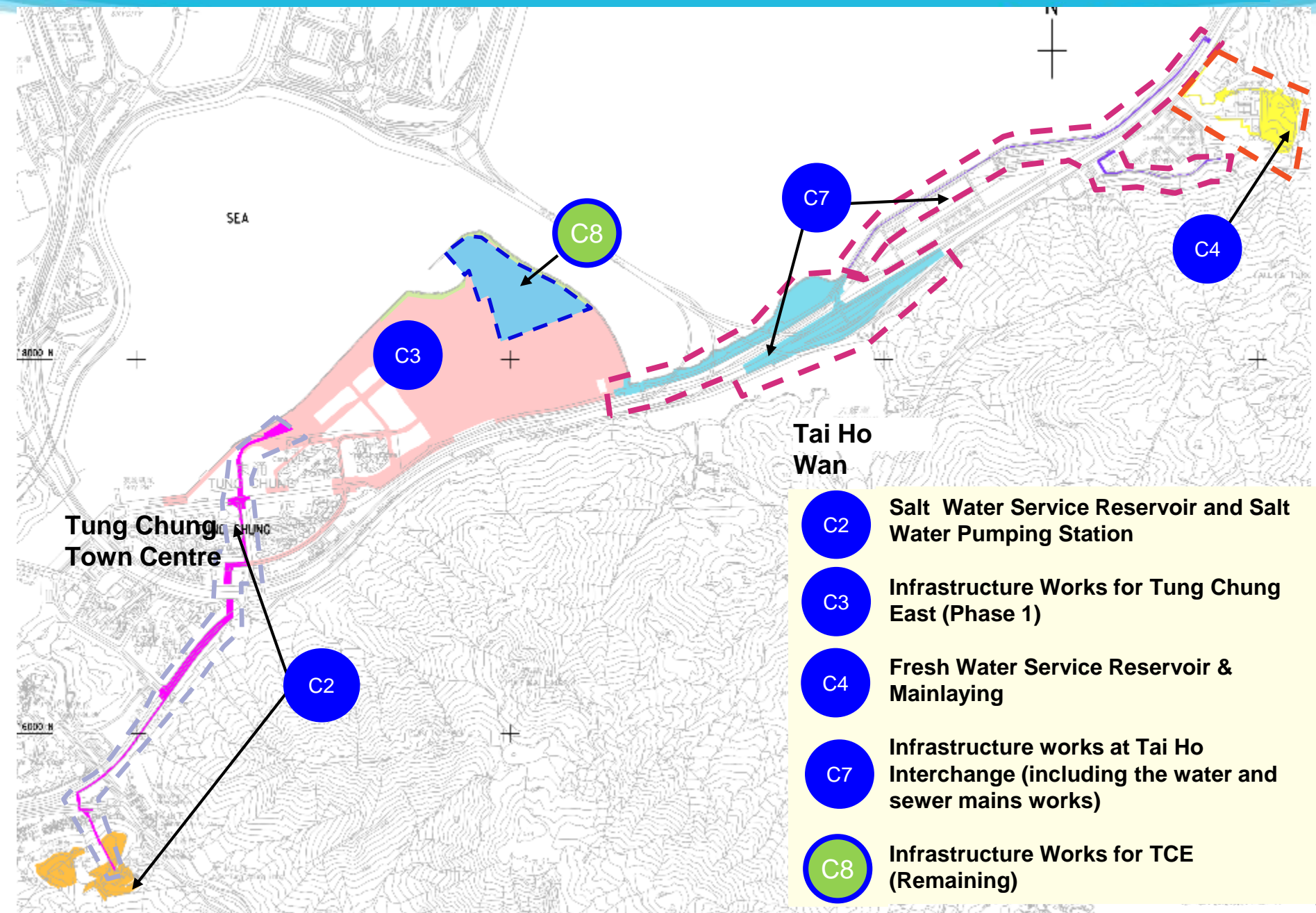


- ① 130 hectares land reclamation by non-dredged method
- ② Construction of 4.9 km seawalls partly with eco-shorelines (3.8km)

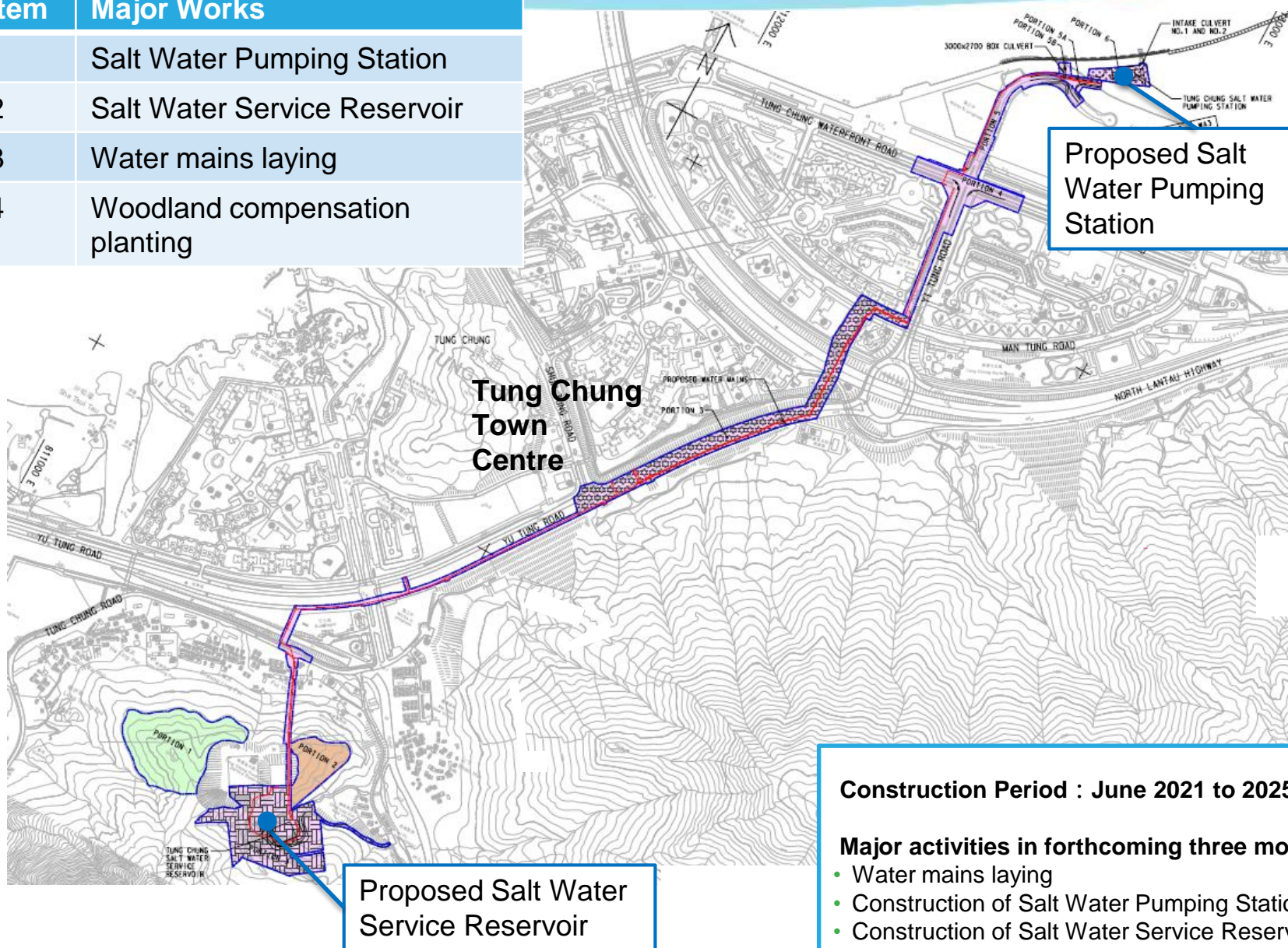
Tung Chung East Reclamation



Tung Chung East Infrastructure



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 2025 Q1

Major activities in forthcoming three months:-

- Water mains laying
- Construction of Salt Water Pumping Station
- Construction of Salt Water Service Reservoir

Salt Water Pumping Station (SWPS)

Construction Period

2021 Q4 to 2024 Q4

Related Works

- E&M Works
- ABWF Works



Salt Water Service Reservoir

Construction Period

2022 Q2 to 2024 Q4

Related Works

- Watermain Laying
- E&M Works



Watermain Laying

Construction Period

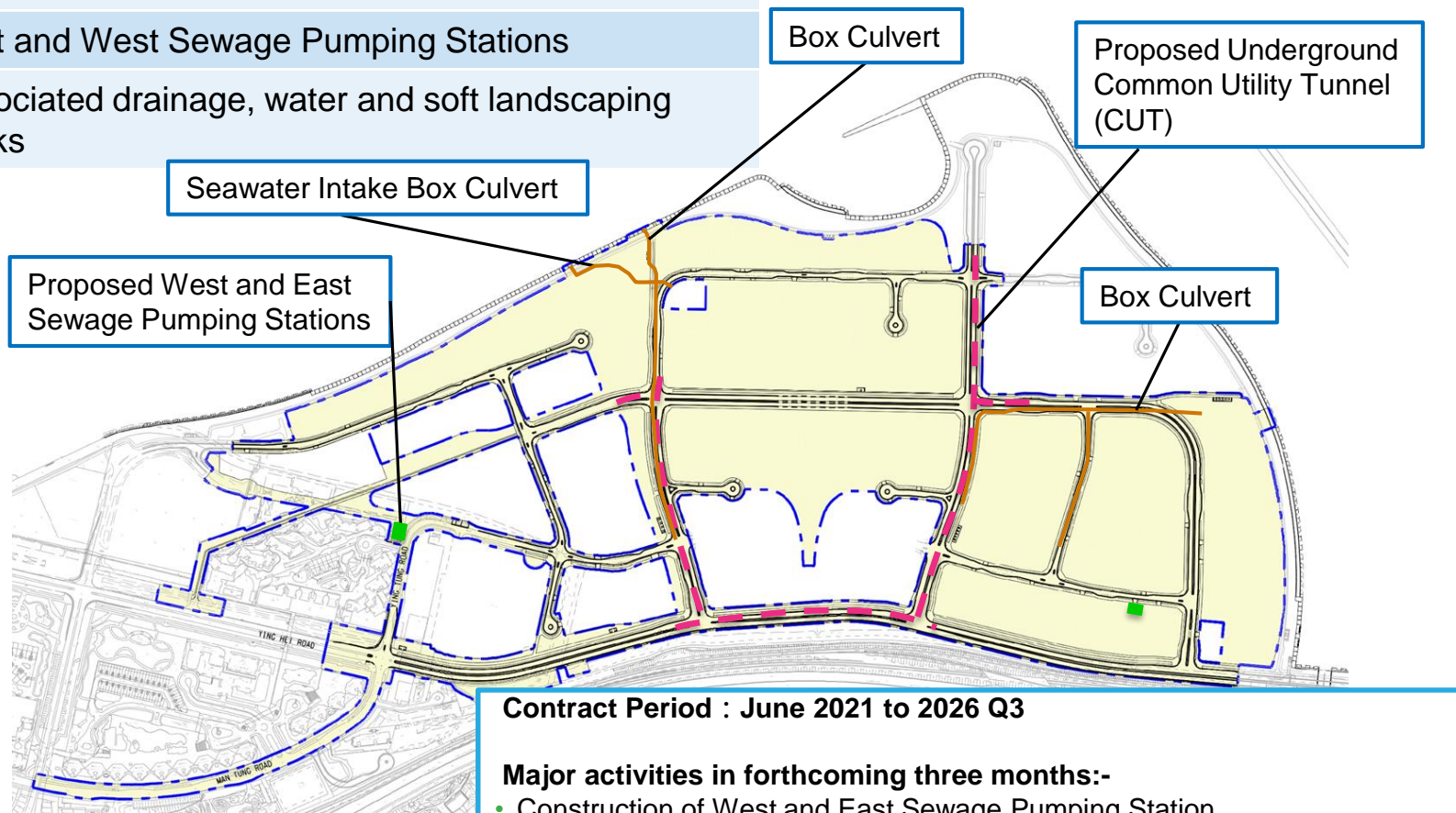
2021 Q4 to 2025 Q1

Related Works

- TTA and traffic diversion
- Watermain Laying



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 West and East Sewage Pumping Station
- Construction of Common Utility Tunnel No. 1 and No. 3
- Utilities laying along Man Tung Road, Yi Tung Road, Ying Tung Road, Road L3, Road L4, Road 5, Road D4, Road L7, Road L8, Road L9
- Construction of Seawater Intake Box Culvert, Box Culvert No. 3 and No. 4

West Sewage Pumping Station (WSPS)

Construction Period
2021 Q3 to 2024 Q4

Related Works

- ABWF works
- E&M Installation works

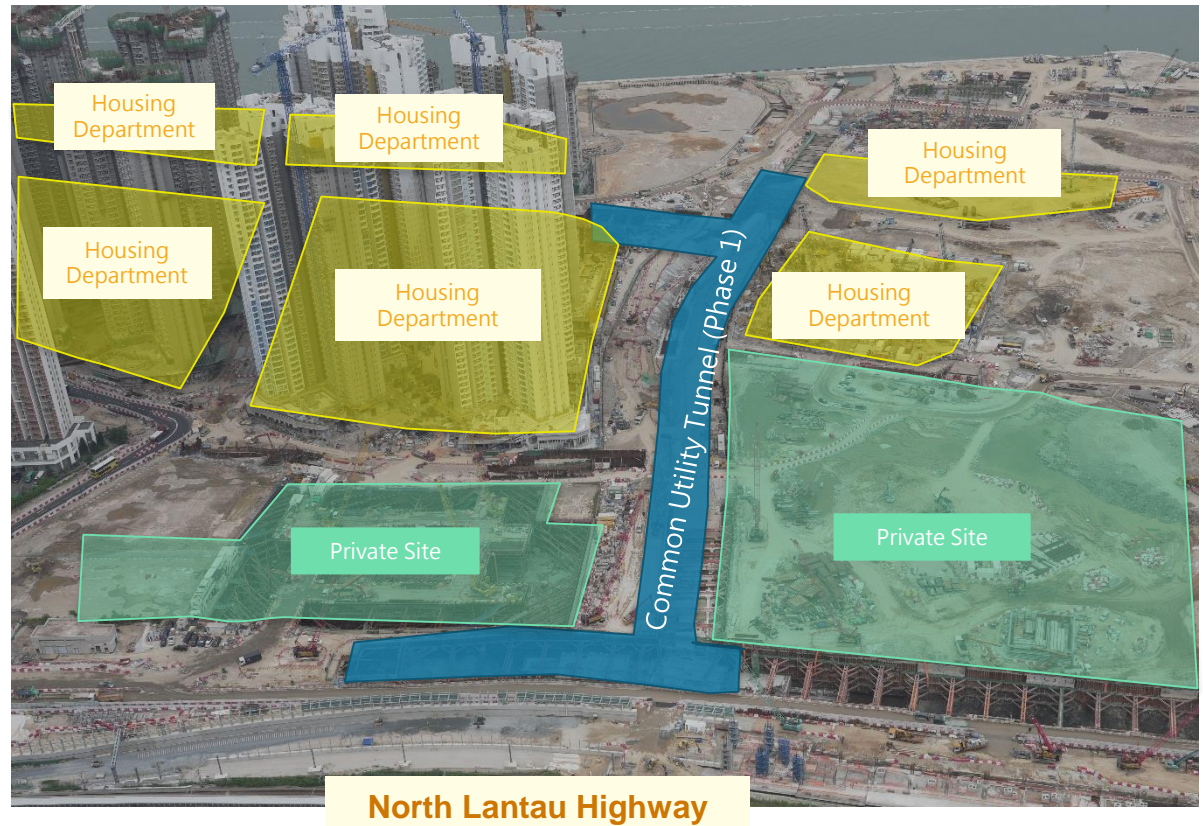


Common Utility Tunnel (CUT) (Phase 1)

Construction Period
2021 Q3 to 2025 Q1

Related Works

- ELS works
- Underground R.C. structures
- Backfilling Works

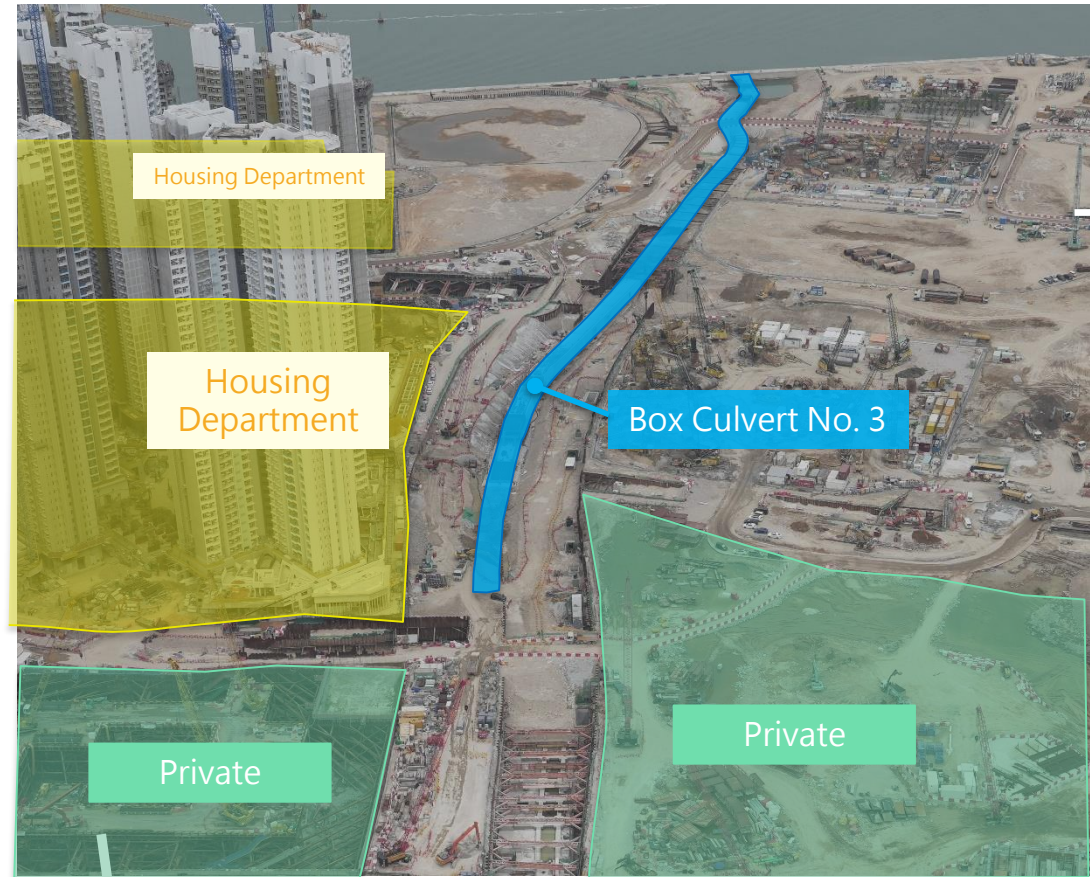


Box Culvert No. 3

Construction Period
2023 Q4 to 2025 Q1

Related Works

- ELS works
- Precast Units Installation
- Underground R.C. structures

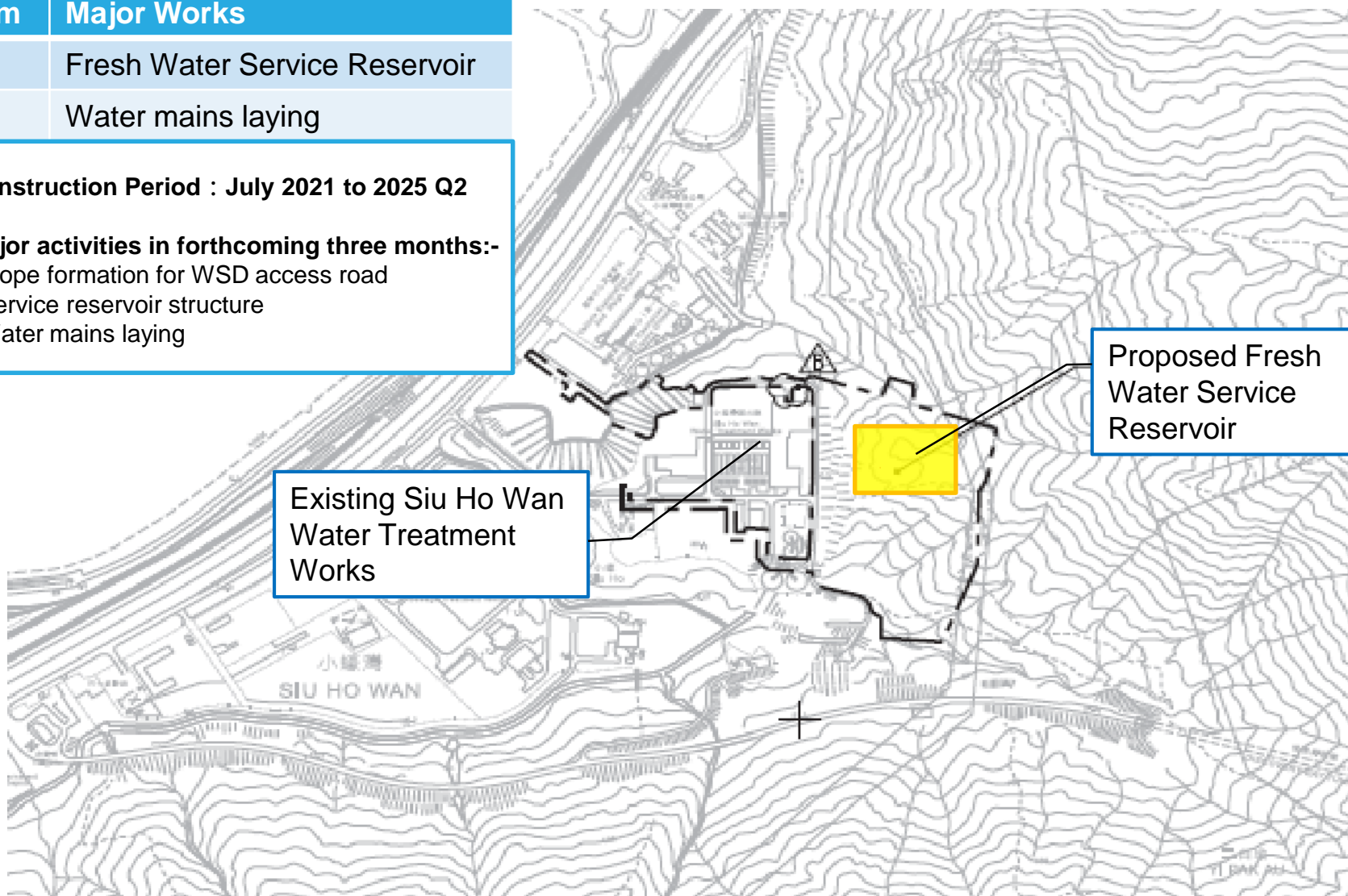


Item	Major Works
1	Fresh Water Service Reservoir
2	Water mains laying

Construction Period : July 2021 to 2025 Q2

Major activities in forthcoming three months:-

- Slope formation for WSD access road
- Service reservoir structure
- Water mains laying



Fresh Water Service Reservoir

Construction Period
2022 Q2 to 2025 Q2

Related Works

- R.C. structures
- Slope works

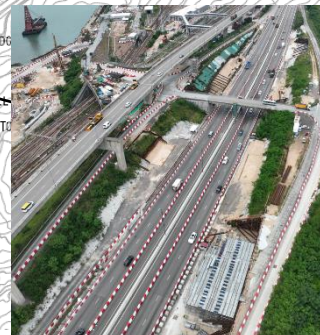
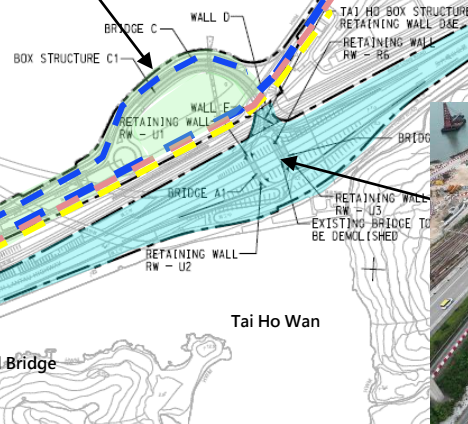
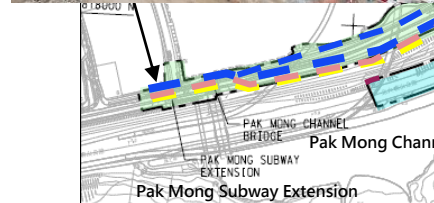


Item	Major Works
1	Construction of Tai Ho Interchange
2	Construction of a section of dual two-lane road between Tung Chung East and Tai Ho Interchange
3	Laying of fresh watermains, salt watermains and sewage rising mains

Contract Period : Oct 2021 to 2025 Q4

Major construction activities in forthcoming three months:-

- Pak Mong Subway Extension
- Pak Mong Channel Bridge
- Main-Laying works
- Tai Ho Interchange



Legend:



: Freshwater Main



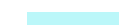
: Saltwater Main



: Sewage Rising Main



: Road P1 · Footpath · Cycle Track



: Tai Ho Interchange

Pak Mong Subway Extension

Construction Period
2022 Q2 to 2025 Q4

Related Works

- R.C. structure & Steel frame roof



Pak Mong Channel Bridge

Construction Period
2023 Q1 to 2025 Q2

Related Works

- Bridge construction



Main-laying works (Rising, Fresh and Salt Water Mains)

Construction Period

2021 Q3 to 2024 Q4

Related Works

- Rising Main-laying
- Fresh & Salt Water Main-laying



Construction of Tai Ho Interchange

Construction Period







2022 Q3 to 2025 Q4

Related Works

- Sign gantry
- Piling works
- R.C. structure
- Bridge construction
- Temporary Traffic Arrangement for sign gantry footing construction



Oyster Bags at Lower Terrace of Mangrove Eco-shoreline

Location	ES1	ES3W	ES3E
No. installed	5	17	18
Installed in Jan. 2024			
After Jun. 2024			

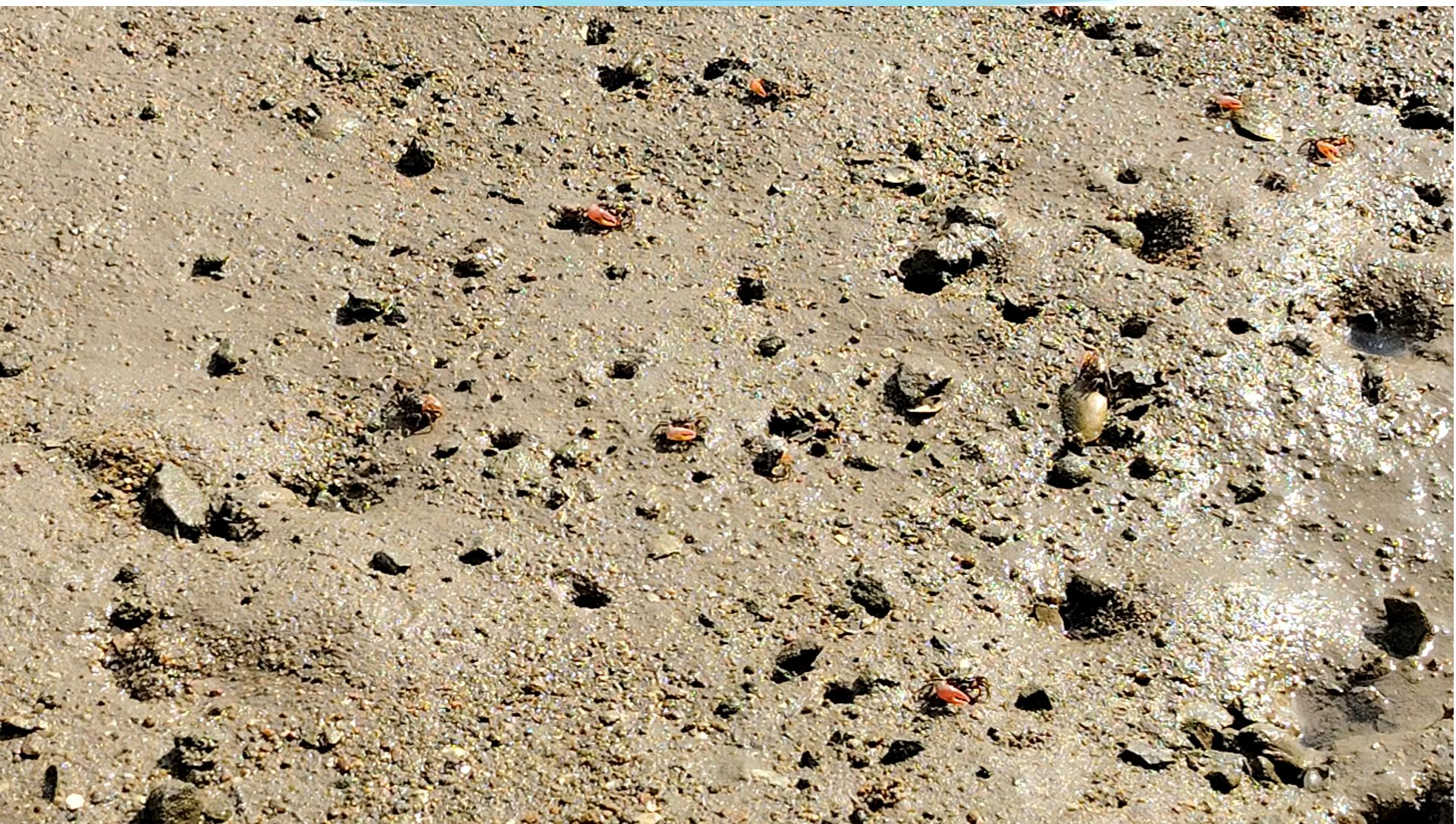
- The hemp net bag exposed to seawater degraded in about 5 months after installation. The oyster shells remain at the eco-shoreline.



Ad-hoc Sea life Detection at Rocky and Mangrove Eco-shoreline

- Identify and test the **PTZ cameras** in the actual field (Tung Chung Bay and main site) (*ongoing*)
- **Further collect marine creature images** by PTZ & action cameras at the sites to enrich the species type & sample size for future AI model development (*ongoing*)
- **Identify and label species** in each collected images (*upcoming*)





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 session and twice during wet session
- Ichthyoplankton and Juvenile Fish survey
 - carry out on a monthly basis from May to August
- Monitoring Work for 3 years



Eco-shoreline Monitoring

Monitoring Location:



Eco-shoreline Monitoring

Current Progress:

- Monitoring Works in Dry Session were completed
 - Half-year report was submitted to EPD
- Monitoring Works in Wet Session were completed
 - Data Analysis is on-going
- Ichthyoplankton and Juvenile Fish survey from May to August was completed
 - Data Analysis is on-going
- 1st year monitoring works were completed

Eco-shoreline Monitoring

Eco-shoreline and Reference Monitoring in Dry Session:

- The conclusion is summarized as below:
 1. 25 species were found in the Mangrove Eco-shoreline,
 2. 58 species were found in Rocky Eco-shoreline versus 33 species found in its reference.
 3. 28 species were found in the Vertical Eco-shoreline versus 10 species found in its reference
 4. Generally, Eco-shoreline has a higher biodiversity than conventional reference locations in terms of number of species.
 5. Subsequent wet season monitoring will further reveal the situation of community establishment throughout the year



Mangrove Eco-shoreline:

- Normal condition with acceptable mortality
- Algae observed, which may hinder the growth and affect the survival of mangrove



Rocky and Vertical eco-shoreline

- Higher biodiversity was observed
- The intrusions and water pool may provide microhabitats with lower heat and desiccation stress



Metopograpsus quadridentatus



Cellana grata



Onchidium sp.

Eco-shoreline Monitoring

Representative photographs of the abundant species and eco-shoreline features

Abundant Species



Rock oyster *Saccostrea cucullate*



Snail *Monodonta labio*



Sea anemone *Diadumene lineata*



Snail *Lunella coronata*



Snail *Reishia clavigera*



Snail *Littoraria articulata*










Barnacle *Fistulobalanus albicostatus*



Barnacle *Tetraclita squamosa*

Eco-shoreline Monitoring

Representative photographs of the abundant species and eco-shoreline features

Abundant Species			
			
Algae <i>Ulva</i> spp.	Snail <i>Littoraria melanostoma</i>	Little Ringed Plover <i>Charadrius dubius</i>	Great Egret <i>Ardea alba</i>
			
Mangrove <i>Avicennia marina</i>	Mangrove <i>Bruguiera gymnorhiza</i>	Mangrove <i>Kandelia obovata</i>	

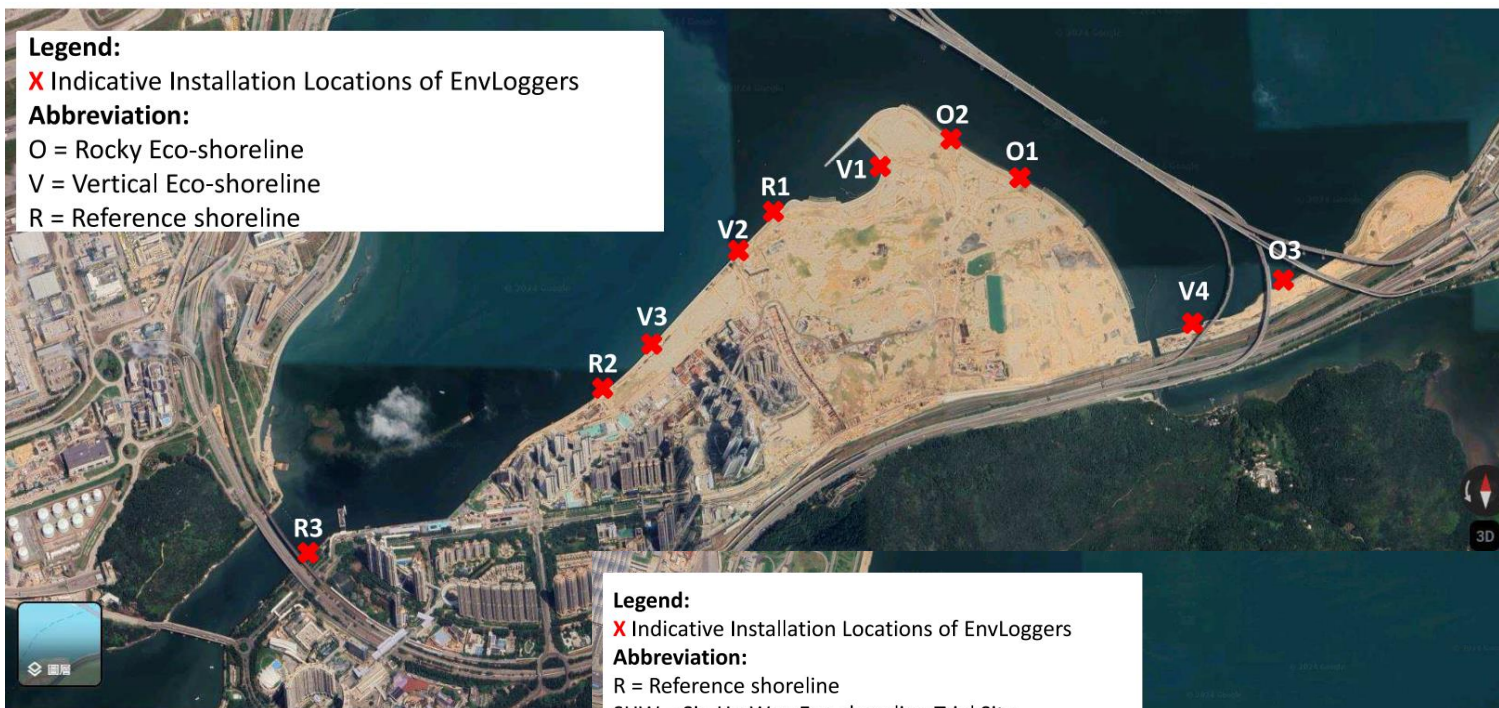
Temperature Loggers

Current Progress:

- Total 129 nos. temperature loggers were installed

Monitoring Location	No. of Monitoring Locations*	No. of temperature loggers at each location	No. of units for each type of Eco-shoreline /reference locations
Rocky Eco-shoreline	3	6 nos. for pool 6 nos. for maze 6nos. for drillhole	54
Vertical Eco-shoreline	4	12	48
Reference Location	3	3	9
Siu Ho Wan	1	18	18
		Total	129

Temperature Loggers

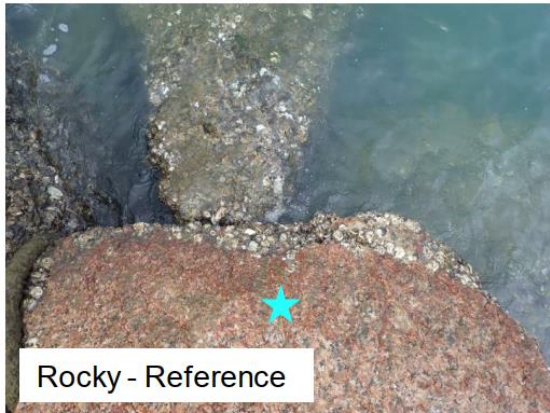


Temperature Loggers

- Location for Temperature Loggers at Rocky Eco-shoreline



- Location for Temperature Loggers at Reference Point and Siu Ho Wan for Rocky Eco-shoreline



Temperature Loggers

- Location for Temperature Loggers at Vertical Eco-shoreline



- Location for Temperature Loggers at Reference Point for Vertical Eco-shoreline



Temperature Loggers

Photos for installed temperature loggers at Rocky Eco-shoreline



at Maze



at Maze



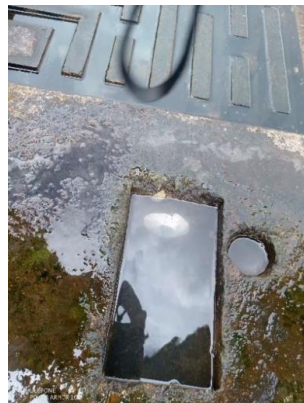
Underneath Stones of Rockpool



Bottom Surface of Rockpool



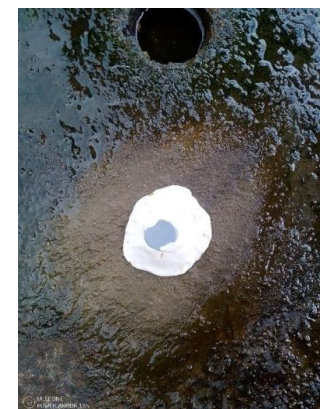
Vertical Surface of Rockpool



Large Rectangular Drillhole



Small Circle Drillhole



Block Surface

Temperature Loggers

Photos for installed temperature loggers at Vertical Eco-shoreline



at Shaded surface of the Crevices



at Shaded surface of the Crevices



at water-holding drillhole

Temperature Loggers

Temperature data in Aug and Sep 2024 are summarized as follow:

- 547,217 temp. data ($^{\circ}\text{C}$) were retrieved from 105 spots of rocky and vertical eco-shoreline

Eco-shoreline Type	Eco-shoreline Features	Logger Spot	Mean	Max	Min
Rocky Eco-shoreline	Drillhole	Circle drillhole	30.5	46.2	25.4
		Rectangular drillhole	30.2	40.9	26
		Rock surface	31.6	57.7	24.4
	Maze	Maze A	29.9	41.3	25.9
		Maze B	30.3	42.5	26.1
	Rock Pool	Bottom surface	29.9	36.7	27
		Underneath stones/boulders	29.7	36	27
		Vertical surface (landside)	29.7	36.3	26.7
		Vertical surface (perpen. to tide)	29.9	36.8	26.9
		Vertical surface (seaside)	29.6	35.6	26.8
Rocky Eco-shoreline Reference	Boulder Surface at High Water Zone	Rock surface	30.3	50.3	25.3
Vertical Eco-shoreline	Crevice (shaded)	Shaded surface of the crevices	30.1	49.4	25.5
	Drillhole	Water-holding drillhole	29.2	37.1	26
Vertical Eco-shoreline Reference	Plain Concrete Surface at High Water Zone	Concrete Surface	30.0	53.3	25.1

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)*

Project Background | EIAO Documents | EP Submissions | Baseline Monitoring Report | EM&A Reports | EM&A Data | Community Liaison Group | Professional Liaison Group | What's New

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



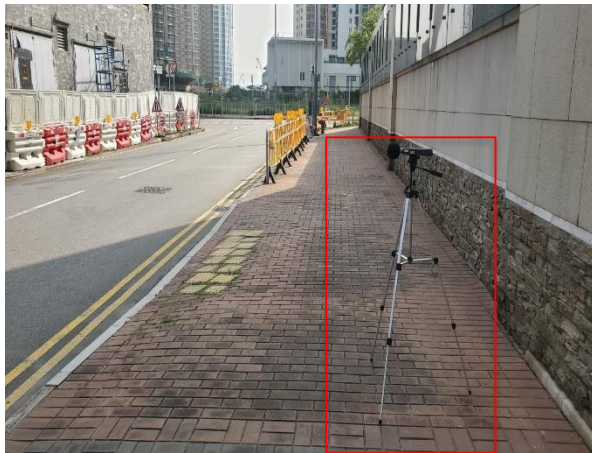
Water spraying by water truck for dust control



Wheel washing bay with high pressure jet



Sprinkler system



Noise monitoring



Noise barrier



Noise mitigation measures

Protection and Mitigation Measures on Construction Activities



Real time tracking and monitoring system for dump trucks

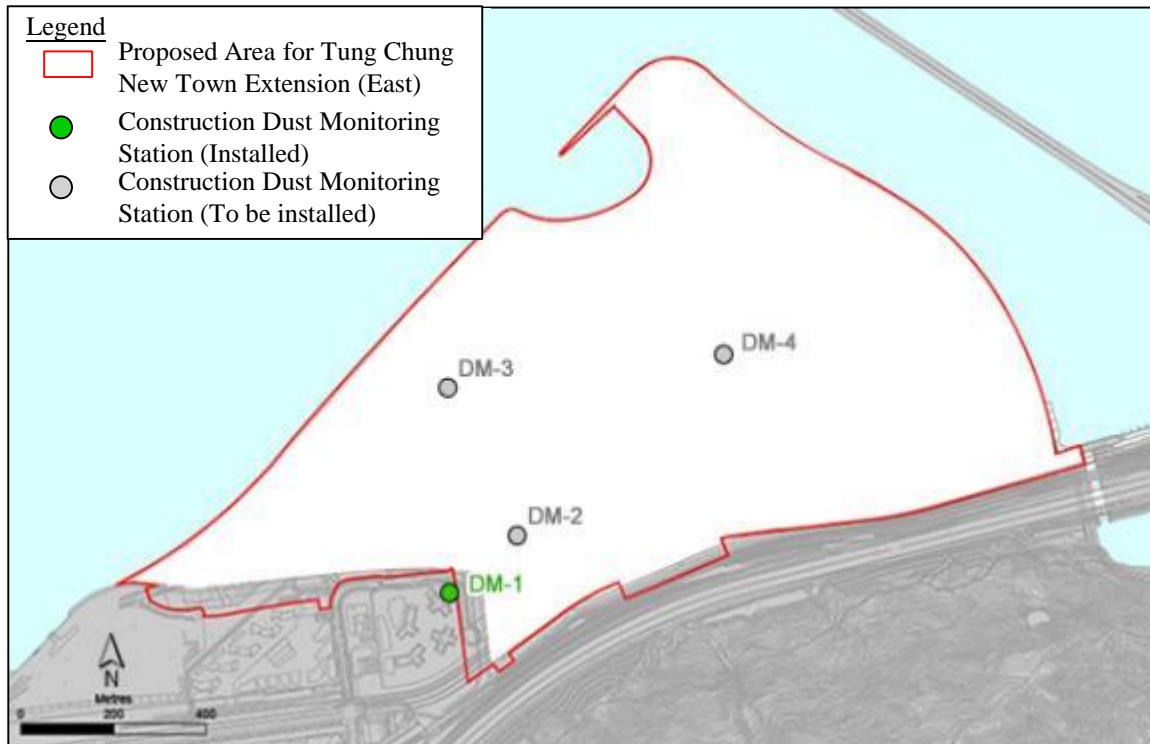
Trip ticket for waste control

EM&A Monitoring – Air Quality



Air Quality Monitoring

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



Monitoring Results between Mar and Aug 2024

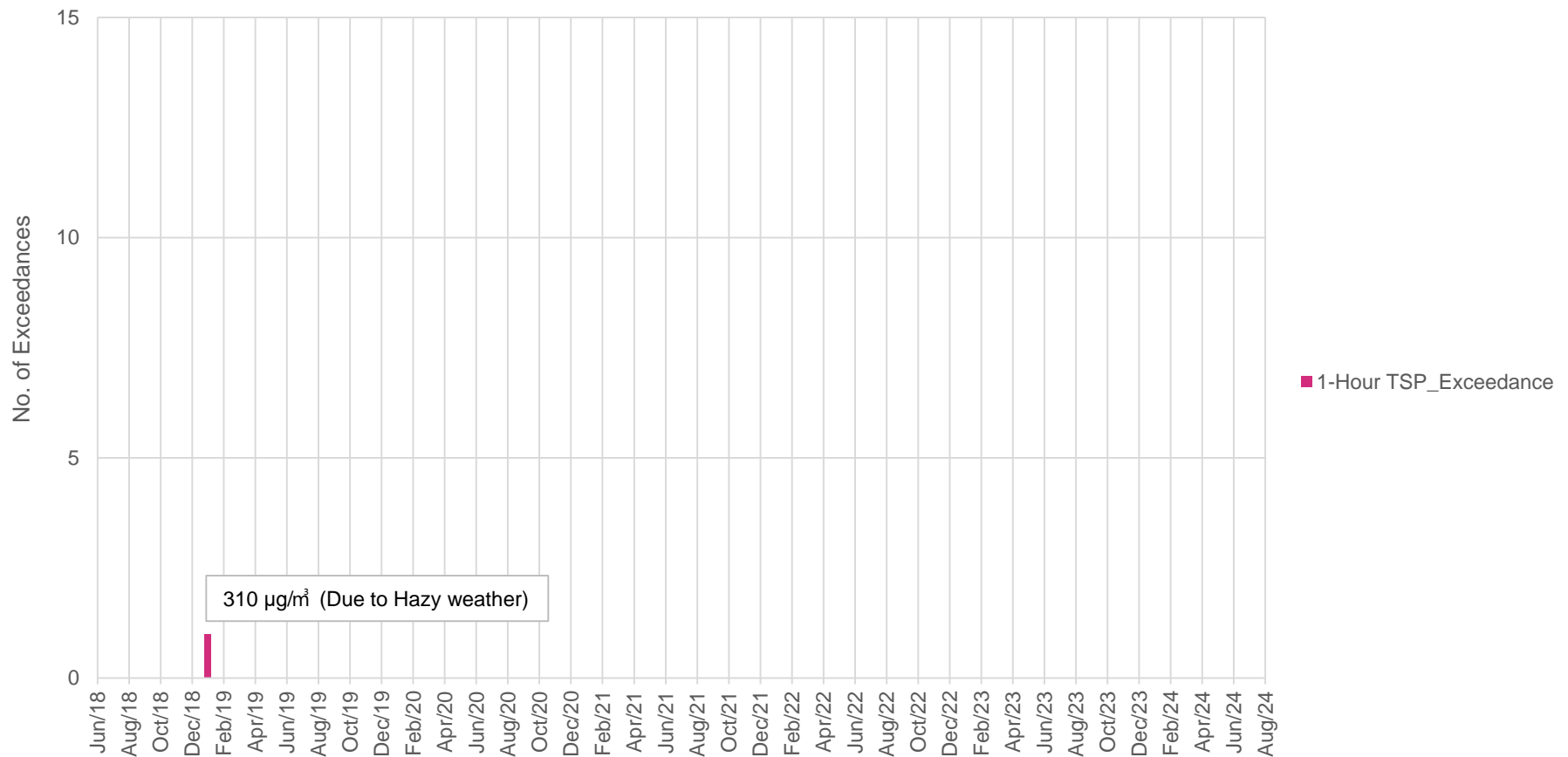
No project-related exceedance
was recorded.



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



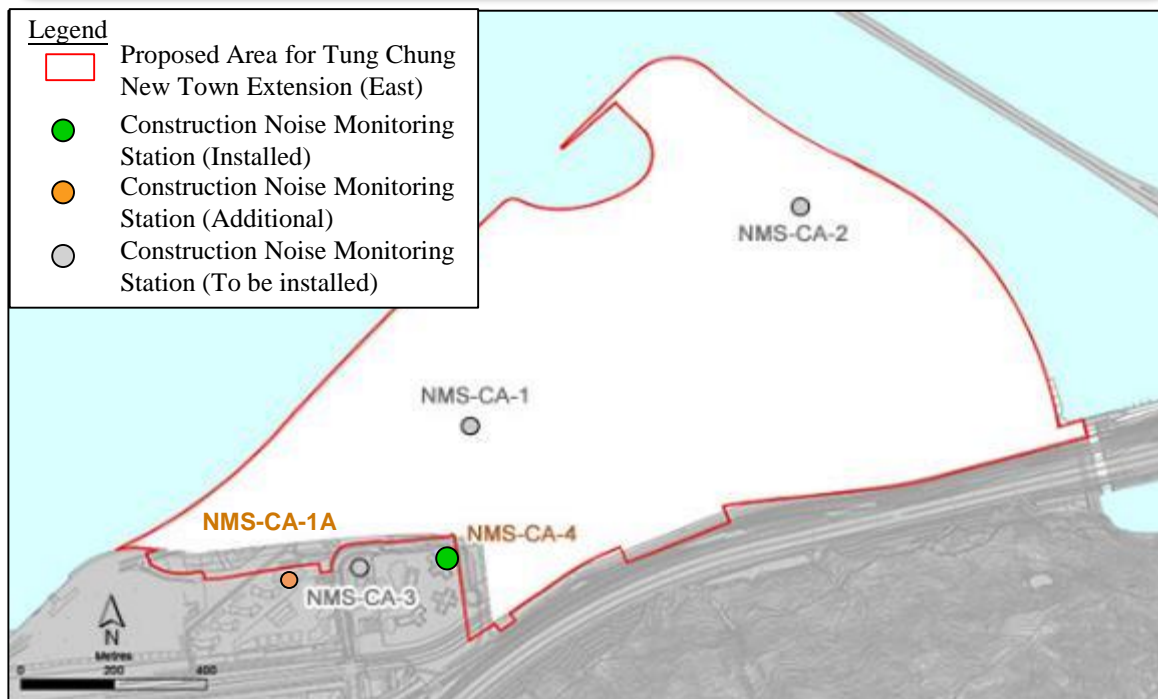
EM&A Monitoring – Noise



Noise Monitoring

Frequency Once per week

Monitoring Parameter L_{eq} (30mins)



Monitoring Results between Mar and Aug 2024

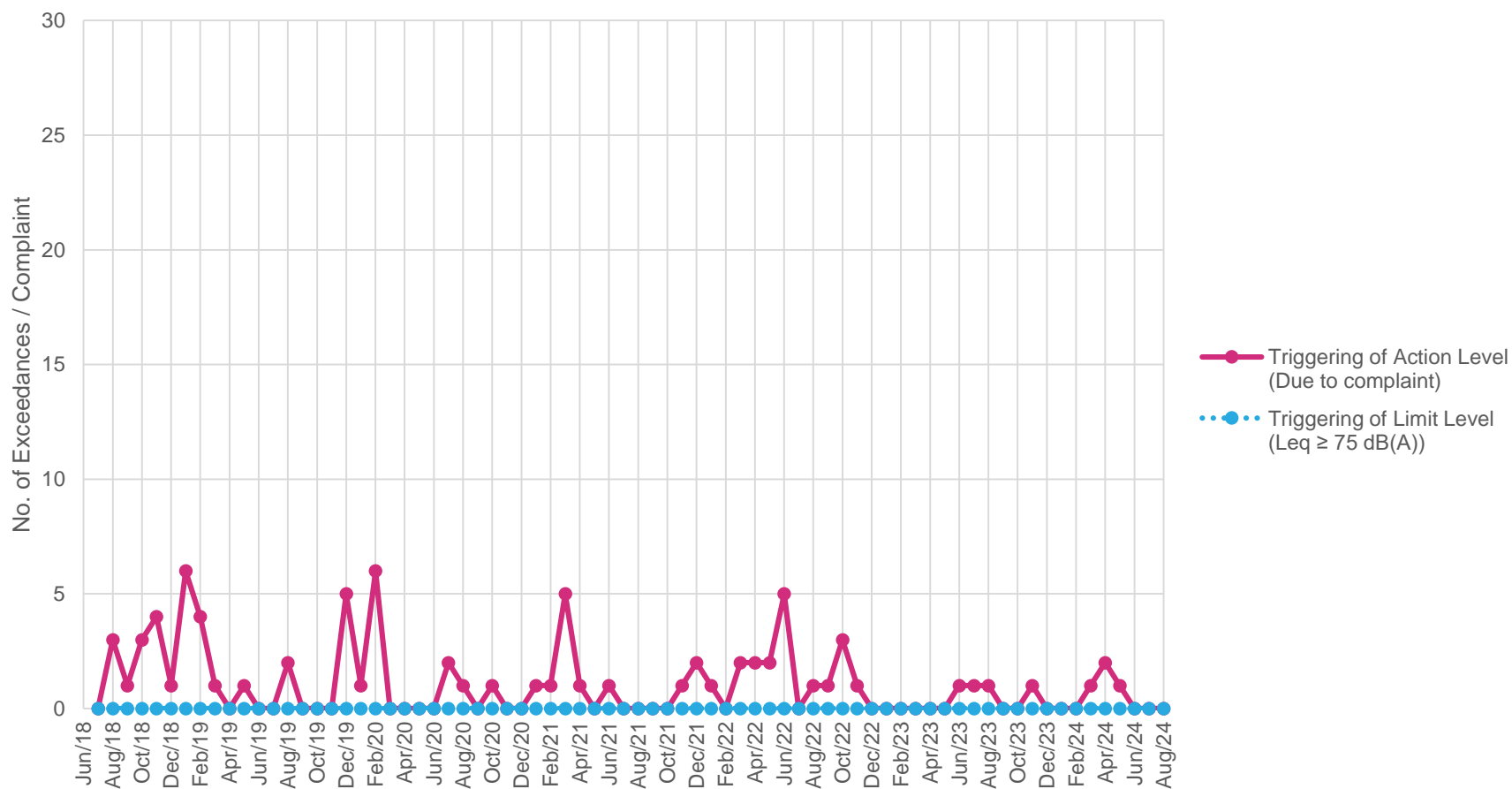
Results of noise monitoring indicated that noise levels were within acceptable level (75dBA)



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

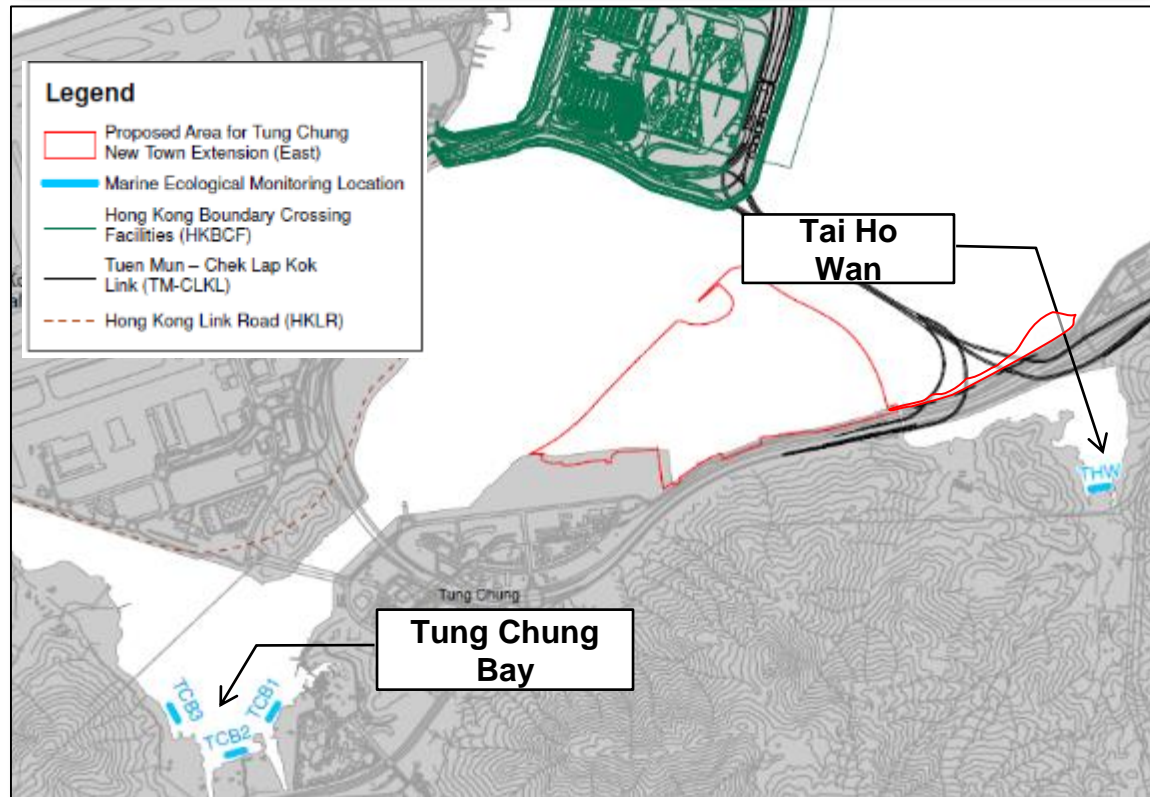


EM&A Monitoring – Ecology



Ecological Monitoring

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



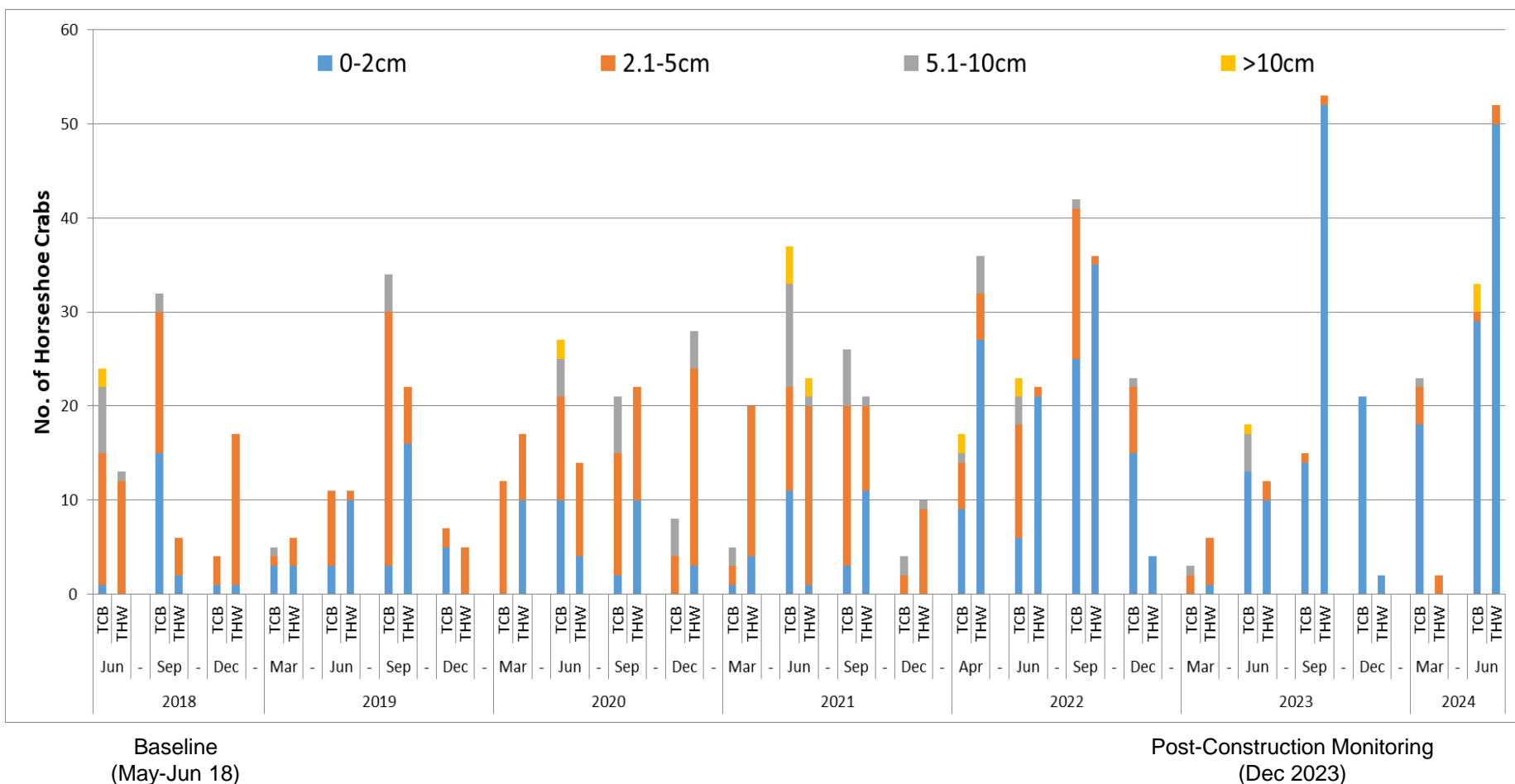
Monitoring Results between Mar and Jun 2024

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



Complaint received

Date	Water	Air	Noise	Others (Light, Waste, Ecology)
March 2024	0	0	2	0
April 2024	0	0	3	0
May 2024	0	2	0	0
June 2024	0	0	1	0
July 2024	0	1	0	0
August 2024	1	2	0	0
September 2024	0	2	0	0
Categories for recent complaints	<ul style="list-style-type: none"> Plume near seawall 	<ul style="list-style-type: none"> Dust Ying Hei Road 	<ul style="list-style-type: none"> Noise at night and during restricted hours 	

An aerial photograph of Tung Chung West, showing a dense cluster of high-rise apartment buildings on the left, a railway line running through the center, and a body of water on the right. The background features a large, forested mountain.

3. Tung Chung West

a) Matters Arising from Last Meeting - Nil

3. Tung Chung West

b) Overview and Progress

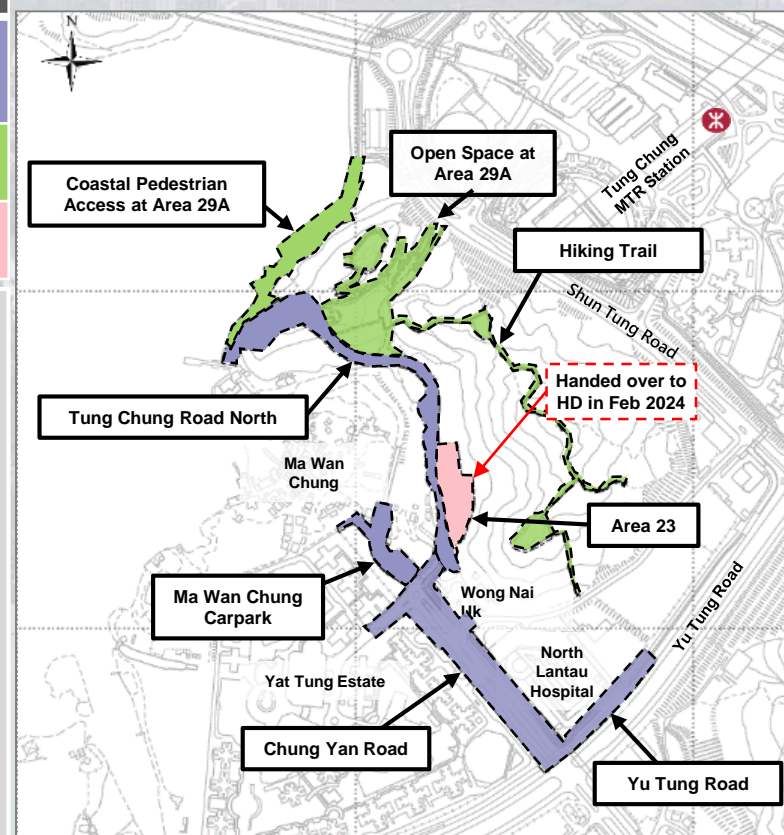
Contract No. NL/2020/05 – Site Formation & Infrastructure Works at Ma Wan Chung

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
3	Site Formation of Area 23 (Completed and handed over to Housing Department)

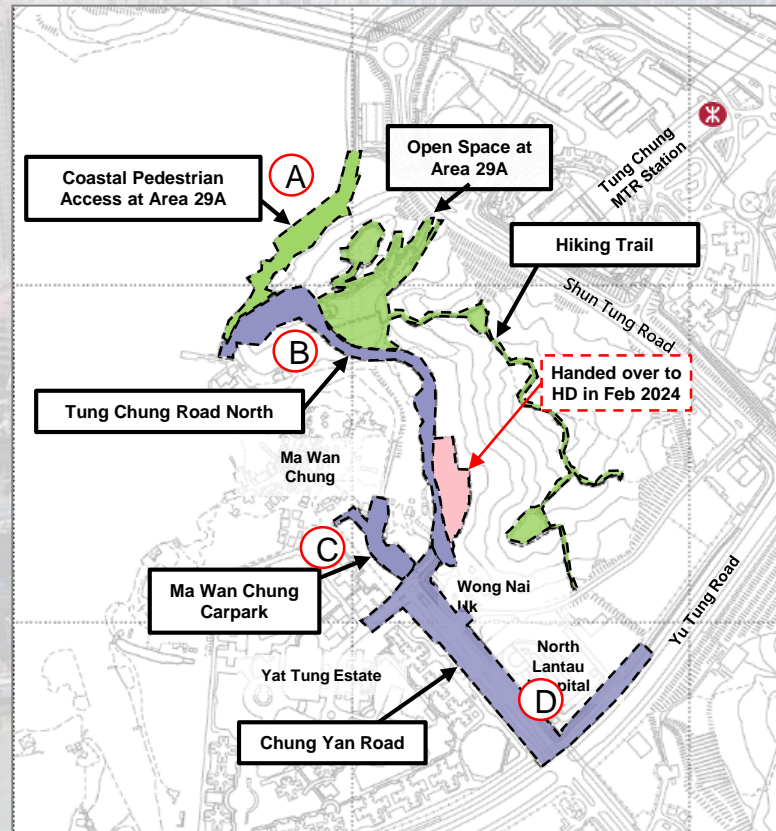
Contract Period : May 2021 to 2025

Major activities in coming three months :-

- Slope works at Tung Chung Road North
- Construction of underground utilities and road works at Ma Wan Chung Carpark, Yu Tung Road, Chung Yan Road & Tung Chung Road North
- Construction of covered walkway at Chung Yan Road
- Construction of retaining walls
- Upgrading works of existing hiking trail at Area 29A
- Construction of Coastal Pedestrian Access



Contract No. NL/2020/05 – Site Progress



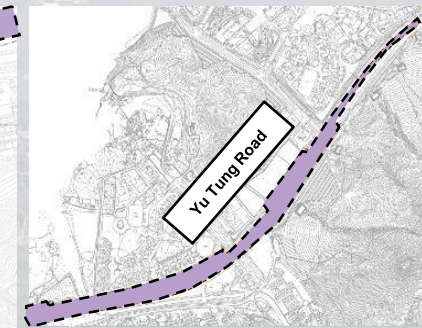
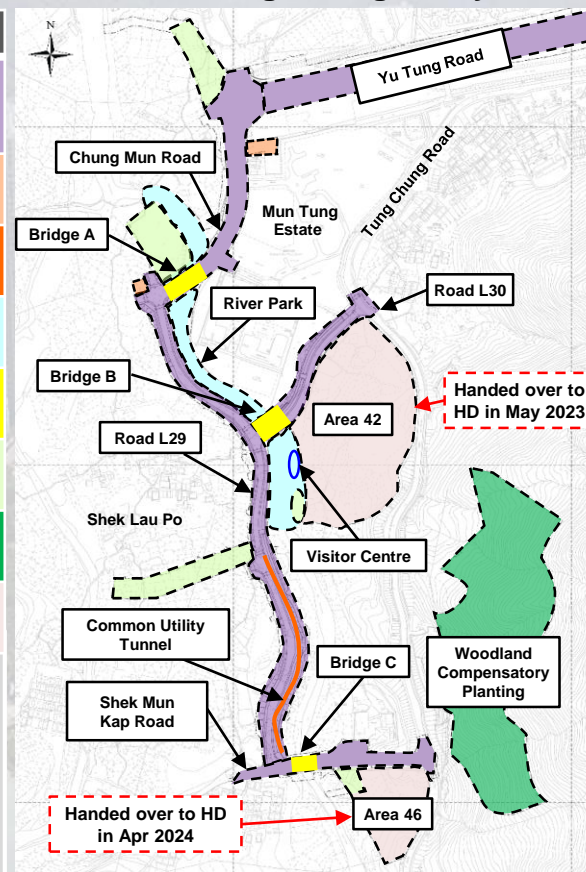
Contract No. NL/2020/06 – Site Formation and Infrastructure Works at Tung Chung Valley, Phase 1

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	Common Utility Tunnel
5	River Park & Visitor Centre
6	Bridges across Tung Chung Stream
7	Sustainable Urban Drainage System
8	Woodland Compensatory Planting (Completed)
9	Site Formation at Area 42 & Area 46 (Completed and handed over to HD)

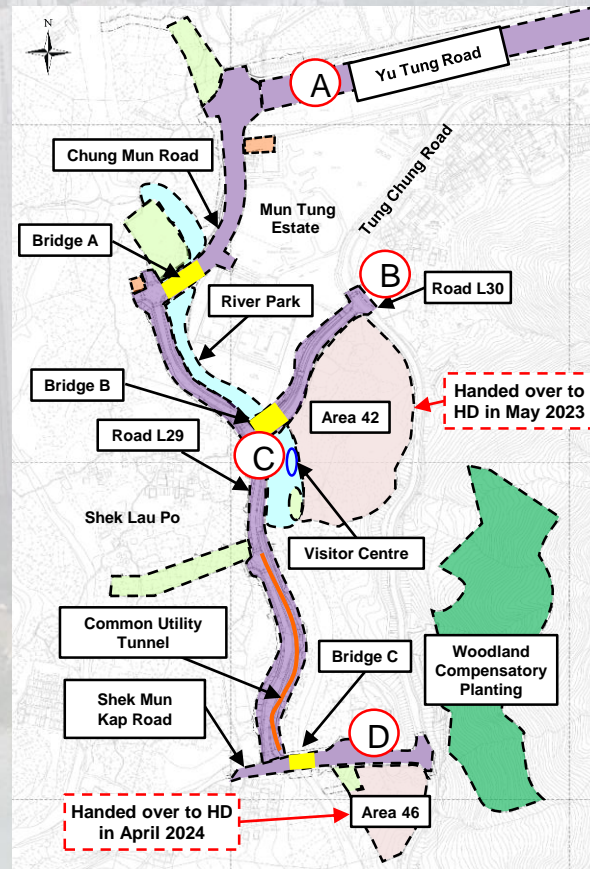
Contract Period : May 2021 to 2025

Major activities in coming three months :-

- Construction of underground utilities and road works at Yu Tung Road, Chung Mun Road, Road L29, Road L30 & Shek Mun Kap Road
- Construction of sewage pumping stations
- Construction of Common Utility Tunnel
- Construction of River Park and Visitor Centre
- Construction of bridges



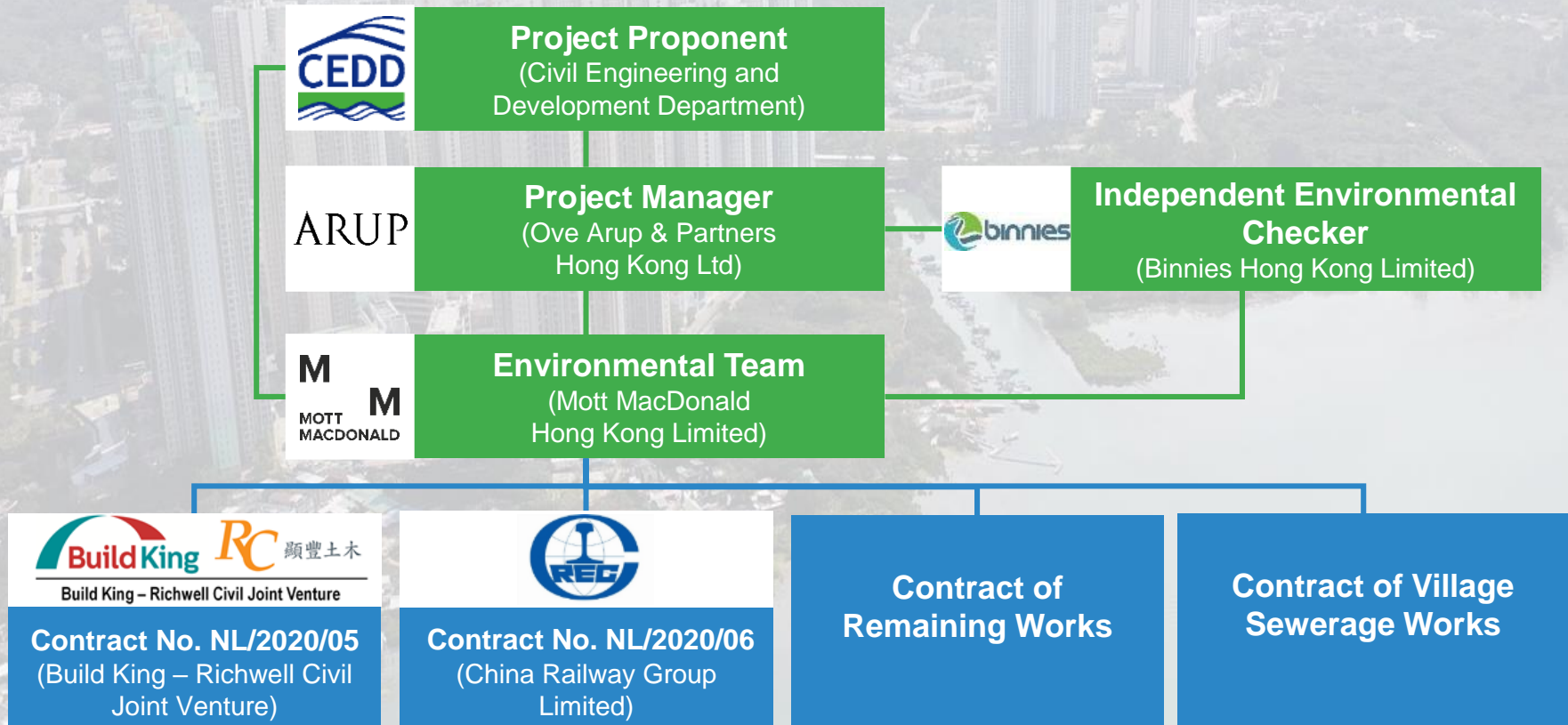
Contract No. NL/2020/06 – Site Progress



3. Tung Chung West

c) Environmental Monitoring and Audit

Management Organisation



Major Components of EM&A for the Project in TCW

Environmental Submissions to be made before and during the construction including:

- Complaint Management Plan
- Waste Management Plan
- 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
- Detailed Compensatory Woodland Planting Plan
- Plan for Review of Use of New Low Noise Road Surfacing Material(s)

Environmental Monitoring during the construction stage:

- Air Quality Monitoring
- Noise Monitoring
- Stream Water Quality Monitoring
- Ecology Monitoring (Stream Water, Fish Species and Aquatic Invertebrates)
- Regular Site Inspection

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

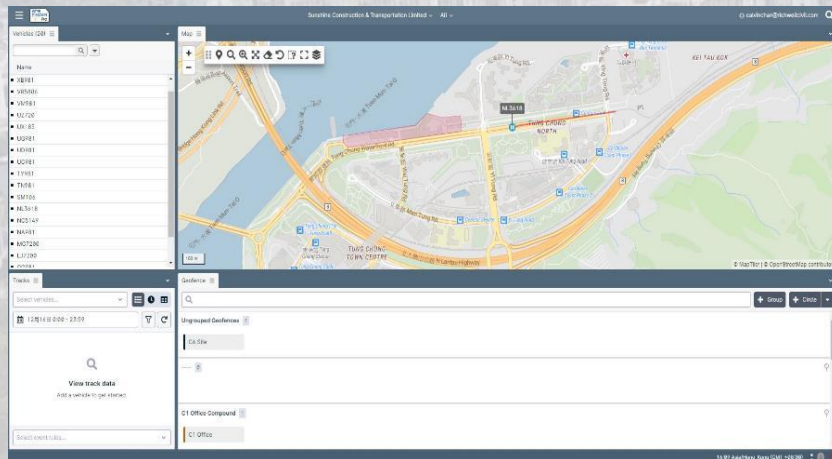


Concrete breaking by quieter method
(Rock Splitter)



Wastewater treatment facility

Environmental Mitigation Measures for Construction Activities (Cont'd)



Realtime tracking on the travelling routes of dump trucks

EP2020 B148958	<p>大龍源編號: 26151986 Chit No. 26151986</p> <p>選擇「✓」一類訂明設施: Tick (✓) One Prescribed Facility:</p> <p><input type="checkbox"/> 堆填區 Landfills <input type="checkbox"/> 廢物分類設施 Sorting Facilities <input type="checkbox"/> 公眾廢料接收設施 Public FRI Reception Facilities <input type="checkbox"/> 離島廢料轉運設施 Outlying Islands Transfer Facilities</p> <p>車牌號碼 Vehicle Registration Mark:</p> <p>使用日期: _____ Date of Use:</p> <p>簽發人: _____ Issued by:</p> <p>建築物料產生地點: _____ Construction Waste Generated Site: TUNG CHUNG VALLEY</p>	<p>大龍源編號: 26151986 Chit No. 26151986</p> <p>選擇「✓」一類訂明設施: Tick (✓) One Prescribed Facility:</p> <p><input type="checkbox"/> 堆填區 Landfills <input type="checkbox"/> 廢物分類設施 Sorting Facilities <input type="checkbox"/> 公眾廢料接收設施 Public FRI Reception Facilities <input type="checkbox"/> 離島廢料轉運設施 Outlying Islands Transfer Facilities</p> <p>車牌號碼 Vehicle Registration Mark:</p> <p>使用日期: _____ Date of Use:</p> <p>簽發人: _____ Issued by:</p> <p>帳戶名稱: _____ Name of the Account-holder: CHINA RAILWAY GROUP LIMITED</p>	<p>香港法例第354章廢物處理條例 廢物處理(建築物料或填土)條例 Waste Disposal (Construction Waste) Regulation Waste Disposal (Charge for Disposal of Construction Waste) Regulation</p> <p>載運入帳票 CHIT</p> <p>車牌號碼: _____ Vehicle Registration Mark:</p> <p>有效期限: _____ Valid Until:</p> <p>建築物料產生地點: _____ Construction Waste Generated Site: TUNG CHUNG VALLEY</p> <p>備註: * 請核對一切資料無誤(包括車牌號碼)。 * 載運人應備有圖章或號碼簿, 即作廢無效。 Name of the Account-holder: CHINA RAILWAY GROUP LIMITED</p> <p>帳戶編號: 7040815 Account No. 7040815</p> <p>乙部: 車牌號碼簿 Part B: Issued by Waste Tracker</p> <p>丙部: 車牌號碼簿 Part C: Issued by Construction</p>
	<p>12/01/18 00:00 - 23:59</p> <p>View track data Add a vehicle to get started</p> <p>Search over data...</p>	<p>11/01/18 00:00 - 23:59</p> <p>View track data Add a vehicle to get started</p> <p>Search over data...</p>	<p>12/01/18 00:00 - 23:59</p> <p>View track data Add a vehicle to get started</p> <p>Search over data...</p>

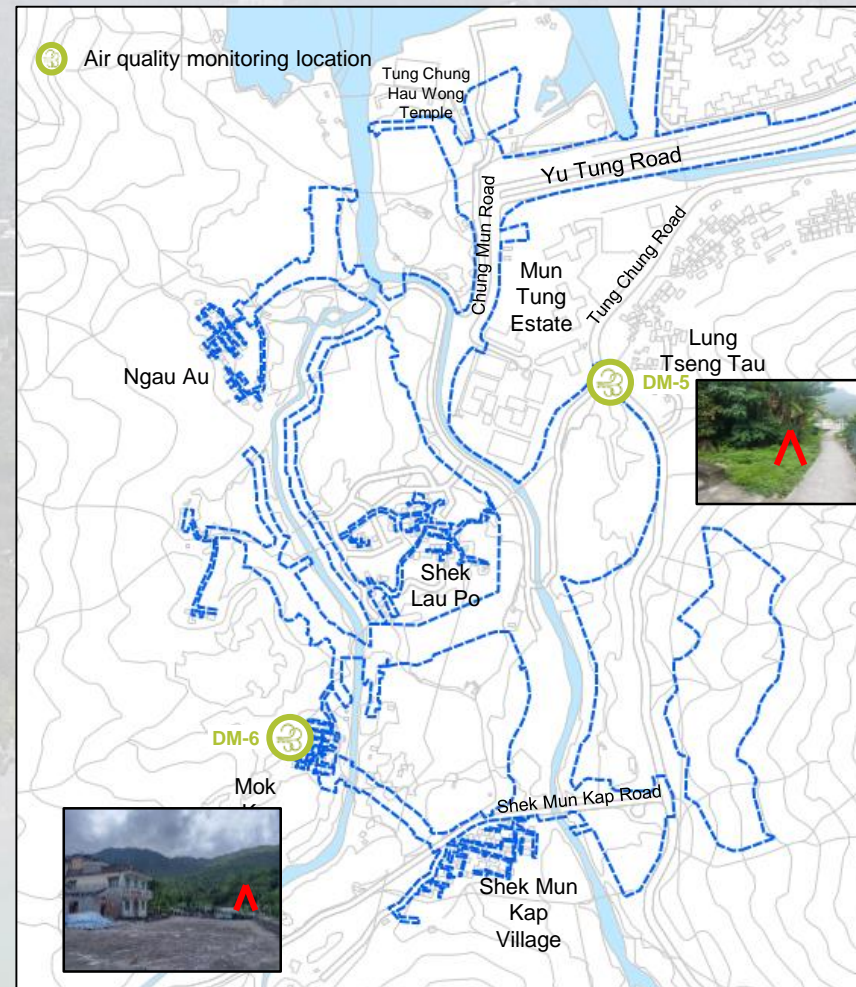
CHIT for waste disposal

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		

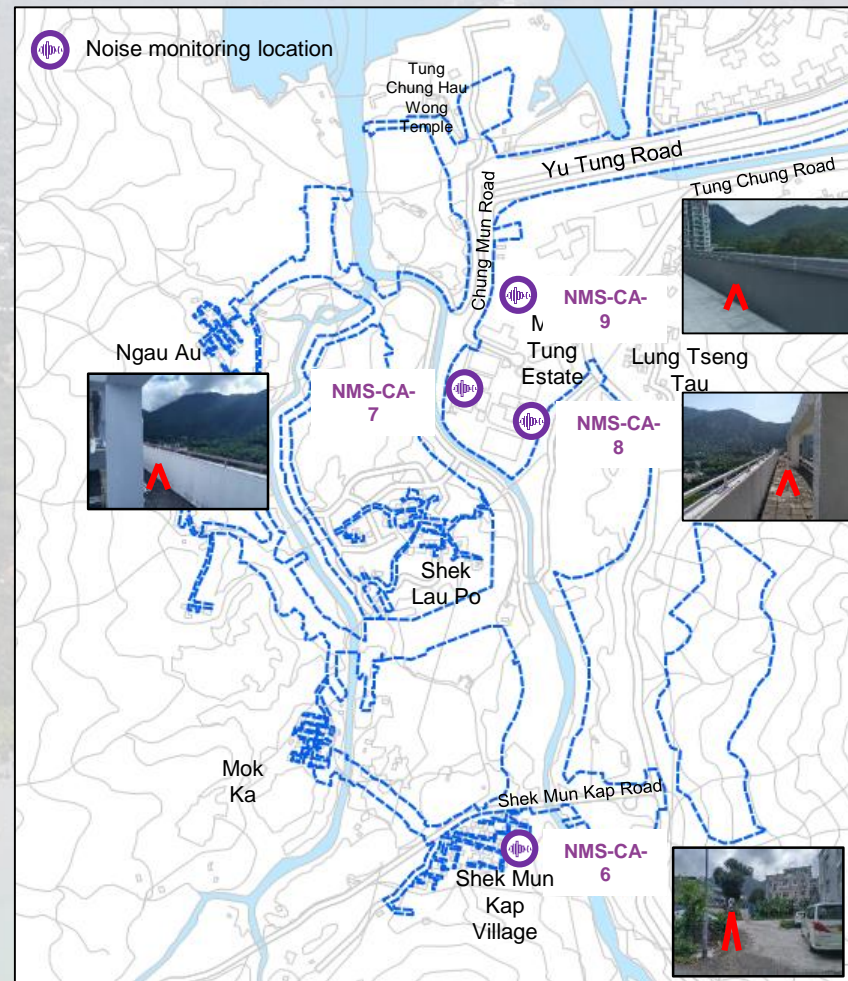
Monitoring Results from Mar 2024 to Aug 2024

No exceedance was recorded



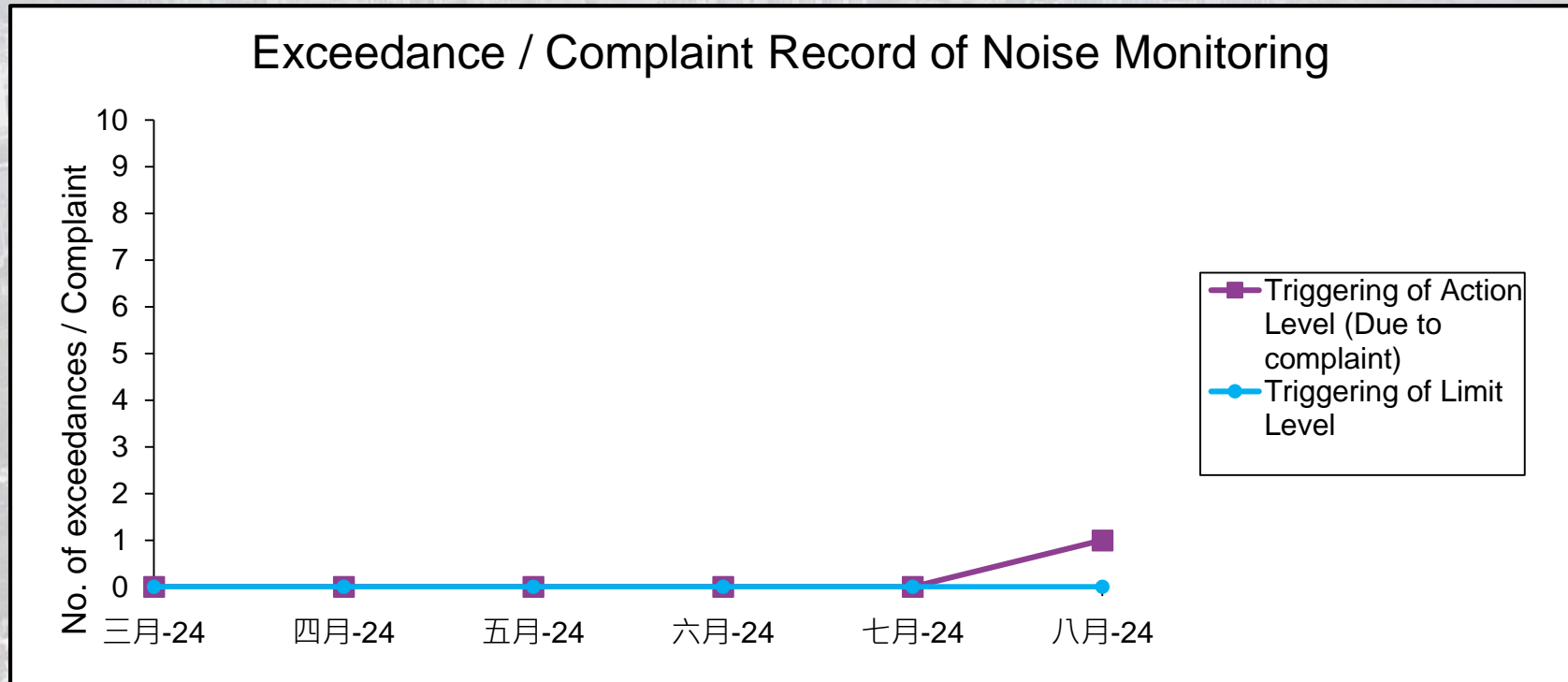
EM&A Monitoring – Noise

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		
NMS-CA-8	Caritas Charles Vath College (Roof Floor)		
NMS-CA-9	Hong Chi Shiu Pong Morninghope School (Roof Floor)		



EM&A Monitoring – Noise

Statistics of Exceedance from Mar 2024 to Aug 2024



1. Exceedance as recorded in the reporting period was due to the receipt of noise complaint.
2. No measurement exceedance in noise was recorded.
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

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)		



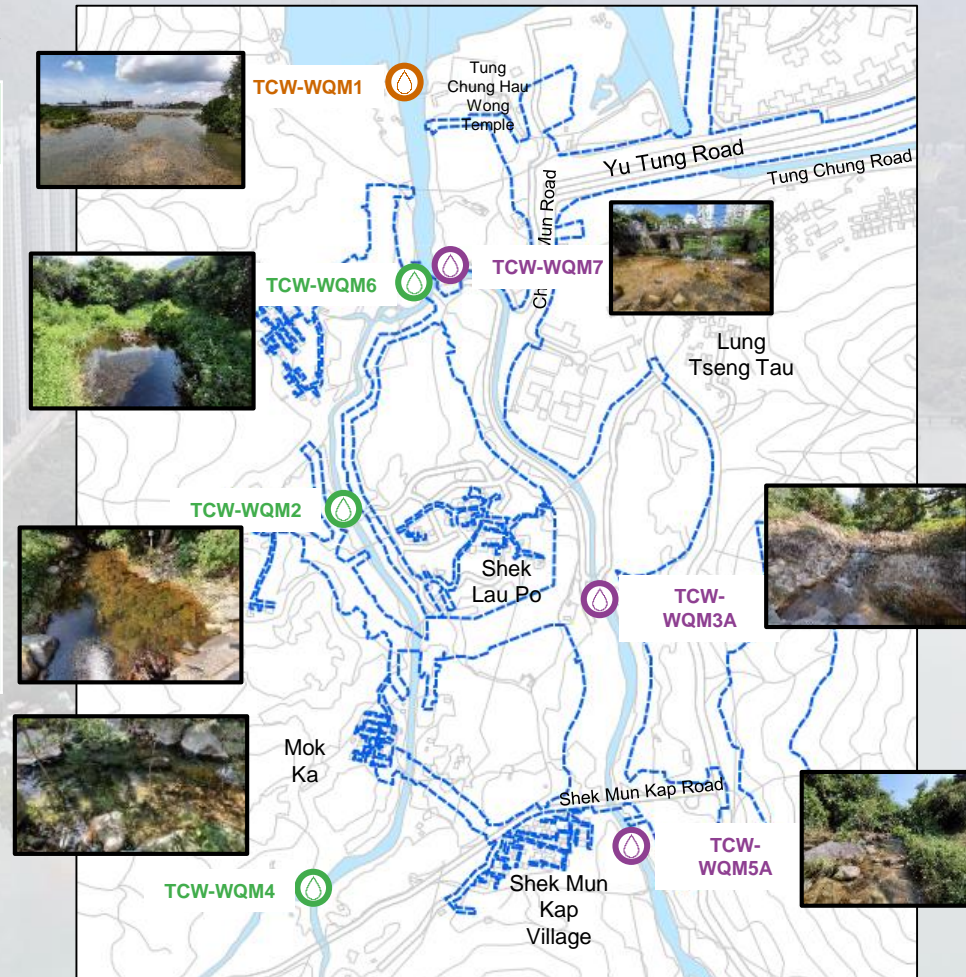
Stream water quality monitoring location (River Mouth)



Stream water quality monitoring location (West Tributary)

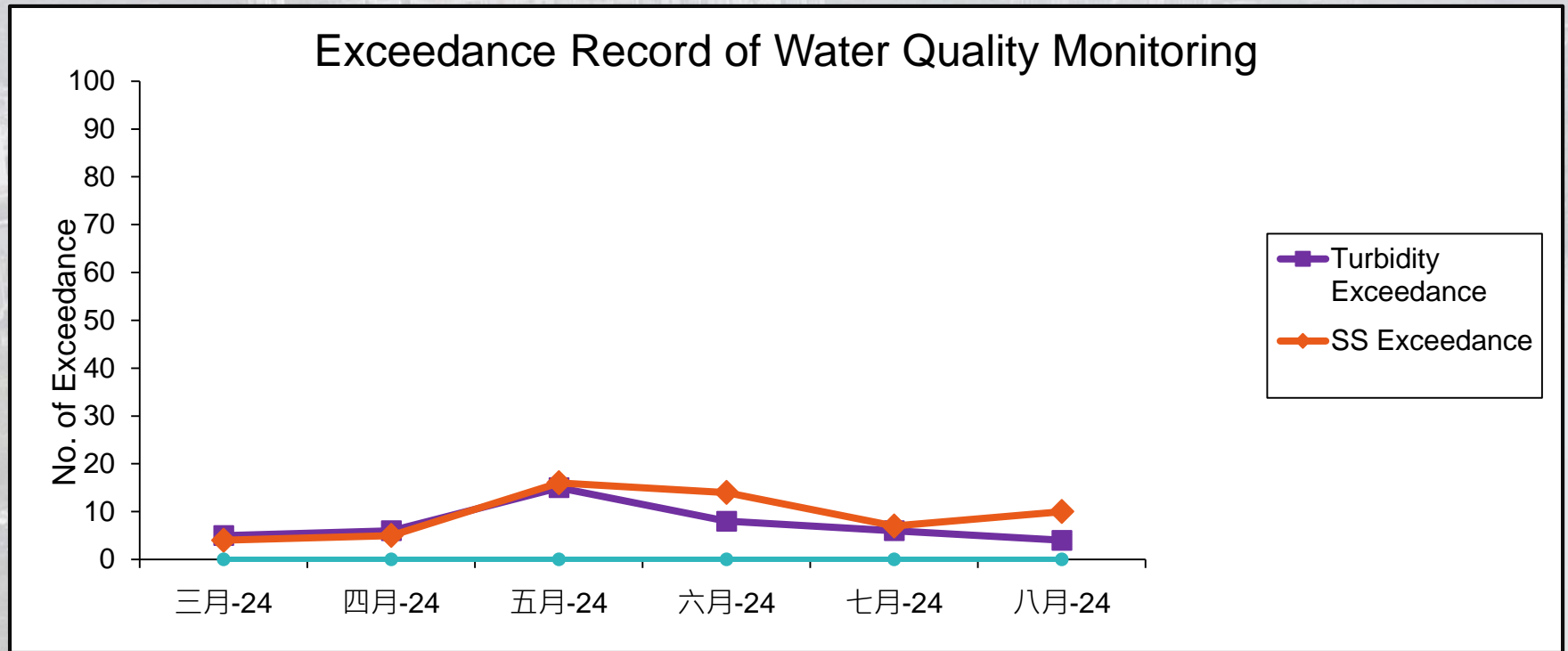


Stream water quality monitoring location (East Tributary)



EM&A Monitoring – Water Quality

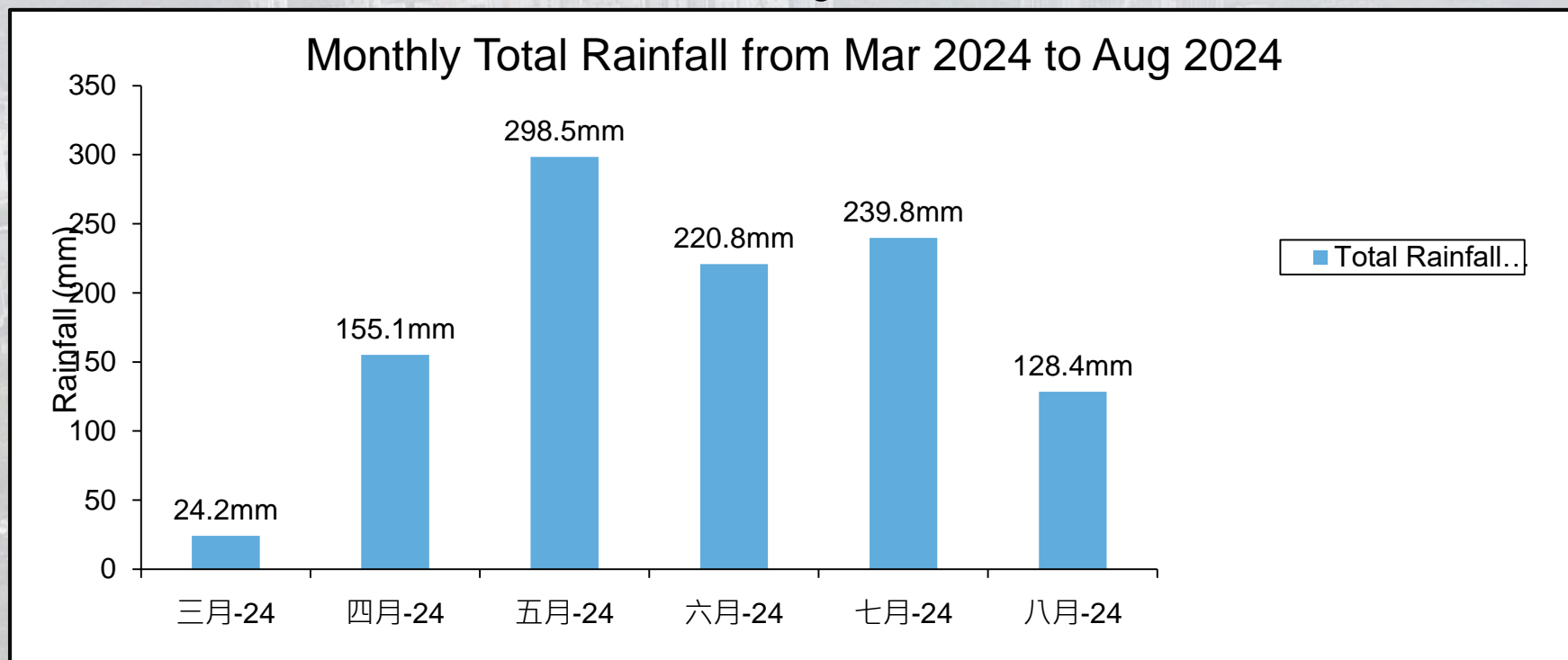
Statistics of Exceedance from Mar 2024 to Aug 2024



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 Mar 2024 to Aug 2024



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

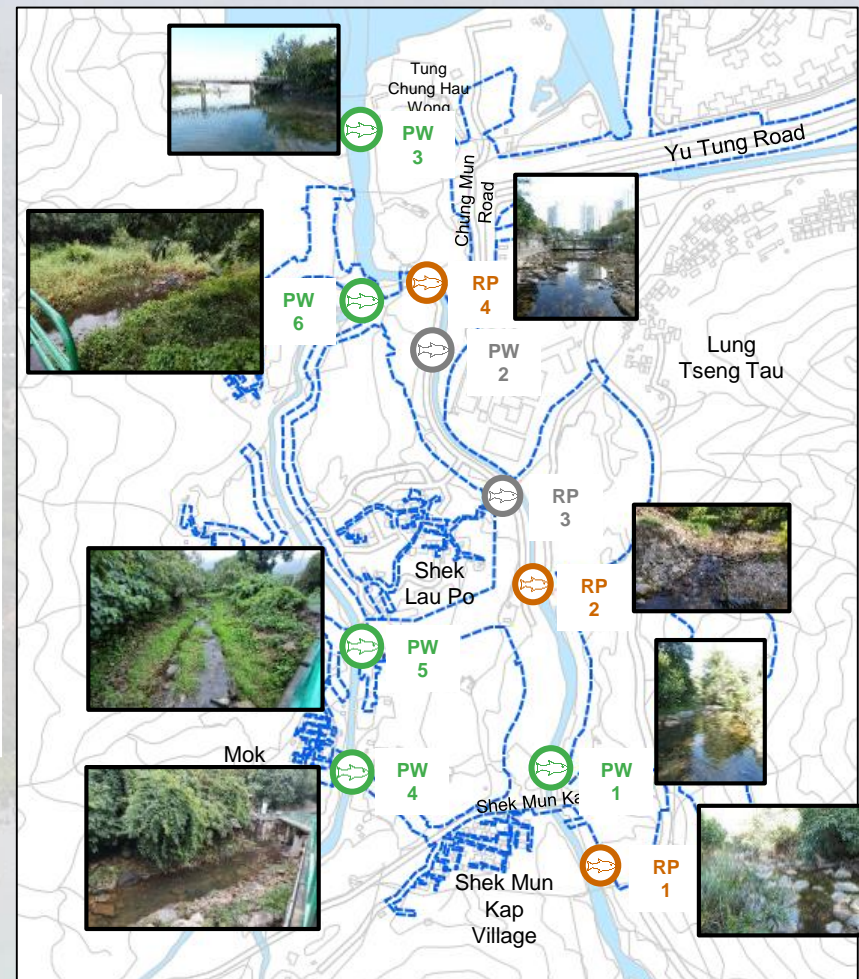
EM&A Monitoring – Ecology

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		Baseline monitoring was completed in Mar 2024
PW4	Near Public Works		
PW5	Near Public Works		
PW6	Near Public Works		

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

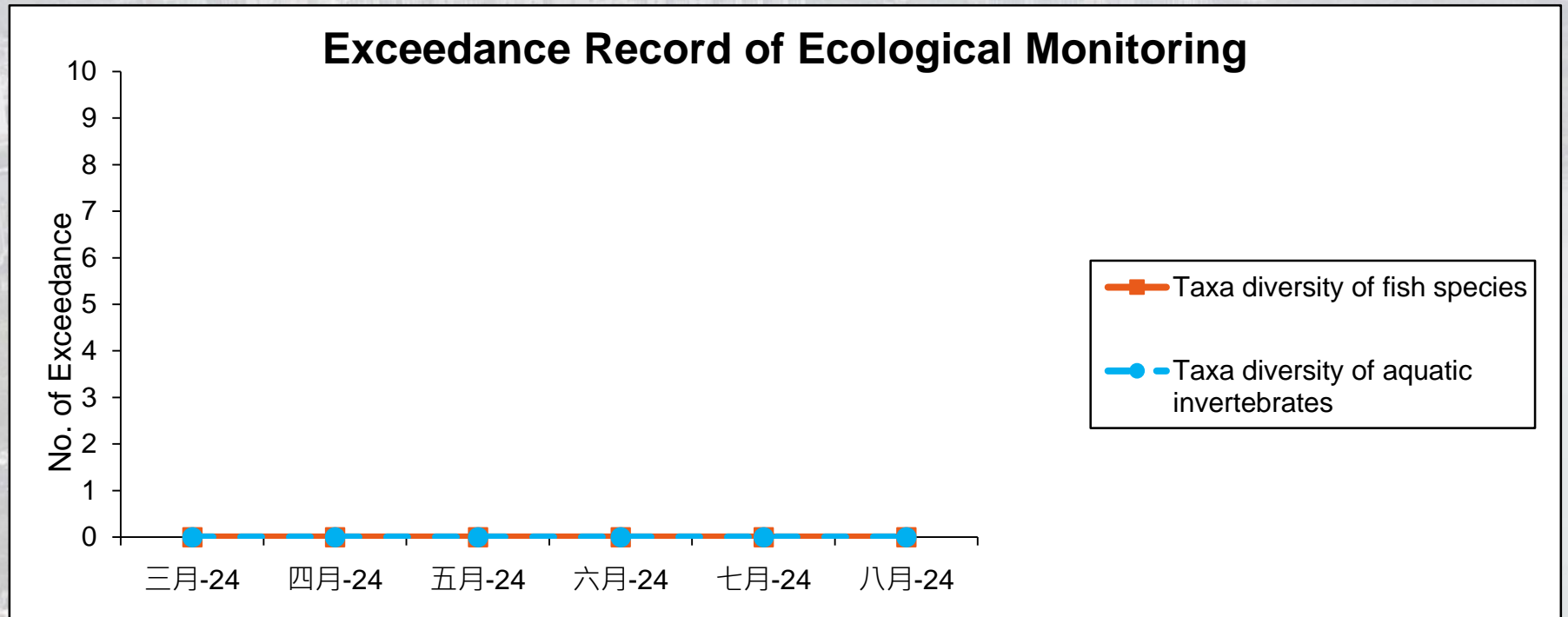
Ecological Monitoring at the monitoring station RP3 and PW2 were suspended since March 2023 with the commencement of temporary river diversion in Tung Chung Stream.



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

EM&A Monitoring – Ecology

Statistics of Exceedance from Mar 2024 to Aug 2024



No Exceedance

Complaint Received

Month	Air	Noise	Water	Others (Waste, Ecology, Landscape and Visual)
Mar-2024	0	0	1	0
Apr-2024	1	0	1	0
May-2024	0	0	0	0
Jun-2024	3	0	0	0
Jul-2024	0	0	0	0
Aug-2024	0	1	1	0
Sep-2024	0	1	0	0
Nature of Complaints	<ul style="list-style-type: none"> Construction dust from construction sites near YHKCC and Yu Tung Road 	<ul style="list-style-type: none"> Chung Yan Road construction site Site Office of TCW 	<ul style="list-style-type: none"> Suspected discharge at Tung Chung Stream Muddy water at Shek Mun Kap Road 	



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THANK YOU