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## **TEST REPORT**



## China Harbour Engineering Co Ltd

Contract No.: CV/2021/09 Handling of Surplus Public Fill (2022-2023)

TSEUNG KWAN O AREA 137 FILL BANK

QUARTERLY EM&A SUMMARY REPORT NO.10

(FROM APRIL 2024 TO JUNE 2024)

Prepared by:

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Assistant Environmental Officer

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Environmental Team Leader

Issue Date: 12 July 2024

Report No: ENA43758



### **UMWELT CONSULTING LIMITED**

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By Post

Our Ref : P231104-EMA-TKOFB-202406-V

Date : 17th July 2024

ETS-Testconsult Limited 8/F, Block B, Veristrong Industrial Centre, 34-36 Au Pui Wan Street, Fo Tan, NT

Attn: Mr. LAU Chi Leung

Environmental Permit (EP) No. EP-134/2002/Q

Fill Bank at Tseung Kwan O Area 137

Quarterly EM&A Report for April to June 2024

Dear Sir,

Pursuant to Condition 3.4 of Environmental Permit (EP) No. EP-134/2002/Q, please note the report "Tseung Kwan O Area 137 Fill Bank Quarterly EM&A Summary Report No.10 (From April 2024 to June 2024)" dated 12 July 2024 submitted under the EP, certified by the Environmental Team Leader on 12 July 2024, had been reviewed and is hereby verified.

Should you have any query, please feel free to contact the undersigned at 3756 9590 or ivanting@umwelt.consulting.

Your faithfully,

For and on behalf of:

**Umwelt Consulting Limited** 

Ting/o Chung Ivan

Independent Environmental Checker



Handling of Surplus Public Fill (2022-2023) Tseung Kwan O Area 137 Fill Bank ENA43758 Quarterly EM&A Summary Report No.10

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**EXECUTIVE SUMMARY** 

This is Quarterly Environmental Monitoring and Audit (EM&A) Summary Report No.10 prepared by ETS-Testconsult Ltd (ET) for the "Contract No: CV/2021/09 –Handling of Surplus Public Fill (2022-2023) – Tseung Kwan O (TKO) Area 137 Fill Bank" (The Project).

This report documents the findings of EM&A Works conducted during the operation phase of Fill Bank at Tseung Kwan O Area 137 from 01 April 2024 to 30 June 2024.

#### Site Activities

As informed by the Contractor, the site activities in this reporting quarter were as below:

#### April 2024

- 1. Operation of the Public Fill Reception Facilities at Tseung Kwan O Fill Bank (TKOFB);
- 2. Operation of dewatering plant at TKOFB;
- 3. Operation and Maintenance of Artificial Intelligent System for Crushing Number 2, 3 and 4 (Model QJ241) at TKOFB:
- 4. Operation of the Integrated Public Fill Reception (Fixed Rigid Platform) at TKOFB;
- 5. Operation and maintenance of Wheel Washing Bays and Facilities at TKOFB;
- 6. Operation and Maintenance of the Wash House at TKOFB:
- 7. Personnel Position Tracking and Proximity Detection System of Moving Plant at TKOFB;
- 8. Operation and Maintenance a Digital Works Supervision System (DWSS) for TKOFB;
- 9. Maintenance of the Drainage Systems at TKOFB;
- 10. Operation and Maintenance of crushing plants at TKOFB;
- 11. Delivery of Public Fill to Taishan at TKOFB;
- 12. Construction of Gabion Wall at TKOFB;
- 13. Implementation of C Easy system at TKOFB (Phase 1)
- 14. Carry out GCO Probe test and SRT
- 15. Operation of recycling public fill as blanket layer material of reclamation projects PMI No.70
- 16. Relocation works of soil platforms
- 17. PMI No. 89 Ground Investigation Works at TKOFB

#### May 2024

- 1. Operation of the Public Fill Reception Facilities at Tseung Kwan O Fill Bank (TKOFB);
- 2. Operation of dewatering plant at TKOFB;
- 3. Operation and Maintenance of Artificial Intelligent System for Crushing Number 2, 3 and 4 (Model QJ241) at TKOFB;
- 4. Operation of the Integrated Public Fill Reception (Fixed Rigid Platform) at TKOFB;
- 5. Operation and maintenance of Wheel Washing Bays and Facilities at TKOFB;
- 6. Operation and Maintenance of the Wash House at TKOFB;
- 7. Personnel Position Tracking and Proximity Detection System of Moving Plant at TKOFB;
- 8. Operation and Maintenance a Digital Works Supervision System (DWSS) for TKOFB;
- 9. Maintenance of the Drainage Systems at TKOFB;
- 10. Operation and Maintenance of crushing plants at TKOFB;
- 11. Delivery of Public Fill to Taishan at TKOFB;
- 12. Construction of Gabion Wall at TKOFB;
- 13. Implementation of C Easy system at TKOFB (Phase 1)
- 14. Carry out GCO Probe test and SRT
- 15. Operation of recycling public fill as blanket layer material of reclamation projects PMI No.70
- 16. Relocation works of soil platforms
- 17. PMI No. 89 Ground Investigation Works at TKOFB

### June 2024

- 1. Operation of the Public Fill Reception Facilities at Tseung Kwan O Fill Bank (TKOFB);
- 2. Operation of dewatering plant at TKOFB;
- 3. Operation and Maintenance of Artificial Intelligent System for Crushing Number 2, 3 and 4 (Model QJ241) at TKOFB:
- 4. Operation of the Integrated Public Fill Reception (Fixed Rigid Platform) at TKOFB;
- 5. Operation and maintenance of Wheel Washing Bays and Facilities at TKOFB;
- 6. Operation and Maintenance of the Wash House at TKOFB:
- 7. Personnel Position Tracking and Proximity Detection System of Moving Plant at TKOFB;
- 8. Operation and Maintenance a Digital Works Supervision System (DWSS) for TKOFB;
- 9. Maintenance of the Drainage Systems at TKOFB;
- 10. Operation and Maintenance of crushing plants at TKOFB;
- 11. Delivery of Public Fill to Taishan at TKOFB;
- 12. Construction of Gabion Wall at TKOFB;
- 13. Implementation of C Easy system at TKOFB (Phase 1)
- 14. Carry out GCO Probe test and SRT
- 15. Operation of recycling public fill as blanket layer material of reclamation projects PMI No.70



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16. PMI No. 94 - Post Geotechnical Monitoring at TKOFB

17. Relocation works of soil platforms

18. PMI No. 89 - Ground Investigation Works at TKOFB

Dump truck traffic and hauling activities at Barge Handling Area (BHA) were the major dust sources. Barge delivery of fill material was also undertaken in the reporting quarter. Besides the Fill Bank operation, the other dust sources near TKO Area 137 also included operation of C&DMSF and dumping activities at the SENT Landfill.

The desilting facilities were in proper operation to avoid silt discharge and the silt curtains were properly installed. There was no sediment plume observed during the monitoring events.

The major noise sources during the reporting quarter were the dump truck traffic and construction activities near the site egress. Noise impact on the sensitive receivers was insignificant in the reporting quarter according to the results of noise monitoring and site inspections.

#### **Environmental Monitoring Works**

#### **Noise Monitoring**

No exceedance of Action and Limit levels for noise monitoring was recorded in the reporting quarter.

#### Air Monitoring

No exceedance of Action and Limit levels was recorded for 1-hr and 24-hr TSP monitoring in this quarter.

#### Marine Water Quality Monitoring

According to the summary of marine water monitoring results, no exceedance of Action and Limit levels was recorded in this reporting quarter.

#### Environmental Complaints, Notification of summons and successful prosecutions

No complaint, notification of summons or successful prosecutions with respect to environmental issues was received in this quarter.



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#### 1.0 INTRODUCTION

China Harbour Engineering Co Ltd (CHEC) appointed Environmental Team (ET) of ETS-Testconsult Limited (ETL) to undertake the Environmental Monitoring and Audit (EM&A) for the "Contract No: CV/2021/09 –Handling of Surplus Public Fill (2022-2023) – Tseung Kwan O (TKO) Area 137 Fill Bank" (The Project).

In accordance with the Environmental Permit (No.: EP-134/2002/Q) (the EP), an EM&A programme should be implemented in accordance with the procedures and requirements in the EM&A Manual of the approved EIA report (Registration No. AEIAR-060/2002). The EM&A programme for this study as stated in Section 2.3.1 of the EM&A Manual covers the following environmental aspects during the establishment, operation and removal phases of the Fill Bank at Tseung Kwan O Area 137:

- Fugitive Dust:
- Noise generation from onsite activities;
- Water Quality; and
- Landscape and Visual.

The EM&A programme requires environmental monitoring for air quality, noise and water quality and environmental site inspections for air quality, noise, water quality, landscape and visual, and waste management. The EM&A requirements for each parameter described in the following sections include:

- All monitoring parameters;
- Monitoring schedules for the reporting month and forthcoming months;
- Action and Limit levels for all environmental parameters:
- Event/Action Plans;
- Environmental mitigation measures, as recommended in the Project EIA study final report; and
- Environmental requirements in contract documents.

Baseline monitoring was completed in August and September 2002 by MateriaLab. Action and Limit Levels were established for air and water quality parameters based on the baseline monitoring results.

This quarterly report documented the findings of EM&A Works conducted during the operation phase of Fill Bank at Tseung Kwan O Area 137 from April 2024 to June 2024.

#### 2.0 PROJECT INFORMATION

#### 2.1 Scope of the Project

The scale and scope of the Project as stated in the EP include:

- Site clearance:
- Construction of a temporary storm water system;
- Stockpiling of 6 million m<sup>3</sup> of public fill;
- Setting up two barging points: one at the Tseung Kwan O Basin (TKO Basin) and one at the Construction and Demolition Material Sorting Facility (C&DMSF) for transporting the stockpiled public fill by barges;
- Construction and operation of a Construction and Demolition Material Sorting Facility (C&DMSF);
- Setting up a Construction and Demolition Material Crushing Facility at the TKO Basin; and
- Remove the temporary fill bank.

## 2.2 Site Description

Tseung Kwan O Area 137 is located at the southern end of Wan Po Road. In the vicinity of the site are other industrial uses such as SENT landfill, TKO Industrial Estate, etc. Both Island Resort and Fullview Garden are also situated at more than 1.8km from the site. Other existing ASRs and NSRs, including resident developments and schools, are located at a further distance away from TKO Area 137.

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#### 2.3 Work Programme

Details of work programme in this quarter are shown in Appendix G.

#### 2.4 Project Organization and Management Structure

The project organization chart is shown in Appendix A.

#### 2.5 Contact Details of Key Personnel

The key personnel contact names and telephone numbers are shown in Table 2.1.

Table 2.1 Contact Details of Key Personnel

Organization Name of Key S		Project Role	Tel. No.	Fax No.
CEDD	Mr. C W Au Yeung, Andrew Cheung	Engineer's Representative	2623 9267 / 2762 5588	2714 0113
IEC (Umwelt)	Mr. Ivan Ting	IEC	3756 9590	3582 3310
Contractor (CHZH-JV) Zhou Chang Ying		Senior Project Manager	96266299	22474108
ET (ETL)	C. L. Lau	ET Leader	2946 7791	2695 3944

#### 3.0 SUMMARY OF EM&A REQUIREMENTS

#### 3.1 EM&A Programme

The EM&A programme required environmental monitoring for air quality, noise and marine water quality and environmental site inspections for air quality, noise, marine water quality, landscape and visual, and waste management. The EM&A requirements for each parameter described in the following sections include:

- All monitoring parameters;
- Monitoring schedules for the reporting month and forthcoming months;
- Action and Limit levels for all environmental parameters:
- Event/Action Plans;
- Environmental mitigation measures, as recommended in the Project EIA study final report; and
- Environmental requirements in contract documents.

The advice on implementation status of environmental protection and pollution control/mitigation measures is summarized in Section 5 of the Report.

## 3.2 Monitoring Stations and Parameters

The EM&A Manual designates several locations to monitor environmental impacts in terms of air quality, noise and water quality due to the Project. The description and detailed locations of monitoring stations for air quality, noise and marine water quality are shown in Figures 1, 2 and 3 and relevant sections of this Report.

#### 3.3 Monitoring Methodology and Calibration Details

All monitoring works were conducted and monitoring equipment was calibrated in according with the EM&A Manual.

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#### 3.4 Environmental Quality Performance Limits (Action/Limit Levels)

The environmental quality performance limits, i.e. Action/Limit Levels (AL Levels) were derived from the baseline monitoring results. If the measured environmental quality parameters exceed the AL Levels, the respective action plan will be implemented. The AL Levels for each monitoring parameter are given in Appendix E. The event action plan is given in Appendix F.

#### 3.5 Environmental Mitigation Measures

Relevant mitigation measures were recommended in the EM&A Manual for the Contractor to implement. A list of mitigation measures is given in Appendix H.

#### 4.0 MONITORING RESULTS

#### 4.1 Air Quality

In accordance with the EM&A Manual, 1-hr and 24-hr TSP air quality monitoring were conducted three times and once per six days correspondingly.

No exceedance of Action and Limit levels was recorded for 1-hr and 24-hr TSP monitoring in this quarter. The trend of air quality during the reporting quarter is present in Appendix B. Wind data included wind speed and wind direction were extracted from Tseung Kwan O Station of Hong Kong Observatory and presented in Appendix K.

Major dust sources in the Fill Bank were dump truck traffic and hauling activities at BHA.

Table 4.1 presents the number of exceedances recorded in each month of the reporting quarter. The number of monitoring event included regular monitoring events and additional ones.

Table 4.1 Summary of Number of Exceedances for 1-hr and 24-hr TSP Monitoring

	<u> </u>			
Monitoring	Level of	April 2024	May 2024	June 2024
Parameter	Exceedance			
24-hr TSP	No of monitoring	6	5	5
	events			
	Action Level	0	0	0
	Limit Level	0	0	0
1-hr TSP	No of monitoring	15	17	16
	events			
	Action Level	0	0	0
	Limit Level	0	0	0

Table 4.2 presents the 1-hr and 24-hr TSP averages in the baseline period and for each month in the reporting quarter. It was found that the 1-hr TSP averages at both stations in the reporting quarter were higher than the baseline levels but they were within the AL Levels. Besides, the 24-hr TSP average results were below the baseline level and within the AL Levels. As a result, the Contractor should provide more mitigation measures refer to the EM&A Manual to avoid dust generation.

Table 4.2 Comparison of Baseline and Various Period of Averaged 1-hr and 24-hr TSP Impact monitoring Results

Period	1-hr TSP (μg/m³)		24-hr TSP (μg/m³)	
renod	TKO-A1	TKO-A2a	TKO-A1	TKO-A2a
Baseline (29/08 – 13/09)	1	95	12	3
April 2024	241	244	139	141
May 2024	240	243	138	142
June 2024	254	257	140	143

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#### 4.2 Noise

Noise monitoring was required to be conducted at least once per month. Only daytime noise was monitored in the reporting guarter.

All recorded noise levels complied with the AL Levels. The registered noise levels in the past three months are plotted in Appendices C. Table 4.3 presents the limit level and average impact noise monitoring results during the reporting quarter.

Table 4.3 Summary of Impact Monitoring results of Noise Daytime Monitoring

Monitoring	Limit Level	April 2024	May 2024	June 2024		
Location		Leq, dB(A)				
TKO-N1	75	62.4	56.6	57.7		

The major noise sources in the reporting quarter were dump truck traffic and construction activities near the site egress. The noise impact was insignificant as the Fill Bank was remote from sensitive receivers.

### 4.3 Marine Water Quality

In accordance with the EM&A Manual, the marine water quality monitoring was conducted at the monitoring station (M4) and the control station (C1) in the reporting quarter.

Impact marine water quality monitoring was conducted three days per week. Measurements were taken at both mid-ebb and mid-flood tides at three depths (i.e. 1m below surface, mid depth and 1m above seabed). The AL Levels are included in Appendix E.

According to Environmental Permit (Permit no.:EP-134/2002/N) Condition 3.2, water quality survey/monitoring shall be conducted at control station C1a, monitoring stations M4a and M5 for the period from two weeks before commencement of operation of the additional 5 barging points to 4 weeks after cessation of their operation. The water quality survey/monitoring frequency and parameters at stations C1a, M4a and M5 shall be same as the requirements set out in the EM&A Manual and the monitoring results shall be incorporated in the monthly EM&A reports.

Due to "Hong Kong International Airport, Three Runway System Project Contract 3206 – Main Reclamation Works "(3RS project) operation of the additional barging point at TKO Area 137, the ET started monitoring events at the impact station M4a, M5 and the control station C1a from 14 May 2018 onwards.

Table 4.4 presents the total number of marine water quality exceedances in the reporting quarter. The trend of marine water quality in the past three months is depicted in Appendix D1.

Table 4.4 Total Number of Marine Water Quality Exceedances in the Quarter

Parameter	Exceedance Level	April 2024	May 2024	June 2024
Number of monitor	ing days	12	13	12
Dissolved	Action	0	0	0
Oxygen, DO (S&M)	Limit	0	0	О
Dissolved	Action	0	0	0
Oxygen, DO (B)	Limit	0	0	0
Turhidity	Action	0	0	0
Turbidity	Limit	0	0	0
Suspended	Action	0	0	0
Solids, SS	Limit	0	0	0
Total Number	Action	0	0	0
Exceedances	Limit	0	0	0

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Table 4.5 presents the total number of marine water quality exceedances (3RS project) in the reporting quarter. The trend of marine water quality in the past three months is depicted in Appendix D2.

Table 4.5 Total Number of Marine Water Quality Exceedances (3RS project) in the Quarter

Parameter	Exceedance Level	April 2024	May 2024	June 2024
Number of monitor	ing days	12	13	12
Dissolved	Action	0	0	0
Oxygen, DO (S&M)	Limit	0	0	0
Dissolved	Action	0	0	0
Oxygen, DO (B)	Limit	0	0	0
Turbidity	Action	0	0	0
	Limit	0	0	0
Suspended	Action	0	0	0
Solids, SS	Limit	0	0	0
Total Number	Action	0	0	0
Exceedances	Limit	0	0	0

A comparison between the quarterly mean/median of SS and the 1.3 times of the baseline mean was made for each tide at each station. The statistical analysis results are given in Appendix I1 and it shows that a generally better marine quality was recorded in the reporting quarter in respect to 130% of the baseline mean. Monitoring stations with significant difference (p<0.05) is summarized in Table 4.6.

Table 4.6 Summary of Statistically Significant Results of SS

Monitoring Station	Significant difference?		
	Mid-ebb	Mid-flood	
C1	0	0	
M4	0	0	

A comparison between the quarterly mean/median of SS and the 1.3 times of the baseline mean was made for each tide at each station. The statistical analysis results (3RS project) are given in Appendix I2 and it shows that a generally better marine quality was recorded in the reporting quarter in respect to 130% of the baseline mean. Monitoring stations with significant difference (p<0.05) is summarized in Table 4.7.

Table 4.7 Summary of Statistically Significant Results of SS (3RS project)

Monitoring Station	Significant difference?		
	Mid-ebb	Mid-flood	
C1a	X	X	
M4a	X	X	
M5	X	X	

#### 5.0 INSPECTION RESULTS

## 5.1 Implementation Status of Environmental Mitigation Measures

ET conducted weekly site inspections to monitor the Contractor's implementation of environmental mitigation measures. In this reporting period, thirteen weekly site inspections were conducted. After each site inspection, the Contractor was notified of ET's observations and recommendations. A corrective action plan detailing the environmental observations was prepared by ET and the Contractor then completed this plan to propose/report their remedial works.

Air quality was the major environmental issue in the reporting quarter. The Contractor generally implemented most of the environmental mitigation measures in the reporting quarter. Dump truck traffic was the major dust source in the Fill Bank. Generally, the Contractor implemented adequate

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dust mitigation measures in the reporting quarter including dampening of haul roads, water spraying on the truckloads, operation of automatic wheel washing facilities and mist spraying systems, dampening of fill material prior to handling or stockpiling, etc.

Dump truck traffic and construction activities near the site egress were the major noise sources. As the Fill Bank was remote from the nearby NSRs, the noise impact was minimal. The powered mechanical equipment were generally operated and maintained properly.

Regarding the observations about the damaged silt curtain, the Contractor was reminded to maintain the silt curtain properly to serve the function of refuse containment boom to confine floating refuse. Furthermore, Dust emission was found upward trend, the Contractor was reminded to increase the watering to avoid dust emission.

Although there were a few observations regarding dust control, such as fugitive dust emission and accumulation of fill materials, the Contractor rectified most of these problems. Besides, the Contractor should increase the site watering in order to minimize the fugitive dust emissions.

The germination rate on the panel was satisfactory in this reporting quarter. The Contractor was reminded to maintain the panel properly.

#### 5.2 Status of Environmental Licensing and Permitting

The status of licences and permits is summarized in Table 5.1.

Summary of environmental licensing and permit status Table 5.1 Description Permit No. Valid Month Section From То Environmental EP-31/10/23 01/01/27 Site clearance Permit 134/2002/ Construction of a temporary storm water system Stockpiling of 6 million m3 of public fill Setting up two barging points for transporting the stockpiled public fill by barges Setting up a temporary barging point at the existing Explosive Off-loading Barging Point for the month of May 2004 to December 2004 for transporting the stockpiled public fill by barge Construction of operation of a construction and Demolition Material Sorting Facility (C&DMSF) Setting up a Construction and Demolition Material Crushing Facility at the TKO Basin Remove the temporary fill bank Chemical Waste 5919-839-19/04/17 Spent battery cell containing heavy metals and Producer C3750-04 spent lubricating oil Effluent Discharge WT000411 06/06/22 30/06/27 Effluent, Surface Run-off, and all other License 69-2022 wastewater discharges from screen and sedimentation tank EP/MD/24-30/06/24 Marine Dumping 02/03/24 Approval for dumping 499,999 tons Permit 078 (approximately equal to 277,777 cu.m. bulked quantity) of Public Fill (Reclamation Materials) from Tseung Kwan O Area 137 Fill Bank and Tuen Mun Area 38 Fill Bank to designated dumping area at Guanghaiwan of Taishan

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Billing Account for Waste Disposal	7042821	22/05/17	End of Contract	
Notification Pursuant to Section 3(1) of the Air Pollution Control (Construction Dust)	475209	12/04/17	End of Contract	

#### 5.3 Advice on Solids and Liquid Waste Management Status

The Contractor usually disposed of non-inert waste, including general refuse and materials segregated from the existing stockpiles, to SENT landfill. Table 5.2 summarizes data on offsite waste disposal in the quarter.

Table 5.2 Estimated Offsite Waste Disposal in the Reporting Quarter

Waste Type	April 2024	May 2024	June 2024
Public Fill ('000m³)	0	0	0
C&D Waste (general refuse) ('000kg)	63.99	78.08	102.09
Chemical Waste (kg/L)	0 (L)	0 (L)	0 (L)

The site toilet and shower room and several chemical toilets were in use throughout the reporting quarter. Discharge from the site toilet and shower room was made to the additional drainage DP4 after passing through the sewage treatment system. A licensed collector also regularly collected waste from the chemical toilets.

#### 6.0 NON-COMPLIANCE OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMITS

#### 6.1 Summary of Non-compliance

In this reporting quarter, no exceedance of Action and limit levels on marine water quality was recorded.

No exceedances on 1-hour and 24-hour TSP monitoring results were recorded in this quarter.

Besides, no day-time noise level measured at the monitoring station exceeded the Action and Limit Level in this quarter.

#### 6.2 Review of the Reasons for and the Implications of Non-compliance

Since there was no exceedance recorded in this quarter, the review of the reasons for the non-compliance was not required.

#### 6.3 Summary of Actions Taken

Since there was no exceedance recorded in this quarter, no further action was not required to be taken.

## 6.4 Summary of Environmental Complaint, Notifications of Summons and Successful Prosecutions Handling

No complaint, notification of summon and successful prosecution was received in this quarter.

A summary of environmental complaints and prosecutions was given in Table 6.1.

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Table 6.1 Summary of Environmental Complaints and Prosecutions

Period	Complaints logged	Summon served	Successful Prosecution
April 2024	0	0	0
May 2024	0	0	0
June 2024	0	0	0
Cumulative	18	0	0

#### 7.0 COMMENTS, CONCLUSIONS AND RECOMMENDATION

In this quarter, major activity in the Fill Bank was the import and dumping of fill material. Air quality was the major environmental issue in the Fill Bank. Generally, the Contractor implemented most of the mitigation measures to minimize the dust impact.

No exceedance of Action and Limit levels was recorded for 1-hour and 24-hour TSP monitoring in this quarter.

No exceedance of Action and Limit Level of noise was recorded in this reporting quarter.

No exceedance of Action and limit level on marine water quality was recorded in this quarter

No complaint, notification of summon and successful prosecution was received in this quarter.

According to the ET weekly site inspection and IEC site audits carried out in this quarter, it was indicated that site practices of the Contractor were generally undertaken in an environmentally acceptable manner and the overall site environmental performance was up to standard. The Contractor generally implemented sufficient dust mitigation measures, including operation of the mist spraying systems, provision of automatic water sprinklers at the crushing plants and automatic wheel washing facilities, dampening of haul roads and stockpiling areas.

According to the environmental site inspections performed in this quarter, the following recommendations were provided:

#### Air Quality

- Ensure the frequency of water spraying on haul roads, unloading areas and stockpiles to be sufficient to suppress the dust sources;
- Provide proper maintenance for the powered mechanical equipment and barges to avoid emission of dark smoke;
- Provide water spraying onto the truckloads during inspection of fill material;
- Provide continuously water spraying system for crushing plant including receiving point and unloading point;
- Provide enclosed conveyor belt for transporting the crushed material directly to the unloading point
- Provide dust screen fenced for crushing plant, and the receiving point of crushing facility would be situated inside an enclosure with one side opening for vehicular access;
- Conduct road sweeping on all paved haul roads and public roads especially outside and near the site egress by the road sweeper. Undertake water spraying on stockpiling area by water boswer;
- Erect adequate speed limit signs to advise the truck drivers of the speed limit;
- Operate mist spraying systems and automatic water sprinklers in the Fill Bank;
- Implement the dust mitigation measures for the site activities;
- Designate proper haul roads to ensure effective water spraying; and
- Ensure all vehicles to be washed before leaving the site egress by provision, operation and maintenance of automatic wheel washing facilities.

#### Noise

- Conduct noisy activities at a farther location from the NSRs.
- Proper schedule of noisy operation and use of quiet machineries on site.

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Handling of Surplus Public Fill (2022-2023) Tseung Kwan O Area 137 Fill Bank ENA43758 Quarterly EM&A Summary Report No.10

### Water Quality

- Maintain the drainage system, including the trapezoidal channels, permanent desilting chambers, DP3 & DP4 regularly;
- Operate and maintain the silt curtains regularly;
- Operate the cleaning vessel within the TKO Basin regularly;
- Provide proper treatment for the oil discharge from the area near air monitoring station TKO-A1;
- Clean up the fill material on the concrete pavement at BHA frequently; and
- Remove the stagnant water or provide approved pesticides for the stagnant water in the permanent desilting chambers, if any.

#### Chemical and Waste Management

- Remove waste materials from the site to avoid accumulation regularly;
- Handle and store chemical wastes properly;
- Remove unwanted material in the existing stockpiles and avoid further dumping of such material;
- Provide and maintain sufficient drip trays for diesel drums, chemical containers, chemical waste storage drums and diesel operated generator set;
- Maintain mesh screen on top of the additional drainage, DP3 to avoid improper dumping of rubbish:
- Maintain good housekeeping at the workshop area;
- Ensure sufficient tarpaulin sheets are provided to cover drip travs; and
- Avoid soil being polluted during oil filling and equipment maintenance; hence, properly remove and store the contaminated soil, if any.

#### Landscape and Visual

- Provide hydroseeding on the exposed slopes, on which the final profile has been formed;
- Erect all the site hoarding/chaining fences in accordance with agreed design at proper location;
- Maintain the hydroseeding slopes in accordance with the Landscape Plan.

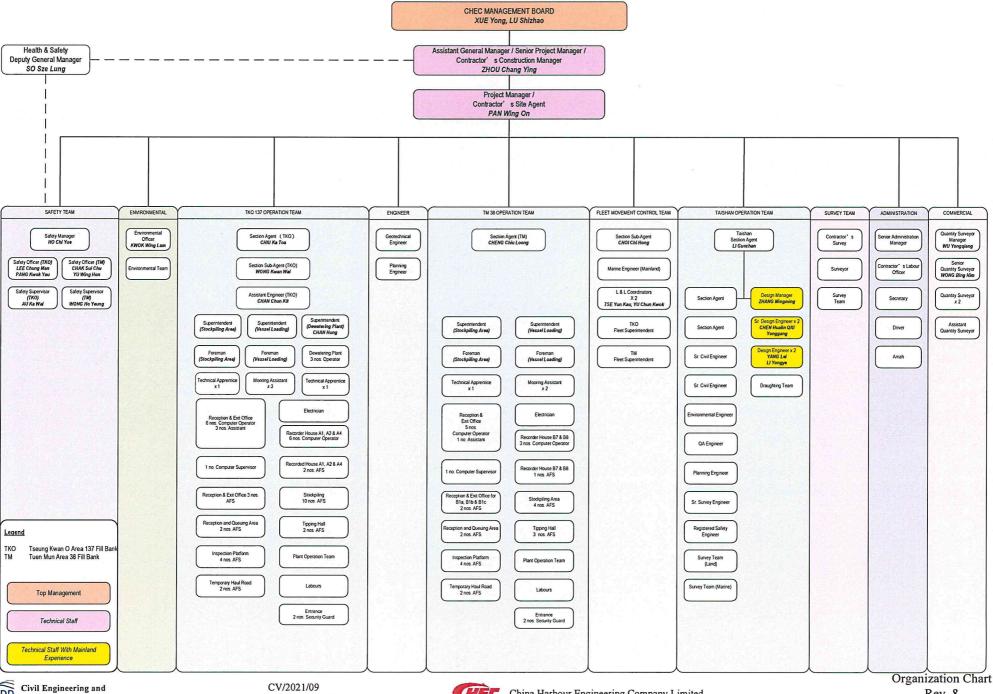
- END OF REPORT -

April 2024 to June 2024 Page 9 of 9



Α

**Organization Chart** 







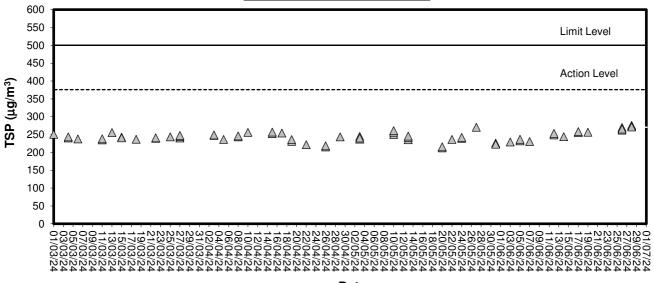


В

**Graphical Plots of Air Quality Monitoring Data** 

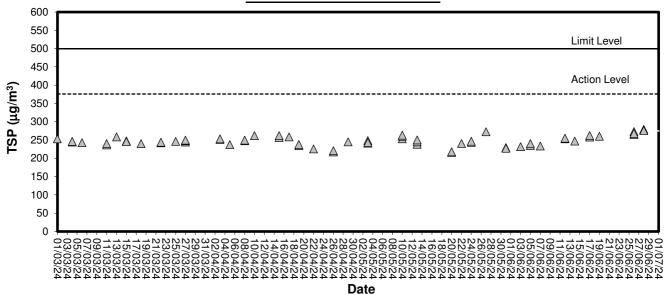


## 1-hour TSP level at TKO-A1



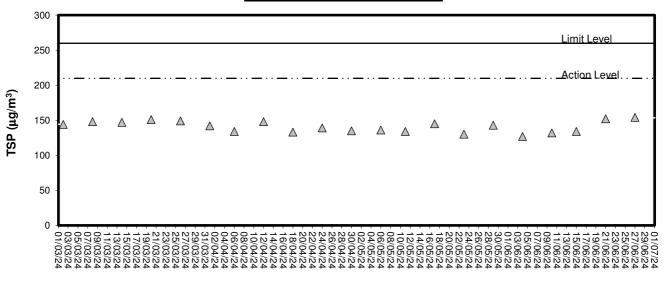
#### **Date**

## 1-hour TSP level at TKO-A2a



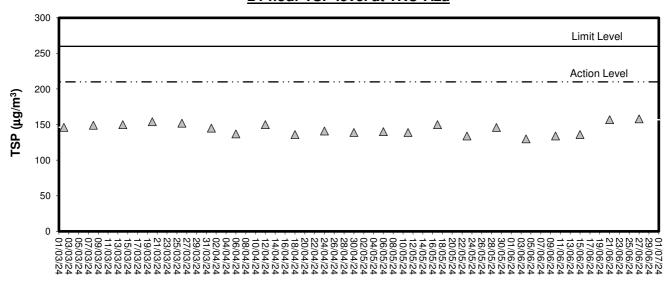


## 24-hour TSP level at TKO-A1



#### Date

### 24-hour TSP level at TKO-A2a



Date



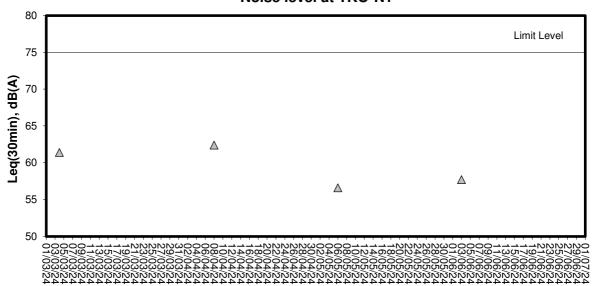
C

**Graphical Plots of Noise Monitoring Data** 



## Noise Monitoring (Day-time)

## Noise level at TKO-N1



Date

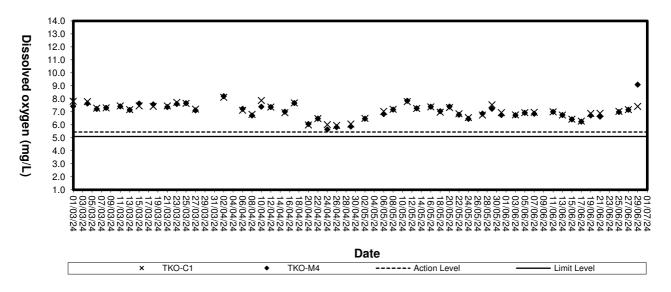


D1

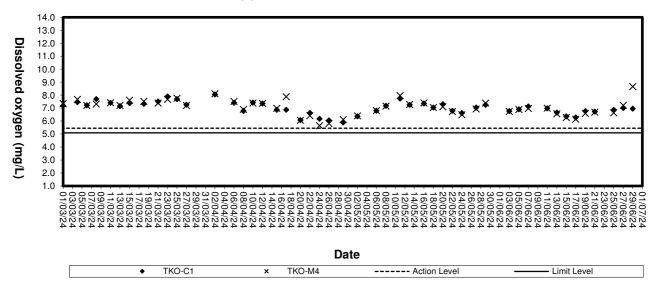
**Graphical Plots of Impact Marine Water Quality Monitoring Data** 



## Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide

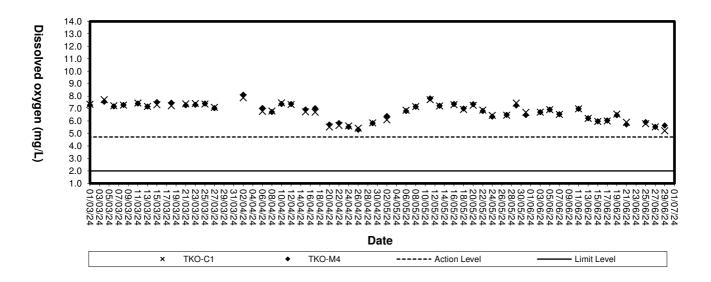


## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide

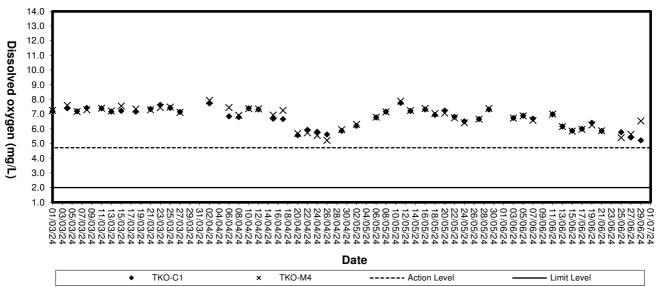




#### Dissolved Oxygen (Bottom) at Mid-Flood Tide

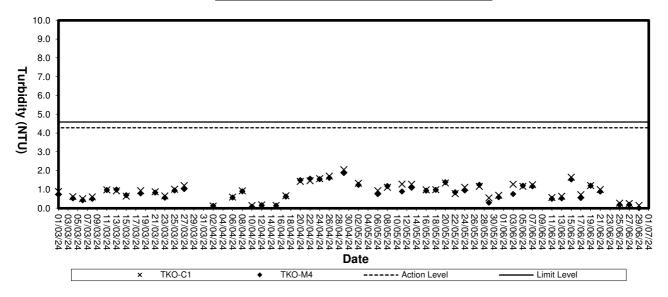


### **Dissolved Oxygen (Bottom) at Mid-Ebb Tide**

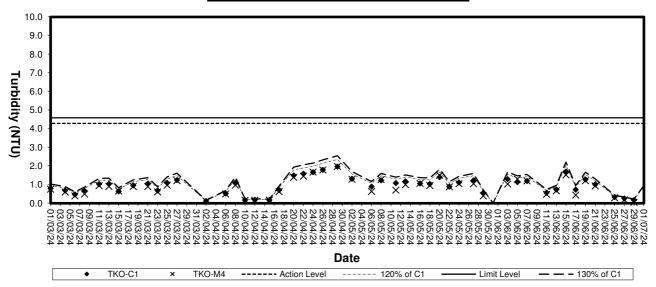




## **Turbidity (Depth-average) at Mid-Flood Tide**

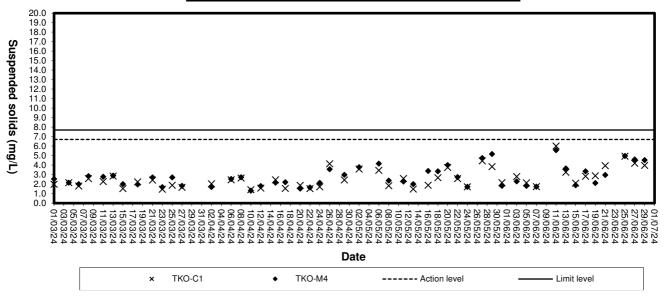


### Turbidity(Depth-average) at Mid-Ebb Tide

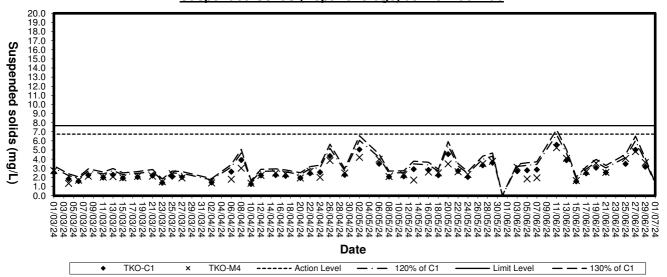




#### Suspended solids (Depth-average) at Mid-Flood Tide



### Suspended Solids (Depth-average) at Mid-Ebb Tide



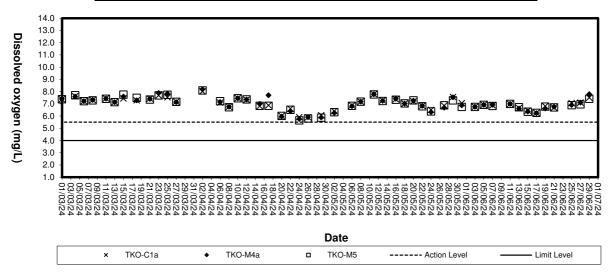


**D2** 

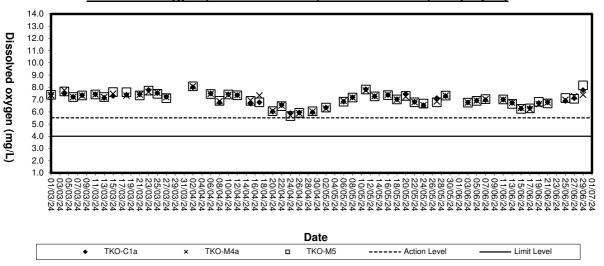
Graphical Plots of Impact Marine Water Quality Monitoring Data (3RS project)



### Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide (3RS project)

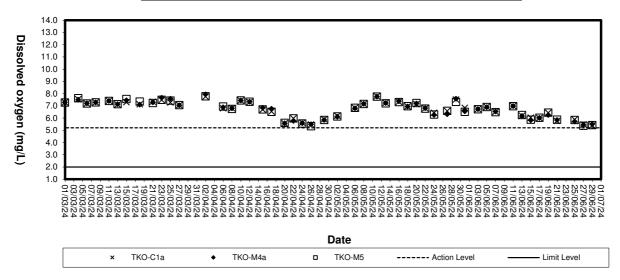


## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide (3RS project)

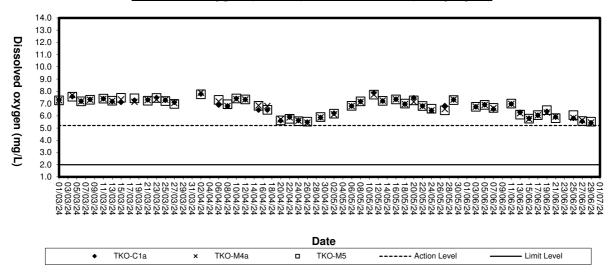




### **Dissolved Oxygen (Bottom) at Mid-Flood Tide (3RS project)**

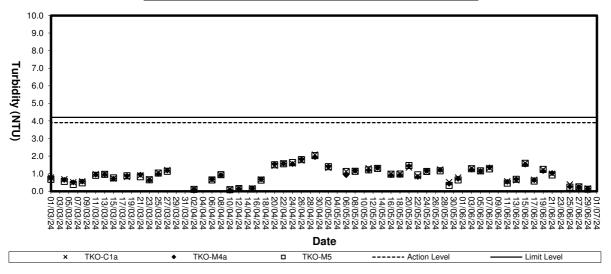


#### Dissolved Oxygen (Bottom) at Mid-Ebb Tide (3RS project)

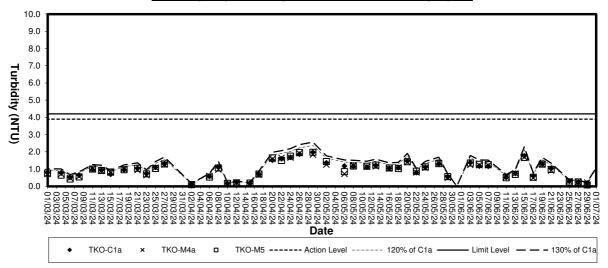




### Turbidity (Depth-average) at Mid-Flood Tide (3RS project)

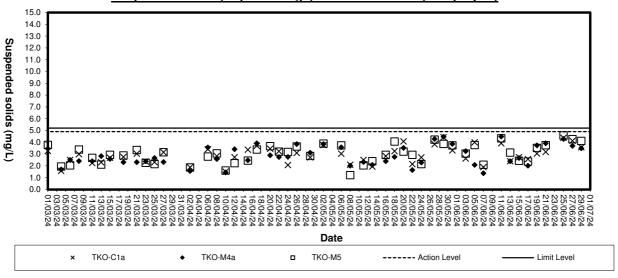


### Turbidity(Depth-average) at Mid-Ebb Tide (3RS project)

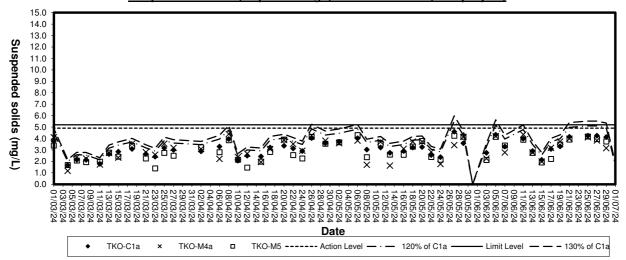




#### Suspended solids (Depth-average) at Mid-Flood Tide (3RS project)



#### Suspended Solids (Depth-average) at Mid-Ebb Tide (3RS project)





Ε

**Environmental Quality Performance (Action / Limit Levels)** 



## Action and Limit Levels for Air Quality

## Action and Limit Levels for 1-Hour TSP

Location	Action Level, µg/m3	Limit Level, µg/m³		
A1	270			
A2	376	500		

#### Action and Limit Levels for 24-Hour TSP

Location	Action Level, µg/m3	Limit Level, µg/m	
A1	210	700	
A2	7 210	260	

#### Action and Limit Levels for Noise

Time Period	Action	Limit
0900-2100 hrs on all days	When one documented complaint is received	75*dB(A)

### Action and Limit Levels for Water Quality

Parameters	Action	Limit
Dissolved oxygen, DO mg/L (Surface, Middle & Bottom)	Surface & Middle DO < 5.45 (5%-ile of baseline data) Bottom DO < 4.72 (5%-ile of baseline data)	Surface & Middle DO < 5.10 (1%-life of baseline data) Bottom 2 mg/L
Suspended solids, SS mg/l, (Depth-averaged)	SS > 6,74 (95%-lie of baseline data or SS > 120% of upstream control stations SS at the same tide of the same day)	SS > 7.67 (99%-ile of baseline data or SS > 130% of upstream control stations SS at the same tide of the same day)
Turbidity, Tby NTU (Depth-averaged)	Tby > 4.28 (95%-ite of baseline data or Tby > 120% of upstream control stations Tby at the same tide of the same day)	Tby > 4,58 (99%-ile of baseline data or Tby > 130% of upstream control stations Tby at the same tide of the same day)

Action and Limit Levels for Water Quality (3RS project) +

Parameter₽	Action Level ₽	Limit Level ₽
DO (mg/L)↔	Surface & Middle↔ <5.5 mg/L↔ Bottom↔ <5.2 mg/L↔	Surface & Middle↔ <4.00 mg/L (1%-ile of baseline data) ↔ Bottom↔ <2.00 mg/L↔
SS (mg/L) ↔ (Depth- averaged)↔	>4.9 mg/L or >120% of the upstream control station's SS at the same tide on the same day.	>5.2 mg/L or >130% of the upstream control station's SS at the same tide on the same day₽
Turbidity (NTU) (Depth- averaged)∂	>3.9NTU or >120% of the upstream control station's turbidity at the same tide on the same day.	>4.2 NTU or >130% of the upstream control station's turbidity at the same tide on the same day.



F

**Event-Action Plans** 

	Contractor		Rectify any unacceptable practise     Amend working methods if appropriate	ification 1. Submit proposals for remedial actions to IC(E) within 3 working days of notification sures 2. Implement the agreed proposals 3. Amend proposal if appropriate	,	inication 1. Take Infinediate action to avoid further exceedance 2. Submit proposals for remedial actions to IC(E) within 3 working days of notification 3. Implement the agreed proposals 4. Amend proposal if appropriate.
ALITY EXCEEDANCE	63		1. Notify Contractor	Confirm receipt of notification of failure in writing     Notify the Contractor     Ensure remedial measures properly implemented		Confirm receipt of notification of failure in writing     Notify the Contractor     Ensure remedial measures properly implemented
EVENT/ACTION PLAN FOR AIR QUALITY EXCEEDANCE	ACTION	IC(E)	1. Check monitoring data submitted by the ET 2. Check contractor's working method	1. Check monitoring data submitted by the ET Leader 2. Check the 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	LIMIT LEVEL	1. Check monitoring data submitted by the ET Leader 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
		ET Leader	Identify source, investigate the causes of exceedance and propose remedial measures     Inform ER, IC(E) and Contractor     Repeat measurement to confirm finding     Increase monitoring frequency to daily	1. Identify source, investigate the causes of exceedance and propose remedial measures 2. Inform IC(E) and Contractor 3. Repeat measurements to confirm finding 4. Increase monitoring frequency to daily 5. Discuss with IC(E) and Contractor on remedial actions 6. If exceedance continues, arrange meeting with IC(E) and ER. 7. If exceedance stops, cease additional		Identify source, investigate the causes of exceedance and propose remedial measures     Inform ER, Contractor and EPD     Repeat measurement to confirm finding     Increase monitoring frequency to daily     Assess the effectiveness of Contractor's remedial actions and keep IC(E), EPD and ER informed of the results
EVENT			1. Exceedance for one sample	2. Exceedance for two or more consecutive samples		1. Exceedance for one sample

EVENT		EVENT/ACTION PLAN FOR AIR QUALITY EXCEEDANCE	LITY EXCEEDANCE		
'93		ACTION			
	ET Leader	IC(E)	ER	Contractor	
2. Exceedance	1. Identify source, investigate the causes	1. Discuss amongst ER, ET and Contractor on	1. Confirm receipt of notification	1. Take immediate action to	<u>۔</u>
for two or	of exceedance and propose remedial	the potential remedial actions	of failure in writing		ces
more	measures	2. Review Contractor's remedial actions	2. Notify Contractor	2. Submit proposals for remedial	medial
consecutive	2. Notify IC(E), ER, EPD and Contractor	whenever necessary to assure their	<ol><li>In consultation with the IC(E),</li></ol>	actions to IC(E) within 3	~
sambles	3. Repeat measurement to confirm	effectiveness and advise the ER accordingly	agree with the Contractor on	working days of notification	tion
•	findina	3. Supervise the implementation of remedial	the remedial measures to be	<ol><li>Implement the agreed</li></ol>	
	4. Increase monitoring frequency to daily	measures	implemented	proposals	
	5. Carry out analysis of contractor's		<ol><li>Ensure remedial measures</li></ol>	4. Resubmit proposals if	
	working procedures to determine		are properly implemented	problem still not under control	control
	possible mitigation to be implemented		5. If exceedances continues,	<ol><li>Stop the relevant activity of</li></ol>	ty of
	6. Arrange meeting with IC(E) and ER to		consider what portion of the	works as determined by the	y the
	_		work is responsible and	ER until the exceedance is	s is
	taken		instruct the Contractor to stop	abated	
-	7. Assess effectiveness of Contractor's		that portion of work until the	•	
-	remedial actions and keep IC(E), EPD		exceedance is abated		
<u>™</u>	and ER informed of the results				
	8. If exceedance stops, cease additional				•
	monitoring				

				<b>EVENT/ACTION PLAN FOR NOISE EXCEEDANCE</b>	N N	OISE EXCEEDANCE			
EVENT				ACTION	Z				1
	_	ET Leader		IC(E)		ER		Contractor	7
Action Level	+ 4 € + 4 €	Notify the IC(E) and the Contractor. Carry out investigation. Report the results of investigation to the IC(E) and the Contractor. Discuss with the Contractor and formulate remedial measures. Increase monitoring frequency to check mitigation effectiveness	3. 2. 1.	Review the analysed results submitted by the ET. Review the proposed remedial measures by the Contractor and advise the ER accordingly. Supervise the implementation of remedial measures.	÷ 2.6. 4.	Confirm receipt of notification of failure in writing. Notify the Contractor. Require the Contractor to propose remedial measures for the analysed noise problem. Ensure remedial measures are properly implemented.	<del>.</del>	Submit noise mitigation proposals to IC(E). Implement noise mitigation proposals.	
Limit	<u> -</u>	Notify the IC(E), the ER, the EPD	<del></del>	Discuss amongst the ER, the ET	<u> </u>	Confirm receipt of notification of	<del>-:</del>	Take immediate action to avoid	777
Level		and the Contractor.		Leader and the Contractor on the	•	failure in writing.		Turther exceedance	
20070	٧i			potential remedial actions.	٠į	Notify the Contractor.	N.	Submit proposals for remedial	
	લ	Repeat measurement to confirm	۲,	Review the Contractor's remedial	က်	Require the Contractor to propose		actions to IC(E) within 3	
-1-0-410		findings.		actions whenever necessary to		remedial measures for the		working days of notification.	
	4	Increase monitoring frequency.		assure their effectiveness and		analysed noise problem.	က်	Implement the agreed	
	က်			advise the ER accordingly.	4.	Ensure remedial measures are	•	proposals.	
	-	working procedures to determine	က်	Supervise the implementation of	ι	properly implemented.	4.	Resubmit proposals if problem	_
<del></del>		possible mitigation to be		remedial measures.	ဂံ	if exceedances continue, consider	Ľ	Still flot dilder conflict.	
		_				what activity of the work is	က်	Stop the refevalities activity of	~
	ဖ					responsible and instruct the		works as determined by the ER	<del></del>
		EPU the causes & actions taken for				כטונומכוטן וט פוטף ווומר מכוואונץ טו			-
		•				work until the exceedances is		abated.	
	۲.					abated.			
		Contractor's remedial actions and							
	•	keep the IC(E), the EPD and the							
		ER informed of the results							
	ထ								-
		construction works stops, cease							-
		additional monitoring							

Event		EVEN.	IT A	EVENT AND ACTION PLAN FOR WATER QUALITY EXCEEDANCE	ATE	ER QUALITY EXCEEDANC	Ж	
uçı sılı				ACTION	z			
		ET Leader		Contractor		ER		IEC
Action level	-	Identify source(s) of impact:	<u> -</u>	Notify the ER and IEC in writing	<u>-</u> :	Notify EPD and other relevant	<del>-</del>	Check monitoring data
heing exceeded	د د	Reneat in-situ measurement to		within 24 hours of identification of	,	governmental agencies in writing		submitted by ET
hy one	i	confirm findings:		exceedance		within 24 hours of the	2	Confirm ET assessment if
sampling day	•		7			identification of the exceedance		exceedance is due / not due
Con Standards	; 		က်		2.	Discuss with IEC, ET and		to the works
		exceedance	4			Contractor on the proposed	က်	Discuss with ET, ER and
	4			and ER within 3 working days of		mitigation measures;		Contractor on the mitigation
				the identification of an	က	Require contractor to propose		measures
		working methods:		exceedance		remedial measures for the	4.	Review contractor's
	ď		က်			analysed problem if related to the		mitigation measures
	(c)			method if exceedance is due to		construction works		whenever necessary to
	; 	_		the construction works	4.	Ensure remedial measures are		ensure their effectiveness
·		days of identification of	9			properly implemented		and advise the ER
		exceedance and advise		propose mitigation measures to	ů.	Assess the effectiveness of the		accordingly
		contractor if exceedance is due to		IEC and ER if exceedance is due		mitigation measure	ri,	Supervise the
		contractor's construction works		to the construction works within 4				implementation of mitigation
	7.			working days of identification of	_			measures
		Contractor if exceedance is due		an exceedance				
		to the construction works within 4	7.	Implement the agreed mitigation				
		working days		measures within reasonable time				
	ω.	Repeat measurement on next day		scale				
		of exceedance if exceedance is						
		due to the construction works	_				_	

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Event	<u> </u>		1"	EVENT AND ACTION PLAN FOR WATER QUALITY	FO	R WATER QUALITY	1	
				ACTION	×			
	Ŀ	ET Leader		Contractor		ER		IEC
Action level	7	Identify source(s) of impact;	Ŀ	Notify IEC and ER in writing	<b>~</b>	Notify EPD and other relevant	+	Check monitoring data
being	2	Repeat in-situ measurement		within 24 hours of		governmental agencies in		
exceeded by		to confirm findings		identification of exceedance		writing within 24 hours of the	તં	_
more than one	က်	Notify Contractor in writing	2	٠		identification of the		if exceedance is due /
consecutive		within 24 hours of	က	Check all plant and		exceedance		_
sampling days		identification		equipment;	7	Discuss with IEC, ET and	က	_
	4.	Check monitoring data, all	4.	U		Contractor on the proposed		Contractor on the
		plant, equipment and		methods;	· · ·	mitigation measures;		mitigation measures.
		Contractor's working methods;	က်	UJ	က	Require contractor to propose	4.	
	ry.	Carry out investigation		investigation to IEC and ER		remedial measures for the		mitigation measures
	9			within 3 working days of the		analysed problem if related to		whenever necessary to
		investigation to the Contractor		identification of an		the construction works	·	ensure their
horio		within 3 working days of		exceedance	4.	Ensure remedial measures		effectiveness and advise
		identification of exceedance	ဖ်	Discuss with ET, IEC and ER		are properly implemented		_
		and advise contractor if		and propose mitigation	r.	Assess the effectiveness of	က်	•
		exceedance is due to		measures to IEC and ER		the mitigation measure		of the implemented
		contractor's construction		within 4 working days of				mitigation measures.
				identification of an				
	7.			exceedance				
		with IEC and Contractor within	7.	Implement the agreed				
		4 working of identification of		mitigation measures within				
•		an exceedance		reasonable time scale				
- of the last	ထ	. Ensure mitigation measures						
		are implemented;						
	<u>o</u>	. Prepare to increase the						
· · · · · · · · · · · · · · · · · · ·		monitoring frequency to daily;						
	<del>~</del>	10. Repeat measurement on next						
		day of exceedance.						

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Event		EVENT AND	Ϋ́		ATE	ACTION PLAN FOR WATER QUALITY EXCEEDANCE	Щ		
الانتخا <del>م و</del> ر				ACTION	Z				
		ET Leader		Contractor		ER		IEC	Υ
Limit level	Υ-	Repeat in-situ measurement	1.	Notify IEC and ER in writing;	<del></del>	Notify EPD and other relevant	<del>. :</del>	Check monitoring data	
being		to confirm findings;		within 24 hours of the		governmental agencies in		submitted by E.I.	
exceeded by	7	_		identification of the		writing within 24 hours of	7	Confirm ET assessment	
one sampling	"			exceedance		identification of exceedance		if exceedance is due /	
8		_	2	Rectify unacceptable practice;	2	Discuss with IEC, ET and		not due to the works	
5		identification of the	က	Check all plant and		Contractor on the proposed	က်	Discuss with ET, ER and	
		exceedance		equipment;		mitigation measures;	•	Contractor on the	
	4	_	4	Consider changes of working	က	Request Contractor to critically		mitigation measures.	
		_		methods:		review the working methods;	4.	Review proposals on	
		Contractor's working methods:	ιĊ	Submit the results of the	4	Ensure remedial measures		mitigation measures	
•	r.	_	:	investigation to IEC and ER		are properly implemented		submitted by Contractor	
				within 3 working days of the	ည်	Assess the effectiveness of		and advise the ER	
-		-		identification of an		the implemented mitigation		accordingly.	
		within 3 working days of		exceedance		measures.	က်	Assess the effectiveness	
		identification of exceedance	6	Discuss with ET, IEC and ER				of the implemented	
		and advise contractor if	i	and propose mitigation				mitigation measures	<u></u>
<del></del>	•	exceedance is due to		measures to IEC and ER					
<del>4</del>		contractor's construction		within 4 working days of the					
		works		identification of an					
<b>1</b> 2	7			exceedance					
		with IEC, ER and Contractor	۲.						
نىچىدى <u>ت</u>		within 4 working of		mitigation measures within					
		identification of an		reasonable time scale					
		exceedance							
	<u></u>	<ol><li>Ensure mitigation measures</li></ol>							
		are implemented;							
<del></del>	0	<ol><li>Increase the monitoring</li></ol>							
		frequency to daily until no							
	-	exceedance of Limit Level.							

Event		EVEN	<b> </b>	EVENT AND ACTION PLAN FOR WATER QUALITY EXCEEDANCE	'ATE	R QUALITY EXCEEDANC	ш	
*- <del></del>				ACTION	Ž			
-		ET Leader		Contractor		ER		IEC
Limit Level	-	Repeat in-situ measurement	-	Notify ER and IEC in writing	<del>-</del> -		<del>-</del> :	Check monitoring data
being		to confirm findings;		within 24 hours of the		governmental agencies in	_	submitted by E.I
exceeded by	2			identification of the		writing within 24 hours of	۲,	Confirm ET assessment
more than one	က်			exceedance and		identification of exceedance		if exceedance is due /
consecutive	;	•	2	Rectify unacceptable practice;	7	Discuss with IEC, ET and		not due to the works
sampling days		identification of the	က်	Check all plant and		Contractor on the proposed	က	Discuss with ER, ET and
		exceedance		equipment;		mitigation measures;		Contractor on the
	4		4.	Consider changes of working	က	Request Contractor to critically		mitigation measures.
~~~	:			methods;		review the working methods;	4.	Review proposals on
	_	Contractor's working methods:	<u></u>	Submit the results of the	ô,	Ensure remedial measures		mitigation measures
نث ج	ιC			investigation to IEC and ER		are properly implemented		submitted by Contractor
	<b>ф</b>			within 3 working days of the	4.	Assess the effectiveness of		and advise the ER
	;	· -		identification of an		the implemented mitigation		accordingly.
		within 3 working days of		exceedance		measures;	က်	Assess the effectiveness
		identification of exceedance	က်	Discuss with ET, IEC and ER	က်	Consider and instruct, if		of the implemented
******		and advise contractor if		and propose mitigation		necessary, the Contractor to		mitigation measures.
		exceedance is due to		measures to IEC and ER		slow down or to stop all or part		
••••		contractor's construction		within 4 working days;		of the marine work until no		
		works	6	Implement the agreed		exceedance of Limit Level.		
	۲.	Discuss mitigation measures		mitigation measures within				
		with IEC, ER and Contractor;		reasonable time scale				
	ω.		7.	As directed by the Engineer,				
34.34.30		are implemented;		to slow down or to stop all or				
	<u>ග</u>			part of the marine work or				
		frequency to daily until no		construction actives.				
		exceedance of Limit Level for						
		two consecutive days.						



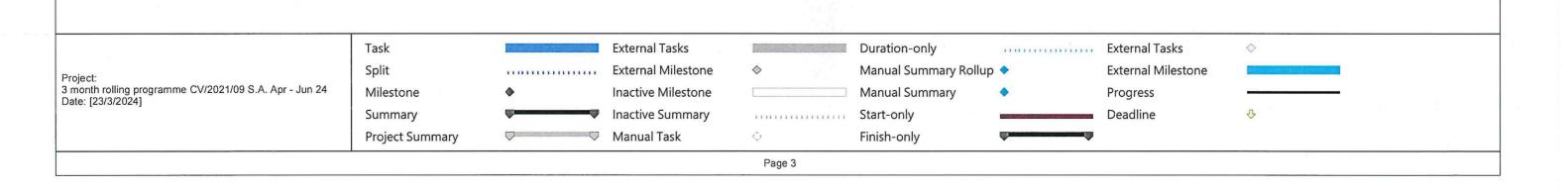
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**Work Programme** 

ID	A	Task Name	Start	Finish	Duration	Predecesso time risk allowances	Actual	Actual Finish	% Complet	25	1	Apr '24		May '24	20   27		un '24	J J
1	HH	Contract duration of Contract CV/2021/9	Mon 1/1/24	Wed 31/7/24	213 days		Start NA	NA NA	Complet 0%	25		8   15	)   22	29 6 13	20   27	3   1	.0 17 24	1 8
2	THE STATE OF THE S	Contract date, Date of Letter of Acceptance	Mon 1/1/24		1 day		NA	NA	0%									
3		Starting Date of the Works	Mon 1/1/24	Mon 1/1/24	1 day		NA	NA	0%									1
		The state of the s	Mon 1/1/24	Mon 1/1/24	1 day		NA	NA	0%									
5		Starting Date of Section 2 of the Works	Mon 1/1/24	Mon 1/1/24	1 day		NA	NA	0%									1 1
6	H	Starting Date of Section 3 of the Works	Mon 1/1/24	Mon 1/1/24	1 day		NA	NA	0%									
7		Date for Completion of the Works		Sun 31/12/23			NA	NA	0%									
8		Completion Date of Section 1 of the Works		Wed 31/7/24			NA	NA	0%									
9	(SECON)	Completion Date of Section 2 of the Works			1 day		NA	NA	0%									1 1
10		Completion Date of Section 3 of the Works		Mon 30/9/24			NA	NA	0%									
11		Planned completion dates		Wed 31/7/24			NA	NA	0%									
		Planned competion date of Section 1		Wed 31/7/24			NA	NA	0%									
12		Planned competion date of Section 2	Wed 31/7/24		1 day		NA	NA	0%									
		Planned competion date of Section 3			1 day		NA	NA	0%				-					1 /
14		Access Date of the Site	Mon 1/1/24	Mon 1/1/24	1 day		NA	NA	0%									
		Portion A2, A3a, A3b, A3c, A4, A5a, A5b, A7c2, A10 and	Mon 1/1/24	Mon 1/1/24	1 day			Mon 1/1/24	100%									
16	<b>√</b> ∰	A11 (within 60 days after starting date)																
17		Portion B1, B3, B6a, B6b and B7 (within 60 days after starting date)	Mon 1/1/24	Mon 1/1/24	1 day		Mon 1/1/24	Mon 1/1/24	100%									
18	<b>√</b> Ÿ	Portion A1. A7a, A7b, A7c1, A9, A9a and B6c (7 day's advance notice after starting date)	Mon 1/1/24	Mon 1/1/24	1 day		Mon 1/1/24	Mon 1/1/24	100%									
19	1	Portion B6c	Mon 1/1/24	Mon 1/1/24	1 day		Mon 1/1/24	Mon 1/1/24	100%									
20	<b>III</b>	Hand back of the Site	Wed 31/7/24	Wed 31/7/24	1 day		NA	NA	0%									
21	<b>√</b> ₽	Portion A2, A3a, A3b, A3c, A4, A5a, A7c2, A10 and A11 ( at an earlier date notified by the Project Manager with 30 days' advance notice)	or Mon 1/1/24	Mon 1/1/24	1 day		Mon 1/1/24	Mon 1/1/24	100%					S				
22	<b>√</b> \$	Portion A1, A7b, A7c1, A9 and A9a (or at an earlier date a notified by the Project Manager with 30 days' advance not	Mon 1/1/24 ce)	Mon 1/1/24	1 day		Mon 1/1/24	Mon 1/1/24	100%									
23	<b>√</b> \$	Portion B1, B3, B6a, B6b and B7 (or at an earlier date as notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' and 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the Project Manager with 30 days' advance notified by the 30 days' advance noti	Mon 1/1/24 ce)	Mon 1/1/24	1 day		Mon 1/1/24	Mon 1/1/24	100%									
24	<b>√</b> ₽	Portion B6c (or at an earlier date as notified by the Project Manager with 30 days' advance notice)	Mon 1/1/24	Mon 1/1/24	1 day		Mon 1/1/24	Mon 1/1/24	100%							€		
25		Section 1A of the Works - Tseung Kwan O Area 137 Fil Bank	Mon 1/1/24	Wed 31/7/24	213 days	4SS	Mon 1/1/24	NA	33%							***************************************		
26	1	Taking over the existing facilities at the Tseung Kwan C Area 137 Fill Bank within Portion A of the Site	Mon 1/1/24	Mon 1/1/24	1 day	4SS 0	Mon 1/1/24	Mon 1/1/24	100%									
27		Operation of the the Tseung Kwan O Area 137 Fill Ban within Portion A of the Site	Mon 1/1/24	Mon 1/1/24	1 day	26SS 0	Mon 1/1/24	NA	33%									
28		Operation and maintenance of the surveillance system within Portion A of the Site	Mon 1/1/24	Mon 1/1/24	1 day	26SS 0	Mon 1/1/24	NA	33%									
29	<u> </u>	Operation and maintenance of the existing tipping halls the Tseung Kwan O Area 137 Fill Bank within Portion A the Site	at Mon 1/1/24 of	Mon 1/1/24	1 day	26SS 0	Mon 1/1/24	NA	33%									
30	<u> </u>	Provision, operation and maintenance of the Crushing Plant at the Tseung Kwan O Area 137 Fill Bank within	Mon 1/1/24	Wed 31/7/24	213 days	26SS 0	Mon 1/1/24	NA	33%		#4 <u>[</u> ] #2	\$155 F. 15 F. 12			Maria de Caración			
31	P.	Portion A of the Site  Operation and maintenance of the dewatering plant at to Tseung Kwan O Area 137 Fill Bank within portion A of the Site of the Si		Wed 31/7/24	213 days	26SS 0	Mon 1/1/24	NA	33%									
32	<u>,</u> 0	Site  Chai Wan and Mui Wo Barging Points to the TKO Area	Mon 1/1/24	Wed 31/7/24	213 days	26SS 0	Mon 1/1/24	NA	33%		Vi mone				Marie Marie Marie			
		137 Fill Bank within Portion A of the Site Handing over the facilities at the Tseung Kwan O Area		Wed 31/7/24		0	NA	NA	0%								the first of the same and the same and	
33		137Fill Bank within Portion A of the Site to the Employe	r vveu 3 1/1/24	vveu 31/1/24	i day	Ů	INA	14/7	0 /0									
		Task				External Tasks		Dura	ation-only		111		Ex	ternal Tasks	$\Diamond$			
Project:		Split			l	External Milestone	$\Diamond$	Man	nual Summa	ry Rollu	p 🔷		Ex	ternal Milestone	TO WALL CO.			
3 month		programme CV/2021/09 S.A. Apr - Jun 24 Mileston	ie	<b>•</b>	1	nactive Milestone		Man	nual Summa	iry	•		Pr	ogress				
Date: [2	3/3/2024	I] Summai				nactive Summary	1		t-only					adline	₽			
			•										D(	adillic	~			-
		Project :	Summary			Manual Task	<b>\( \)</b>	FINIS	sh-only			-		-				
							Page 1											

ID		Task Name	S	tart	Finish	Duration	Predecesso	time risk	Actual	Actual	%	Apr '2	4	May '2	4	Jun '24	
	0							allowances	Start	Finish	Complet 25	1 8 1	5   22	29   6   13	20 27	3   10   17	
34	ACCUPATION ASSESSMENT	Planned Completion Date (Section 1)			Wed 31/7/24				Wed 31/7/24			1/4/24					30/6/24
35		Section 2A of the Works - Tuen Mun Area 38 F			Wed 31/7/24				Mon 1/1/24		33%						
36	<b>Y</b>	Taking over the existing facilities at the Tuen M Fill Bank within Portion B of the Site				•	588	0	Mon 1/1/24		100%						Anne Car
		Operation of the Tuen Mun Area 38 Fill Bank v Portion B of the Site			Wed 31/7/24			0	Mon 1/1/24		33%						
38		Operation and maintenance of the surveillance within Portion B of the Site	ce system M	1/1/24	Wed 31/7/24	213 days	5SS	0	Mon 1/1/24	NA	33%						
39	-	Operation and maintenance of the existing tipp the Tuen Mun Area 38 Fill Bank within Portion	ping halls at M	1/1/24	Wed 31/7/24	213 days	5SS	0	Mon 1/1/24	NA	33%		Verence :				
40	1	Operation and Maintenance of the Crushing P Tuen Mun Area 38 Fill Bank within Portion B o	Plant at the of the Site	Non 1/1/24	Wed 31/7/24	213 days	5SS	0	Mon 1/1/24	NA	33%						
41		Operation and maintemnance of glass cullet s compartment at the Tuen Mun Area 38 Fill Ba Portion B of the Site		1/1/24	Wed 31/7/24	213 days	5SS	0	Mon 1/1/24	NA	33%						
42		Planned Completion Date (Section 2)	W	Ved 31/7/24	Wed 31/7/24	1 day			NA	NA	0%						
43		Section 3A of the Works - Designated Reclams in the Mainland	nation Sites S	at 18/11/23	Mon 30/9/24	318 days			Sat 18/11/23	NA	15%						
44		Collection and delivery of Public Fill by ves Tseung Kwan O Area 137 Fill Bank and the Area 38 Fill Bank to the Desiognated Recla Sites in the Mainland	Tuen Mun	at 18/11/23	Mon 30/9/24	318 days			Sat 18/11/23	NA	22%						
45	1	1st quarter of year 2024	S	at 18/11/23	Sun 18/2/24	93 days			Sat 18/11/23	Sun 18/2/24	100%						-
46	V	Submitting application documents to EF application of dumping permits	PD for T	ue 28/11/23	Tue 28/11/23	0 days		0	Tue 28/11/23	Tue 28/11/23	100%						
47	1	Obtaining the dumping permit from EPE	D T	hu 28/12/23	Thu 28/12/23	1 day	46	1	Thu 28/12/23	Thu 28/12/23	100%						
48	V	Submitting Application documents to the for the application of the dumping permithe sea	ne Employer S nit of waste at	Sat 18/11/23	Sun 19/11/23	2 days		0	Sat 18/11/23	Sun 19/11/23	100%						
49	<b>V</b>	Obtaining the dumping permits from Min Ecology and environment of the People of China through the Employer		hu 28/12/23	Thu 28/12/23	1 day	48	1	Thu 28/12/23	3 Thu 28/12/23	100%				- 1		
50	V	Obtaining all necessary permits, license approvals and concents	es, T	hu 28/12/23	Thu 28/12/23	0 days		0	Thu 28/12/23	Thu 28/12/23	100%						1
51	1	Collection and delivery of public Fill to T	Taishan W	Ved 3/1/24	Sun 18/2/24	47 days	50		Wed 3/1/24	Sun 18/2/24	100%						
52		2nd quarter of year 2024	Т	ue 23/1/24	Sat 29/6/24	159 days			Tue 23/1/24	NA	23%						
53	V	Submitting application documents to EF application of dumping permits	PD for T	ue 23/1/24	Tue 23/1/24	0 days		0	Tue 23/1/24	Tue 23/1/24	100%						
54	1	Obtaining the dumping permit from EPE	D F	ri 1/3/24	Fri 1/3/24	1 day	53		Fri 1/3/24	Fri 1/3/24	100%						
55	V	Submitting Application documents to the for the application of the dumping permithe sea		ri 26/1/24	Fri 26/1/24	1 day			Fri 26/1/24	Fri 26/1/24	100%						
56	✓	Obtaining the dumping permits from Min Ecology and environment of the People of China through the Employer	inistry of Fe's Republic	ri 1/3/24	Fri 1/3/24	1 day	55	3	Fri 1/3/24	Fri 1/3/24	100%						
57	V	Obtaining all necessary permits, license and concents	es,approvals F	ri 1/3/24	Fri 1/3/24	1 day		0	Fri 1/3/24	Fri 1/3/24	100%			X			- 2
58		Collection and delivery of Public Fill to	Taishan S	Sat 2/3/24	Sat 29/6/24	120 days	54	0	Sat 2/3/24	NA	20%	HA MARKET NAME OF THE			Cart of Charles William	New Year and Committee	
59		3rd quarter of year 2024	T	ue 14/5/24	Mon 30/9/24	140 days			NA	NA	0%			-			
60	H	Submitting application documents to EF application of dumping permits	PD for S	Sat 1/6/24	Sat 1/6/24	1 day			NA	NA	0%				•		
61	110	Obtaining the dumping permit from EPD	D S	Sun 2/6/24	Sat 29/6/24	28 days	60		NA	NA	0%	The state of the s			1		
		· · · · · · · · · · · · · · · · · · ·		_													
			Task				External Tas	(S		Dura	tion-only		Ext	ernal Tasks	$\Diamond$		
Droio ot			Split				External Mile	estone	$\Diamond$	Manu	ual Summary Ro	ollup 🔷	Ext	ernal Milestone			
	h rolling	programme CV/2021/09 S.A. Apr - Jun 24	Milestone		<b>♦</b>	1	nactive Mile	stone			ual Summary	•	Pro	gress			
Jate: [2	23/3/202		Summary				nactive Sum	mary		<b>C</b>				adline	₽.		
			Project Sumr	mary	$\bigcirc$		Manual Task	•	<		n-only			-			
				i i							P						

ID	0	Task Name	Start	Finish	Duration	Predecesso	time risk allowances	Actual Start	Actual Finish	% Complete	25	1	Apr':	24 15   22	29	May 6   1	' '24 3   20	27   3	Jun ': 3   10	24 17   24	1
62		Submiting Application documents to the Employer for the application of the dumping permit of waste at the sea	Tue 14/5/24	Tue 14/5/24	1 day		0	NA	NA	0%		1/24								3	30/6/24
63	п	Ecology and environment of the People's Republic of China through the Employer (assumed on		Sun 23/6/24	40 days	62	7	NA	NA	0%						Ĭ					
54		Obtaining all necessary permits, licenses, approvals and concents	Sat 1/6/24	Sun 30/6/24	30 days			NA	NA	0%									(5) (5) (1)	Shew English	
55	E	Collection and delivery of public fill to Taishan	Mon 1/7/24	Mon 30/9/24	92 days	64	0	NA	NA	0%											The second second
56		Removal, excavation and deposition of stockpiled and/or deposited Public Fill within the Designated Reclamation Sites in the Mainland	Mon 1/1/24	Wed 31/7/24	213 days			Mon 1/1/24	NA	33%											
58		Operation and maintenance of the existing navigation channel and turning basins in association with the existing berthing facilituy at Zone E of the Desiganted Reclamation Sites in the Mainland	Mon 1/1/24	Wed 31/7/24	213 days			Mon 1/1/24	NA	33%											
59		Design and construction of seawalls in association with new berthing facilities at zone B	Thu 1/2/24	Sat 28/9/24	241 days			NA	NA	0%											
70		Obtaining the dumping permits from Ministry of Ecology and environment of the People's Republic of China through the Employer for Zone B	Thu 1/2/24	Thu 1/2/24	1 day		0	NA	NA	0%											4
1	THE STATE OF	Preparation of design submission	Fri 2/2/24	Fri 16/2/24	15 days	70		NA	NA	0%											
2		Obtaining all necessary design approvals and concents	Sat 17/2/24	Sun 17/3/24	30 days	71		NA	NA	0%											
3		Construction of the berthing facilities	Mon 18/3/24	Fri 13/9/24	180 days	72		NA	NA	0%	NAME OF THE OWNER.	ISM ARRA		earnas taxanos	22/02/0	ISSUE AND A	was the brack	AN EMPERATURE	Y TALL STATE OF THE	ward promotes and a	
4		Obtaining the construction completion certificate	Sat 14/9/24	Sat 28/9/24	15 days	73	2	NA	NA	0%			1000			6 / 1					
75	,	Design and construction of seawalls (approximate 200m) in association with new berthing facility at Zone B of the Designated Reclamation Sites in the Mainland	Thu 1/2/24	Tue 30/7/24	181 days			NA	NA	0%											
76		Obtaining the permits from Ministry of Ecology and environment of the People's Republic of China through the Employer for Zone B	Thu 1/2/24	Thu 1/2/24	1 day			NA	NA	0%											
7		Preparation of design submission	Fri 2/2/24	Sat 2/3/24	30 days	76	2	NA	NA	0%											
8		Obtaining all necessary design approvals and concents	Sun 3/3/24	Mon 1/4/24	30 days	77	2	NA	NA	0%	Enclish										
9		Construction of seawalls	Tue 2/4/24	Sun 30/6/24	90 days	78	14	NA	NA	0%							Maria avv			de la Servicio de la	
0		Obtaining the construction completion certificate (subject to Project's Manager's instruction)	Mon 1/7/24	Tue 30/7/24	30 days	79	44 1 1 14	NA	NA	0%											
1	HE	Site Formation works at Tsang Tsui site	Mon 1/1/24	Wed 31/7/24	213 days			NA	NA	0%						-				-	
2		Carrying out of general site clearance and initial survey	Mon 1/1/24	Tue 30/1/24	30 days		7	NA	NA	0%		- 8									
3	H	Construction of a haul road leading to the site	Wed 31/1/24	Thu 29/2/24	30 days	82	2	NA	NA	0%											
4		Collection of fill material deliviered by marine transportation through the berthing facility and disposal of the fill material collected to areas within the site	Fri 1/3/24	Wed 31/7/24	153 days		0	NA	NA	0%					•						
35	п	Planned Completion Date (Section 3)	Mon 30/9/24	Mon 30/9/24	1 day			NA	NA	0%											





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Implementation Schedule of Environmental Mitigation Measures (EMIS)



# **Environmental Mitigation Implementation Schedule**

				Implementa	tion Status	
	Environmental Protection Measures	Location	Implemented	Partially implemented	Not implemented	Not Applicable
Ai	r Quality					
•	Dust control / mitigation measures shall be provided to prevent dust nuisance.	All areas		V		
•	A buffer zone of at least 100m shall be maintained between the edge of the stockpiling area and the nearest ASRs at the TKO Industrial Estate. Within the buffer zone, no dusty material shall be stockpiled and no loading / unloading and similar activities should be allowed.	Northern Site Boundary	√			
•	Water sprays shall be provided and used to dampen materials.	All areas	V			
•	Regular cleaning and watering the site shall be provided to minimize the fugitive dust emissions.	All areas	V			
•	All vehicles shall be restrict to a maximum speed of 10 km per hour.	All areas	<b>√</b>			
•	Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	Site Egress	<b>V</b>			
•	The designated site main haul rout shall be paved or regular watering.	All haul roads	$\sqrt{}$			
•	Frequent watering of work site shall be at least three times per day.	All areas	V			
•	Wheel washing facilities including high pressure water jet shall be provided at the entrance of work site.	Site Egress	V			
•	Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	Site Egress	√			
•	The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEDD.	All areas	√			
•	Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	All areas	√			
•	When fill material is transfer by belt conveyor systems, the conveyors shall be enclosed on top and 2 sides.	C&DMSF	$\sqrt{}$			
•	The belt scraper shall be equipped with bottom plates or other similar means to prevent falling of material from the return belt.	C&DMFS	V			
•	The level of stockpiling belt conveyor shall be adjustable such that the vertical distance between the belt conveyor and the material landing point is maintained at no more than 1m.	C&DMFS	√			
•	All plant and equipment should be well maintained e.g. without black smoke emission.		√			
No	ise Impact		V			
•	Approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	All areas				
•	Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	All areas	√			
•	Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	All areas	√			
•	Air compressors and hand held breakers should have noise labels.	All areas	√			
•	Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	All areas	√			
•	Noisy equipment and mobile plant shall always be site away from NSRs.	All areas	$\sqrt{}$			



#### 東業德勤測試顧問有限公司 ETS-TESTCONSULT LIMITED

	Location		Implementa	tion Status	
Environmental Protection Measures		Implemented	Partially implemented	Not implemented	Not Applicable
Water Quality					
<ul> <li>Drainage system should be adequate and well maintained to prevent flooding and overflow, especially after rain storms.</li> </ul>	All areas	√			
The permanent drainage channels should have sediment basin, traps and baffles and maintain properly.	All areas	√			
<ul> <li>Temporary intercepting drains should be used at the stockpilling area to divert polluted stormwater to the intercepting channels.</li> <li>Earth bunds and sand bay barriers shall be used to assist the diversion of polluted stormwater to the intercepting channels.</li> </ul>	All areas	√			
<ul> <li>Manholes should be covered and sealed.</li> </ul>	All areas	$\sqrt{}$			
<ul> <li>Unnecessary water retained in receptacles and standing water should be avoided to prevent mosquito breeding.</li> </ul>	All areas		$\sqrt{}$		
A buffer distance of at least 100m shall be maintained between the boundary of the public fill stockpiling area and the sea front.	Public fill stockpiling area	√			
<ul> <li>A buffer distance of at least 20m shall be maintained between the boundary of the C&amp;DMSF and the seafront.</li> </ul>	C&DMFS	√			
The stormwater intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	All areas	√			
<ul> <li>The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEDD.</li> </ul>	Temporary Slopes	√			
<ul> <li>Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.</li> </ul>	Temporary Slopes	√			
<ul> <li>Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.</li> </ul>	All areas	<b>√</b>			
<ul> <li>A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.</li> </ul>	Wheel Washing facility	√			
<ul> <li>The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcores to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.</li> </ul>	Wheel Washing facility	√			
<ul> <li>Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided. The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.</li> </ul>	All areas	√			
Oil intercept in addition of sand / silt removal facilities shall be provided at the car parking areas and work shop.	All areas	$\sqrt{}$			
Tipping halls enclosed with top and 3-side to prevent spillage of material into marine water.	Barge Handling Area (BHA)	√			
The barges shall be in right size such that adequate clearance in maintained between the vessels and the seabed at all states of the tide to ensure the undue turbidity is not generated by turbulence from vessel movement or propeller wash.	Barge Handling Area (BHA)	√			
<ul> <li>All vessels used for transportation of fill material shall have tight fitting seals to their bottom openings to prevent leakage of material during transport.</li> </ul>	Barge Handling Area (BHA)	√			
<ul> <li>Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.</li> </ul>	Along the seafront	√			
<ul> <li>Barges shall not be filled to a level which may cause the overflow of material during loading or transportation. Barge effluents shall be properly collected and treated before disposal.</li> </ul>	Barge Handling Area (BHA)	√			
<ul> <li>The work activities shall not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging facilities.</li> </ul>	Along the seafront	√			
Existing silt curtain at the outward side of the basin near the Barging Handling Area throughout the period shall be repair, maintain and service when there is public fill intake by barges to the Fill Bank in accordance with PS Clause 1.68. The total length of the silt curtains shall not be less than 160m, and a gap of about 80m shall be left open for access of barges. The silt curtain shall be properly maintained such that it can also serve the function of refuse containment boom to confine floating refuse.		V			
<ul> <li>A waste collection vessel shall be deployed to remove floating debris.</li> </ul>	Along the seafront	V			



	Location		Implementa	tion Status	
Environmental Protection Measures		Implemented	Partially implemented	Not implemented	Not Applicable
Landscape and Visual					
Construction of lighting to avoid spillage and glare	All areas	$\checkmark$			
Hydroseeding	Completed slopes	$\checkmark$			
Hoarding erection	Site boundary	$\checkmark$			
Damage to surrounding area avoided	All areas	$\checkmark$			
Other Environmental Factors					
C&D waste sorted from mixed C&D material shall be transfer to SENT landfill for disposal.	All areas	$\checkmark$			
Plan and stock construction materials carefully to minimise generation of waste.	All areas	$\checkmark$			
Any unused materials or those with remaining functional capacity should be recycled.	All areas	$\checkmark$			
All generators, fuel and oil storage are within bunded areas.	All areas	$\checkmark$			
Oil leakage from machinery, vehicle and plant is prevented.	All areas		√		
Bund chemical storage area to 110% capacity.	All areas	√			
Prevent disposal of hazardous materials to air, soil and water body	All areas	√			
Provide rubbish skips at all work areas	All areas	$\checkmark$			
Good site practices should be adopted to clean the rubbish and litter on a regular basis so as to prevent the rubbish and litter from dropping into the nearby environment.	All areas	√			
To encourage collection of aluminium cans by individual collectors, separate labelled bins should be provided to segregate this waste from other general refuse generated by the workforce.	All areas	√			



11

Statistical Analysis of the Trend of Suspended Solids in the Quarter



## For Mid-Flood Tide

## Station: M4

#### t-test

Group Name	N	Missing	Mean	Std Dev	SE	
130% Baseline Mean	12	0	6.9690	1.0690	0.3086	
Quarterly Mean	37	0	2.8973	1.1757	0.1933	

## Result:

Difference between means = 4.0717 (95% CI : 3.3021 < Diff < 4.8414)

t-value of difference = 11.1820 (20 degrees of freedom)

Calculated t-value > Critical t-value

## **Conclusion:**

There is statistically significant difference between the groups.

The P-Value of 130% Baseline Mean is larger than quarterly mean = >0.99

The result of suspended solids in this reporting period is lower than that of 130% baseline.

## Station: C1

#### t-test

Group Name	N	Missing	Mean	Std Dev	SE
130% Baseline Mean	12	0	6.969	0.950	0.2742
Quarterly Mean	37	0	2.7685	1.1039	0.1815

## Result:

Difference between means = 4.2005 (95% CI : 3.4855 < Diff < 4.9155)

t-value of difference = 12.7733 (21 degrees of freedom)

Calculated t-value > Critical t-value

## **Conclusion:**

There is statistically significant difference between the groups.

The P-Value of 130% Baseline Mean is larger than quarterly mean = >0.99

The result of suspended solids in this reporting period is lower than that of 130% baseline.



## For Mid-Ebb Tide

## Station: M4

#### t-test

Group Name	N	Missing	Mean	Std Dev	SE
130% Baseline Mean	12	0	6.897	1.449	0.4183
Quarterly Mean	37	0	2.8264	0.9838	0.1640

#### Result:

Difference between means = 4.0706 (95% CI : 3.3286 < Diff < 4.8127)

t-value of difference = 9.0766 (14 degrees of freedom)

Calculated t-value > Critical t-value

## **Conclusion:**

There is statistically significant difference between the groups.

The P-Value of 130% Baseline Mean is larger than quarterly mean = >0.99

The result of suspended solids in this reporting period is lower than that of 130% baseline.

## Station: C1

#### t-test

Group Name	N	Missing	Mean	Std Dev	SE
130% Baseline Mean	12	0	6.933	1.045	0.3017
Quarterly Mean	37	0	2.9236	1.0303	0.1717

## Result:

Difference between means = 4.0094 (95% CI : 3.3185 < Diff < 4.7003)

t-value of difference = 1.5890 (18 degrees of freedom)

Calculated t-value > Critical t-value

## **Conclusion:**

There is statistically significant difference between the groups.

The P-Value of 130% Baseline Mean is larger than quarterly mean = >0.99

The result of suspended solids in this reporting period is lower than that of 130% baseline.



12

Statistical Analysis of the Trend of Suspended Solids in the Quarter (3RS)



## For Mid-Flood Tide

Station: C1a

t-test

Group Name	N	Missing	Mean	Std Dev	SE
130% Baseline Mean	12	0	4.1580	1.3670	0.3946
Quarterly Mean	37	0	3.0396	0.7555	0.1242

#### Result:

Difference between means = 1.1184 (95% CI : 0.4934 < Diff < 1.7434)

t-value of difference = 2.7033 (13 degrees of freedom)

Calculated t-value > Critical t-value

#### Conclusion:

There is statistically significant difference between the groups.

The P-Value of 130% Baseline Mean is larger than quarterly mean = >0.99

The result of suspended solids in this reporting period is lower than that of 130% baseline.

#### Station: M4a

#### t-test

Group Name	N	Missing	Mean	Std Dev	SE
130% Baseline Mean	12	0	3.9020	1.1420	0.3297
Quarterly Mean	37	0	2.9968	0.8959	0.1473

## **Result:**

Difference between means = 0.9052 (95% CI : 0.2641 < Diff < 1.5462)

t-value of difference = 2.5068 (16 degrees of freedom)

Calculated t-value > Critical t-value

#### **Conclusion:**

There is statistically significant difference between the groups.

The P-Value of 130% Baseline Mean is larger than quarterly mean = >0.99

The result of suspended solids in this reporting period is lower than that of 130% baseline.

## Station: M5

## t-test

Group Name	N	Missing	Mean	Std Dev	SE
130% Baseline Mean	12	0	3.9360	1.4140	0.4082
Quarterly Mean	37	0	3.1297	0.8371	0.1376

## Result:

Difference between means = 1.0865 (95% CI : 0.3747 < Diff < 1.7982)

t-value of difference = 2.4916 (14 degrees of freedom)

Calculated t-value < Critical t-value

### Conclusion:

There is no statistically significant difference between the groups.



## For Mid-Ebb Tide

Station: C1a

#### t-test

Group Name	N	Missing	Mean	Std Dev	SE
130% Baseline Mean	12	0	4.2860	1.3530	0.3906
Quarterly Mean	37	0	3.3093	0.6625	0.1104

## Result:

Difference between means = 0.9767 (95% CI : 0.3923 < Diff < 1.5611)

t-value of difference = 2.4088 (13 degrees of freedom)

Calculated t-value > Critical t-value

#### **Conclusion:**

There is statistically significant difference between the groups.

The P-Value of 130% Baseline Mean is larger than quarterly mean = >0.99

The result of suspended solids in this reporting period is lower than that of 130% baseline.

Station: M4a

#### t-test

Group Name	N	Missing	Mean	Std Dev	SE
130% Baseline Mean	12	0	4.0900	1.3250	0.3825
Quarterly Mean	37	0	3.2125	0.8175	0.1363

## Result:

Difference between means = 0.8775 (95% CI : 0.2355 < Diff < 1.5195 )

t-value of difference = 2.1644 (14 degrees of freedom)

Calculated t-value > Critical t-value

## **Conclusion:**

There is statistically significant difference between the groups.

The P-Value of 130% Baseline Mean is larger than quarterly mean = >0.99

The result of suspended solids in this reporting period is lower than that of 130% baseline.

#### Station: M5

#### t-test

Group Name	N	Missing	Mean	Std D0ev	SE
130% Baseline Mean	12	0	3.7900	1.4650	0.4229
Quarterly Mean	37	0	3.1551	0.8290	0.1382

## Result:

Difference between means = 0.6349 (95% CI : -0.0429 < Diff < 1.3128)

t-value of difference = 1.4289 (13 degrees of freedom)

Calculated t-value < Critical t-value

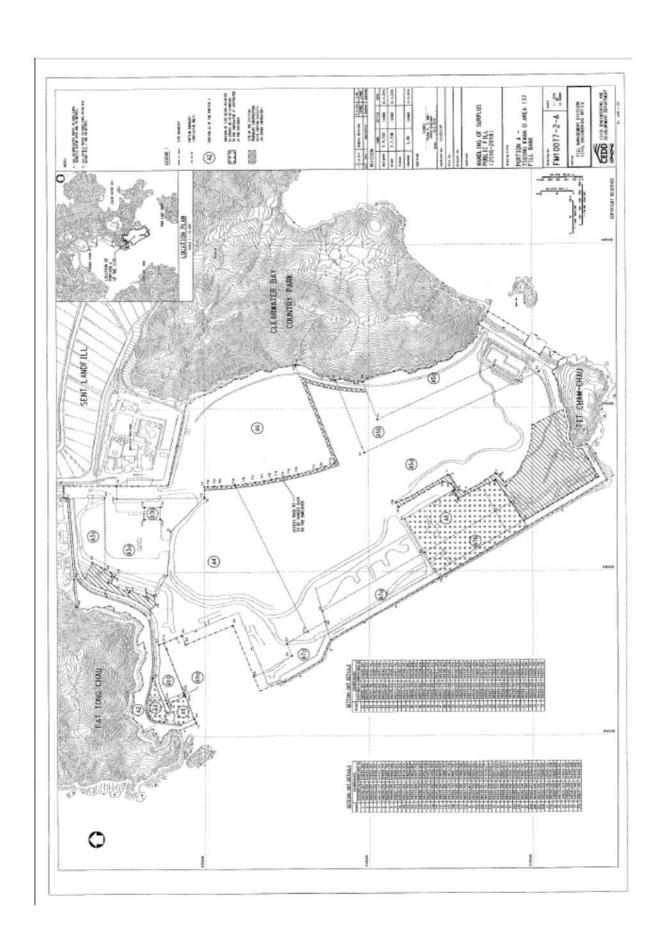
## **Conclusion:**

There is no statistically significant difference between the groups.



J

Site General Layout plan





K

**Weather Condition** 

# Daily Extract of Meteorological Observations , April 2024 - Tseung Kwan O

Pressure (hPa)		,,		teorologi			, ·			
Character   Char		Mean				Mean	Mean	Total	Prevailing	Mean
Daily   Max   Mean   Absolute   Mean   Absolute   Mean		Pressure	Ai	ir Temperatı	ire	Dew	Relative	Rainfall	Wind	Wind
Trace		(hPa)				Point	Humidity	(mm)	Direction	Speed
Max (deg. C)         Min (deg. C)         Min (deg. C)           1         1010         29.1         27.3         26.3         23.8         81         Trace         160         19           2         1009.3         28.9         27         25.9         23.1         80         -         160         20           3         1010.1         28.9         27.3         26.1         23.5         80         Trace         170         18           4         1010.5         28.5         27.2         26.5         23.7         81         Trace         160         20           5         1011.9         29.3         26.5         24.7         22.9         81         0.3         110         26           6         1012.1         25.4         24.4         23.4         22.4         89         2.7         90         32           7         1010.6         28.3         25.4         23.7         23.1         88         0.9         40         14           8         1012.3         28.8         25.1         23         22.6         87         -         30         12           9         1015.8         24.3	Day		Absolute	Mean	Absolute	(deg. C)	(%)		(degrees)	(km/h)
Max (deg. C)         Min (deg. C)         Min (deg. C)           1         1010         29.1         27.3         26.3         23.8         81         Trace         160         19           2         1009.3         28.9         27         25.9         23.1         80         -         160         20           3         1010.1         28.9         27.3         26.1         23.5         80         Trace         170         18           4         1010.5         28.5         27.2         26.5         23.7         81         Trace         160         20           5         1011.9         29.3         26.5         24.7         22.9         81         0.3         110         26           6         1012.1         25.4         24.4         23.4         22.4         89         2.7         90         32           7         1010.6         28.3         25.4         23.7         23.1         88         0.9         40         14           8         1012.3         28.8         25.1         23         22.6         87         -         30         12           9         1015.8         24.3			Daily	(deg.C)	Daily					
(deg. C)         (deg. C)         (deg. C)         (deg. C)           1         1010         29.1         27.3         26.3         23.8         81         Trace         160         19           2         1009.3         28.9         27         25.9         23.1         80         -         160         20           3         1010.1         28.9         27.3         26.1         23.5         80         Trace         170         18           4         1010.5         28.5         27.2         26.5         23.7         81         Trace         160         20           5         1011.9         29.3         26.5         24.7         22.9         81         0.3         110         26         6         1012.1         25.4         24.4         23.4         22.9         81         0.3         110         26         6         1012.3         28.8         25.1         23.7         23.1         88         0.9         40         14         8         1012.3         28.8         25.1         23         22.6         87         -         30         12         19         10.5         28.3         22.9         21.7         18.9			_	(acg. c)	_					
1         1010         29.1         27.3         26.3         23.8         81         Trace         160         19           2         1009.3         28.9         27         25.9         23.1         80         -         160         20           3         1010.1         28.9         27.3         26.1         23.5         80         Trace         170         18           4         1010.5         28.5         27.2         26.5         23.7         81         Trace         160         20           5         1011.9         29.3         26.5         24.7         22.9         81         0.3         110         26           6         1012.1         25.4         24.4         23.4         22.4         89         2.7         90         32           7         1010.6         28.3         25.4         23.7         23.1         88         0.9         40         14           8         1012.3         28.8         25.1         23         22.6         87         -         30         12           9         1015.8         24.3         22.9         21.7         18.9         78         Trace										
2         1009.3         28.9         27         25.9         23.1         80         -         160         20           3         1010.1         28.9         27.3         26.1         23.5         80         Trace         170         18           4         1010.5         28.5         27.2         26.5         23.7         81         Trace         160         20           5         1011.9         29.3         26.5         24.7         22.9         81         0.3         110         26           6         1012.1         25.4         24.4         23.4         22.4         89         2.7         90         32           7         1010.6         28.3         25.4         23.7         23.1         88         0.9         40         14           8         1012.3         28.8         25.1         23         22.6         87         -         30         12           9         1015.8         24.3         22.9         21.7         18.9         78         Trace         60         2           10         1017.2         26.8         23.7         21.9         17.3         68         -         70<	1	1010		27.3		23.8	81	Trace	160	19.2
4         1010.5         28.5         27.2         26.5         23.7         81         Trace         160         20           5         1011.9         29.3         26.5         24.7         22.9         81         0.3         110         26           6         1012.1         25.4         24.4         23.4         22.4         89         2.7         90         32           7         1010.6         28.3         25.4         23.7         23.1         88         0.9         40         14           8         1012.3         28.8         25.1         23         22.6         87         -         30         12           9         1015.8         24.3         22.9         21.7         18.9         78         Trace         60         2           10         1017.2         26.8         23.7         21.9         17.3         68         -         70         28           11         1016.1         27.7         24.5         22.8         20.2         77         -         70         16           12         1013.5         30.2         25.8         23.1         21.5         78         -         20 <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>80</td> <td>-</td> <td></td> <td>20.3</td>	2						80	-		20.3
5         1011.9         29.3         26.5         24.7         22.9         81         0.3         110         26           6         1012.1         25.4         24.4         23.4         22.4         89         2.7         90         32           7         1010.6         28.3         25.4         23.7         23.1         88         0.9         40         14           8         1012.3         28.8         25.1         23         22.6         87         -         30         12           9         1015.8         24.3         22.9         21.7         18.9         78         Trace         60         2           10         1017.2         26.8         23.7         21.9         17.3         68         -         70         28           11         1016.1         27.7         24.5         22.8         20.2         77         -         70         16           12         1013.5         30.2         25.8         23.1         21.5         78         -         20         7           13         1011.4         31.9         26.9         24.3         22.3         77         -         230	3	1010.1	28.9	27.3	26.1	23.5	80	Trace	170	18.4
6         1012.1         25.4         24.4         23.4         22.4         89         2.7         90         32           7         1010.6         28.3         25.4         23.7         23.1         88         0.9         40         14           8         1012.3         28.8         25.1         23         22.6         87         -         30         12           9         1015.8         24.3         22.9         21.7         18.9         78         Trace         60         2           10         1017.2         26.8         23.7         21.9         17.3         68         -         70         28           11         1016.1         27.7         24.5         22.8         20.2         77         -         70         16           12         1013.5         30.2         25.8         23.1         21.5         78         -         20         7           13         1011.4         31.9         26.9         24.3         22.3         77         -         230         6.           14         1012         31.4         27.7         25.7         23.3         78         -         130	4	1010.5	28.5	27.2	26.5	23.7	81	Trace	160	20.1
7         1010.6         28.3         25.4         23.7         23.1         88         0.9         40         14           8         1012.3         28.8         25.1         23         22.6         87         -         30         12           9         1015.8         24.3         22.9         21.7         18.9         78         Trace         60         2           10         1017.2         26.8         23.7         21.9         17.3         68         -         70         28           11         1016.1         27.7         24.5         22.8         20.2         77         -         70         16           12         1013.5         30.2         25.8         23.1         21.5         78         -         20         7           13         1011.4         31.9         26.9         24.3         22.3         77         -         230         6.           14         1012         31.4         27.7         25.7         23.3         78         -         130         9.           15         1013         30.3         27.7         26.2         23.6         79         -         220	5	1011.9	29.3	26.5	24.7	22.9	81	0.3	110	26.2
8       1012.3       28.8       25.1       23       22.6       87       -       30       12         9       1015.8       24.3       22.9       21.7       18.9       78       Trace       60       2         10       1017.2       26.8       23.7       21.9       17.3       68       -       70       28         11       1016.1       27.7       24.5       22.8       20.2       77       -       70       16         12       1013.5       30.2       25.8       23.1       21.5       78       -       20       7         13       1011.4       31.9       26.9       24.3       22.3       77       -       230       6.         14       1012       31.4       27.7       25.7       23.3       78       -       130       9.         15       1013       30.3       27.7       26.2       23.6       79       -       220       6.         16       1011.1       31.4       27.9       25.2       23.3       77       -       230       14         17       1009.9       30.9       28.4       27       24.1       78	6	1012.1	25.4	24.4	23.4	22.4	89	2.7	90	32.3
9       1015.8       24.3       22.9       21.7       18.9       78       Trace       60       2         10       1017.2       26.8       23.7       21.9       17.3       68       -       70       28         11       1016.1       27.7       24.5       22.8       20.2       77       -       70       16         12       1013.5       30.2       25.8       23.1       21.5       78       -       20       7         13       1011.4       31.9       26.9       24.3       22.3       77       -       230       6.         14       1012       31.4       27.7       25.7       23.3       78       -       130       9.         15       1013       30.3       27.7       26.2       23.6       79       -       220       6.         16       1011.1       31.4       27.9       25.2       23.3       77       -       230       14         17       1009.9       30.9       28.4       27       24.1       78       -       180       1         18       1008.9       29.5       26.9       24.1       23.1       80 <td>7</td> <td>1010.6</td> <td>28.3</td> <td>25.4</td> <td>23.7</td> <td>23.1</td> <td>88</td> <td>0.9</td> <td>40</td> <td>14.7</td>	7	1010.6	28.3	25.4	23.7	23.1	88	0.9	40	14.7
10       1017.2       26.8       23.7       21.9       17.3       68       -       70       28         11       1016.1       27.7       24.5       22.8       20.2       77       -       70       16         12       1013.5       30.2       25.8       23.1       21.5       78       -       20       7         13       1011.4       31.9       26.9       24.3       22.3       77       -       230       6.         14       1012       31.4       27.7       25.7       23.3       78       -       130       9.         15       1013       30.3       27.7       26.2       23.6       79       -       220       6.         16       1011.1       31.4       27.9       25.2       23.3       77       -       230       14         17       1009.9       30.9       28.4       27       24.1       78       -       180       1         18       1008.9       29.5       26.9       24.1       23.1       80       8.6       190       12         20       1008       29.5       27.6       26.1       23.9       80	8	1012.3	28.8	25.1	23	22.6	87	-	30	12.6
11       1016.1       27.7       24.5       22.8       20.2       77       -       70       16         12       1013.5       30.2       25.8       23.1       21.5       78       -       20       7         13       1011.4       31.9       26.9       24.3       22.3       77       -       230       6.         14       1012       31.4       27.7       25.7       23.3       78       -       130       9.         15       1013       30.3       27.7       26.2       23.6       79       -       220       6.         16       1011.1       31.4       27.9       25.2       23.3       77       -       230       14         17       1009.9       30.9       28.4       27       24.1       78       -       180       1         18       1008.9       29.5       26.9       24.1       23.1       80       8.6       190       12         19       1008.2       29.9       27.6       26.1       23.9       80       2.2       140       28         20       1008       29.5       27.4       23.3       23.9       81 </td <td>9</td> <td>1015.8</td> <td>24.3</td> <td>22.9</td> <td>21.7</td> <td>18.9</td> <td>78</td> <td>Trace</td> <td>60</td> <td>28</td>	9	1015.8	24.3	22.9	21.7	18.9	78	Trace	60	28
12     1013.5     30.2     25.8     23.1     21.5     78     -     20     7       13     1011.4     31.9     26.9     24.3     22.3     77     -     230     6.       14     1012     31.4     27.7     25.7     23.3     78     -     130     9.       15     1013     30.3     27.7     26.2     23.6     79     -     220     6.       16     1011.1     31.4     27.9     25.2     23.3     77     -     230     14       17     1009.9     30.9     28.4     27     24.1     78     -     180     1       18     1008.9     29.5     26.9     24.1     23.1     80     8.6     190     12       19     1008.2     29.9     27.6     26.1     23.9     80     2.2     140     28       20     1008     29.5     27.4     23.3     23.9     81     42.2     140     25       21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3<	10	1017.2	26.8	23.7	21.9	17.3	68	-	70	28.4
13     1011.4     31.9     26.9     24.3     22.3     77     -     230     6.       14     1012     31.4     27.7     25.7     23.3     78     -     130     9.       15     1013     30.3     27.7     26.2     23.6     79     -     220     6.       16     1011.1     31.4     27.9     25.2     23.3     77     -     230     14       17     1009.9     30.9     28.4     27     24.1     78     -     180     1       18     1008.9     29.5     26.9     24.1     23.1     80     8.6     190     12       19     1008.2     29.9     27.6     26.1     23.9     80     2.2     140     28       20     1008     29.5     27.4     23.3     23.9     81     42.2     140     25       21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3	11	1016.1	27.7	24.5	22.8	20.2	77	-	70	16.8
14     1012     31.4     27.7     25.7     23.3     78     -     130     9.       15     1013     30.3     27.7     26.2     23.6     79     -     220     6.       16     1011.1     31.4     27.9     25.2     23.3     77     -     230     14       17     1009.9     30.9     28.4     27     24.1     78     -     180     1       18     1008.9     29.5     26.9     24.1     23.1     80     8.6     190     12       19     1008.2     29.9     27.6     26.1     23.9     80     2.2     140     28       20     1008     29.5     27.4     23.3     23.9     81     42.2     140     25       21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3	12	1013.5	30.2	25.8	23.1	21.5	78	-	20	7
15     1013     30.3     27.7     26.2     23.6     79     -     220     6.       16     1011.1     31.4     27.9     25.2     23.3     77     -     230     14       17     1009.9     30.9     28.4     27     24.1     78     -     180     1       18     1008.9     29.5     26.9     24.1     23.1     80     8.6     190     12       19     1008.2     29.9     27.6     26.1     23.9     80     2.2     140     28       20     1008     29.5     27.4     23.3     23.9     81     42.2     140     25       21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3.	13	1011.4	31.9	26.9	24.3	22.3	77	-	230	6.8
16     1011.1     31.4     27.9     25.2     23.3     77     -     230     14       17     1009.9     30.9     28.4     27     24.1     78     -     180     1       18     1008.9     29.5     26.9     24.1     23.1     80     8.6     190     12       19     1008.2     29.9     27.6     26.1     23.9     80     2.2     140     28       20     1008     29.5     27.4     23.3     23.9     81     42.2     140     25       21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3.	14	1012	31.4	27.7	25.7	23.3	78	-	130	9.1
17     1009.9     30.9     28.4     27     24.1     78     -     180     1       18     1008.9     29.5     26.9     24.1     23.1     80     8.6     190     12       19     1008.2     29.9     27.6     26.1     23.9     80     2.2     140     28       20     1008     29.5     27.4     23.3     23.9     81     42.2     140     25       21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3.	15	1013	30.3	27.7	26.2	23.6	79	-	220	6.4
18     1008.9     29.5     26.9     24.1     23.1     80     8.6     190     12       19     1008.2     29.9     27.6     26.1     23.9     80     2.2     140     28       20     1008     29.5     27.4     23.3     23.9     81     42.2     140     25       21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3.	16	1011.1	31.4	27.9	25.2	23.3	77	-	230	14.1
19     1008.2     29.9     27.6     26.1     23.9     80     2.2     140     28       20     1008     29.5     27.4     23.3     23.9     81     42.2     140     25       21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3.	17	1009.9	30.9	28.4	27	24.1	78	-	180	16
20     1008     29.5     27.4     23.3     23.9     81     42.2     140     25       21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3.	18	1008.9	29.5	26.9	24.1	23.1	80	8.6	190	12.9
21     1009.3     27.2     23.9     21.5     22.1     90     81.6     130     21       22     1008.8     26.9     25.2     23.3     23.4     90     13.2     60     3.	19	1008.2	29.9	27.6	26.1	23.9	80	2.2	140	28.9
22         1008.8         26.9         25.2         23.3         23.4         90         13.2         60         3.	20	1008	29.5	27.4	23.3	23.9	81	42.2	140	25.5
					21.5		90		130	21.5
							90			3.8
		1008	27.2		24.6	23.8	91	40	20	6.5
		1008.9	27.8	25.9		23.8	88			5.3
					24.4	23.9	86	5.7		23.4
	26			27.3		25.1	88	25		25.9
							85	8.0		25.7
		1008.9				23.7	90	12.2	80	28.9
		1008.5	29.9	27.7				-		16.3
30 1005 30.5 28.6 23.1 24.9 81 21.7 190 21	30	1005	30.5	28.6	23.1	24.9	81	21.7	190	21.3

Rainfall measured in increment of 0.5 mm. Amount of < 0.5 mm cannot be detected

Daily Extract of Meteorological Observations , May 2024 - Tseung Kwan O

	Mean		100101061		Moon	Moon	Total	Prevailing	Mean
	Mean				Mean	Mean			
	Pressure	Ai	r Temperatu	ire	Dew	Relative	Rainfall	Wind	Wind
	(hPa)				Point	Humidity	(mm)	Direction	Speed
Day		Absolute	Mean	Absolute	(deg. C)	(%)		(degrees)	(km/h)
		Daily	(deg.C)	Daily					
		Max	(acg.c)	Min					
		(deg. C)		(deg. C)					
1	1008.4	24.5	23.7	22.4	22.3	92	52.9	50	10.1
2	1011.7	25.6	24.6	23.7	22.4	88	1.1	70	33.8
3	1012.2	24.8	24.3	23.7	21.9	87	Trace	80	38.4
4	1009.3	25.4	24	22.4	22.8	93	75.1	90	28.3
5	1010	28.3	25.3	22.8	22.8	86	5.3	60	11
6	1012	31.9	27.7	24.6	24.2	82	-	160	5.3
7	1013.4	31	27.2	25.6	23.4	80	-	70	11.3
8	1014	30.3	26.7	25.1	22.2	76	Trace	50	15.3
9	1015.3	28.5	25.8	25	19.4	68	-	70	37.9
10	1015.1	26.9	25.3	24.2	19.9	72	Trace	80	34.5
11	1013.7	30	26.7	24.8	23	81	Trace	50	17.3
12	1011.7	30.7	27.1	25.3	24.3	85	3.1	40	5.6
13	1011.6	30.3	26.4	23.7	22.6	81	0.7	80	20.5
14	1013.7	29.2	25.5	23.1	18.1	64	-	80	26.4
15	1014.6	30.5	26.4	23.6	18.3	62	-	70	17.4
16	1014.8	29.2	26.2	24.6	17.5	60	-	80	33.8
17	1012.5	28.5	25.9	23.9	20.1	71	Trace	60	19.6
18	1009.6	28.6	26.3	25.1	20.6	71	Trace	70	23.7
19	1007.4	26.3	25.1	24.1	21.9	83	17.5	80	31.8
20	1006.8	25.4	24.5	23.9	23.1	92	30.7	70	42.2
21	1008.3	26.2	25.3	24.1	24.4	95	45.3	80	18.3
22	1008.9	27	26.1	25.2	24.5	91	Trace	50	8
23	1009.4	28.2	25.9	25	24.2	91	2.5	60	15.8
24	1010	26.4	25.3	24.6	24	92	17.6	50	14.9
25	1010.1	27.7	26.3	24.8	24.7	91	7.8	80	13.9
26	1008.3	30.2	27.4	25.7	25	87	0.3	40	8.2
27	1003.8	29.9	28.4	27.3	25.5	85	6.7	210	23.4
28	1002.9	32	28.1	26	24.9	83	8.9	70	15.1
29	1005.8	28.8	25.8	24.6	19.9	70	-	70	51.1
30	1005.9	26.2	25.5	24.6	22.9	86	3.7	60	41.8
31	1006.5	29.8	27.2	25.8	25.7	91	13.4	100	27

Rainfall measured in increment of 0.5 mm. Amount of < 0.5 mm cannot be detected

Daily Extract of Meteorological Observations , June 2024 - Tseung Kwan O

Pressure (hPa)		Mean		teorologi		Mean	Mean	Total	Prevailing	Mean
ChPa			Air Temperature							
Absolute   Mean   Absolute   (deg.C)   (May										
Table	Dan	(hPa)						(mm)		
Max (deg. C)	Day		Absolute	Mean	Absolute	(deg. C)	(%)		(degrees)	(km/h)
1   1007.8   29.8   27.1   25.6   24.9   88   54.2   50   10.1     2   1007.3   30.3   28   25.8   25   84   3.2   70   33.8     3   1008.4   28.2   25.3   23.8   23.6   91   8.6   80   38.4     4   1009.9   24.9   24.1   22.9   21.5   86   2.9   90   28.3     5   1010.2   25.4   24.4   23.4   22.7   90   8.5   60   11     6   1009.4   28.7   26.5   24.7   24.4   88   Trace   160   5.3     7   1007.9   26.6   25.6   25.1   24.2   92   1.6   70   11.3     8   1006.9   28.9   26.3   24.8   24.5   90   6.8   50   15.3     9   1008.3   27.5   26.6   25.3   25.3   93   33.5   70   37.9     10   1008.9   30.7   28.5   26.5   25.6   85   0.2   80   34.5     11   1008.1   30.8   29.1   28.2   26.1   84   0.6   50   17.3     12   1006.9   31.8   29.5   28.1   26.4   83   8.3   4.9   80   20.5     14   1004.1   30.4   29.7   27.7   26.4   82   32   80   26.4     15   1004.6   30   28.2   25   25.6   86   28.3   70   17.4     16   1006.2   30.9   28.8   26.1   26.1   86   17.5   80   33.8     17   1006.6   32.7   30.1   28.6   26.2   80   9.4   80   31.8     20   1005.6   33   30.5   27.9   26.5   27.9   26.1   80   9.4   80   31.8     20   1005.6   33   30.5   27.9   26.5   26.5   26.5   26.5   82   5   70   42.2     21   1006.4   33.8   31.2   29.5   26.3   75   -			Daily	(deg.C)	Daily					
1         1007.8         29.8         27.1         25.6         24.9         88         54.2         50         10.1           2         1007.3         30.3         28         25.8         25         84         3.2         70         33.8           3         1008.4         28.2         25.3         23.8         23.6         91         8.6         80         38.4           4         1009.9         24.9         24.1         22.9         21.5         86         2.9         90         28.3           5         1010.2         25.4         24.4         23.4         22.7         90         8.5         60         11           6         1009.4         28.7         26.5         24.7         24.4         88         Trace         160         5.3           7         1007.9         26.6         25.6         25.1         24.2         92         1.6         70         11.3           8         1006.9         28.9         26.3         24.8         24.5         90         6.8         50         15.3           9         1008.3         27.5         26.6         25.3         25.3         93         33.5			Max		Min					
2         1007.3         30.3         28         25.8         25         84         3.2         70         33.8           3         1008.4         28.2         25.3         23.8         23.6         91         8.6         80         38.4           4         1009.9         24.9         24.1         22.9         21.5         86         2.9         90         28.3           5         1010.2         25.4         24.4         23.4         22.7         90         8.5         60         11           6         1009.4         28.7         26.5         24.7         24.4         88         Trace         160         5.3           7         1007.9         26.6         25.6         25.1         24.2         92         1.6         70         11.3           8         1006.9         28.9         26.3         24.8         24.5         90         6.8         50         15.3           9         1008.3         27.5         26.6         25.3         25.3         93         33.5         70         37.9           10         1008.9         30.7         28.5         26.5         25.6         85         0.2			(deg. C)		(deg. C)					
3         1008.4         28.2         25.3         23.8         23.6         91         8.6         80         38.4           4         1009.9         24.9         24.1         22.9         21.5         86         2.9         90         28.3           5         1010.2         25.4         24.4         23.4         22.7         90         8.5         60         11           6         1009.4         28.7         26.5         24.7         24.4         88         Trace         160         5.3           7         1007.9         26.6         25.6         25.1         24.2         92         1.6         70         11.3           8         106.9         28.9         26.3         24.8         24.5         90         6.8         50         15.3           9         1008.3         27.5         26.6         25.3         25.3         93         33.5         70         37.9           10         1008.9         30.7         28.5         26.5         25.6         85         0.2         80         34.5           11         1006.9         31.8         29.5         28.1         26.4         83         8.3 <td>1</td> <td>1007.8</td> <td>29.8</td> <td>27.1</td> <td>25.6</td> <td>24.9</td> <td>88</td> <td>54.2</td> <td>50</td> <td>10.1</td>	1	1007.8	29.8	27.1	25.6	24.9	88	54.2	50	10.1
4         1009.9         24.9         24.1         22.9         21.5         86         2.9         90         28.3           5         1010.2         25.4         24.4         23.4         22.7         90         8.5         60         11           6         1009.4         28.7         26.5         24.7         24.4         88         Trace         160         5.3           7         1007.9         26.6         25.6         25.1         24.2         92         1.6         70         11.3           8         1006.9         28.9         26.3         24.8         24.5         90         6.8         50         15.3           9         1008.3         27.5         26.6         25.3         25.3         93         33.5         70         37.9           10         1008.9         30.7         28.5         26.5         25.6         85         0.2         80         34.5           11         1008.9         31.8         29.5         28.1         26.4         83         8.3         40         5.6           13         1004.7         32         29.9         28.7         26.8         83         4.9 <td>2</td> <td>1007.3</td> <td>30.3</td> <td>28</td> <td>25.8</td> <td>25</td> <td>84</td> <td>3.2</td> <td>70</td> <td>33.8</td>	2	1007.3	30.3	28	25.8	25	84	3.2	70	33.8
5         1010.2         25.4         24.4         23.4         22.7         90         8.5         60         11           6         1009.4         28.7         26.5         24.7         24.4         88         Trace         160         5.3           7         1007.9         26.6         25.6         25.1         24.2         92         1.6         70         11.3           8         1006.9         28.9         26.3         24.8         24.5         90         6.8         50         15.3           9         1008.3         27.5         26.6         25.3         25.3         93         33.5         70         37.9           10         1008.9         30.7         28.5         26.5         25.6         85         0.2         80         34.5           11         1008.9         31.8         29.1         28.2         26.1         84         0.6         50         17.3           12         1006.9         31.8         29.5         28.1         26.4         83         8.3         40         5.6           13         1004.7         32         29.9         28.7         26.8         83         4.9 <td>3</td> <td>1008.4</td> <td>28.2</td> <td>25.3</td> <td>23.8</td> <td>23.6</td> <td>91</td> <td>8.6</td> <td>80</td> <td>38.4</td>	3	1008.4	28.2	25.3	23.8	23.6	91	8.6	80	38.4
6         1009.4         28.7         26.5         24.7         24.4         88         Trace         160         5.3           7         1007.9         26.6         25.6         25.1         24.2         92         1.6         70         11.3           8         1006.9         28.9         26.3         24.8         24.5         90         6.8         50         15.3           9         1008.3         27.5         26.6         25.3         25.3         93         33.5         70         37.9           10         1008.9         30.7         28.5         26.5         25.6         85         0.2         80         34.5           11         1008.1         30.8         29.1         28.2         26.1         84         0.6         50         17.3           12         1006.9         31.8         29.5         28.1         26.4         83         8.3         40         5.6           13         1004.7         32         29.9         28.7         26.8         83         4.9         80         20.5           14         1004.1         30.4         29.7         27.7         26.4         82         32<	4	1009.9	24.9	24.1	22.9	21.5	86	2.9	90	28.3
7         1007.9         26.6         25.6         25.1         24.2         92         1.6         70         11.3           8         1006.9         28.9         26.3         24.8         24.5         90         6.8         50         15.3           9         1008.3         27.5         26.6         25.3         25.3         93         33.5         70         37.9           10         1008.9         30.7         28.5         26.5         25.6         85         0.2         80         34.5           11         1008.1         30.8         29.1         28.2         26.1         84         0.6         50         17.3           12         1006.9         31.8         29.5         28.1         26.4         83         8.3         40         5.6           13         1004.7         32         29.9         28.7         26.8         83         4.9         80         20.5           14         1004.1         30.4         29.7         27.7         26.4         82         32         80         26.4           15         1004.6         30         28.2         25         25.6         86         28.3	5	1010.2	25.4	24.4	23.4	22.7	90	8.5	60	11
8         1006.9         28.9         26.3         24.8         24.5         90         6.8         50         15.3           9         1008.3         27.5         26.6         25.3         25.3         93         33.5         70         37.9           10         1008.9         30.7         28.5         26.5         25.6         85         0.2         80         34.5           11         1008.1         30.8         29.1         28.2         26.1         84         0.6         50         17.3           12         1006.9         31.8         29.5         28.1         26.4         83         8.3         40         5.6           13         1004.7         32         29.9         28.7         26.8         83         4.9         80         20.5           14         1004.1         30.4         29.7         27.7         26.4         82         32         80         26.4           15         1004.6         30         28.2         25         25.6         86         28.3         70         17.4           16         1006.2         30.9         28.8         26.1         26.1         86         17.5 <td>6</td> <td>1009.4</td> <td>28.7</td> <td>26.5</td> <td>24.7</td> <td>24.4</td> <td>88</td> <td>Trace</td> <td>160</td> <td>5.3</td>	6	1009.4	28.7	26.5	24.7	24.4	88	Trace	160	5.3
9         1008.3         27.5         26.6         25.3         25.3         93         33.5         70         37.9           10         1008.9         30.7         28.5         26.5         25.6         85         0.2         80         34.5           11         1008.1         30.8         29.1         28.2         26.1         84         0.6         50         17.3           12         1006.9         31.8         29.5         28.1         26.4         83         8.3         40         5.6           13         1004.7         32         29.9         28.7         26.8         83         4.9         80         20.5           14         1004.1         30.4         29.7         27.7         26.4         82         32         80         26.4           15         1004.6         30         28.2         25         25.6         86         28.3         70         17.4           16         1006.2         30.9         28.8         26.1         26.1         86         17.5         80         33.8           17         106.6         32.7         30.1         28.6         26.2         80         Trace<	7	1007.9	26.6	25.6	25.1	24.2	92	1.6	70	11.3
10         1008.9         30.7         28.5         26.5         25.6         85         0.2         80         34.5           11         1008.1         30.8         29.1         28.2         26.1         84         0.6         50         17.3           12         1006.9         31.8         29.5         28.1         26.4         83         8.3         40         5.6           13         1004.7         32         29.9         28.7         26.8         83         4.9         80         20.5           14         1004.1         30.4         29.7         27.7         26.4         82         32         80         26.4           15         1004.6         30         28.2         25         25.6         86         28.3         70         17.4           16         1006.2         30.9         28.8         26.1         26.1         86         17.5         80         33.8           17         1006.6         32.7         30.1         28.6         26.2         80         Trace         60         19.6           18         1005.9         32.1         29.9         27.6         26.3         81         4.6	8	1006.9	28.9	26.3	24.8	24.5	90	6.8	50	15.3
11         1008.1         30.8         29.1         28.2         26.1         84         0.6         50         17.3           12         1006.9         31.8         29.5         28.1         26.4         83         8.3         40         5.6           13         1004.7         32         29.9         28.7         26.8         83         4.9         80         20.5           14         1004.1         30.4         29.7         27.7         26.4         82         32         80         26.4           15         1004.6         30         28.2         25         25.6         86         28.3         70         17.4           16         1006.2         30.9         28.8         26.1         26.1         86         17.5         80         33.8           17         1006.6         32.7         30.1         28.6         26.2         80         Trace         60         19.6           18         1005.9         32.1         29.9         27.6         26.3         81         4.6         70         23.7           19         1005.7         32.2         30         28         26.2         80         9.4 <td>9</td> <td>1008.3</td> <td>27.5</td> <td>26.6</td> <td>25.3</td> <td>25.3</td> <td>93</td> <td>33.5</td> <td>70</td> <td>37.9</td>	9	1008.3	27.5	26.6	25.3	25.3	93	33.5	70	37.9
12         1006.9         31.8         29.5         28.1         26.4         83         8.3         40         5.6           13         1004.7         32         29.9         28.7         26.8         83         4.9         80         20.5           14         1004.1         30.4         29.7         27.7         26.4         82         32         80         26.4           15         1004.6         30         28.2         25         25.6         86         28.3         70         17.4           16         1006.2         30.9         28.8         26.1         26.1         86         17.5         80         33.8           17         1006.6         32.7         30.1         28.6         26.2         80         Trace         60         19.6           18         1005.9         32.1         29.9         27.6         26.3         81         4.6         70         23.7           19         1005.7         32.2         30         28         26.2         80         9.4         80         31.8           20         1005.6         33         30.8         28.7         25.9         76         -	10	1008.9	30.7	28.5	26.5	25.6	85	0.2	80	34.5
13         1004.7         32         29.9         28.7         26.8         83         4.9         80         20.5           14         1004.1         30.4         29.7         27.7         26.4         82         32         80         26.4           15         1004.6         30         28.2         25         25.6         86         28.3         70         17.4           16         1006.2         30.9         28.8         26.1         26.1         86         17.5         80         33.8           17         1006.6         32.7         30.1         28.6         26.2         80         Trace         60         19.6           18         1005.9         32.1         29.9         27.6         26.3         81         4.6         70         23.7           19         1005.7         32.2         30         28         26.2         80         9.4         80         31.8           20         1005.6         33         30         27.3         26.5         82         5         70         42.2           21         1006         34         30.8         28.7         25.9         76         -         <	11	1008.1	30.8	29.1	28.2	26.1	84	0.6	50	17.3
14         1004.1         30.4         29.7         27.7         26.4         82         32         80         26.4           15         1004.6         30         28.2         25         25.6         86         28.3         70         17.4           16         1006.2         30.9         28.8         26.1         26.1         86         17.5         80         33.8           17         1006.6         32.7         30.1         28.6         26.2         80         Trace         60         19.6           18         1005.9         32.1         29.9         27.6         26.3         81         4.6         70         23.7           19         1005.7         32.2         30         28         26.2         80         9.4         80         31.8           20         1005.6         33         30         27.3         26.5         82         5         70         42.2           21         1006         34         30.8         28.7         25.9         76         -         80         18.3           22         1006.4         33.8         31.2         29.5         26.3         75         -         <	12	1006.9	31.8	29.5	28.1	26.4	83	8.3	40	5.6
15         1004.6         30         28.2         25         25.6         86         28.3         70         17.4           16         1006.2         30.9         28.8         26.1         26.1         86         17.5         80         33.8           17         1006.6         32.7         30.1         28.6         26.2         80         Trace         60         19.6           18         1005.9         32.1         29.9         27.6         26.3         81         4.6         70         23.7           19         1005.7         32.2         30         28         26.2         80         9.4         80         31.8           20         1005.6         33         30         27.3         26.5         82         5         70         42.2           21         1006         34         30.8         28.7         25.9         76         -         80         18.3           22         1006.4         33.8         31.2         29.5         26.3         75         -         50         8           23         1006.7         33.9         30.5         27.9         26.1         78         4.7 <td< td=""><td>13</td><td>1004.7</td><td>32</td><td>29.9</td><td>28.7</td><td>26.8</td><td>83</td><td>4.9</td><td>80</td><td>20.5</td></td<>	13	1004.7	32	29.9	28.7	26.8	83	4.9	80	20.5
16         1006.2         30.9         28.8         26.1         26.1         86         17.5         80         33.8           17         1006.6         32.7         30.1         28.6         26.2         80         Trace         60         19.6           18         1005.9         32.1         29.9         27.6         26.3         81         4.6         70         23.7           19         1005.7         32.2         30         28         26.2         80         9.4         80         31.8           20         1005.6         33         30         27.3         26.5         82         5         70         42.2           21         1006         34         30.8         28.7         25.9         76         -         80         18.3           22         1006.4         33.8         31.2         29.5         26.3         75         -         50         8           23         1006.7         33.9         30.5         27.9         26.1         78         4.7         60         15.8           24         1007.3         33.4         30.8         28.8         26.2         77         0.3	14	1004.1	30.4	29.7	27.7	26.4	82	32	80	26.4
17         1006.6         32.7         30.1         28.6         26.2         80         Trace         60         19.6           18         1005.9         32.1         29.9         27.6         26.3         81         4.6         70         23.7           19         1005.7         32.2         30         28         26.2         80         9.4         80         31.8           20         1005.6         33         30         27.3         26.5         82         5         70         42.2           21         1006         34         30.8         28.7         25.9         76         -         80         18.3           22         1006.4         33.8         31.2         29.5         26.3         75         -         50         8           23         1006.7         33.9         30.5         27.9         26.1         78         4.7         60         15.8           24         1007.3         33.4         30.8         28.8         26.2         77         0.3         50         14.9           25         1009.2         33.2         30.1         26.5         26         79         19	15	1004.6	30	28.2	25	25.6	86	28.3	70	17.4
18         1005.9         32.1         29.9         27.6         26.3         81         4.6         70         23.7           19         1005.7         32.2         30         28         26.2         80         9.4         80         31.8           20         1005.6         33         30         27.3         26.5         82         5         70         42.2           21         1006         34         30.8         28.7         25.9         76         -         80         18.3           22         1006.4         33.8         31.2         29.5         26.3         75         -         50         8           23         1006.7         33.9         30.5         27.9         26.1         78         4.7         60         15.8           24         1007.3         33.4         30.8         28.8         26.2         77         0.3         50         14.9           25         1009.2         33.2         30.1         26.5         26         79         19         80         13.9           26         1011.3         34         30.4         27.9         26.2         79         -         40 <td>16</td> <td>1006.2</td> <td>30.9</td> <td>28.8</td> <td>26.1</td> <td>26.1</td> <td>86</td> <td>17.5</td> <td>80</td> <td>33.8</td>	16	1006.2	30.9	28.8	26.1	26.1	86	17.5	80	33.8
19     1005.7     32.2     30     28     26.2     80     9.4     80     31.8       20     1005.6     33     30     27.3     26.5     82     5     70     42.2       21     1006     34     30.8     28.7     25.9     76     -     80     18.3       22     1006.4     33.8     31.2     29.5     26.3     75     -     50     8       23     1006.7     33.9     30.5     27.9     26.1     78     4.7     60     15.8       24     1007.3     33.4     30.8     28.8     26.2     77     0.3     50     14.9       25     1009.2     33.2     30.1     26.5     26     79     19     80     13.9       26     1011.3     34     30.4     27.9     26.2     79     -     40     8.2       27     1010.9     34.4     30.7     28.4     26.5     79     1.4     210     23.4       28     1008.9     34.2     31     28.9     26     75     1.6     70     15.1       29     1007.6     31.5     29.2     26.8     25.8     82     15.5     70     51.	17	1006.6	32.7	30.1	28.6	26.2	80	Trace	60	19.6
20         1005.6         33         30         27.3         26.5         82         5         70         42.2           21         1006         34         30.8         28.7         25.9         76         -         80         18.3           22         1006.4         33.8         31.2         29.5         26.3         75         -         50         8           23         1006.7         33.9         30.5         27.9         26.1         78         4.7         60         15.8           24         1007.3         33.4         30.8         28.8         26.2         77         0.3         50         14.9           25         1009.2         33.2         30.1         26.5         26         79         19         80         13.9           26         1011.3         34         30.4         27.9         26.2         79         -         40         8.2           27         1010.9         34.4         30.7         28.4         26.5         79         1.4         210         23.4           28         1008.9         34.2         31         28.9         26         75         1.6         70 <td>18</td> <td>1005.9</td> <td>32.1</td> <td>29.9</td> <td>27.6</td> <td>26.3</td> <td>81</td> <td>4.6</td> <td>70</td> <td>23.7</td>	18	1005.9	32.1	29.9	27.6	26.3	81	4.6	70	23.7
21     1006     34     30.8     28.7     25.9     76     -     80     18.3       22     1006.4     33.8     31.2     29.5     26.3     75     -     50     8       23     1006.7     33.9     30.5     27.9     26.1     78     4.7     60     15.8       24     1007.3     33.4     30.8     28.8     26.2     77     0.3     50     14.9       25     1009.2     33.2     30.1     26.5     26     79     19     80     13.9       26     1011.3     34     30.4     27.9     26.2     79     -     40     8.2       27     1010.9     34.4     30.7     28.4     26.5     79     1.4     210     23.4       28     1008.9     34.2     31     28.9     26     75     1.6     70     15.1       29     1007.6     31.5     29.2     26.8     25.8     82     15.5     70     51.1	19	1005.7	32.2	30	28	26.2	80	9.4	80	31.8
22     1006.4     33.8     31.2     29.5     26.3     75     -     50     8       23     1006.7     33.9     30.5     27.9     26.1     78     4.7     60     15.8       24     1007.3     33.4     30.8     28.8     26.2     77     0.3     50     14.9       25     1009.2     33.2     30.1     26.5     26     79     19     80     13.9       26     1011.3     34     30.4     27.9     26.2     79     -     40     8.2       27     1010.9     34.4     30.7     28.4     26.5     79     1.4     210     23.4       28     1008.9     34.2     31     28.9     26     75     1.6     70     15.1       29     1007.6     31.5     29.2     26.8     25.8     82     15.5     70     51.1	20	1005.6	33	30	27.3	26.5	82	5	70	42.2
23     1006.7     33.9     30.5     27.9     26.1     78     4.7     60     15.8       24     1007.3     33.4     30.8     28.8     26.2     77     0.3     50     14.9       25     1009.2     33.2     30.1     26.5     26     79     19     80     13.9       26     1011.3     34     30.4     27.9     26.2     79     -     40     8.2       27     1010.9     34.4     30.7     28.4     26.5     79     1.4     210     23.4       28     1008.9     34.2     31     28.9     26     75     1.6     70     15.1       29     1007.6     31.5     29.2     26.8     25.8     82     15.5     70     51.1	21	1006	34	30.8	28.7	25.9	76	-	80	18.3
24     1007.3     33.4     30.8     28.8     26.2     77     0.3     50     14.9       25     1009.2     33.2     30.1     26.5     26     79     19     80     13.9       26     1011.3     34     30.4     27.9     26.2     79     -     40     8.2       27     1010.9     34.4     30.7     28.4     26.5     79     1.4     210     23.4       28     1008.9     34.2     31     28.9     26     75     1.6     70     15.1       29     1007.6     31.5     29.2     26.8     25.8     82     15.5     70     51.1	22	1006.4	33.8	31.2	29.5	26.3	75	-	50	8
25     1009.2     33.2     30.1     26.5     26     79     19     80     13.9       26     1011.3     34     30.4     27.9     26.2     79     -     40     8.2       27     1010.9     34.4     30.7     28.4     26.5     79     1.4     210     23.4       28     1008.9     34.2     31     28.9     26     75     1.6     70     15.1       29     1007.6     31.5     29.2     26.8     25.8     82     15.5     70     51.1	23	1006.7	33.9	30.5	27.9	26.1	78	4.7	60	15.8
26     1011.3     34     30.4     27.9     26.2     79     -     40     8.2       27     1010.9     34.4     30.7     28.4     26.5     79     1.4     210     23.4       28     1008.9     34.2     31     28.9     26     75     1.6     70     15.1       29     1007.6     31.5     29.2     26.8     25.8     82     15.5     70     51.1	24	1007.3	33.4	30.8	28.8	26.2	77	0.3	50	14.9
27     1010.9     34.4     30.7     28.4     26.5     79     1.4     210     23.4       28     1008.9     34.2     31     28.9     26     75     1.6     70     15.1       29     1007.6     31.5     29.2     26.8     25.8     82     15.5     70     51.1	25	1009.2	33.2	30.1	26.5	26	79	19	80	13.9
28     1008.9     34.2     31     28.9     26     75     1.6     70     15.1       29     1007.6     31.5     29.2     26.8     25.8     82     15.5     70     51.1	26	1011.3	34	30.4	27.9	26.2	79	-	40	8.2
29 1007.6 31.5 29.2 26.8 25.8 82 15.5 70 51.1	27	1010.9	34.4	30.7	28.4	26.5	79	1.4	210	23.4
	28	1008.9	34.2	31	28.9	26	75	1.6	70	15.1
30     1006.6     32     30.3     27.7     26.3     79     8.7     60     41.8	29	1007.6	31.5	29.2	26.8	25.8	82	15.5	70	51.1
	30	1006.6	32	30.3	27.7	26.3	79	8.7	60	41.8

Rainfall measured in increment of 0.5 mm. Amount of < 0.5 mm cannot be detected



# **Figures**

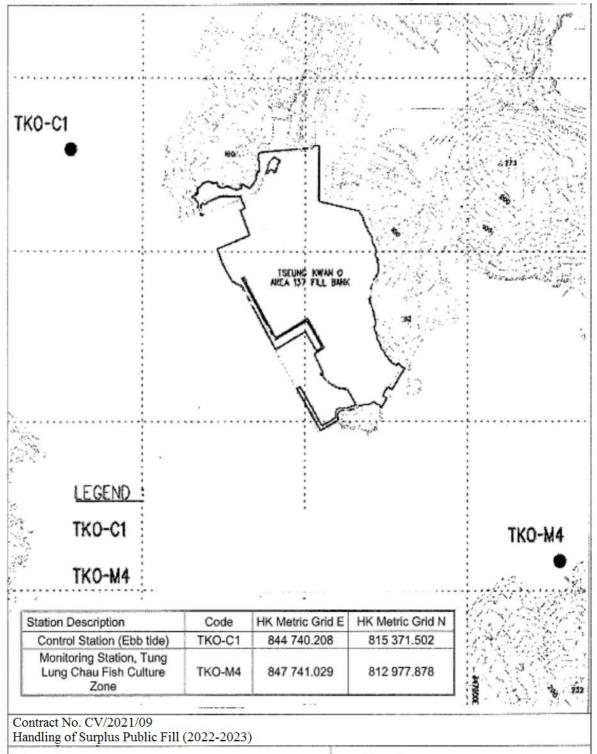
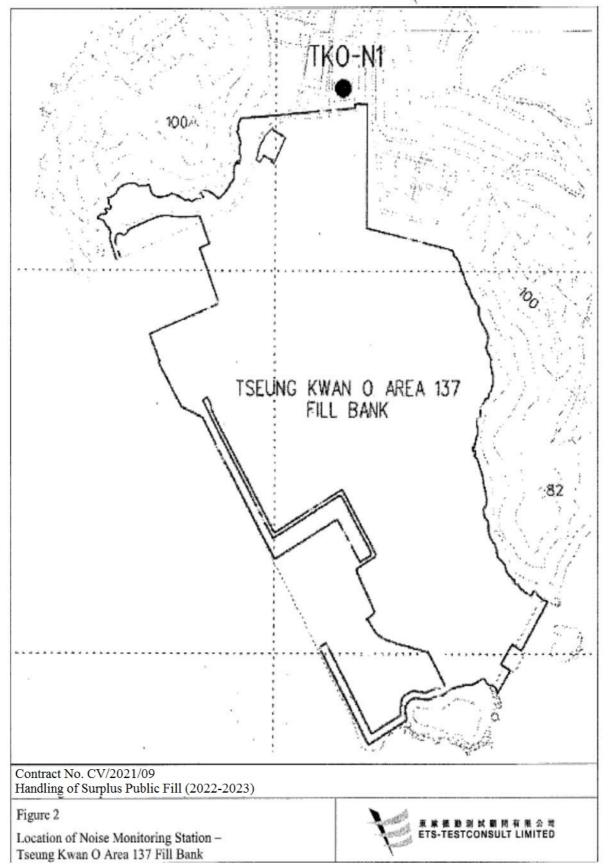


Figure 1

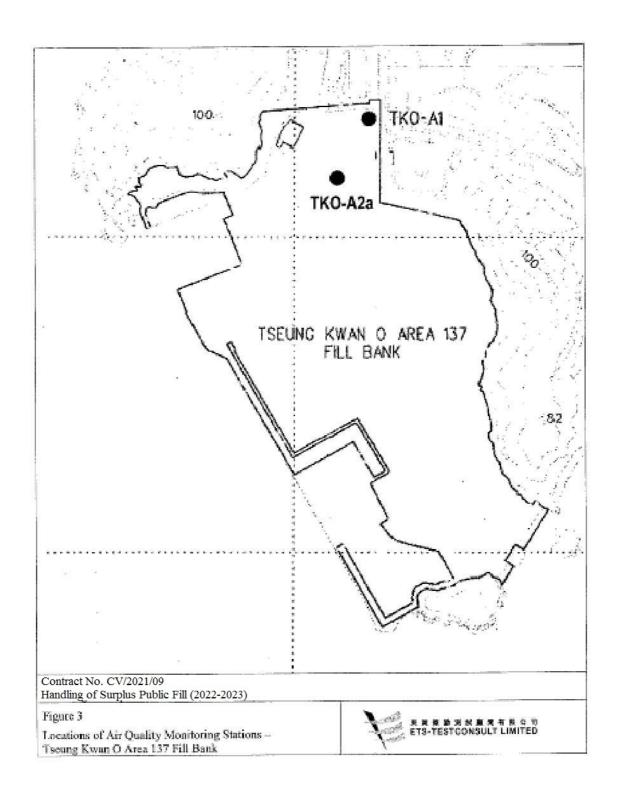
Locations of Water Quality Monitoring Stations -Tseung Kwan O Area 137 Fill Bank

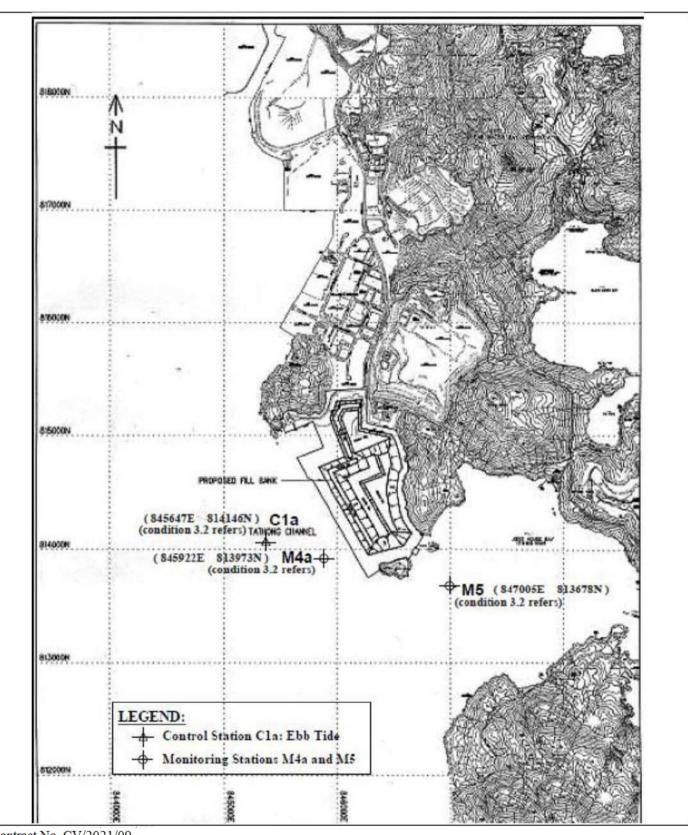


東北海西湖試輸問有限公司 ETS-TESTCONSULT LIMITED









Contract No. CV/2021/09 Handling of Surplus Public Fill (2022-2023)

Figure 4 Locations of Additional Water Quality Monitoring Stations (3RS project) Tseung Kwan O Area 137 Fill Bank

