

Quarterly EM&A Report (May 2022- July 2022)

0185/21/ED/0438 03

Sai O Trunk Sewer Sewage Pumping Station





Ref.: SHKSOSPSEM00_0_0063L.23

10 February 2023

By Fax (2827 0485)

Sun Hung Kai Properties Ltd. 42/F., Sun Hung Kai Centre 30 Harbour Road, Wan Chai, Hong Kong

Attention: Mr. Sunny Cheung

Dear Sir,

Re: Sai O Trunk Sewer Sewage Pumping Station

Environmental Permit No. EP-597/2021

Quarterly EM&A Report (May 2022 to July 2022)

Reference is made to the Environmental Team's submission of the Quarterly EM&A Report for May 2022 to July 2022 (ET's ref.:0185/21/ED/0438 03) certified by the ET Leader and provided to us via e-mail on 11 January 2023.

We are pleased to inform you that we have no further comments on the captioned submission. We write to verify the captioned submission in accordance with Condition 3.4 of EP-597/2021 and Section 12.1.1.2 of EM&A Manual for the captioned project.

Thank you very much for your attention and please feel free to contact the undersigned should you require further information.

Yours sincerely, For and on behalf of Ramboll Hong Kong Ltd.

Y H Hui

Independent Environmental Checker

C.C.

AECOM

Ms. Janice Tam / Mr. CK Man

(By Fax: 3894 5801)

Fugro SGJV Mr. Calvin Leung Mr. Eddie Tse (By Fax: 2450 6138)

(By Fax: 3894 5801)

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Document Control

Document Information

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Client Information

Client	Light Time Investments Limited
Client Address	42/F, Sun Hung Kei Centre, 30 Harbour, Wan Chai, Hong Kong
Client Contact	Mr. Sunny Cheung

Environmental Team

Initials	Name	Role	Signature
MP	Calvin M.P. Leung	Environmental Team Leader	Cabin Leung
СҮ	Cyrus C.Y. Lai	Senior Environmental Consultant	
WC	Roy W.C. Cheung	Assistant Environmental Consultant	Pas
MS	Michelle T. Shum	Assistant Environmental Consultant	51.

Executive Summary

- i. This Quarterly Environmental Monitoring and Audit (EM&A) Report is prepared for Sai O Trunk Sewer Sewage Pumping Station. Light Time Investments Limited has appointed Fugro Technical Services Limited (FTS) to undertake the Environmental Team services for the project and implement the EM&A works.
- ii. This is the 2nd Quarterly EM&A Report presents the environmental monitoring and audit works for the period between 1st May 2022 and 31st July 2022. The major activities in the reporting period informed by the Contractor are summarized in **Table I**.

Table I: Major construction activities undertaken in the reporting period

	May 2022	June 2022	July 2022
Sai O Pumping Station	 Pump Room – ELS Site Clearance, Tree Felling and site setting up Pre-grouting 	Pump Room – ELSPre-groutingClutch pipe pile and king post	Pump Room – ELS • Clutch pipe pile and king post

Breaches of Action and Limit Levels

- iii. No Action/ Limit Level exceedance was recorded for 1-hr of impact air quality at the site area in the reporting quarter.
- iv. No Action/ Limit Level exceedance was recorded for impact noise monitoring at the site area in the reporting quarter.

Complaint, Notification of Summons and Successful Prosecution

v. Referring to the Contractor's information, no environmental complaint, notification of summons and successful prosecution was received in the reporting quarter.

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1. INTRODUCTION

1.1 Background

- 1.1.1 The proposed Sai O Trunk Sewer Sewage Pumping Station (Sai O Trunk Sewer SPS) is a part of Public Works Programme Item 4125DS Tolo Harbour Sewerage of Unsewered Areas, Stage II, is a core component of the proposed trunk sewerage system in Ma On Shan along Sai Sha Road. It is required to receive all sewage flows along Sai Sha Road from Kei Ling Ha Lo Wai to Cheung Muk Tau and the adjacent residential development, health care institution and education institutions, and then convey the sewage to Sha Tin Sewage Treatment Works.
- 1.1.2 Based on the latest design, the installed capacity per day of the proposed Sai O Trunk Sewer SPS is about 20,600m³ for coping with the sewerage needs of both existing and future developments. Location of the proposed Sai O Trunk Sewer SPS is shown in **Figure 1**.
- 1.1.3 The proposed Sai O Trunk Sewer SPS include the following main components:
 - Loading/unloading bay
 - Inlet chamber
 - Coarse screen channel
 - Distribution chamber
 - Wet wells
 - Valve chamber
 - Emergency storage tank
 - Deodorizing unit
 - Switch room
 - Transformer room
- 1.1.4 The Project is a designated project under Schedule 2 of the Environmental Impact Assessment Ordinance (EIAO) (Cap. 499) for which Environmental Impact Assessment (EIA) report and Environmental Monitoring and Audit (EM&A) Manual was approved by EPD (Register No.: AEIAR-230/2021) on 4 June 2021. The Environmental Permit (EP) (EP No. EP-597/2021) was issued by EPD on 28 September 2021.
- 1.1.5 Fugro Technical Services Limited (FTS) has been appointed as the Environmental Team (ET) by Light Time Investments Limited to undertake the Environmental Team services for the Project and implement the EM&A works under Sai O Trunk Sewer Sewage Pumping Station (hereinafter referred as "the Project").



1.1.6 This is the Second Quarterly EM&A Report prepared by FTS. This report presents a summary of the environmental monitoring and audit works, list of activities and mitigation measures proposed by the ET for the Project in 1st May 2022 to 31st July 2022.

1.2 Project Organization

1.2.1 The key personnel contact information for the Project are summarized in **Table 1.1**.

Table 1.1: Contact Information of Key Personnel

Party	Position	Name	Telephone
Project Proponent (PP) (Light Time Investments Ltd.)	Senior Project Manager	Mr. Sunny Cheung	3894 5934
Engineer's Representative (ER) (AECOM Asia Co. Ltd.)	Senior Resident Engineer	Mr. C.K. Man	3894 5919
Independent Environmental Checker (IEC) (Ramboll Hong Kong Ltd.)	Independent Environmental Checker	Mr. Y.H. Hui	3465 2888
Contractor (Sanfield-Gammon Construction JV Company Ltd.)	Environmental Officer	MS. Carrie Kwan	3894 5816
Environmental Team (ET) (Fugro Technical Services Ltd.)	Environmental Team Leader (ETL)	Mr. Calvin Leung	3565 4441

1.3 Construction Programme and Activities

1.3.1 The construction programme of this project is shown in **Appendix A**.

Table 1.2: Major construction activities undertaken in the reporting period table

	May 2022	June 2022	July 2022
Sai O Pumping Station	 Pump Room – ELS Site Clearance, Tree Felling and site setting up Pre-grouting 	 Pump Room – ELS Pre-grouting Clutch pipe pile and king post 	Pump Room – ELS • Clutch pipe pile and king post



1.4 Status of Environmental Licenses, Notifications and Permits

1.4.1 A summary of the relevant environmental licenses, permits and/or notifications on environmental protection for this Contract is presented in **Table 1.3**.

Table 1.3: Relevant Environmental Licenses, Permits and/or Notifications

Environmental License / Permit / Notification	Reference Number	Valid From	Valid Till
Environmental Permit	EP-597/2021	28-Sep-2021	NA
Notification of Construction Works under APCO	432718	18-Apr-2018	31-May-2023
Billing Account under Construction Waste Disposal Charging Scheme	7031695	28-Aug-2018	NA
F(f) D'	WT00040139-2021	11-Mar-2022	31-Mar-2027
Effluent Discharge License under WPCO	Application Ref. 477918	Being processed by EPD	NA
Chemical Waste Producer Registration	8334-741-S4115-01	14-Aug-2018	31-Aug-2023
Construction Noise Permit	GW-RN0629-22	1-Aug-2022	31-Oct-2022

Notes:

NA=Not Applicable



2. SUMMARY OF EM&A REQUIREMENT AND MONITORING RESULTS

2.1 Monitoring Requirement

- 2.1.1 In accordance with the EM&A Manual, 1-hour Total Suspended Particulates (TSP) levels should be measured at the designated air quality monitoring station to ensure that any deteriorating air quality could be readily detected and timely action shall be undertaken to rectify such situation. Impact 1-hour TSP monitoring was conducted for at least three times every 6 days when the highest dust impact occurs.
- 2.1.2 In accordance with the EM&A Manual, Leq (30min) monitoring is conducted at least once a week when there are Project-related construction activities being undertaken within a radius of 300 m from the monitoring stations. The monitoring is conducted during the construction phase between 0700 and 1900 on normal weekdays at the designated monitoring locations.

2.2 Monitoring Locations

- 2.2.1 In accordance with the approved EM&A Manual, air quality monitoring should be carried out at a designated monitoring location.
- 2.2.2 As limitation of stable electricity supply & safety concern could not be obtained from the designated dust monitoring location, an alternative monitoring location (CA_M1(a)) was proposed to measure 1-hour TSP levels in accordance with EP Condition 3.1 & Section 2.2.1.20 of the EM&A manual. The alternative monitoring location (CA_M1(a)) was approved by EPD on 15 December 2021.
- 2.2.3 The air quality monitoring location is summarized in **Table 2.1** and shown in **Figure 2**.

Table 2.1: Summary of Impact Air Quality Monitoring Stations

Monitoring Location ID	Location
CA_M1(a)	Construction Site Boundary near Hong Kong Baptist Theological Seminary (HKBTS) Staff & Students Quarters

- 2.2.4 In accordance with the EM&A Manual, noise monitoring should be carried out at 2 designated monitoring locations.
- 2.2.5 The noise monitoring locations are summarized in **Table 2.2** and shown in **Figure 3**.

Table 2.2: Summary of Impact Noise Monitoring Stations

Monitoring Location ID	Location	Type of Measurement*
CN_M1	In front of the HKBTS Staff & Students Quarters	Free Field
CN_M2	In front of the HKBTS Administration and Education Block	Façade

Note: Correction of +3 dB(A) shall be made to the free field measurements.



2.3 Results and Observations

2.3.1 The Action and Limit Levels of air quality monitoring are summarized in **Table 2.3**.

Table 2.3: Action and Limit Level for Impact Air Quality Monitoring

Monitoring Station	Action Level (μg/ m³)	Limit Level (μg/ m³)							
1-hour TSP									
CA_M1(a)	339	500							

2.3.2 The results of impact 1-hr TSP monitoring in this reporting quarter are summarized in **Table 2.4**. Graphical presentation of the monitoring result in the reporting quarter is given in **Appendix B.**

Table 2.4: Summary of Impact Air Quality Monitoring Results

Reporting Month	Monitoring Station	Average (μg/m³)	Range (μg/ m³)	Action Level (μg/ m³)	Limit Level (μg/ m³)
May 2022		147.9	71.1 – 286.0		
June 2022	CA_M1(a)	117.1	76.5 – 193.7	339	500
July 2022		104	61.2 – 174.2		

- 2.3.3 The Event and Action Plan for Air Quality is given in **Appendix C**
- 2.3.4 Summary of impact air quality exceedances recorded in the reporting quarter at each impact monitoring station is given in **Table 2.5**. No Action/ Limit Level exceedance was recorded during the reporting period.

Table 2.5: Summary of Impact Air Quality Exceedances

Monitoring Station	Exceedance Level	No. of Exceedances
CA M1(a)	Action	0
CA_M1(a)	Limit	0
Total	Action	0
Total	Limit	0



2.3.5 The Action and Limit Levels of impact noise monitoring are summarized in **Table 2.6**.

Table 2.6: Action and Limit Levels for Impact Noise Monitoring

Parameter	Frequency
LAeq (30 min) (L10 and L90 will be recorded for reference)	At each station at 0700-1900 hours on normal weekdays at a frequency of once a week when construction activities are underway

- 2.3.6 The results of impact noise monitoring in this reporting quarter are summarized in **Table 2.7**. Graphical presentation of the monitoring result is given in **Appendix B.**
- 2.3.7 The Event and Action Plan for Construction Noise is given in **Appendix C**.

Table 2.7: Summary of Impact Noise Monitoring Results

Reporting Month	Monitoring Station	Average (μg/m³)	Range (μg/ m³)	Action Level (μg/ m³)	Limit Level (μg/ m³)
Mar. 2022	CN_M1	61.7 – 64.6	63.0		
May 2022	CN_M2	56.1 – 60.7	58.4		70dB(A) during normal
1 2022	CN_M1	62.8 – 69.1	66.2	When one documented	teaching period
June 2022	CN_M2	58.7 – 64.9 63.5	63.5	complaint is received	and 65 dB(A) during
1.1. 2022	CN_M1	64.8 – 67.8	66.6	received	examination periods
July 2022	CN_M2	61.4 – 62.9	62.4		F 3 O 400

2.3.8 Summary of impact noise exceedances recorded in the reporting quarter at each impact monitoring station are presented in **Table 2.8**. No exceedance was recorded during the reporting period.

Table 2.8: Summary of Impact Noise Exceedances

Monitoring Station	Exceedance Level	No. of Exceedance
CN M1	Action	0
CN_M1	Limit	0
CNI MO	Action	0
CN_M2	Limit	0

2.3.9 Road traffic noise along Ning Ming Road was observed at CN_M1 & CN_M2 during the monitoring month. No effect that arose from the other special phenomena was noted during the current monitoring month.



2.3.10 The noise monitoring data was compared with the EIA predictions as summarized in **Table 2.9.**

Table 2.9: Comparison of Noise Monitoring Data with EIA Predictions

Reporting Month	Monitoring Station	EIA ID	Maximum Predicted Mitigated Construction Noise Level L _{eq} (30min) dB(A)	Maximum Construction Noise Level in the Reporting Month
May 2022	CN_M1	N1b	72	64.6
May 2022	CN_M2	N2	66	60.7
L 2022	CN_M1	N1b	72	69.1
June 2022	CN_M2	N2	66	64.9
lub. 2022	CN_M1	N1b	72	67.8
July 2022	CN_M2	N2	66	62.9

2.3.11 The construction noise monitoring result at CN_M1 and CN_M2 were below the Maximum Predicted Mitigated Construction Noise Level in the approved Environmental Impact Assessment (EIA) Report (Register No.: AEIAR-230/2021).



3. SITE INSPECTION AND AUDIT

3.1 Site Inspection

- 3.1.1 Site audits were carried out weekly to ensure that appropriate environmental protection and pollution control mitigation measures are properly implemented for the construction works activities associated with the Project.
- 3.1.2 A summary of the mitigation measures implementation schedule is provided in **Appendix D**.
- 3.1.3 In the reporting quarter, weekly site inspections were carried out. No outstanding issues were reported during the reporting quarter.
- 3.1.4 Details of observations recorded during the site inspections are presented in **Table 3.1**.

Table 3.1: Observations and Recommendations of Site Audit

Parameters	Date	Observations and Recommendations
Air Ourlie	25 th May 2022	The NRMM Label of the Mobile generator should be replaced
Air Quality	25 th July 2022	Frequency of water spray shall be increased to reduce dust impact
Noise	16 th May 2022	The contractor was reminded to minimize noise activities conducted during the examination period o HKBTS
Water Quality	Not Applicable	No particular observation
Chemical and Waste Management	6 th June 2022	Drip tray shall be provided for chemicals/ oil container to prevent chemical leakage
Landscape and Visual Impact	Not Applicable	No particular observation
Permit / Licenses	Not Applicable	No particular observation
Others	Not Applicable	No particular observation



3.2 Advice on the Solid and Liquid Waste Management Status

- 3.2.1 The Contractor registered as a chemical waste producer for the Contract. Sufficient numbers of receptacles were available for general refuse collection and sorting.
- 3.2.2 The quarterly summary of waste flow table is detailed in **Appendix E**.
- 3.2.3 If off-site disposal is required, the excavated marine mud from the land-based works shall be disposed of at the designated disposal site within Hong Kong as allocated by the Marine Fill Committee or other locations as agreed by the Director. The Contractor shall ensure no spilling and overflowing of materials during loading / unloading / transportation is allowed.
- 3.2.4 The Contractor was reminded that chemical waste should be properly treated and stored temporarily in designated chemical waste storage area on site in accordance with the Code of Practice on the Packing, Labelling and Storage of Chemical Waste.



4. NON-COMPLIANCE, COMPLAINTS, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTIONS

- 4.1 Non-compliance (Exceedances of Action & Limit levels)
- 4.1.1 No Action / Limit Levels exceedance was recorded for 1-hr TSP at CA_M1(a) in the reporting month.
- 4.1.2 No Action / Limit Level exceedance was recorded for construction noise at CN_M1 & CN_M2 in the reporting month.
- 4.2 Complaints, Notification of Summons and Prosecution
- 4.2.1 No environmental complaint, notification of summons and successful prosecution were received in the reporting quarter.
- 4.2.2 Cumulative complaint log, summaries of complaints, notification of summons and successful prosecutions are presented in **Appendix F**.
- 4.2.3 No corrective actions were required.



5. IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURE

5.1 Implementation Status

5.1.1 The Contractor had implemented environmental mitigation measures and requirements as stated in the EIA Report, the EP and EM&A Manual. **Appendix F** summarized the Implementation Status of Environmental Mitigation Measures.



6. CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

- 6.1.1 Air quality impact monitoring were carried out in the reporting quarter. No exceedance was recorded.
- 6.1.2 Noise impact monitoring were carried out in the reporting quarter. No exceedance was recorded.
- 6.1.3 Thirteen weekly site inspection were carried out in May 2022, June 2022 and July 2022.

 Recommendations on mitigation measures for Permit/ Licenses were given to the Contractor for remediating the deficiencies identified during the site inspections.
- 6.1.4 Six landscape and visual site audits were carried out in the reporting period.

 Recommendations on mitigation measures for Permit / Licenses were given to the Contractor for remediating the deficiencies identified during the site inspections.
- 6.1.5 Referring to the Contractor's information, no environmental complaint, notification of summons and successful prosecution was received in the reporting month.

6.2 Comment and Recommendations

- 6.2.1 The recommended environmental mitigation measures, as proposed in the EA report and EM&A Manual shall be effectively implemented to minimize the potential environment impacts from the Project. The EM&A programme would effectively monitor the environmental impacts generated from the construction activities and ensure the proper implementation of mitigation measures.
- 6.2.2 According to the environmental audit performed in the reporting quarter, the following recommendations were made:

Air Quality Impact

- The contractor was reminded to replace the NRMM Label of the Mobile generator.
- Frequency of water spray shall be increased to reduce the dust impact.

Construction Noise Impact

• The contractor was reminded to minimize the noise activities conducted during the examination period of HKBTS.

Water Quality Impact

• No specific observation was identified in the reporting quarter.



Chemical and Waste Management

• The contractor was reminded to provide drip tray for the chemical / oil containers to prevent chemical leakage.

Landscape and Visual Impact

• No specific observation was identified in the reporting quarter.

Permit / Licenses

• No specific observation was identified in the reporting quarter.



Figure 1

Location of the proposed Sai O Trunk Sewer SPS



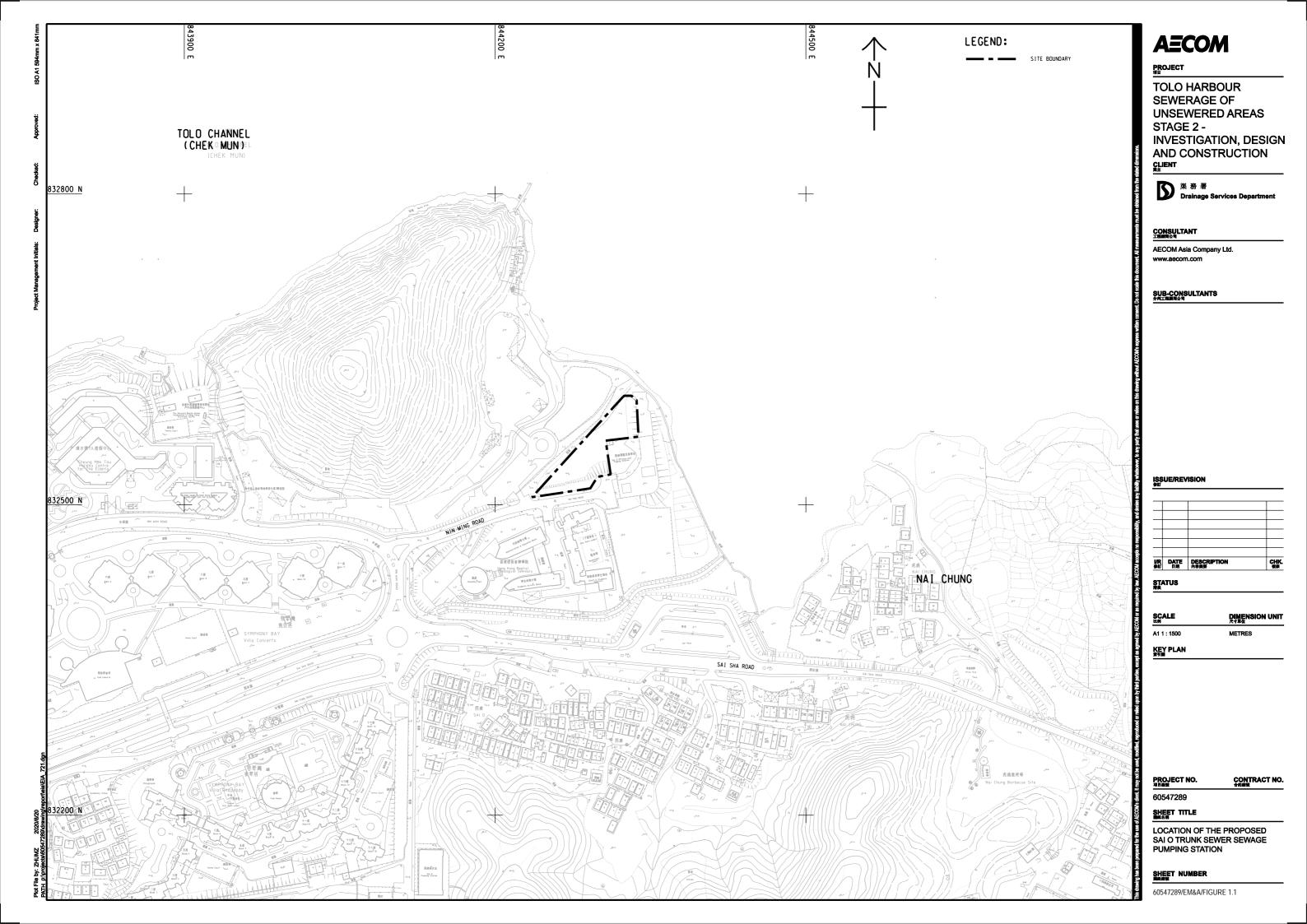


Figure 2

Air Quality Monitoring Location



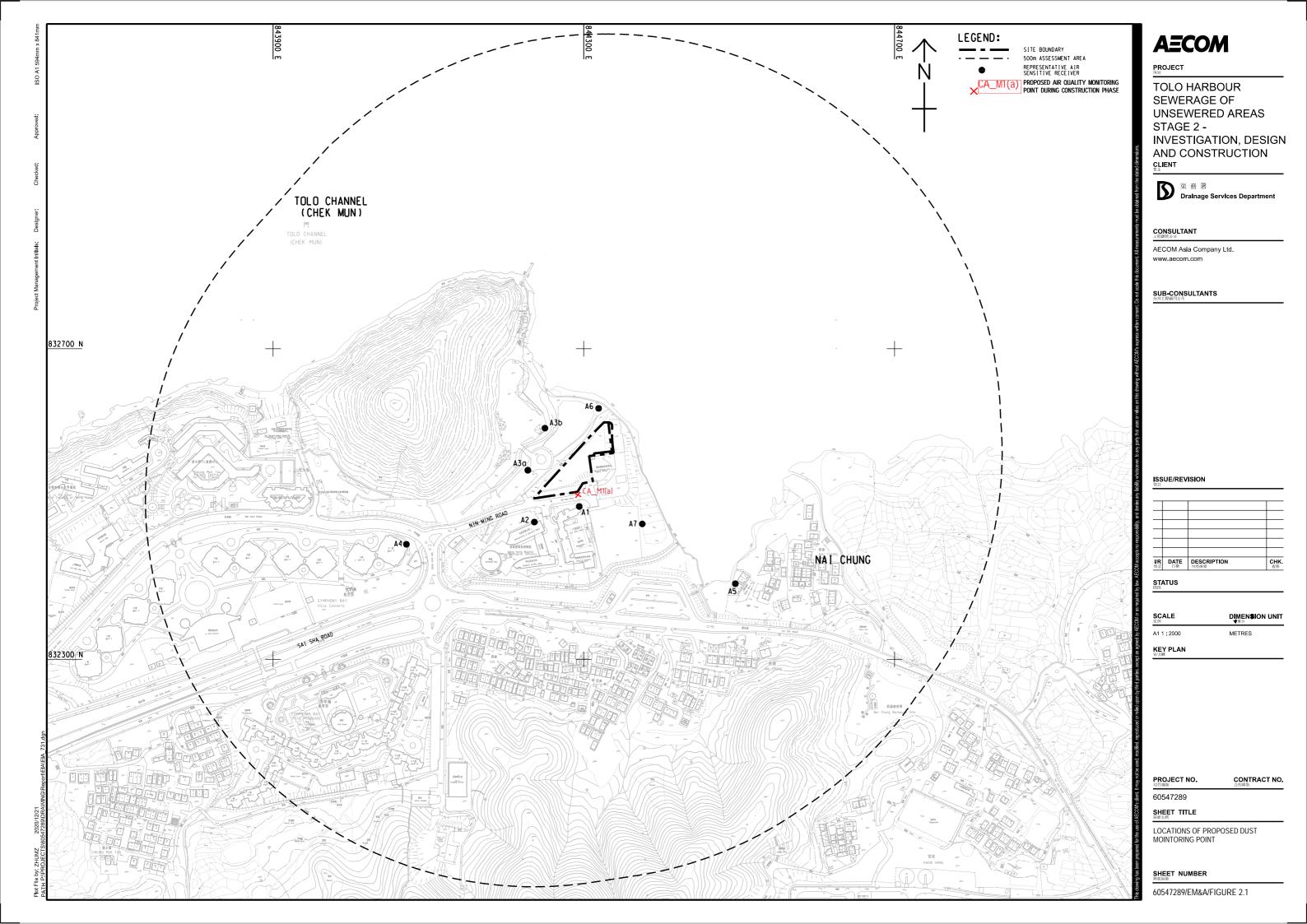
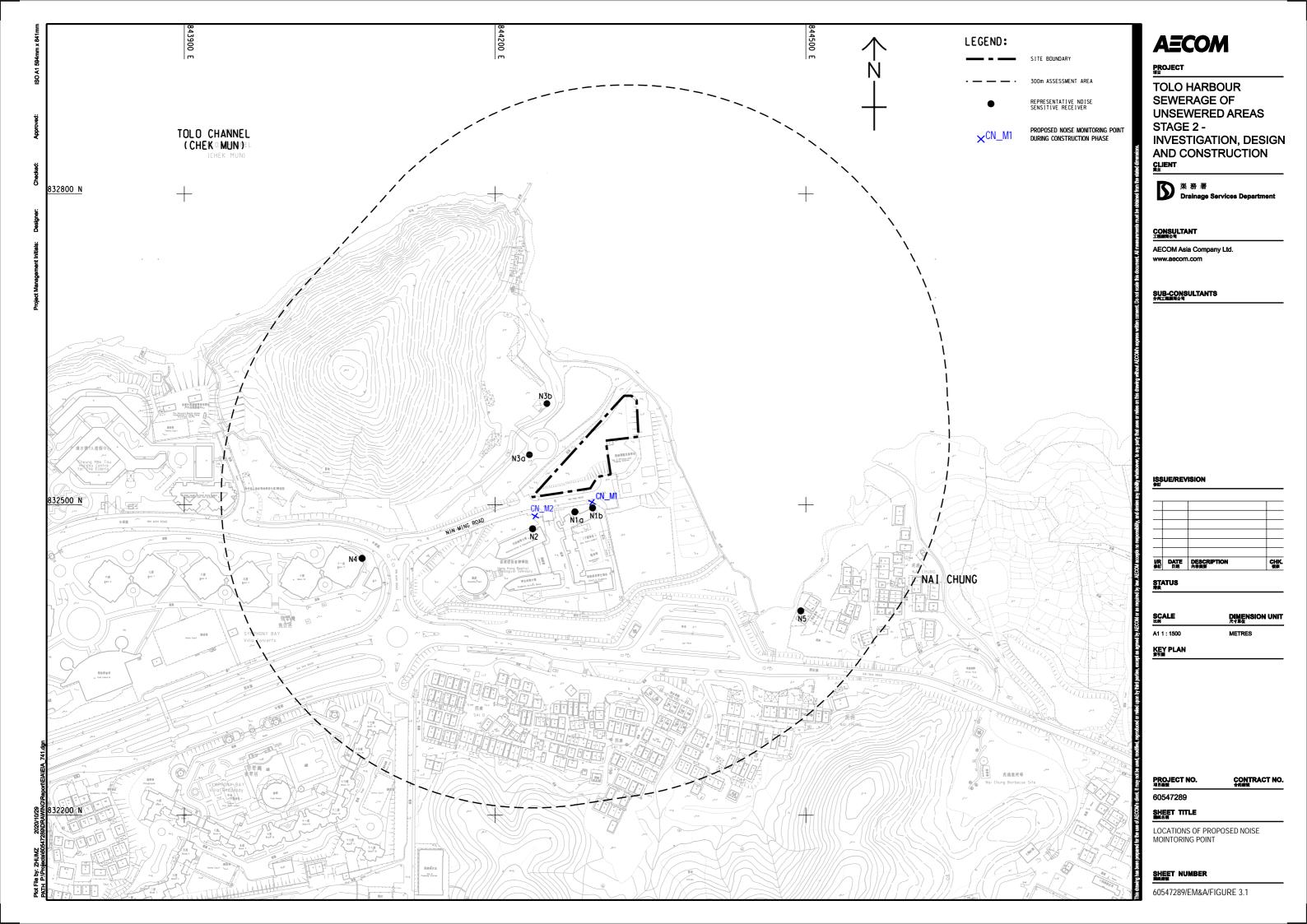


Figure 3

Noise Monitoring Location

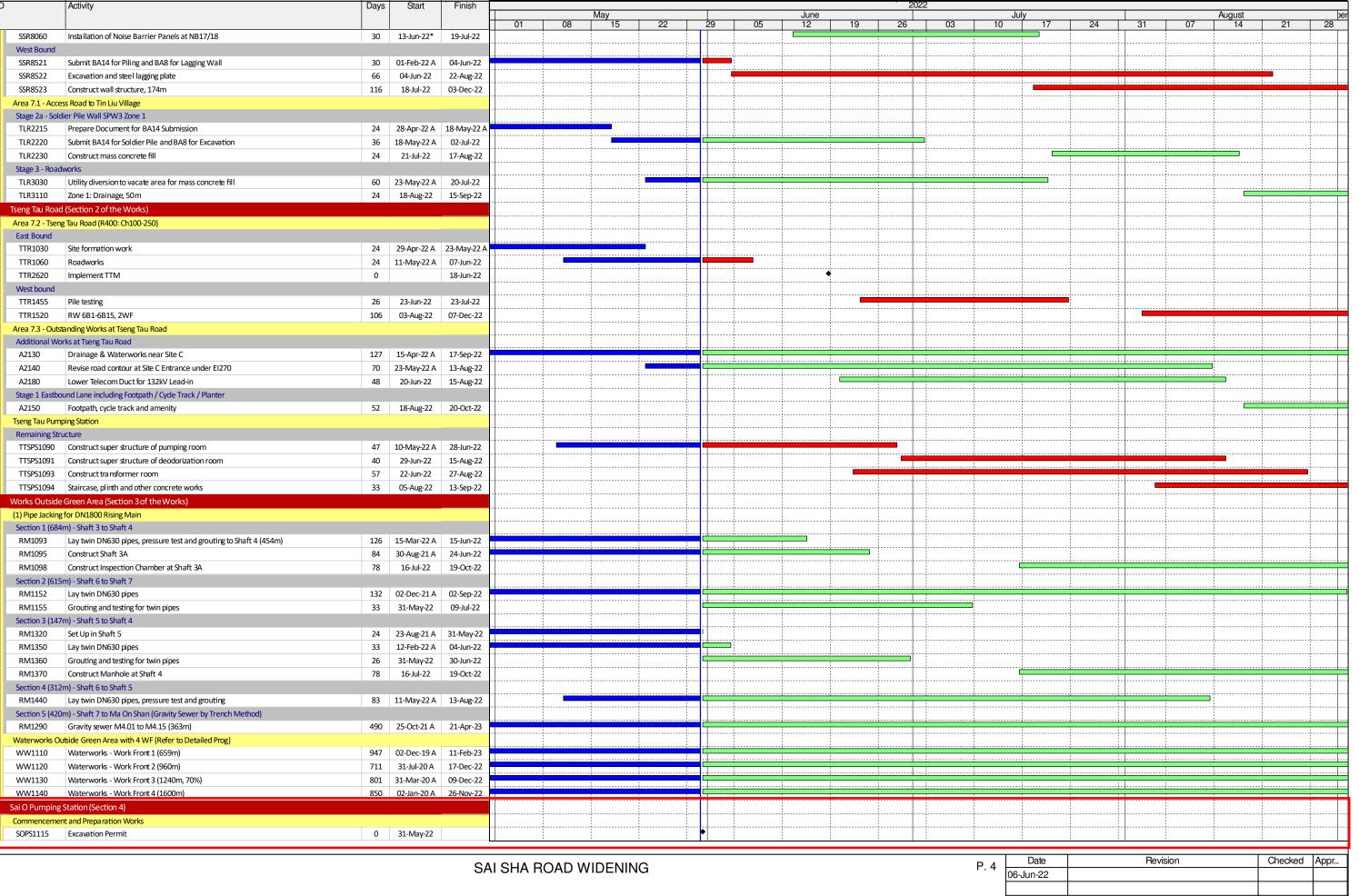




Appendix A

Construction Programme





THREE MONTHLY ROLLING PROGRAMME AS OF 31/05/2022

P. 4	Date	Revision	Checked	Appr
1.7	06-Jun-22			
SSR - RMCP 70W				
33n - HIVIOF 70W				

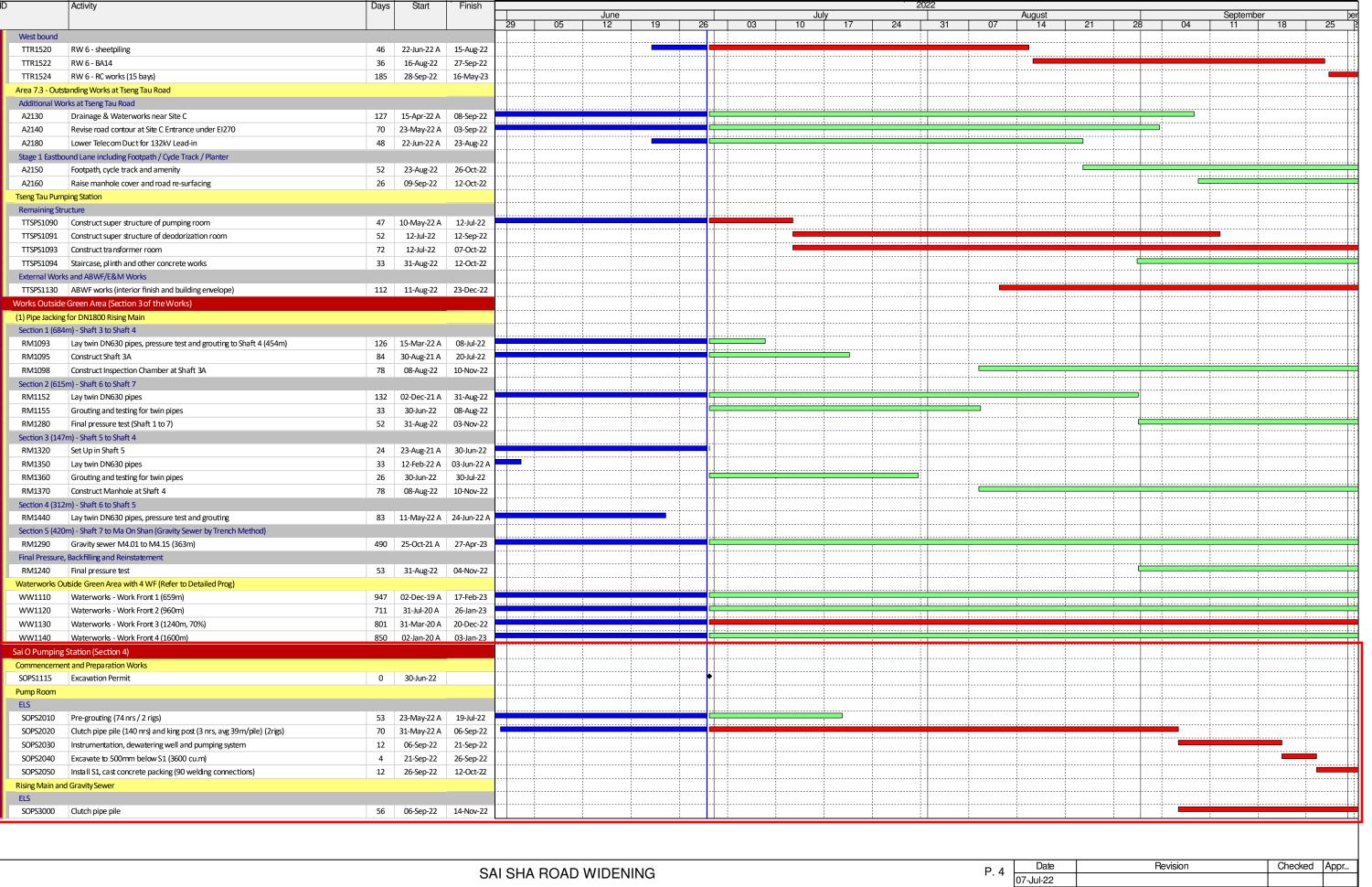
	Activity	Days Start Finish 2022																				
							May				June				Ju	ıly				August		
					01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28
SOPS1170	Latest Start Date	0		04-May-22 A	•					!		-			!							
Pump Room						-										-						
ELS						-				-					!	-	}					
SOPS2000	Site clearance, tree felling and site setting up	25	04-May-22 A	28-May-22 A		:	-			-		-										
SOPS2010	Pre-grouting (74 nrs / 2 rigs)	53	23-May-22 A	25-Jul-22		-					-	-			;							
SOPS2020	Clutch pipe pile (140 nrs) and king post (3 nrs, avg 39m/pile) (2rigs)	70	31-May-22 A	22-Aug-22		-				1	1	1		1		1	1	1	1		_	
SOPS2030	Instrumentation, dewatering well and pumping system	12	23-Aug-22	05-Sep-22		-																
Rising Main an	d Gravity Sewer					-										-						
ELS						-				-				!								
SOPS3000	Clutch pipe pile	56	23-Aug-22	29-Oct-22				-														

SAI SHA ROAD WIDENING

THREE MONTHLY ROLLING PROGRAMME AS OF 31/05/2022

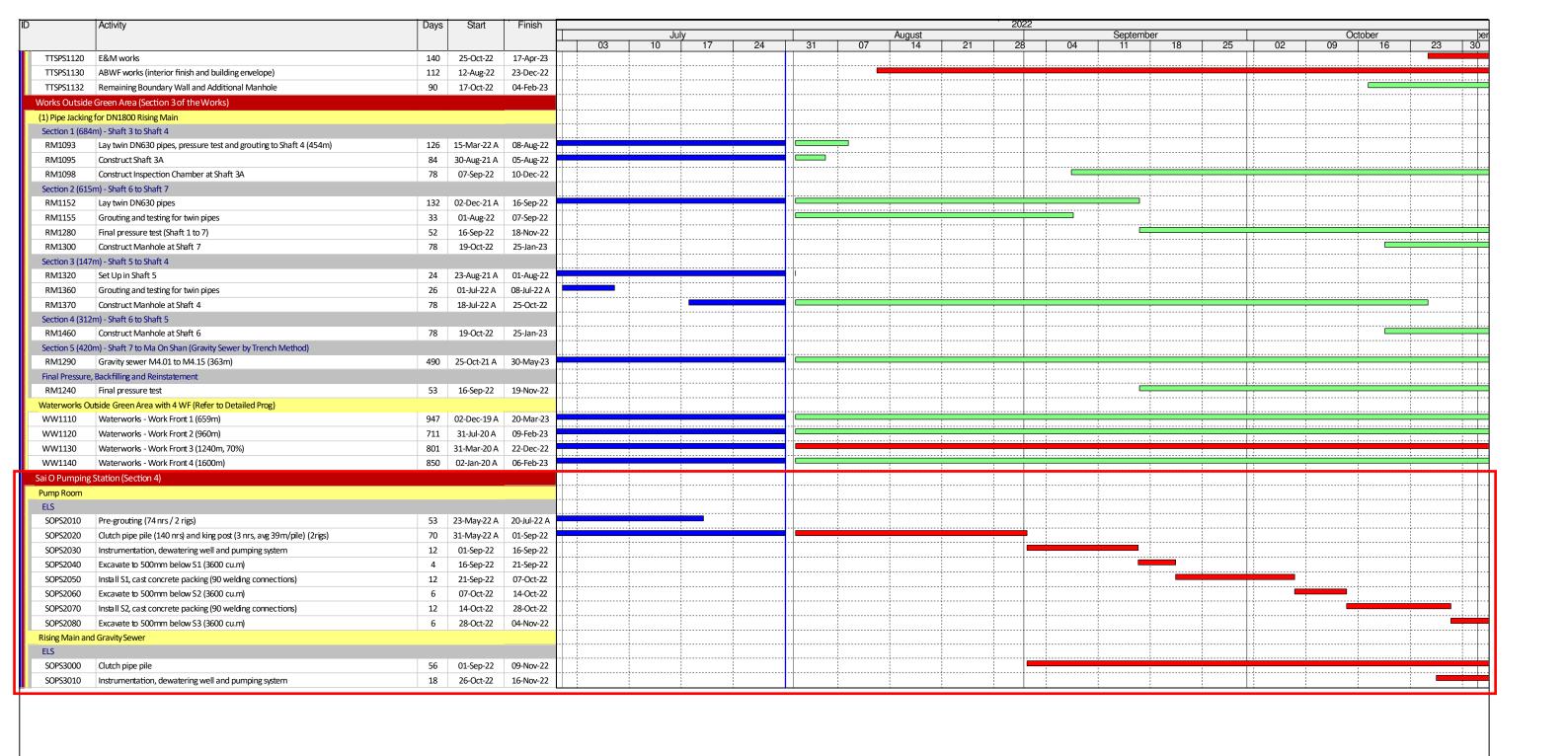
P. 5 Date Revision Checked Appr...

	06-Jun-22		
SSR - RMCP 70W			
SSIT-THINGE 70VV			



THREE MONTHLY ROLLING PROGRAMME AS OF 30/06/2022

P. 4	Date	Revision	Checked	Appr
1.4	07-Jul-22			
SSR - RMCP 71W				
33H - HIVIOF / TW				



SAI SHA ROAD WIDENING

THREE MONTHLY ROLLING PROGRAMME AS OF 31/07/2022

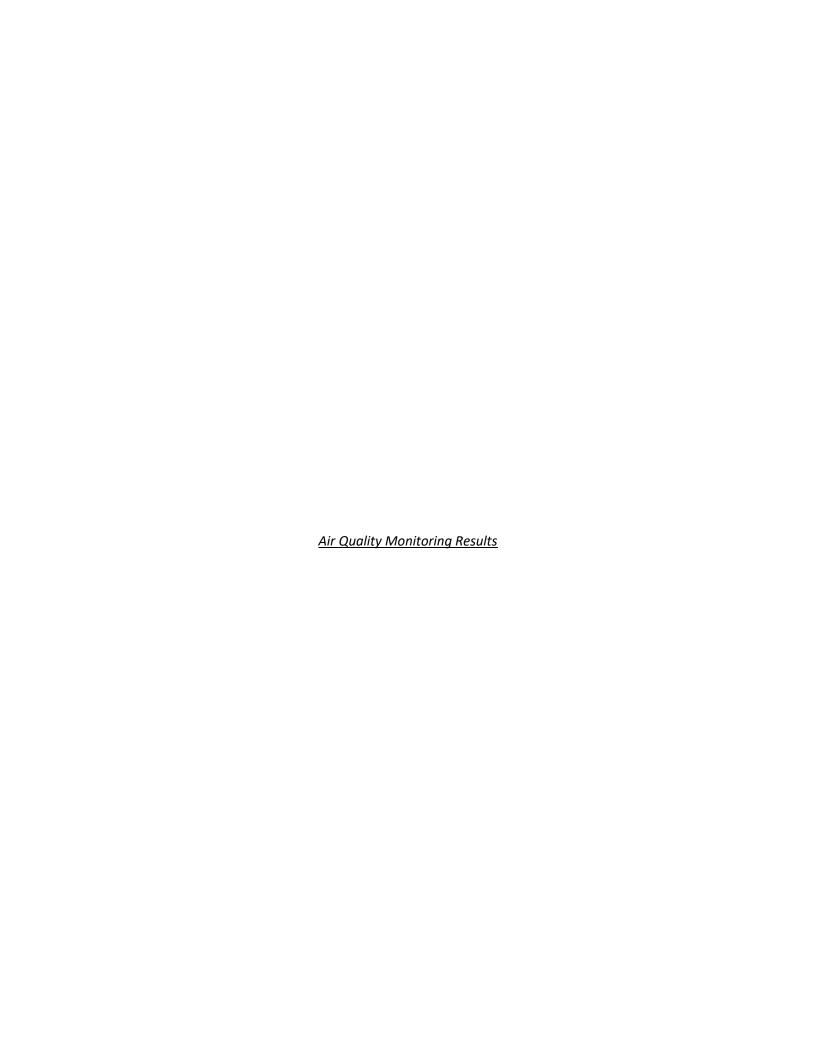
P. 4	Date	Revision	Checked	Appr
1.7	01-Aug-22			
SSR - RMCP 72W				

Appendix B

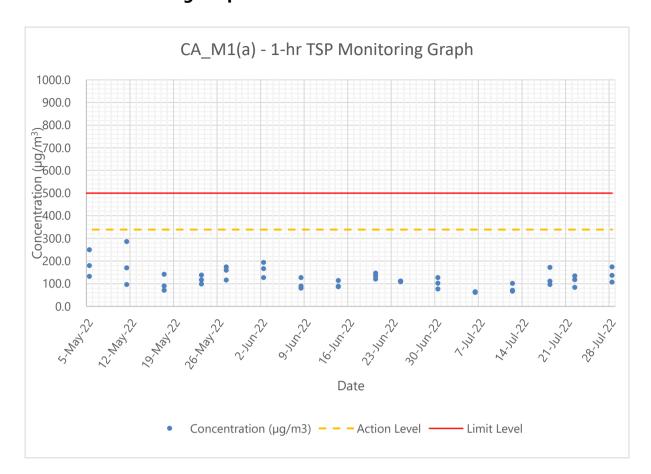
Graphical Presentation of

Monitoring Data

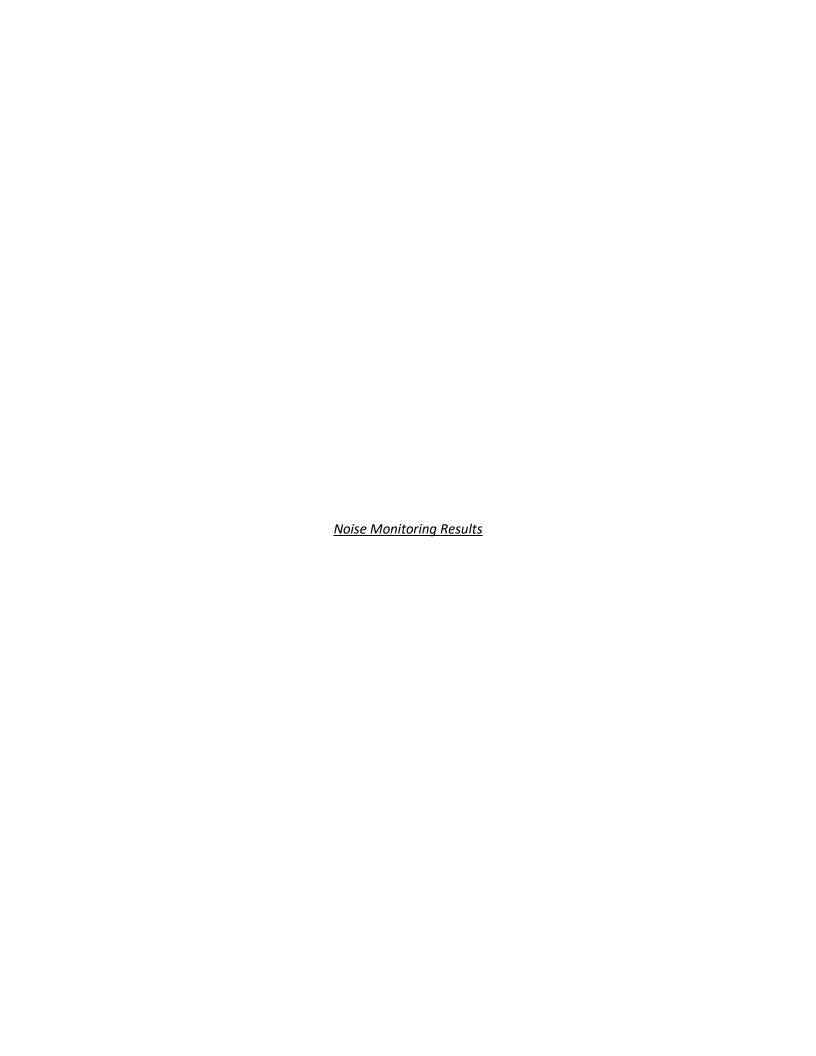




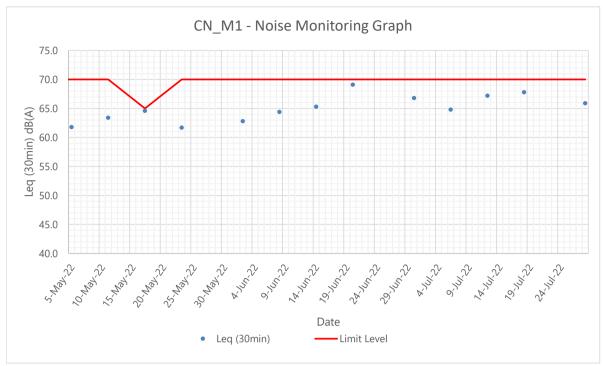
1-hr TSP Monitoring Graph



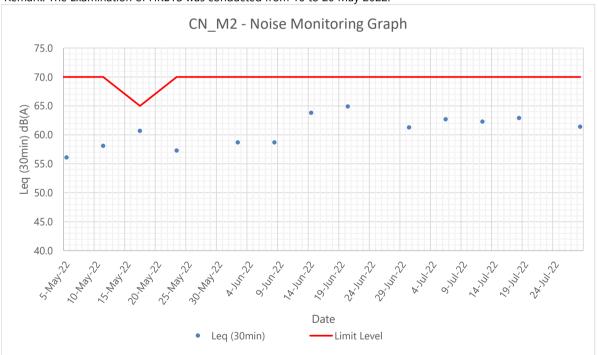




Noise Monitoring Graph



Remark: The Examination of HKBTS was conducted from 16 to 20 May 2022.



Remark: The Examination of HKBTS was conducted from 16 to 20 May 2022.



Appendix C

Event and Action Plan



Event and Action Plan for Air Quality (Construction Dust)

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



Event and Action Plan for Noise (Construction Noise)

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



Appendix D

Environmental Mitigation
Implementation Schedule



Implementation Status of Environmental Mitigation Measures (Construction Phase)

EIA	Environmental Protection Measures (Construction Phase) (1)	Location &	Implementation
Ref. (No.)	A) Air Quality	(Implementation Agent)	Status
3.7.1.1	Sufficient dust suppression measures as stipulated under the Air Pollution Control (Construction Dust) Regulation (Cap. 311R), as well as good site practices and		
(A1)	good housekeeping of the site should be properly implemented in order to minimise the construction dust generated. These measures include the followings::		
	a) Use of regular watering to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather;		Implemented
	b) Use of frequent watering for particularly dusty construction areas and areas close to ASRs;		Implemented
	c) Use of frequent watering or water sprinklers for major haul roads, material stockpiling areas and other dusty activities within the construction site;		Implemented
	d) Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering should be applied to aggregate fines;	All construction sites /	Implemented
	e) Provide hoarding of not less than 2.4 m high from ground level along the site boundary except for site entrance or exit;	construction phase / upon	Implemented
	f) Open temporary stockpiles should be avoided or covered. Prevent placing dusty material storage piles near ASRs;	completion of all construction activities	N/A
	g) Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations;	(Contractor)	Partially
		· ` ′	Implemented
	h) Establishment and use of vehicle wheel and body washing facilities at the exit points of the site;		Implemented
	i) Imposition of speed controls for vehicles on unpaved site roads, 8 km/hr is the recommended limit;		Implemented
	j) Routing of vehicles and position of construction plant should be at the maximum possible distance from ASRs;		Implemented
	k) Avoid position of material stockpiling areas, major haul roads and dusty works within the construction site close to concerned ASRs; and		Implemented
	Avoid unnecessary exposed earth.		Implemented
3.7.1.2	Guidelines stipulated in EPD's Recommended Pollution Control Clauses for Construction Contracts should be incorporated in the contract documents to abate dust		
(A2)	impacts. The clauses include:		
	a) The contractor shall observe and comply with the Air Pollution Control Ordinance and its subsidiary regulations, particularly the Air Pollution Control (Construction Dust) Regulation.	All construction sites /	Implemented
	b) The contractor shall undertake at all times to prevent dust nuisance as a result of the construction activities.	construction phase / upon	Implemented
	c) The contractor shall ensure that there will be adequate water supply / storage for dust suppression.	completion of all	Implemented
	d) The contractor shall devise, arrange methods of working and carrying out the works in such a manner so as to minimise dust impacts on the surrounding	construction activities	Implemented
	environment, and shall provide experienced personnel with suitable training to ensure that these methods are implemented.	(Contractor)	mplemented
	e) Before the commencement of any work, the contractor may require to submit the methods of working, plant, equipment and air pollution control system to be	-	Implemented
	used on the site for the engineer inspection and approval.		1
3.4.1.4	Control on fuel combustion from the use of PMEs	All construction sites /	
(A3)	a) Legal control on the types of fuel allowed for use and their sulphur contents in commercial and industrial processes should be observed.	construction phase / upon	Implemented
	b) Only approved or exempted non-road mobile machinery should be allowed to be used in construction sites.	completion of all	Implemented
	c) All construction plants are required to use ultra-low-sulphur diesel (ULSD) (defined as diesel fuel containing not more than 0.005% sulphur by weight).	construction activities (Contractor)	Implemented

Note



Implementation Status of Environmental Mitigation Measures (Construction Phase)

EIA Ref. (No.)	Environmental Protection Measures (Construction Phase) (1) B) Noise	Location & (Implementation Agent)	Implementation Status
4.8.1.2 (B1)	Good Site Practice The site practices listed below should be followed during construction works: a) Only well-maintained PME to be operated on site and should be serviced regularly during construction; b) Silencers or mufflers on construction equipment should be utilised (if appropriate) and should be properly maintained during the construction; c) Mobile plant, if any, should be sited as far away from NSRs as possible; d) Machines and plant (such as trucks) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; e) Plant known to emit noise strongly in one direction should, wherever possible, be orientated to direct noise away from the nearby NSRs; and f) Material stockpiles and other structures should be effectively utilised, wherever practicable, in screening noise from on-site construction activities	All construction sites / construction phase / upon completion of all construction activities (Contractor)	Implemented N/A Implemented Implemented Implemented Implemented
4.8.1.3 – 4.8.1.4 & Table 7 (B2)	Use of Quiet PME The Contractors may adopt alternative quiet PME as long as it can be demonstrated that they would not result in construction noise impacts worse than those predicted in this EIA Report. Use of quiet plant should be made reference to the Powered Mechanical Equipment (PME) listed in the Technical Memorandum or the Quality Powered Mechanical Equipment (QPME) / other commonly used PME listed in Environmental Protection Department (EPD) web pages as far as possible which includes the Sound Power Level (SWLs) for specific quiet PME.	All construction sites / construction phase / upon completion of all construction activities (Contractor)	Implemented
4.8.1.5 (B3)	Use of Movable Noise Barriers/Acoustic Mats Movable noise barriers that can be placed close to the construction equipment and moved along with the PME are effective for screening noise from NSRs. A typical design which has been used locally is a wooden framed barrier with a cantilevered upper portion of superficial density no less than 10 kg/m² on a skid footing with internal sound absorptive lining. This measure is particularly effective for low level zone of NSRs. A longer cantilevered top cover would be required to achieve screening benefits at upper floors of NSRs. The Contractor shall be responsible for the design and actual position of the movable noise barriers with due consideration given to the position and size of the PME, and the requirement of intercepting the line-of-sight from the NSRs to the PME, as well as ensuring that the barriers should have no opening and gap. It is anticipated that properly designed noise barriers would achieve a 5 dB(A) reduction for mobile PME and a 10 dB(A) reduction for static PME. Acoustic mat with surface mass of not less than 7kg/m² would be used for plant items such as piling, oscillator and a 10 dB(A) noise reduction is anticipated.	All construction sites / construction phase / upon completion of all construction activities (Contractor)	Implemented
4.8.1.7 (B4)	Scheduling of Noisy Activities to outside Examination Period of HKBTS To minimise the construction noise impact on HKBTS, the use of piling (oscillator) in ELS and concurrent use of concrete lorry mixer with other PMEs in steel fixing and concreting of structure should be avoided during the examination period of HKBTS. Contractor should be a companying tion with the prospect of HKBTS to obtain the product of should be a contractor of the relevant.	All construction sites / construction phase / upon completion of all construction activities	Implemented
	Contractor should keep close communication with the operator of HKBTS to obtain the updated schedule of examination at the time conducting of the relevant construction works.	(Contractor)	Implemented

Note:



Implementation Status of Environmental Mitigation Measures (Construction Phase)

EIA Ref.	Environmental Protection Measures (Construction Phase) (1)	Location & (Implementation	Implementation
(No.)	C) Water Quality	Agent)	Status
5.8.1.1 (C1)	Construction Site Runoff Proper site management measures should be implemented to control site runoff and drainage, and thereby prevent high sediment loadings from entering nearby watercourses. The contractor should follow the practices, and be responsible for the design, construction, operation and maintenance of all the mitigation measures as specified in ProPECC PN 1/94 "Construction Site Drainage". The design of the mitigation measures should be submitted by the contractor to the engineer for approval.		
	These mitigation measures should include the following practices:		
	a) At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. Channels (both temporary and permanent drainage pipes and culverts), earth bunds or sand bag barriers should be provided on site to direct storm water to silt removal facilities.		Implemented
	b) Sand/silt removal facilities such as sand/silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the TM standard under the WPCO. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94, which states that the retention time for silt/sand traps should be 5 minutes under maximum flow conditions.	All construction sites /	Implemented
	c) All drainage facilities and erosion and sediment control structures should always be regularly inspected and maintained to ensure proper and efficient operation and particularly during rainstorms. Deposited silt and grit should be regularly removed, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	construction phase / upon completion of all construction activities (Contractor)	Implemented
	d) Measures should be taken to minimise the ingress of site drainage into excavations. Water pumped out from foundation excavations should be discharged into storm drains via silt removal facilities.		Implemented
	e) If surface excavation works cannot be avoided during the wet season (April to October), temporarily exposed slope / soil surfaces should be covered by a tarpaulin or other means, as far as practicable, and temporary access roads should be protected by crushed stone or gravel, as excavation proceeds. Interception channels should be provided (e.g. along the crest / edge of the excavation) to prevent storm runoff from washing across exposed soil surfaces. Arrangements should always be in place to ensure that adequate surface protection measures can be safely carried out well before the arrival of a rainstorm. Other measures that need to be implemented before, during and after rainstorms are summarised in ProPECC PN 1/94.		Implemented
	f) All vehicles and plant should be cleaned before leaving a construction site. An adequately designed and sited wheel washing facility should be provided at every construction site exit where practicable. Wash-water should have sand and silt settled out and removed at least on a weekly basis. The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.		Implemented
	g) Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric during rainstorms.		Implemented
5.8.1.2 -	General Construction Activities		
5.8.1.3 (C2)	a) Debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering any nearby water bodies and public drainage system.	All construction sites /	Implemented
	b) Stockpiles of cement and other construction materials should be kept covered when not being used.	construction phase /	Implemented
	c) Oils and fuels should only be used and stored in designated areas, which have pollution prevention facilities.	upon completion of all	Implemented
	d) All fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. Rainwater in the bunds should be cleared after each rain event. Waste oils, fuels and solvents collected within the bund should be handled and treated as chemical waste.	(Contractor)	Implemented
5.8.1.4	Sewage Effluent	All construction sites /	
(C3)	Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. A licensed contractor would be responsible for appropriate disposal of waste matter and maintenance of these facilities.	construction phase / upon completion of all construction activities (Contractor)	Implemented



EIA Ref. (No.)	Environmental Protection Measures (Construction Phase) (1) C) Water Quality	Location & (Implementation Agent)	Implementation Status
5.8.1.5	Construction Works in Close Proximity of Inland Waters	All construction sites /	
(C4)	The practices outlined in ETWB TC (Works) No. 5/2005 "Protection of natural streams/rivers from adverse impacts arising from construction works" should be adopted where applicable to minimise the water quality impacts upon any natural streams or surface water systems.	construction phase / upon completion of all construction activities (Contractor)	N/A



Implementation Status of Environmental Mitigation Measures (Construction Phase)

EIA	Environmental Protection Measures (Construction Phase) (1)	Location &	T 1
Ref. (No.)	D) Waste Management	(Implementation Agent)	Implementation Status
6.5.1.3	Good Site Practices		
(D1)	Recommendations for good site practices during the construction phase include:		
	a) Nomination of approved personnel, such as a site manager, to be responsible for implementation of good site practices, arrangements for waste collection and effective disposal to an appropriate facility;	A11	Implemented
	b) Training of site personnel in site cleanliness, concepts of waste reduction, reuse and recycling, proper waste management and chemical waste handling procedures;	All construction sites / construction phase /	Implemented
	c) Provision of sufficient waste reception / disposal points, and regular collection of waste;	upon completion of all construction activities	Implemented
	d) Adoption of appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers;	(Contractor)	Implemented
	e) Provision of regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors;		Implemented
	f) Adoption of a recording system for the amount of wastes generated, recycled and disposed (including the disposal sites); and		Implemented
	g) Preparation of Waste Management Plan (WMP), as part of the Environmental Management Plan (EMP).		Implemented
6.5.1.4	Waste Reduction Measures		
(D2)	Recommendations to achieve waste reduction are discussed as follow:		
	a) Segregate and store different types of construction related waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal;	All construction sites /	Implemented
	b) Provide separate labelled bins to segregate recyclable waste such as aluminium cans from other general refuse generated by the work force, and to encourage collection by individual collectors;	construction phase / upon completion of all	Implemented
	c) Recycle any unused chemicals or those with remaining functional capacity;	construction activities (Contractor)	Implemented
	d) Maximise the use of reusable steel formwork to reduce the amount of C&D materials;		Implemented
	e) Adopt proper storage and site practices to minimise the potential for damage to, or contamination of construction materials;		Implemented
	f) Plan the delivery and stock of construction materials carefully to minimise the amount of waste generated; and		Implemented
	g) Minimise over ordering and wastage through careful planning during purchasing of construction materials.		Implemented
6.5.1.6– 6.5.1.7	Reducing and Reuse of C&D Materials		
(D3)	a) Careful design, planning together with good site management can reduce over-ordering and generation of C&D materials such as concrete, mortar and cement grouts. Formwork should be designed to minimise the use of standard wooden panels, so that high reuse levels can be achieved. Alternatives such as steel formwork or plastic facing should be considered to increase the potential for reuse.	All construction sites / construction phase /	Implemented
	b) To minimise off-site disposal of inert C&D material, the excavated inert materials with suitable characteristics / size should be reused on-site as fill material as far as practicable, such as for backfilling of the box culvert and drainage pipe works.	upon completion of all construction activities (Contractor)	Implemented
	c) Prior to disposal of non-inert C&D materials, wood, steel and other metals should also be separated for reuse and / or recycle where practicable so as to minimise the quantity of waste to be disposed of to landfill.		Implemented
6.5.1.8 (D4)	Storage of C&D Materials Suitable areas should be designated within the works site boundaries for temporary stockpiling of C&D material. Within stockpile areas, the following measures should be taken to control potential environmental impacts or nuisance:	All construction sites / construction phase /	
	a) cover material during heavy rainfall;	upon completion of all construction activities	Implemented
	b) locate stockpiles to minimise potential visual impacts; and	(Contractor)	Implemented
	c) minimise land intake of stockpile areas as far as possible.		Implemented



EIA Ref. (No.)	Environmental Protection Measures (Construction Phase) (1) D) Waste Management	Location & (Implementation Agent)	Implementation Status
6.5.1.9	Disposal of C&D Materials	All construction sites /	
(D5)	a) In order to monitor the disposal of C&D materials at the designated public fill reception facility and landfill and to control fly-tipping, a trip-ticket system should be included.	construction phase / upon completion of all	Implemented
	b) When disposing inert C&D materials at a public filling reception facility, the material shall only consist of soil, rock, concrete, brick, cement plaster / mortar, inert building debris, aggregates and asphalt. The material shall be free from marine mud, household refuse, plastic, metals, industrial and chemical waste, animal and vegetable matter, and other material considered to be unsuitable by the Filling Supervisor.	construction activities (Contractor)	Implemented
6.5.1.10	Chemical Wastes		
&	a) If chemical waste is produced at the construction site / the SPS, the contractor would be required to register with the EPD as a Chemical Waste Producer.		Implemented
6.5.1.12	b) Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately.	Construction and	Implemented
(D6)	c) Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosives, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc.	Operational Phase	Implemented
	d) The contractor shall use a licensed collector to transport and dispose of the chemical wastes at the CWTC or other licensed facility in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.		Implemented
6.5.1.11	General Refuse		
& Table	a) General refuse should be stored in enclosed bins or compaction units separate from C&D materials and chemical wastes.		Implemented
6.2 (D7)	b) A reputable waste collector should be employed by the contractor to remove general refuse / screenings from the site on a regular basis to minimise odour, pest and litter impacts.	All construction sites /	Implemented
	c) Clearly labelled recycling bins should be provided on site to encourage segregation and recycling of aluminium and plastic wastes, and wastepaper to reduce general refuse production.	construction phase / upon completion of all construction activities	Implemented
	d) The contractor should carry out an education programme for workers in avoiding, reducing, reusing and recycling of materials generation. Posters and leaflets advising on the use of the bins should also be provided in the site as reminders. The recyclable waste materials should then be collected by reliable waste recycling agents on a regular basis.	construction activities (Contractor)	Implemented
	e) The collected general refuse will be disposed of at NENT landfill.		Implemented

Note



Implementation Status of Environmental Mitigation Measures (Construction Phase)

EIA	Environmental Protection Measures (Construction Phase) (1)	Location &	Implementation	
Ref. (No.)	E) Landscape and Visual	(Implementation Agent)	Status	
Table	CM1 – Preservation of Trees	All construction sites /		
10.9		construction phase /		
(E1)	Trees to be retained in accordance with DEVB TCW No. 4/2020 - Tree Preservation.	upon completion of all	N/A	
	Trees to be retained in accordance with DEVB TCW No. 4/2020 - Tree Freservation.	construction activities		
		(Contractor)		
Table	CM2 – Compensatory Tree Planting	All construction sites /		
10.9		construction phase /		
(E2)	Any trees to be felled under the Project shall be compensated in accordance with DEVB TCW No. 4/2020 - <i>Tree Preservation</i> .	upon completion of all	N/A	
	Any trees to be lened under the Project sharibe compensated in accordance with DEVB TCW No. 4/2020 - Tree Preservation.	construction activities		
		(Contractor)		
Table	CM3 – Control of Night-time Lighting Glare	All construction sites /		
10.9		construction phase /		
(E3)	Any lighting provision of the construction works at night shall be carefully controlled to prevent light overspill to the nearby VSRs and into the sky.	upon completion of all	Implemented	
	Any righting provision of the construction works at hight shall be carefully controlled to prevent right overspill to the nearby VSKs and into the sky.	construction activities		
		(Contractor)		
Table	CM4 – Erection of Decorative Screen Hoarding	All construction sites /		
10.9		construction phase /		
(E4)	Decorative Hoarding, which is compatible with the surrounding settings, shall be erected during construction to minimise the potential landscape and visual impacts	upon completion of all	Implemented	
	due to the construction works and activities.	construction activities		
		(Contractor)		
Table	CM5 – Management of Construction Activities and Facilities	All construction sites /		
10.9		construction phase /		
(E5)	The facilities and activities at works sites and areas, which include site office, temporary storage areas, temporary works etc., shall be carefully managed and	upon completion of all	Implemented	
	controlled on the height, deposition and arrangement to minimise any potential adverse landscape and visual impacts.	construction activities		
		(Contractor)		
Table	CM6 – Reinstatement of Temporarily Disturbed Landscape Areas	All construction sites /		
10.9		construction phase /		
(E6)	All hard and soft landscape areas disturbed temporarily during construction due to temporary excavations, temporary works sites and works areas shall be reinstated	upon completion of all	N/A	
	to equal or better quality, to the satisfaction of the relevant Government Departments.	construction activities		
		(Contractor)		



Appendix E

Waste Flow Table



Waste Flow Table (July 2022)

	Actual Quantities of Inert C&D Materials Generated Monthly					Actual Quantities of C&D Wastes Generated		Actual Quantities of Recyclables Generation				
Monthly Ending	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Chemical Waste	General Refuse	Felled Trees	Metals	Paper / Cardboard Packaging	Plastics
	(in '000m3)	(in '000m3)	(in '000m3)	(in '000m3)	(in '000m3)	(in '000m3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)
2022 Feb	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2022 Mar	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2022 Apr	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2022 May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	61.760	0.000	0.000	0.000	0.000
2022 Jun	0.649	0.000	0.000	0.000	0.649	0.000	0.000	0.610	0.000	0.000	0.000	0.000
2022 Jul	0.711	0.000	0.000	0.000	0.711	0.000	0.000	8.990	0.000	0.000	0.000	0.000
2022 Aug												
2022 Sep												
2022 Oct												
2022 Nov												
2022 Dec												
Total	1.360	0.000	0.000	0.000	1.360	0.000	0.000	71.360	0.000	0.000	0.000	0.000

Note:



¹⁾ The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.

²⁾ Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging materials.

Appendix F

Cumulative Statistics on Environmental Complaints, Notifications of Summons and Successful Prosecutions



Environmental Complaints Log

Reference No.	Date of Complaint Received	Received From	Received By	Nature of Complaint	Date of Investigation	Outcome	Date of Reply	

Cumulative Statistics on Complaints

Environmental Aspects	Cumulative No. Brought Forward	No. of Complaints This Month	Cumulative Project-to- Date
Air	0	0	0
Noise	0	0	0
Water	0	0	0
Waste	0	0	0
Total	0	0	0

Cumulative Statistics on Notification of Summons and Successful Prosecutions

Environmental Aspects	Cumulative No. Brought Forward	No. of Notification of Summons and Prosecutions This Month	Cumulative Project-to- Date
Air	0	0	0
Noise	0	0	0
Water	0	0	0
Waste	0	0	0
Total	0	0	0